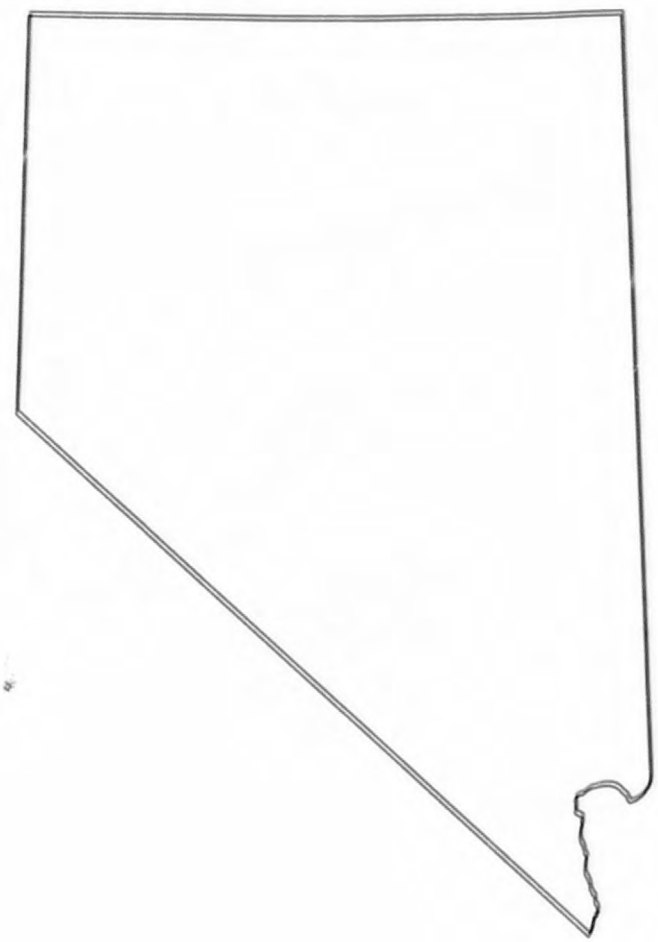
Water Resources Data
Nevada
Water Year 1995



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT NV-95-1
Prepared in cooperation with the State of Nevada
and with other agencies

CALENDAR FOR WATER YEAR 1995

1994

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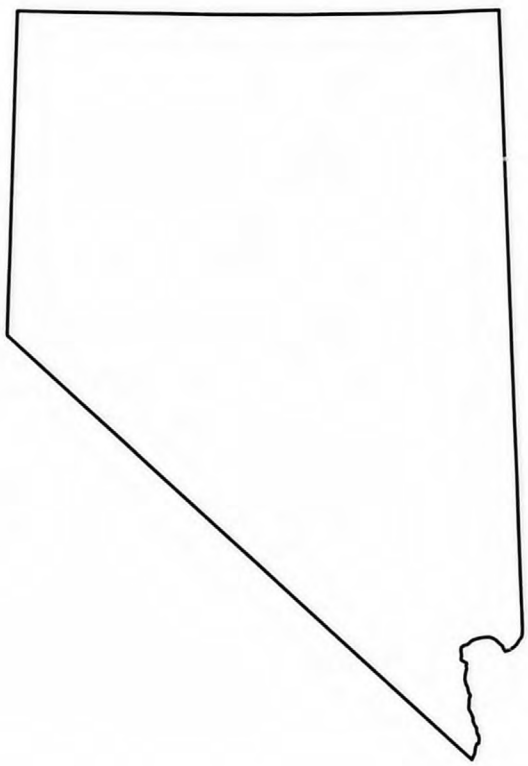
Water Resources Data Nevada Water Year 1995

by David J. Bauer, Barbie J. Foster, Joseph D. Joyner, and Robert A. Swanson



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT NV-95-1
Prepared in cooperation with the State of Nevada
and with other agencies

UNITED STATES DEPARTMENT OF THE INTERIOR

BRUCE BABBITT, Secretary

U.S. GEOLOGICAL SURVEY

GORDON P. EATON, Director

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in Nevada, write to:
Nevada District Office Chief, Water Resources Division
U.S. Geological Survey
333 West Nye Lane
Carson City, Nevada 89706

1996

PREFACE

This report for Nevada is one of a series of annual reports that document hydrologic data gathered from the U.S. Geological Survey's surface-water and ground-water data-collection networks in each State, Puerto Rico, and the Trust Territories. These records of streams, canals, drains and springs, lakes and reservoirs, and observation wells provide the hydrologic information needed by State, local, and Federal agencies and the private sector for developing and managing our Nation's land and water resources.

This report is the culmination of a concerted effort by personnel of the U.S. Geological Survey who collected, analyzed, verified, and organized the data, and who typed, edited, and assembled the report. The Nevada Data Management Unit had primary responsibility for assuring that the information contained herein is accurate, complete, and adheres to Geological Survey policy and established guidelines.

In addition to the authors, U.S. Geological Survey personnel in Nevada who contributed significantly to the collection and preparation of the data in this report were: Kip K. Allander, John Armino, Marianne Hayes August, David A. Beck, Steven N. Berris, Hugh E. Bevans, Larry R. Bohman, Laurie J. Bonner, Robert E. Bostic, David L. Berger, Ronald P. Collins, Kenneth J. Covay, Desiree Davis, E. James Crompton, Larry P. Etchemendy, Kerry T. Garcia, Patrick A. Glancy, Gary C. Gortsema, Glenn S. Hale, Stephen E. Hammond, Daniel L. Hess, Glen W. Hess, Marsha M. Hilmes, Ray J. Hoffman, Douglas D. Hutchinson, Arthur W. Johnson, Nicole A. Jonson, Richard L. Kane, Thomas G. Kane III, Kathryn C. Kilroy, Kory M. Kipfer, Richard A. LaCamera, Stephen J. Lawrence, Randell J. Laczniak, Michael S. Lico, Glenn L. Locke, Ronald F. Locke, Douglas K. Maurer, Donald R. McClary, Karen A. Mello, Lynn A. Metcalf, Walter E. Nylund, Kari L. O'Hair, Gary L. Otto, Robert N. Pennington, Russell W. Plume, Alan M. Preissler, Steve R. Reiner, Armando R. Robledo, Wynn C. Ross, Timothy G. Rowe, Gary M. Russell, Robert J. Sexton, Ralph L. Seiler, Ronald J. Spaulding, J. Christopher Stone, James R. Swartwood, Robin L. Sweet, R. Lynn Taylor, Carl E. Thodal, James M. Thomas, Douglas A. Trudeau, Mary L. Tumbusch, Albert S. Vandenburgh, Lloyd C. Van Gordon, Sonya L. Vasquez, Allen H. Welch, Craig L. Westenburg, Rita Whitney, Rhea P. Williams, David B. Wood, and Richard L. Young.

REPORT DOCUMENTATION PAGE

Form Approved OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. AGENCY USE ONLY *(Leave blank)*	2. REPORT DATE	3. REPORT TYPE AND DATES COVERED
	July 31, 1996	Annual--October 1, 1994 to September 30, 1995

4. TITLE AND SUBTITLE

Water Resources Data--Nevada, Water Year 1995

5. FUNDING NUMBERS

6. AUTHOR(S)

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7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)

United States Geological Survey, Water Resources Division
333 West Nye Lane, Room 205
Carson City, NV 89706

8. PERFORMING ORGANIZATION REPORT NUMBER

USGS-WRD-NV-95-1

9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES)

United States Geological Survey, Water Resources Division
333 West Nye Lane, Room 205
Carson City, NV 89706

10. SPONSORING / MONITORING AGENCY REPORT NUMBER

USGS/WRD/HD-96/40035

11. SUPPLEMENTARY NOTES

Prepared in cooperation with Federal, State and local agencies.

12a. DISTRIBUTION / AVAILABILITY STATEMENT

No restrictions on distribution. This report may be purchased from:

National Technical Information Service
Springfield, VA 22161

12b. DISTRIBUTION CODE

13. ABSTRACT *(Maximum 200 words)*

Water resources data published herein for the 1995 water year comprise the following records:

- o Water discharge for 178 gaging stations on streams, canals and drains.
- o Discharge for 113 peak-flow stations and miscellaneous sites, and 46 springs.
- o Stage and contents for 22 lakes and reservoirs.
- o Water-quality data for 171 stream, lake, canal, spring, precipitation, and drain sites, and 111 wells.
- o Precipitation totals for 58 stations.
- o Water levels for 17 continuous record wells, and 1022 observation wells.

Additional water-data, collected at various sites that are not part of the systematic data-collection program, are published as miscellaneous measurements. These data represent that part of the National Water Data System operated by the U.S. Geological Survey and cooperating State and Federal agencies in Nevada.

14. SUBJECT TERMS

*Nevada, *Hydrologic data, *Ground water, Chemical Analysis, Sediments, Water temperatures, Sampling sites, Water levels, Water analysis.

15. NUMBER OF PAGES

752

16. PRICE CODE

17. SECURITY CLASSIFICATION OF REPORT	18. SECURITY CLASSIFICATION OF THIS PAGE	19. SECURITY CLASSIFICATION OF ABSTRACT	20. LIMITATION OF ABSTRACT
UNCLASSIFIED	UNCLASSIFIED	UNCLASSIFIED	

NSN 7540-01-280-5500

Standard Form 298 (Rev. 2-89)
Prescribed by ANSI Std 239-18
298-102

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SURFACE-WATER STATIONS, IN DOWNSTREAM ORDER, FOR WHICH RECORDS ARE PUBLISHED IN THIS VOLUME

NOTE.--Data for partial-record stations and miscellaneous sites for both surface-water discharge and quality are published in separate sections of the data report. See references at the end of this list for page numbers for these sections.

[Letters after station name designate type of data: (d) discharge, (p) precipitation, (c) chemical, (m) microbiological, (t) water temperature, (s) sediment, (e) elevation, gage heights, or contents.]

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Marys River above Hot Springs Creek near Deeth, NV (d)	10315500	282
Marys River below Twin Buttes near Deeth, NV (d,t)	10315600	283
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Wood Creek at Mouth near Crystal Bay, NV (c,t,s)	10336694	346
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DISCONTINUED SURFACE-WATER STATIONS

The following continuous-record surface-water discharge stations (gaging stations) in Nevada and parts of California have been discontinued. Daily streamflow or stage records were collected and published for the period of record, expressed in water years, shown for each station. Those stations with an asterisk (*) after the station number are currently operated as crest-stage partial-record stations

Station Name	Station Number	Drainage area (mi^2)	Period of Record
Mesquite Canal near Mesquite, NV	09415060	--	1951-55
Bunkerville Canal near Bunkerville, NV	09415080	--	1951-55
Virgin River above Halfway Wash near Riverside, NV	09415230	5,980	1978, 1980-83 1985
White River near Preston, NV	09415500	--	1914
Preston Big Spring near Preston, NV	09415510	--	1983-85
Pahranagat Valley Trib near Hiko, NV	09415600	17.0	1964-77
Pahranagat Wash near Moapa, NV	09415850	252	1988-93
Muddy River Power Diversion near Moapa, NV	09415950	--	1978-85
Muddy River above Moapa Indian Res near Moapa, NV	09416500	3,890	1914-18
Muddy River at Rr Pump Plant near Moapa, NV	09417000	3,900	1915-17
Muddy River at Weiser Ranch near Moapa, NV	094[illegible]7400	4,360	1916-17
Meadow Valley Wash at Eagle Canyon, near Ursine, NV	[illegible]500	293	1962-75
Meadow Valley Wash near Panaca, NV	[illegible]00	450	1945-50
Mathews Canyon Wash near Caliente, NV	0[illegible]0	34.0	1958-84
Pine Canyon Wash near Caliente, NV	094[illegible]0	45.0	1958-84
Muddy River near Overton, NV	0941[illegible]0	8,180	1913-16, 1948-52
Muddy River above Lake Mead near Overton, NV	09419515	8,310	1979-93
Las Vegas Wash above Detention Basin near North Las Vegas, NV	09419648	--	1988-93
Las Vegas Wash at North Las Vegas, NV	09419650	1,300	1962-78
Las Vegas Creek at Lamb Blvd near Las Vegas, NV	09419656	46.3	1988-92
Las Vegas Wash near Henderson, NV	09419700	2,125	1957-83, 1985-88
Flamingo Wash at Maryland Parkway at Las Vegas, NV	09419677	106	1970-78
Las Vegas Wash near Boulder City, NV	09419800	2,193	1969-84
Thousand Springs Creek near Wilkins, NV	10172907	--	1985-90
Thousand Springs Creek near Shores, NV	1017290880	--	1985-87
Thousand Springs Creek Blw Toano Draw near Shores, NV	1017290885	--	1987-89
Thousand Springs Creek near Tacoma, NV	10172910	--	1911-14
Thousand Springs Creek near Montello, NV	10172914	--	1985-90
Snake Creek near Baker, NV	10243230	30.0	1913-15, 1916-17
Baker Creek near Baker, NV	10243250	10.0	1913-16
Franklin River near Arthur, NV	10244720	10.3	1964-83
Overland Creek near Ruby Valley, NV	10244745	9.00	1960-67, 1977-82
Duck Creek near Cherry Creek, NV	10245005	--	1986-88
Currie Spring near Currie, NV	10245030	--	1983-86
Goshute Creek near Cherry Creek, NV	10245040	9.67	1983-86
Newark Valley Trib near Hamilton, NV	10245800	157	1962-86
Big Spring near Duckwater, NV	10246835	--	1970-71
Currant Creek at Ranger Station near Currant, NV	10246850	--	1913
Currant Creek (at Cazier's Ranch) near Currant, NV	10246860	--	1913-17, 1923
Big Warm Spring near Duckwater, NV	10246890	--	1915-16
Duckwater Creek near Duckwater, NV	10246900	--	1915-17
Upper Hot Creek Ranch Springs near Warm Springs, NV	10246910	0.07	1967-72
Hot Creek Ranch Springs near Warm Springs, NV	10246920	--	1967-73
Six Mile Creek near Warm Springs, NV	10246930	19	1967-68, 1984-91
Moores Station Springs at Moores Station, NV	10246940	136	1967-73
Warm Springs at Warm Springs, NV	10246950	--	1967-73
Hot Creek near Warm Springs, NV	10247050	1,030	1967-73
Penoyer Valley Trib near Tempiute, NV	10247860	1.48	1966-77
Eldorado Valley Trib near Nelson, NV	10248510	1.41	1966-77
Willow Creek near Warm Springs, NV	10249190	16.4	1978-92
McClusky Creek near Austin, NV	10249200	11.6	1979, 1981-82
Campbell Creek Trib near Eastgate, NV	10249411	2.14	1964-82
Chiatovich Creek near Dyer, NV	10249900	37.3	1961-82
Lees Creek near Pahrump, NV	10251900	--	1916
Intermittent Springs near Pahrump, NV	10251950	--	1916
Lovell Wash near Blue Diamond, NV	10251980	52.8	1967-77
Virginia Creek near Bridgeport, CA	10289000	63.6	1954-75
Green Creek near Bridgeport, CA	10289500	19.5	1954-75
Summers Creek near Bridgeport, CA	10290000	8.26	1954-59
Robinson Creek near Bridgeport, CA	10291000	40.2	1911-12
Buckeye Creek near Bridgeport, CA	10291500	44.1	1912-14 1954-79
Swauger Creek near Bridgeport, CA	10292000	52.8	1912-15, 1954-75

DISCONTINUED SURFACE-WATER STATIONS--Continued

Station Name	Station Number	Drainage area (mi^2)	Period of Record
East Walker River below Sweetwater Creek near Bridgeport, CA	10293050	467	1974-82
East Walker River above Mason Valley near Mason, NV	10294000	--	1916-18,
near Mason, NV			1921-24
East Walker River near Yerington, NV	10294500	--	1903-08
East Walker River near Mason, NV	10295000	1,230	1911-16
West Walker River at Leavitt Meadows, near Coleville, CA	10295200	73.0	1945-64
Little Walker River near Bridgeport, CA	10295500	63.1	1945-86
Saroni Canal near Wellington, NV	10298000	--	1920-23
West Walker River near Wellington, NV	10298500	521	1918-24
Desert Creek near Wellington, NV	10299100	50.4	1965-69
Walker River near Nordyke, NV	10300500	--	1895
Walker River near Mason, NV	10300600	2,400	1974-84
Walker River at Mason, NV	10301000	--	1911-16,
			1921-23
Walker River at Shurz, NV	10302000	2,850	1914-33
East Fork Carson River above Soda Springs Ranger Station, near Markleeville, CA	10302500	30	1947-51
Silver King Creek near Coleville, CA	10303000	31.6	1947-51
East Fork Carson River at Silver King Valley, near Markleeville, CA	10303500	--	1911-12
Wolf Creek near Markleeville, CA	10304000	11.7	1947-51
Silver Creek below Pennsylvania Creek, near Markleeville, CA	10304500	19.6	1947-57
Silver Creek near Markleeville, CA	10305000	27.3	1911-12
East Fork Carson River near Markleeville, CA	10305500	208	1911-31
Hot Springs Creek near Markleeville, CA	10306000	14.3	1947-57
Hot Springs Creek at Markleeville, CA	10306500	26.7	1912-30
Pleasant Valley Creek above Raymond Canyon Creek near Markleeville, CA	10307000	14.6	1947-50
Pleasant Valley Creek near Markleeville, CA	10307500	25.2	1911-12
Markleeville Creek at Markleeville, CA	10308000	53.7	1911-31
East Fork Carson River at California-Nevada State Line, CA	10308500	300	1911-14
Indian Creek at Woodfords, CA	10309025	1.7	1987-91
Indian Creek at Diamond Valley near Paynesville, CA	10309030	16.15	1987-91
West Fork Carson River above Woodfords, CA	10309500	53	1947-51
Carson River at Genoa, NV	10310405	570	1974-82
Vicee Canyon Creek near Carson City, NV	10311250	1.30	1983-85
Carson River near Empire, NV	10311500	988	1901-07,
			1911-23
Buckland Ditch near Fort Churchill, NV	10311900	--	1962-72
Stillwater Slough Cutoff Drain near Stillwater, NV	10312220	--	1967-81
Paiute Diversion Drain near Stillwater, NV	10312240	--	1967-81
Paiute Drain above D-line Canal near Stillwater, NV	10312250	--	1989-90
Indian Lakes Canal near Fallon, NV	10312260	--	1967-81
Indian Lakes Canal below East Lake near Stillwater, NV	10312265	--	1979-82
D-line Canal below East Lake near Stillwater, NV	10312267	--	1989
Paiute Drain at Wildlife Entrance near Stillwater, NV	10312270	--	1980-82
TJ Drain at Wildlife Entrance near Stillwater, NV	10312274	--	1989-90
Carson River below Fallon, NV	10312280	--	1967-85
Bishop Creek near Wells, NV	10312500	125	1910-11
Starr Creek near Teeth, NV	10313000	--	1913-24
Marys River at Marys River Cabin, near Deeth, NV	10313500	--	1913-14
Hanks Creek near Deeth, NV	10314000	--	1913-14
Marys River at Buena Vista Ranch, near Deeth, NV	10314500	--	1913-14
Marys River near Deeth, NV	10315000	355	1903,
			1912-28
Secret Creek near Halleck, NV	10316000	35.0	1917-24
Lamoille Creek near Halleck, NV	10317000	245	1913-19
North Fork Humboldt River near North Fork, NV	10317400	11.0	1965-82
Mahala Creek near Tuscarora, NV	10317420	4.48	1980-85
Mahala Creek at State Hwy 225 near Tuscarora, NV	10317430	22.9	1980-82
Gance Creek near Tuscarora, NV	10317450	6.45	1980-87
Gance Creek at State Hwy 225 near Tuscarora, NV	10317460	20.2	1980-82
North Fork Humboldt River at Devils Gate near Halleck, NV	10317500	830	1914-22,
			1944-82
North Fork Humboldt River near Halleck, NV	10318000	1,020	1898-1900,
			1904-14
South Fork Humboldt River near Lee, NV	10319000	54.0	1945-55
Huntington Creek near Lee, NV	10319500	770	1949-73
Tenmile Creek above South Fork Humboldt River near Elko, NV	10319950	164	1989-90
South Fork Humboldt River near Elko, NV	10320500	1,310	1896-1922,
			1924-32,
			1937-74
Susie Creek near Carlin, NV	10321500	82.5	1956-58
Jack Creek below Indian Creek near Carlin, NV	10321860	10.47	1991-93
Maggie Creek near Carlin, NV	10321970	--	1990-91
Pine Creek near Palisade, NV	10323000	999	1912-14,
			1946-58
Humboldt River near Dunphy, NV	10323400	--	1981-83
Humboldt River near Argenta, NV	10323500	7,490	1946-83
Humboldt River below Slaven Ditch near Argenta, NV	10323600	--	1981-84
Rock Creek at Rock Creek Ranch near Battle Mountain, NV	10324000	--	1915, 1917
Reese River near Ione, NV	10325500	53.0	1951-80
Reese River near Berlin, NV	10326000	94.0	1913-16

DISCONTINUED SURFACE-WATER STATIONS--Continued

Station Name	Station Number	Drainage area (mi^2)	Period of Record
Big Creek near Austin, NV	10326500	9.0	1914,1916
Reese River near Austin, NV	10326700	1,130	1964-68
Fish Creek near Battle Mountain, NV	10326800	64.7	1977-85
Humboldt River near Valmy, NV	10327000	--	1950-58
Pole Creek near Golconda, NV	10328000	10.7	1961-74
North Fork Little Humboldt River near Paradise Valley, NV	10328450	210	1976-82
South Fork Little Humboldt River near Paradise Valley, NV	10328475	431	1976-83
Little Humboldt River below Chimney Dam near Paradise Valley, NV	10328500	780	1942-51, 1975-82
Cottonwood Creek near Paradise Valley, NV	10330000	--	1925-34
Cottonwood Creek at Paradise Valley, NV	10330500	57.4	1945-51
Humboldt River near Winnemucca, NV	10330900	14,600	1961-64
Humboldt River near Rose Creek, NV	10331500	15,200	1948-70
H L I L & P Company Feeder Canal near Mill City, NV	10332490	--	1914-31, 1937-38
H L I L & P Company Feeder Canal near Imlay, NV	10332500	--	1947-76
Humboldt River near Humboldt, NV	10333500	--	1933
H L I L & P Company Outlet Canal near Humboldt, NV	10334000	--	1914-20, 1922-41
Humboldt River near Lovelock, NV	10336000	16,600	1912-27, 1950-59
Lower Humboldt Drain near Lovelock, NV	10336050	--	1965-66
Fallen Leaf Lake near Camp Richardson, CA	10336625	16.7	1969-92
Taylor Creek near Camp Richardson, CA	10336626	16.7	1969-92
Edgewood Creek Trib near Daggett Pass, NV	10336756	--	1981-83
Trib Of Edgewood Creek Trib near Tahoe Village, NV	10336757	--	1981-83
Edgewood Creek Trib at Highland Drive near Tahoe Village, NV	10336758	--	1981-83
Edgewood Creek at Lake Tahoe near Stateline, CA	10336765	5.50	1989-92
Truckee River near Truckee, CA	10338000	553	1945-61, 1977-82
Donner Creek near Truckee, CA	10339000	29.4	1902-15, 1928-43
South Fork Prosser Creek near Truckee, CA	10339500	6.37	1910
Prosser Creek at Hobart Mills, CA	10339700	27.4	1959-63
Alder Creek near Truckee, CA	10339900	7.47	1959-69, 1971-73
Prosser Creek near Truckee, CA	10340000	47.4	1904, 1908-12
Webber Creek near Truckee, CA	10341000	14.7	1910
Little Truckee River near Truckee, CA	10341500	32.3	1910
Little Truckee River near Hobart Mills, CA	10342000	37.1	1947-72
Little Truckee River at Highway 89 near Truckee, CA	10343200	59.0	1993-94
Truckee River near Essex, NV	10347000	991	1889
Dog Creek near Verdi, CA	10347300	16.2	1956-61
Truckee River at Laughtons, CA	10347500	1,050	1890
Hunter Creek near Reno, NV	10347600	11.5	1962-72, 1978-81
Peavine Creek near Reno, NV	10347800	2.34	1963-74
Franktown Creek at Franktown, NV	10348500	14.0	1948-55, 1958
Galena Creek near Steamboat, NV	10348900	8.5	1961-1994
Steamboat Creek at Steamboat Springs, NV	10349500	123	1900-01
Whites Creek near Steamboat, NV	10349700	8.02	1962-66
Truckee River at Clarks, NV	10350500	--	1907-15
Fernley A-Drain near Fernley, NV	10351350	--	1969-80
'A' Drain at Powerline Crossing near Fernley, NV	10351356	--	1989-90
Truckee River near Wadsworth, NV	10351800	--	1902-05
East Fork Quinn River near McDermitt, NV	10353000	140	1949-82
Quinn River near McDermitt, NV	10353500	1,100	1949-85
Quinn River near Denio, NV	10353650	3,520	1964-67, 1978-81
Leonard Creek near Denio, NV	10353700	52.0	1961-83
Red Mountain Creek near Gerlach, NV	10353790	30.0	1967-68
Badger Creek Trib near Vya, NV	10361700	7.70	1964-72
Owyhee River at Patsville, NV	13174900	305	1972-75
Owyhee River at Mountain City, NV	13175000	350	1913-14, 1927-49
Owyhee River near Owyhee, NV	13175500	380	1914-26
Owyhee River above China Diversion Dam near Owyhee, NV	13176000	458	1939-84
Jack Creek below Schoonover Creek near Tuscarora, NV	13176900	19.8	1962-69
Jack Creek near Tuscarora, NV	13177000	31.0	1913-25
South Fork Owyhee River at Spanish Ranch near Tuscarora, NV	13177200	330	1959-74
South Fork Owyhee River near Deep Creek, NV	13177500	--	1921-24
South Fork Owyhee River near Whiterock, NV	13177800	1,080	1956-82
Big Spring near Ash Meadows, NV	362230116162400	--	1976-88
Jack Rabbit Spring near Ash Meadows, NV	362324116163900	--	1976-88
Point Of Rocks Spring near Ash Meadows, NV	362405116161300	--	1976-81, 1984-86
School Spring near Ash Meadows, NV	362538116181100	--	1981
Marsh Spring near Ash Meadows, NV	362547116183500	--	1981
Scrugs Spring near Ash Meadows, NV	362601116182800	--	1981
Fairbanks Spring near Ash Meadows, NV	362924116203001	--	1976-88

DISCONTINUED SURFACE-WATER-QUALITY STATIONS

The following stations were discontinued as continuous-record surface-water-quality stations in Nevada. Daily records of temperature, specific conductance, pH, or dissolved oxygen were collected and published for the period of record shown for each station. Abbreviations: DO, dissolved oxygen; SC, specific conductance; WT, water temperature.

Station Name	Station number	Drainage area (mi^2)	Type of record	Period of record (water years)
Virgin River at Littlefield, AZ	09415000	5,090	WT	1947-88
			SC	1950-60, 1965-88
Virgin River above Halfway Wash near Riverside, NV	09415230	5,980	WT, SC	1978-82
Las Vegas Wasteway near East Las Vegas, NV	09419679	--	WT, SC	1980-87, 1979-87
Pahranagat Valley Wash near Moapa, NV	09415850	252	WT,SC	1988-93
Muddy River near Moapa, NV	09416000		WT, SC	1988-93
Meadow Valley Wash near Rox, NV	09418700	2,384	WT, SC	1988-93
Las Vegas Wash above detention basin near North Las Vegas, NV	09419648	--	WT, SC	1989-93
Las Vegas Wash near Henderson, NV	09419700	2,125	WT, SC	1986-87
Las Vegas Wash at powerline crossing below Henderson, NV	09419755	--	WT, SC	1986-87
Las Vegas Wash near Boulder City, NV	09419800	2,193	WT	1979-86
			SC	1976-77, 1979-86
Colorado River below Hoover Dam, AZ-NV	09421500	171,700	WT	1980, 1986-87
			SC	1986-87
Steptoe Creek near Ely, NV	10244950	11.1	WT	1967-83
South Twin River near Round Mountain, NV	10249300	20.0	WT	1966-68, 1970-83
Chiatovich Creek near Dyer, NV	10249900	37.3	WT	1975-82
Walker River near Wabuska, NV	10301500	2,600	WT, SC	1969-76
Leviathan Creek above mine near Markleeville, CA	10308783	--	WT, SC	1981-82
Leviathan Mine tunnel spring near Markleeville, CA	10308784	--	WT, SC	1981-82
Leviathan Mine pit flow near Markleeville, CA	10308785	--	WT, SC	1982
Leviathan Mine waste flow near Markleeville, CA	10308786	--	WT, SC	1981
Leviathan Mine seep below crusher near Markleeville, CA	10308787	--	WT, SC	1982
Leviathan Creek below delta near Markleeville, CA	10308788	--	WT, SC	1982
Leviathan Creek below mine near Markleeville, CA	10308790	--	WT, SC	1981-82
Bryant Creek below Mountaineer Creek near Markleeville, CA	10308794	--	WT, SC	1982
Bryant Creek near Gardnerville, NV	10308800	31.5	WT, SC	1982-83
East Fork Carson River near Gardnerville, NV	10309000	356	WT	1953-72
Carson River near Fort Churchill, NV	10312000	1,302	WT, SC	1972-82
Carson River near Silver Springs, NV	10312020	1,450	WT, SC	1963-71
Carson River below Lahontan Reservoir near Fallon, NV	10312150	1,801	WT	1981-83
Stillwater Point Diversion Drain near Stillwater, NV	10312215	--	WT, SC, pH, DO	1988-90
Paiute Drain above D-line Canal near Stillwater, NV	10312250	--	WT, SC	1988-90
			pH, DO	1988-89
D-line Canal below East Lake near Stillwater, NV	10312267	--	WT, SC, pH, DO	1989
TJ Drain at wildlife entrance near Stillwater, NV	10312274	--	WT, SC, pH, DO	1988-90
Humboldt River near Carlin, NV	10321000	4,310	WT	1966-68, 1981-83
Humboldt River at Palisade, NV	10322500	5,010	WT	1962-65
Reese River near Ione, NV	10325500	53	WT	1962
Humboldt River near Rye Patch, NV	10335000	16,100	WT	1952-58, 1960-81
			SC	1965-81
Third Creek near Crystal Bay, NV	10336698	6.05	WT,	1980-85
			SC	1980-84
Truckee River at Tahoe City, CA	10337500	507	WT	1993-94
Truckee River near Truckee, CA	10338000	553	WT	1977-82, 1993-94
Donner Creek at Highway 89 near Truckee, CA	10338700	29.1	WT	1993-1994
Martis Creek at Highway 267 near Truckee, CA	10339250	25.8	WT	1975-88
Little Truckee River below Diversion Dam near Sierraville, CA	10341950	36.1	WT	1994
Little Truckee River at Highway 89 near Truckee, CA	10343200	59.0	WT	1994
Bronco Creek at Floriston, CA	10345700	15.4	WT	1993-94
Truckee River at Floriston, CA	10345900	932	WT, SC	1964-71
Truckee River at Farad, CA	10346000	932	WT	1972-81
			SC	1972-80
Dog Creek at Verdi, NV	10347310	--	WT	1993-94
Truckee River near Verdi, NV	10347336	--	WT	1980
Truckee River at Mogul, NV	10347460	1,035	WT	1994
Hunter Creek above Last Chance Ditch near Reno, NV	10347620	11.7	WT	1993-94
Truckee River at Lockwood, NV	10350050	1,433	WT	1980-81
Truckee River above Tracy, NV	10350390	1,590	WT	1972-82
Truckee River below Tracy, NV	10350400	1,590	WT	1972-82
Truckee River right bank below Tracy, NV	10350405	1,590	WT	1972-82

DISCONTINUED SURFACE-WATER-QUALITY STATIONS--Continued

Station Name	Station number	Drainage area (mi^2)	Type of record	Period of record (water years)
Truckee River at Clark, NV	10350500	1,600	SC	1984-88
Truckee River at Derby Dam, NV	10351000	1,676	WT	1980-81
"A" Drain at powerline crossing near Fernley, NV	10351356	--	WT, SC, pH, DO	1988-90
Truckee Canal at U.S. 50 above Lahontan Reservoir, NV	10351590		WT	1980
Truckee River at Wadsworth, NV	10351650	1,728	WT	1965-80
McDermitt Creek near McDermitt, NV	10352500	225	WT	1975-78
Quinn River near McDermitt, NV	10353500	1,100	WT, SC	1980-83
South Lead Lake-Southwest landing	393652118311201	--	WT, pH	1988-90
			SC, DO	1988-89

WATER RESOURCES DATA - NEVADA, 1995

INTRODUCTION

Water-resources data published herein for the 1995 water year comprise the following records:

- Water discharge for 178 gaging stations on streams, canals, and drains.
- Discharge data for 113 peak-flow stations and miscellaneous sites, and 46 springs.
- Stage and contents for 22 lakes and reservoirs.
- Water levels for 167 primary observation wells, and 872 secondary observation wells.
- Water-quality data for 171 stream, canal, spring and drain sites, 111 wells, and 5 precipitation sites.
- Precipitation totals for 58 stations.

Additional water data, collected at various sites that are not part of the systematic data-collection program, are published as miscellaneous measurements. These data represent that part of the National Water Data System operated by the U.S. Geological Survey and cooperating State and Federal agencies in Nevada.

Records of stream discharge and content or stage of lakes and reservoirs were first published in a series of U.S. Geological Survey water-supply papers entitled "Surface Water Supply of the United States." Through water year 1960, these water-supply papers were in an annual series; for 1961-70, they were in a 5-year series. Records of water quality were published from 1941 to 1970 in an annual series of water-supply papers entitled "Quality of Surface Waters of the United States." Records of ground-water levels were published through 1974 in a series of water-supply papers entitled "Ground-Water Levels in the United States." Water-supply papers may be consulted at the libraries of principal cities in the United States, or, if not out of print, they may be purchased from the U.S. Geological Survey, Information Services, Federal Center, Box 25286, Denver, CO 80225-0046.

For water years 1961 through 1974, streamflow data were released by the Geological Survey in annual reports on a State-by-State basis. Water-quality records for water years 1964 through 1974 were similarly released, either in separate reports or in conjunction with the streamflow records.

Beginning with the 1975 water year, surface-water, ground-water, and water-quality data have been published annually as official Geological Survey reports on a State basis. These reports carry an identification number consisting of the two-letter State abbreviation, the last two digits of the water year, and the volume number. For example, this volume is identified as "U.S. Geological Survey Water Data Report NV-95-1." For archiving and general distribution, the reports for water years 1971-74 are identified also as official water-data reports. The water-data reports are for sale, in paper copy or in microfiche, by the National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161. For further ordering information, the Customer Inquiries telephone number is (703) 487-4650, between 8:30 am and 5:30 pm EST.

COOPERATION

The U.S. Geological Survey and organizations of the State of Nevada have had cooperative agreements for the systematic collection of streamflow records since 1909, and for water-quality records since 1951. Organizations that assisted in collecting data or funding through cooperative agreement with the Survey during 1995 are:

Nevada Department of Conservation and Natural Resources
  Nevada Division of Water Resources
  Nevada Division of Environmental Protection

Nevada Department of Transportation
California Department of Water Resources
Carson-Truckee Water Conservancy District
Carson Water Sub-Conservancy District
Clark County Flood Control District
Clark County Sanitation District
Las Vegas Valley Water District
Summit Lake Paiute Tribe
Tahoe Regional Planning Agency
Truckee-Carson Irrigation District
Walker River Irrigation District
Douglas County
Washoe County Department of Comprehensive Planning
Washoe County Public Works Department
City of Carson City
City of Henderson
City of Las Vegas
City of Reno
City of Sparks
Duck Valley Shoshone-Paiute Tribe

The following Federal Agencies assisted in the data-collection program by providing funds or services:

Bureau of Land Management
Bureau of Reclamation
Corps of Engineers, U.S. Army
Department of Energy
Fish and Wildlife Service
Forest Service
National Park Service
U.S. Board of Water Commissioners
U.S. District Court Watermaster

Organizations that supplied data are acknowledged in station descriptions.

SUMMARY OF HYDROLOGIC CONDITIONS

Compiled by Robert E. Bostic, E. James Crompton, Karen A. Mello, and Sonya L. Vasquez

Surface Water

Nevada has no truly large rivers. The largest streams in the State are the Humboldt, Truckee, Carson, Walker, Muddy, Virgin, and Colorado Rivers. The Colorado River, which is by far the largest, forms the boundary between southeastern Nevada and northwestern Arizona. Of the remaining listed rivers, only the Humboldt and Muddy begin and terminate in Nevada.

The larger rivers typically follow the flow pattern of a gaining stream in the well-watered mountain reaches and a losing stream in the lower-altitude reaches. Most of Nevada is typified by basin-and-range topography, and most Nevada rivers have no direct connection with the ocean. Downstream depletion of flow is caused by irrigation, public use, infiltration, and evapotranspiration. Characteristically, stream discharge is low in late summer, and then increases through the autumn and winter until the snowmelt season in the spring. Maximum discharge for the year normally can be expected in May and June, although floods have occurred from November through March as a result of rain or rain on snow.

Much of Nevada is drained by small streams that are dry most of the year. Typically, such streams respond only to intense precipitation, which generally occurs only a few times a year at the most. In many years, the streams have no flow, and even in relatively wet years, total flow duration in such streams can be measured in hours.

Generally, streams throughout Nevada experienced above normal conditions during water year 1995. Since water year 1987, only water years 1993 and 1995 had near or above normal runoff for most areas of the State. Runoff totals in most of the major drainages of the state were above normal.

The Humboldt River begins in northeastern Nevada and terminates in northwestern Nevada. For water year 1995, the discharge at Palisade (station 10322500) was 160 percent of the 88-year mean. Monthly and annual mean discharges for water year 1995 and for the period of record (water years 1903-06, 1912-95) at the Palisade station are shown in figure 1. Rye Patch Reservoir (station 10334500), the last impoundment on the Humboldt River, at its highest level was 52 percent of full capacity at the end of July, from a low of 1 percent at the beginning of October.

The Truckee River is a major western Nevada stream for which discharge is largely controlled by reservoirs and regulated lakes in the Sierra Nevada of California and Nevada. The Truckee River begins at Lake Tahoe (station 10337000) which is regulated above its natural rim (6,223 feet above sea level). This year Lake Tahoe rose above its rim March 15, with the water surface ranging between 6,221.01 in late October and 6,226.99 feet above sea level the end of July. The 1995 discharge at Reno (station 10348000) was 121 percent of the 68-year mean (water years 1907-21, 1926, 1931-34, 1947-95). The river terminates in Pyramid Lake (station 10336500), a closed-basin water body which is a saline remnant of Pleistocene Lake Lahontan. Water-surface elevations, in figure 2, illustrate a decline from 1975 through 1981, an increase during 1982-84, and a steady decline since 1986 until this year. The high discharge in the Truckee River from 1982 through 1984 dramatically raised the lake level, by about 25 feet. The lake-surface elevation increased 3.7 feet during the 1995 water year, from 3,793.2 in January to 3,796.9 feet above sea level in July.

The Carson River flows mostly in Nevada, with its headwaters in the Sierra Nevada of California. The 1995 discharge at Carson City (station 10311000) was 221 percent of the 56-year mean. Monthly and annual mean discharges for water year 1995 and for the period of record (water years 1940-95) at the Carson City station are shown in figure 1. Lahontan Reservoir (station 10312100), the major impoundment on the Carson River, at its highest level was 107 percent of full capacity near the end of July, from a low 1.9 percent at the beginning of October.

The Walker River is formed in Mason Valley by the confluence of the East and West Walker Rivers; both rivers originate in the Sierra Nevada of California. The East Walker River discharge is controlled by Bridgeport Reservoir and the West Walker River by Topaz Lake. The 1995 discharge of the Walker River at Wabuska (station 10301500) was 221 percent of the 70-year mean (water years 1904, 1921-35, 1940-41, 1943, 1945-95). The river terminates in Walker Lake (station 10288500) north of Hawthorne , which is also a saline remnant of ancient Lake Lahontan similar to Pyramid Lake. Water-surface elevations for the lake are shown in figure 2 and illustrate a steady decline from 1969 through 1981 like that of Pyramid Lake. In contrast, the high discharges in the Walker River from 1982 through 1984 raised the lake level by about 14 feet. Lake levels have steadily declined since 1986 until May this year. The lake-surface elevation increased 4.8 feet during the 1995 water year, from 3,941.1 in May to 3,945.9 feet above sea level in August.

The Colorado River in southeastern Nevada is completely controlled by a series of impoundments that includes Hoover Dam (station 09421000) and Davis Dam (station 09422500) in Nevada. Since 1935, the mean annual discharge of the river below Hoover Dam (station 09421500) is 13,840 cubic feet per second. Mean annual discharge fluctuates on the basis of upstream supply and downstream hydroelectric-power and irrigation requirements. The 1995 discharge of the Colorado River below Hoover Dam was 87 percent of the 61-year mean (water years 1935-95).

The Virgin River is one of the major tributaries to Lake Mead on the Colorado River and has most of its drainage area in Utah and Arizona. The discharge at Littlefield, Ariz. (station 09415000) was 202 percent of the 66-year mean (water years 1930-95).

The Muddy River is another tributary to Lake Mead. The discharge at Glendale (station 09419000) was 75 percent of the 44-year mean (water years 1951-1983, 1985-95).

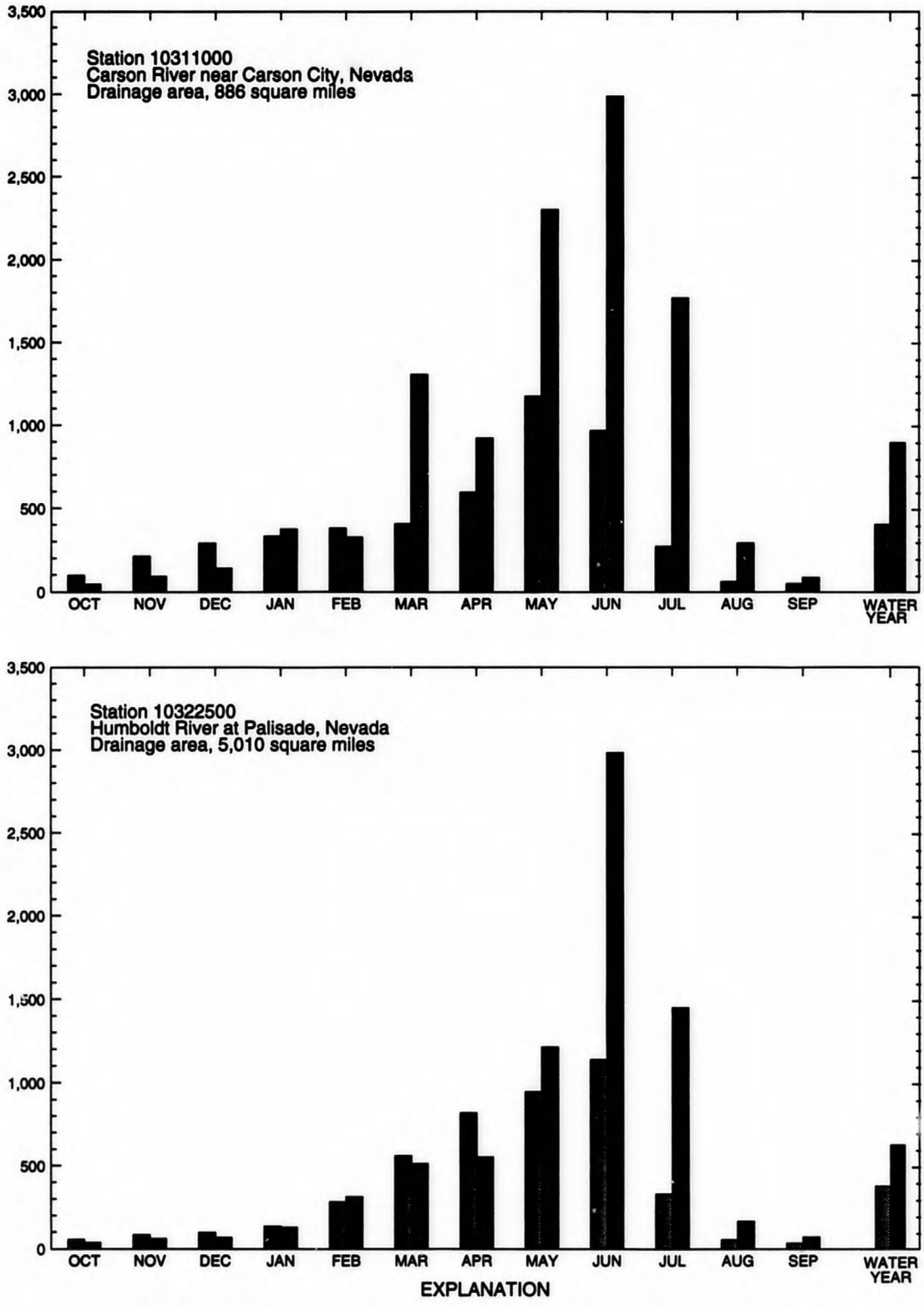

Figure 1. Comparison of discharge during water year 1995 with the long-term mean discharge at two representative gaging stations.

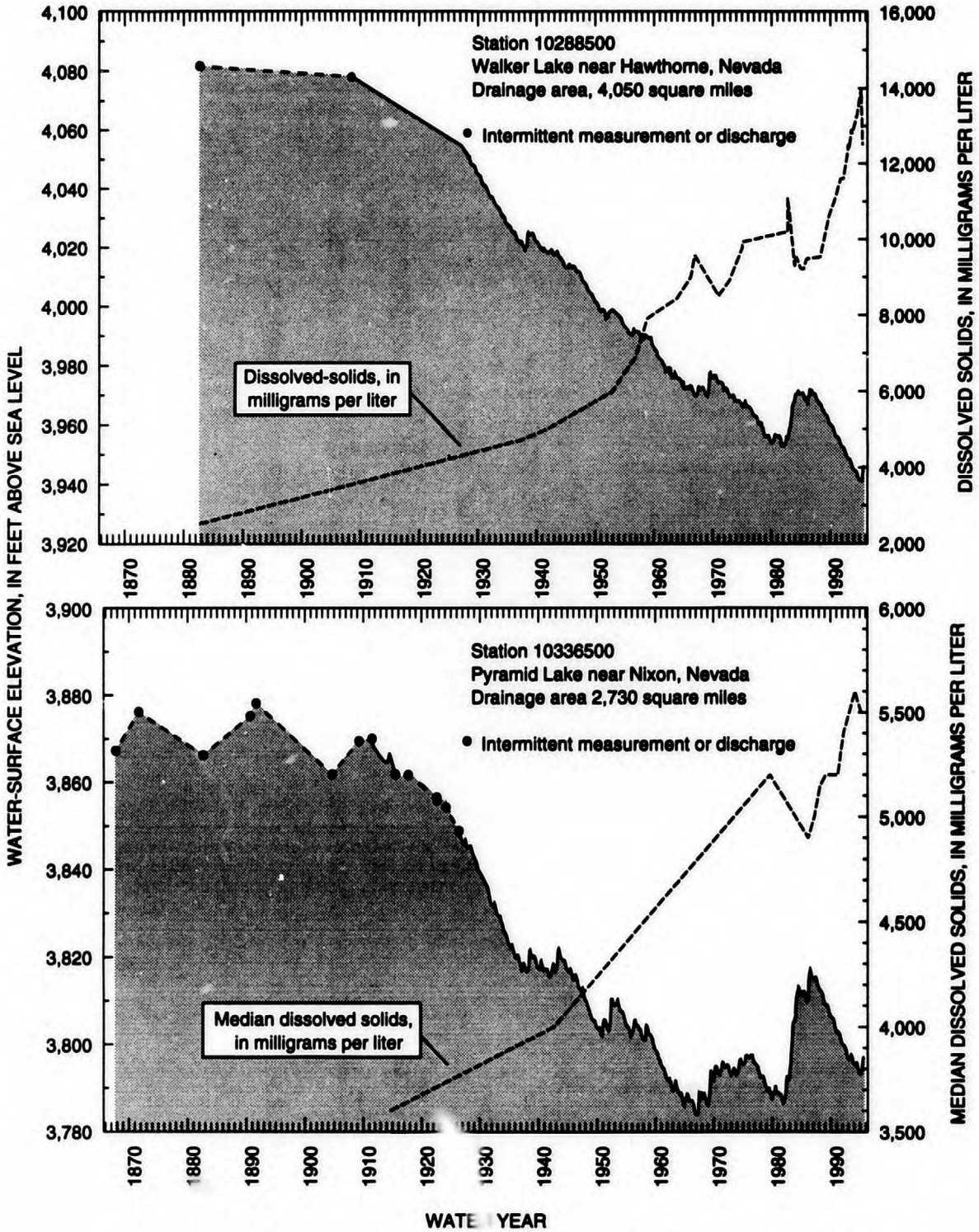

Figure 2. Water-surface elevation and dissolved-solids concentration at Walker and Pyramid Lakes (data from Desert Research Institute, Nevada Division of Wildlife, Pyramid Lake Fisheries, and U.S. Geological Survey).

Surface-Water Quality

The quality of surface water in Nevada varies greatly from place to place, as well as seasonally. Concentrations of dissolved solids are generally higher in the southern part of the state than in the northern part, and are dependent to a large extent upon water discharge. Concentrations usually are greatest during periods of low streamflow, and lowest during periods of high streamflow due to dilution by precipitation or snowmelt.

The ranges of dissolved-solids concentrations for the period of record at selected stations are presented in figure 3. Measured concentrations of dissolved solids range from 61 to 738 mg/L at stations in the northern part of the state, and from 433 to 4,250 mg/L at stations in the southern part. Mean concentrations of dissolved solids for the period of record and for the 1995 water year also are indicated in figure 3. Table 1 presents mean discharge and dissolved-solids data for the period of record and compares it to data for the 1995 water year.

At Carson River near Carson City (station 10311000) mean dissolved-solids concentrations in water year 1995 were 121 percent of the long-term mean. During the 1995 water year, discharge was 221 percent, of the long-term means.

At two southern Nevada stations, Virgin River at Littlefield (station 09415000), and Colorado River below Hoover Dam (station 09421500), mean dissolved-solids concentrations in the 1995 water year were, respectively, 85 percent and 100 percent of the means for the period of record. During the 1995 water year, discharges at those stations were 202 and 87 percent of the long-term means. Figure 4 shows the dissolved-solids concentrations measured at the Colorado River station since the 1970 water year. The downward trend in concentration during 1983-85 probably was the result of dilution by 5 consecutive years of greater than average inflow to Lake Mead. During 1988-95, in contrast, the concentration has increased, presumably because the amount of runoff from the upper basin has been less than the long-term mean.

Table 1.--Comparison of streamflow and dissolved-solids concentrations at National network and selected water-quality sites for the period of record and for the 1995 water year

Station name and number	Mean discharge (cubic feet per second)		Mean for 1995, as percentage of long-term mean	Mean concentration of dissolved solids (milligrams per liter)		Mean for 1995, as percentage of long-term mean
	Period of record	1995		Period of record	1995	
Virgin River at Littlefield, AZ (09415000)	244	493	202	1,990	1,700	85
Colorado River below Hoover Dam, AZ-NV (09421500)	13,840	12,090	87	698	698	100
Steptoe Creek near Ely, NV (10244950)	7.07	9.07	128	180	194	108
South Twin River near Round Mountain, NV (10249300)	6.60	15.1	229	86	87	101
Carson River near Carson City, NV (10311000)	401	887	221	200	242	121
Humboldt River near Carlin, NV (10321000)	373	593	159	302	284	94

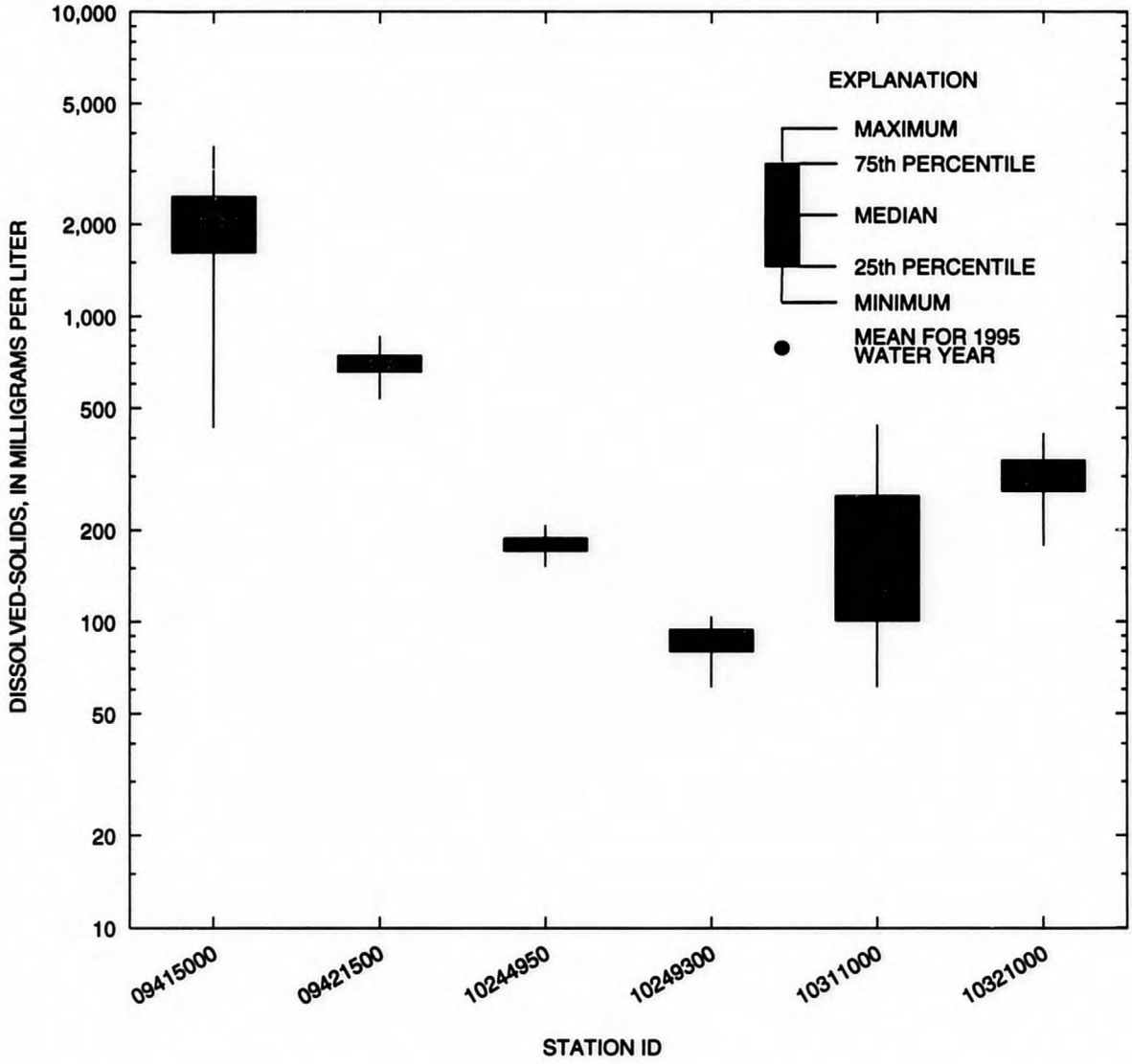

Figure 3. Mean dissolved-solids concentrations in selected water-quality sites in 1995, compared with ranges of dissolved-solids for periods of record.

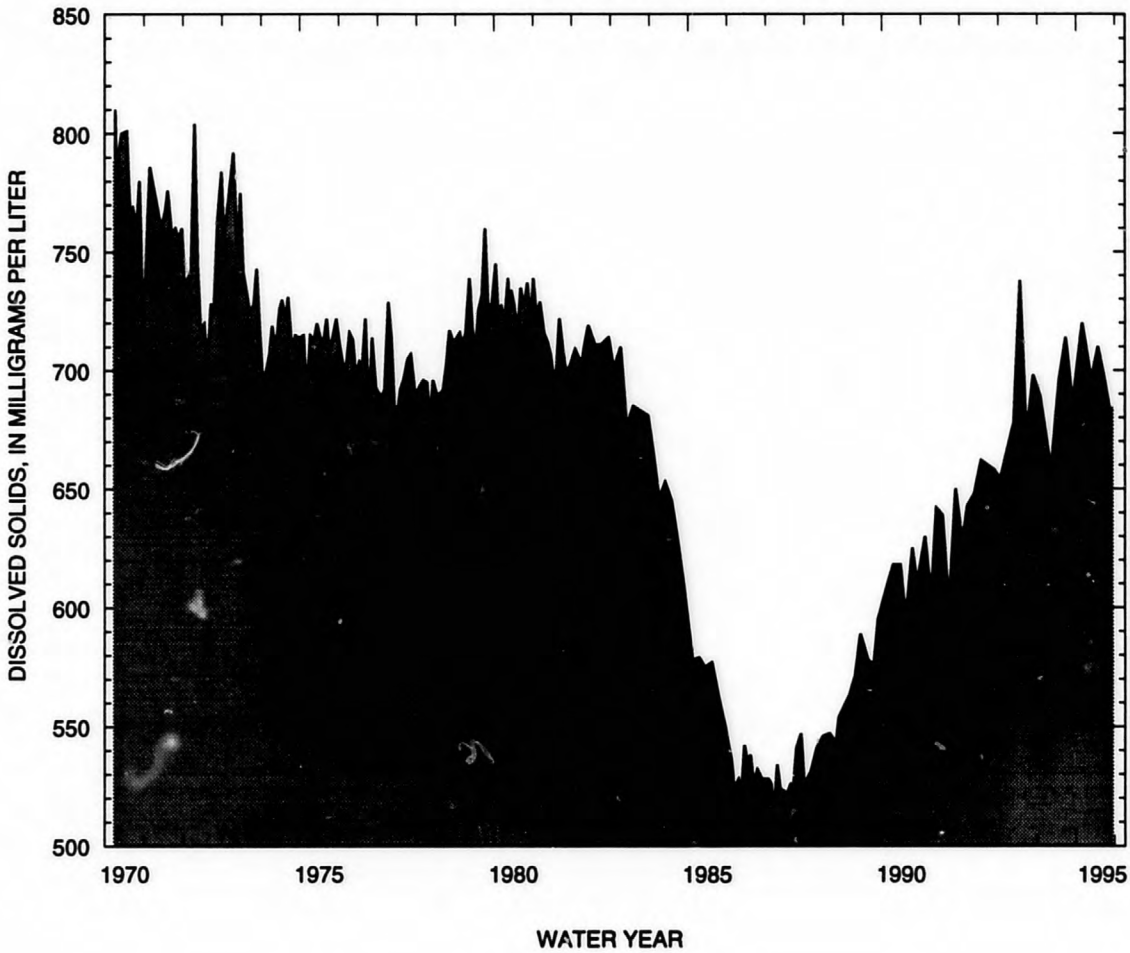

Figure 4. Dissolved-solids concentrations in the Colorado River below Hoover Dam (Station 09421500) for water years 1970-95.

Ground Water

Development of ground-water supplies in Nevada continued during water year 1995 and 3,160 Well Drillers' Reports (well logs) were submitted to the State Engineer's office. During 1995, 2,738 new wells were drilled and 422 existing wells were reworked or abandoned. The number of new wells drilled during water years 1971-95 are shown on figure 5. New wells are lumped into 4 categories of proposed water use; domestic, irrigation, public supply and industrial, and other (which includes all other proposed uses). More than half of the new wells were drilled for domestic use (figure 6). Most of the new wells represented in the other category were test wells. The other category also includes wells drilled for artificial recharge, dewatering, livestock, and mining (figure 6).

Well drilling was concentrated in the north-central, northwestern, and southern parts of the State. Drilling in north-central Nevada was mainly for domestic use near the communities of Elko and Winnemucca and mainly test drilling in the areas between Elko and Winnemucca. Drilling in northwestern Nevada was concentrated in and around the Reno-Lake Tahoe areas particularly near the communities of Minden-Gardnerville and Fallon. While test drilling was predominant near Reno, drilling in the outlying areas was predominantly for domestic use. Drilling in southern Nevada was concentrated in and around the Las Vegas area; particularly near the community of Pahrump. While test drilling was predominant in Las Vegas, domestic wells were predominant in the outlying communities.

Nevada is almost entirely within the Great Basin region of the Basin and Range physiographic province. The region is characterized by mountain ranges with a general north-south orientation separated by basins (valleys) that are filled by accumulations of unconsolidated to partly consolidated sedimentary deposits and underlain by consolidated rocks that also form the surrounding ranges (Stewart, 1980). Most wells have been drilled into unconsolidated basin-fill deposits. Some consolidated rocks yield substantial quantities of water, particularly in parts of eastern and southern Nevada where ground water flows through thick accumulations of limestone and dolomite. Locally, some fractured volcanic rocks also yield substantial quantities of water. Water wells, however, are not commonly drilled into consolidated rocks, because the well yields are less predictable and most present-day development is in basins where water is readily obtained from shallow depths in unconsolidated deposits.

The depths of the wells drilled in 1995 are shown in figure 7. Domestic wells were most commonly drilled to depths between 125 and 250 feet below land surface. Wells drilled for irrigation use were most commonly drilled to depths between 250 and 375 feet. Public supply and industrial wells were most commonly drilled to depths between 0 and 125 feet. Wells in the other category, primarily test holes, were most commonly drilled to depths less than 125 feet.

Ground-water levels fluctuate seasonally and annually in response to changes in withdrawals and climatic conditions. These fluctuations can cause changes in natural recharge to and discharge from the ground-water reservoirs. Water levels generally rise from late winter to early summer, in response to (1) runoff from melting snow in the surrounding mountain ranges, particularly in the northern part of the State and (2) application of surface water for irrigation. Water levels generally decline from summer to early winter, when recharge is small and ground water is discharged by evapotranspiration, irrigation, and domestic use. Long-term climatic changes also can affect water-level trends, but the effects occur over a period of years. Superimposed on the natural fluctuations in water levels are changes caused by increasing or decreasing ground-water withdrawals.

Water-level trends for six selected observation wells are shown in figure 8. The well in Paradise Valley is close to a stream used for irrigation. The well in Eagle Valley taps aquifers used for public supply. The well in Pahrump Valley is in a basin undergoing transition from irrigation to domestic use. The well in Diamond Valley is in an area of intensive irrigation. The well in White River Valley is in a relatively undeveloped basin. The well in Las Vegas Valley taps aquifers used for public supply.

The well in Paradise Valley is in the northwestern part of the basin. Water levels may fluctuate primarily in response to variations in nearby surface-water streamflow. The well probably does not reflect responses to ground-water withdrawals for agricultural irrigation in the central to southern parts of the basin.

The well in Eagle Valley is in the northern part of the basin north of Carson City. Water levels in the new Eagle Valley well may reflect responses to ground-water withdrawals for municipal use.

The well in Pahrump Valley is in the west-central part of the basin. Ground-water use has changed from historically agricultural to residential because Pahrump has become a bedroom community for Las Vegas. Water levels may reflect this transition.

The well in Diamond Valley is in the southern part of the basin in a farming area. Water levels may reflect responses to ground-water withdrawals for agricultural irrigation.

The well in White River Valley is in the central part of the basin and was replaced last year because the old well was destroyed. Water levels in the new White River Valley well may respond primarily to fluctuations in climatic conditions.

The well in Las Vegas Valley is in the northwestern part of the basin northwest of Las Vegas. Las Vegas has undergone a tremendous population increase and surface-water imports from Lake Mead have exceeded ground-water withdrawals since 1975. Water levels may reflect responses to ground-water withdrawals for municipal and commercial use.

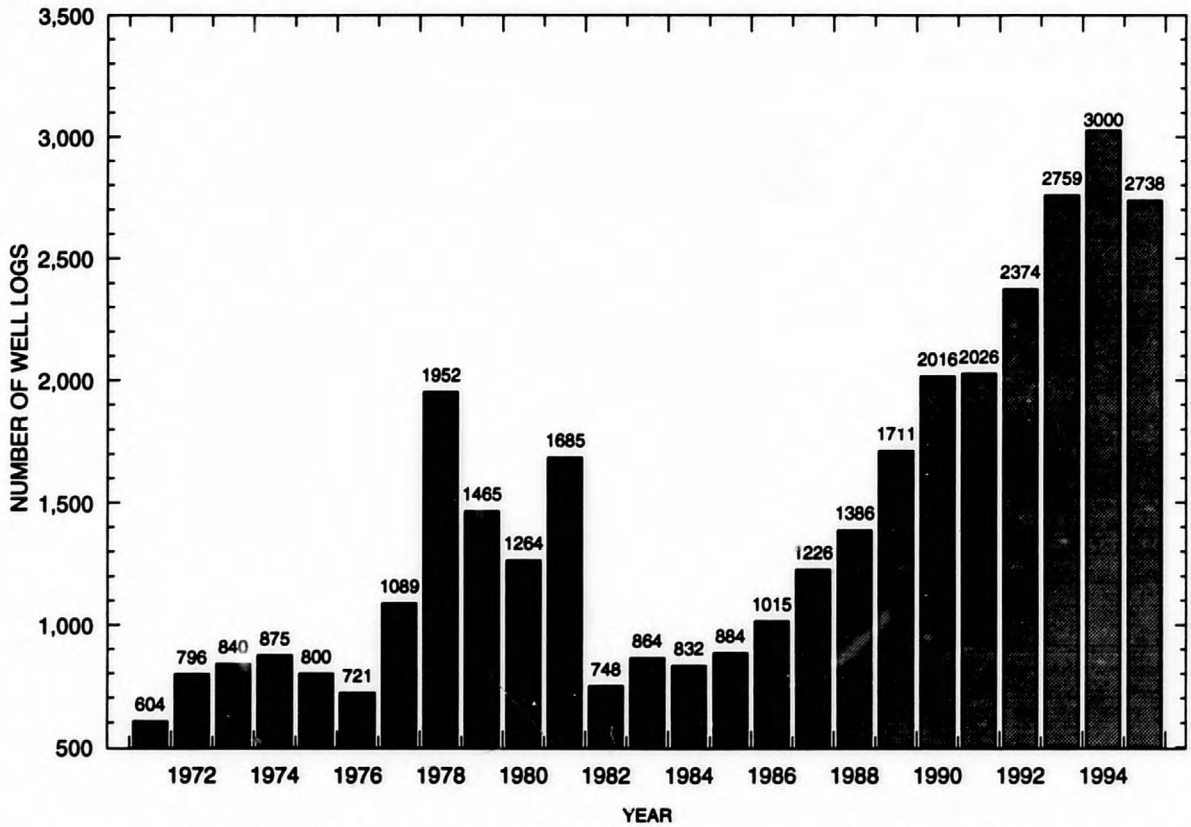

Figure 5. Number of wells drilled based on number submitted to the Nevada State Engineer's Office during water years 1971-95.

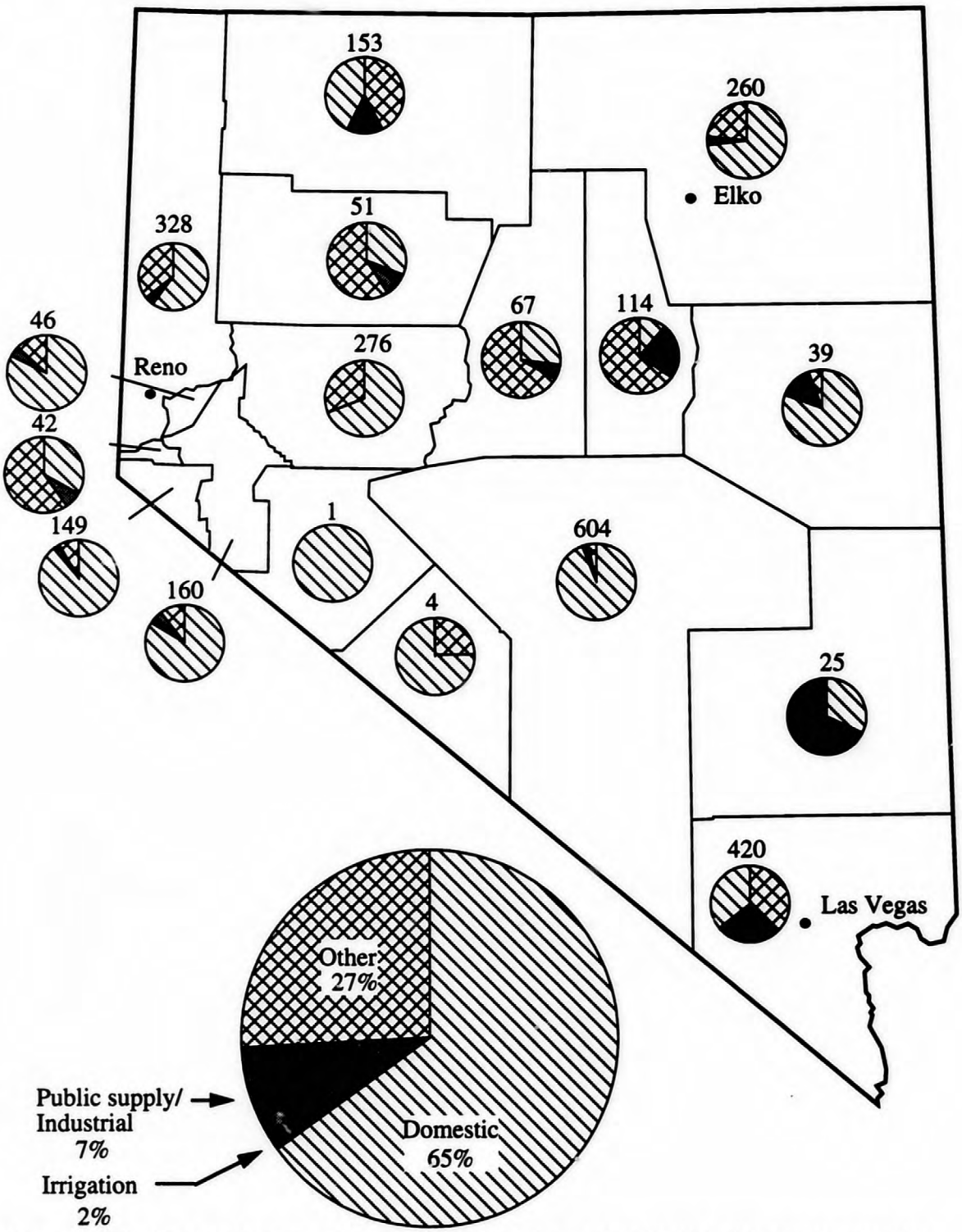

Figure 6. Distribution, by county, of the number and use of wells drilled during water year 1995, on the basis of 2,739 logs submitted to the Nevada State Engineer's office. The category 'other' includes mostly exploration wells. Above each county symbol is the number of logs submitted during 1995.

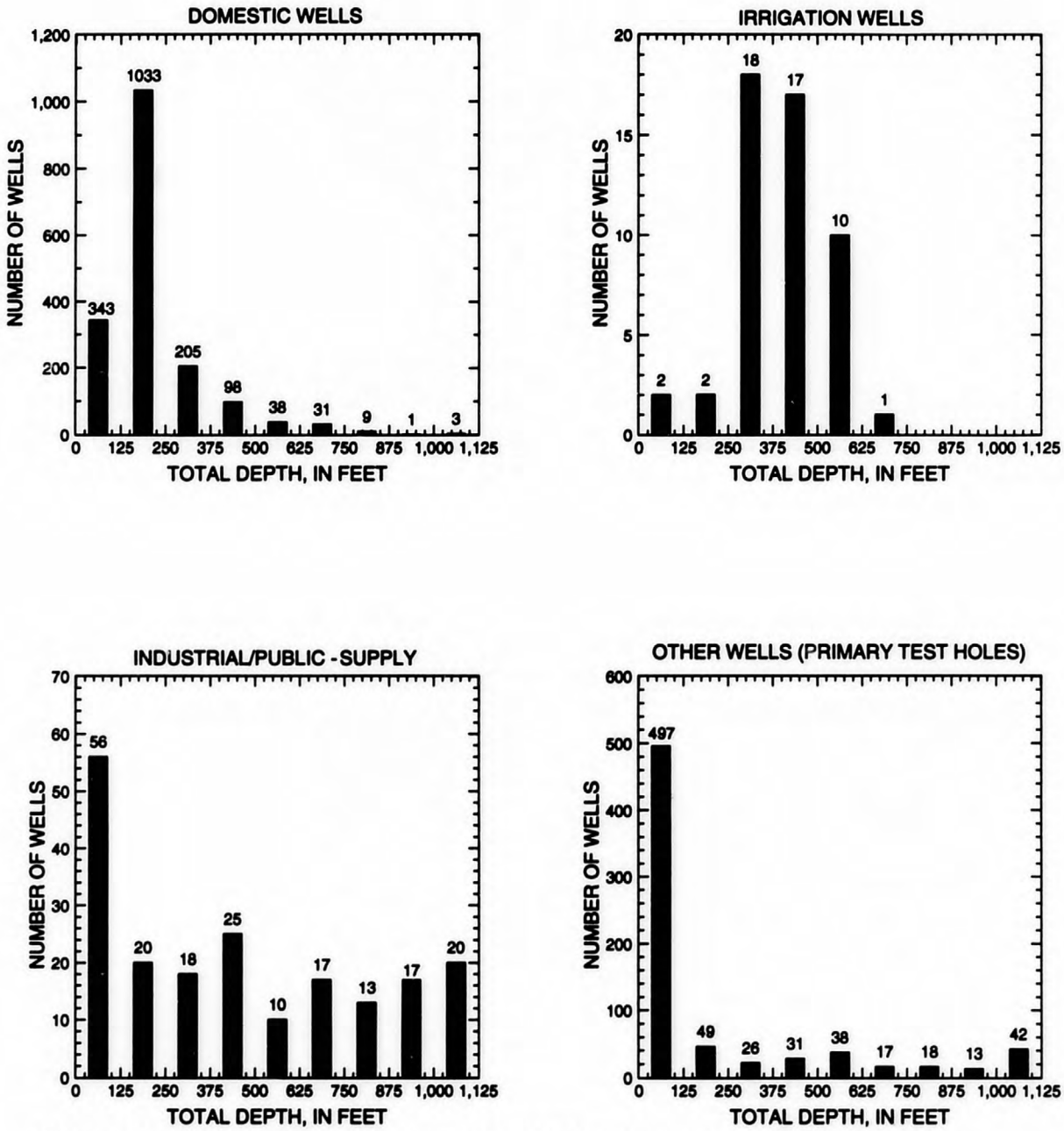

Figure 7. Depths of wells drilled during the 1995 water year for domestic, irrigation, industrial/public-supply, and other uses. The category 'other' does not include test holes drilled for geothermal exploration.

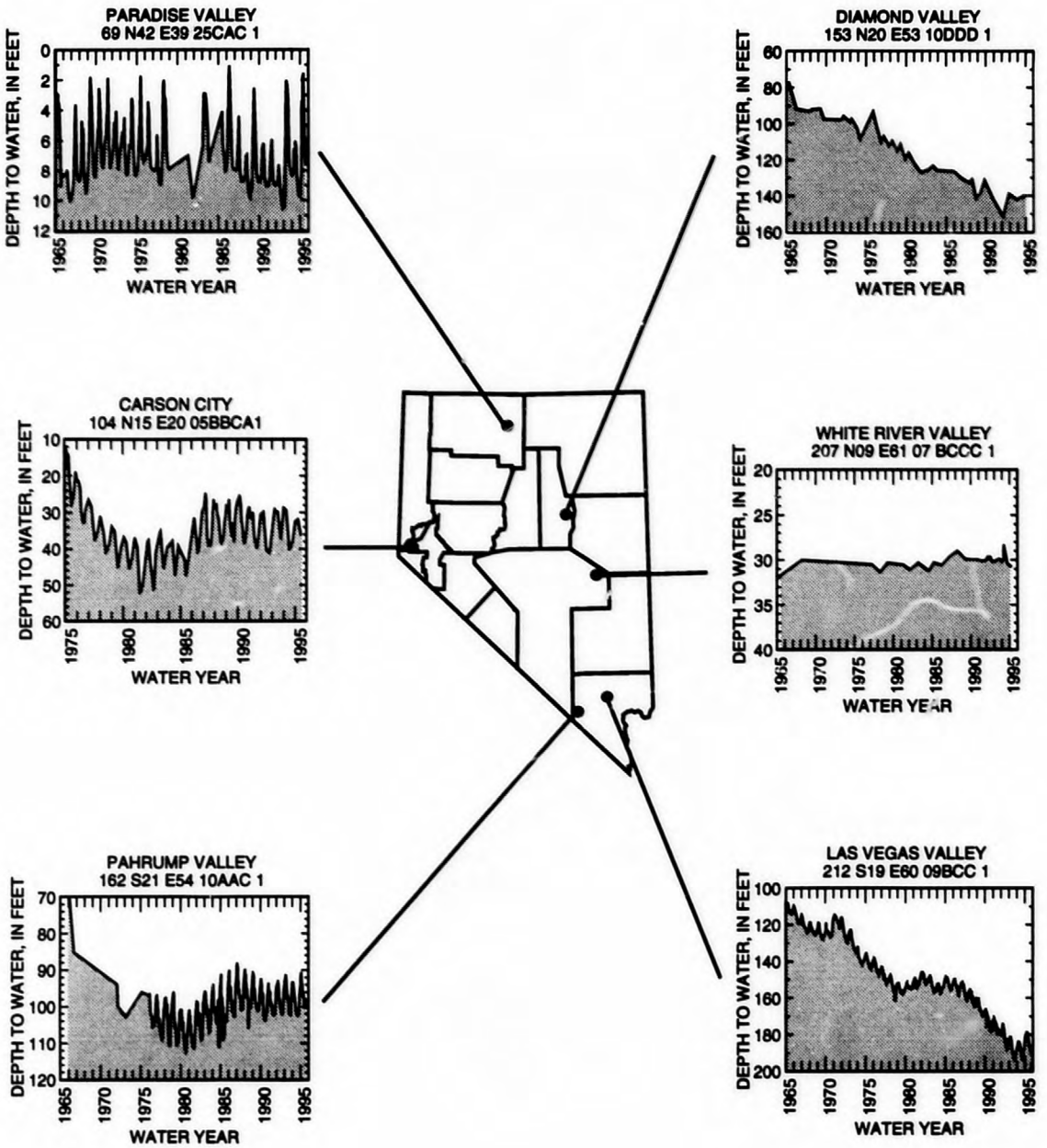

Figure 8. Long-term water-level depths below land surface in six selected observation wells.

Water Use

Water year 1995 (October 1, 1994-September 30, 1995) was an above normal year for most areas of Nevada. After an 8-year drought water year 1995 appears to be the start of a wet cycle. Precipitation at six selected sites in Nevada during water year 1995, as reported by the National Weather Service, ranged from 124 percent to 174 percent of the median value. The following table summarizes the data.

Precipitation

Weather station	Water year 1995 (inches)	Median waters year 1962-92 (inches)	Water year 1995, as:	
			Departure from median (inches)	Percentage of median
Elko	12.49	9.43	+3.06	132
Ely	13.34	9.83	+3.51	136
Las Vegas	5.04	4.07	+0.97	124
Reno	11.87	6.84	+5.03	174
Tonopah	7.32	5.62	+1.70	130
Winnemucca	10.63	8.15	+2.48	130

In a normal year, surface water is the source for about 75 percent of Nevada's water withdrawals. Some surface water right holders also have supplemental ground water rights, which can be used when surface water is not available for their use.

Irrigation is the largest use of water in Nevada. In 1990, this use accounted for about 84 percent of all offstream withdrawals. In 1995, streamflows were above normal. Farmers received all their permitted water. In northern Nevada a wet spring allowed farmers to irrigate less in the first part of the crop growing season (Reno-Gazette Journal, June 8, 1995).

Public supply is a rapidly growing use of water in the State. In 1990, this use accounted for about 12 percent of all offstream withdrawals. The rate of increase in these withdrawals nearly parallels the rapid growth in the State's population. During 1980-90, Nevada had the fastest rate of population growth in the Nation, with a 50.1-percent increase (U.S. Bureau of the Census, 1991, p. 2). In July 1995, Nevada's population was estimated to be 1,530,000 people (U.S. Bureau of the Census), and Nevada continues to be the fastest growing State, which had a 27 percent increase since 1990.

The three largest population centers in the State are the Las Vegas, Reno, and Carson City areas; in 1995, as in 1990, over 85 percent of the State's population lived in these three areas. The amount of water withdrawn by the principal public-supply utilities servicing each of these areas for the period from October 1985 (water year 1986) to September 1995 (water year 1995) is shown in figure 9. In 1990, these three areas accounted for about 83 percent of all the water withdrawn by public-supply utilities in the State. The small peak for the January billing period, seen at all three areas for some years, indicates, in part, increased water use by tourists during the Christmas and New Year's holidays. The above normal precipitation during the spring of 1995 in the Reno and Carson City areas, resulted in less outdoor watering during this period. This in part contributed to the water withdrawals for these two communities during the spring of 1995 being lower than the withdrawals for the spring of 1994.

The primary source of water for Las Vegas and Reno is surface water; for Carson City, it is ground water. In the Las Vegas area, the Colorado River is the principal source of public-supply water. The Las Vegas area is becoming increasingly dependent on the Colorado River to meet its public-supply water needs. In 1974, surface- and ground-water withdrawals were about equal; in 1995, surface-water was the source for nearly 86 percent of the area's public-supply withdrawals. Over 60 percent of the water used in Las Vegas is for residential use, and about 8 percent is used by hotels and motels (Las Vegas Valley Water District, 1992). Among the water-conservation measures taken in the Las Vegas area: Restaurants were asked to served water on request only; no outside watering was permitted from noon to 7 p.m.; and some communities in the area have placed restrictions on the size of outside decorative water displays and the percentage of turf that can be used in commercial and industrial areas. In 1995, city and county governments were reviewing other options to conserve water (Reno-Gazette Journal, May 4, 1995).

In the Reno area, the Truckee River normally accounts for 80 percent of the water used for public supply. The Reno area has been on Stage-II water restrictions since June 4, 1990, which means that: outside watering is limited to twice a week; washing down hard surfaces is prohibited; decorative water displays are turned off; and water in restaurants is served on request only. In June 1995, the Reno City Council, voted to continue these restrictions until November 1, 1995, as a way to conserve water and to reduce the peak watering demand (Reno-Gazette Journal, June 28, 1995).

In the Carson City area, ground water is the source for about 80 percent of the water used for public supply. During drought years, this percentage increases. A city ordinance limits outside watering to every other day from June through September, with no watering between 10 a.m. and 7 p.m.; this is done to reduce peak demand and not to limit water use. Wasting water and washing driveways is also prohibited. Carson City is actively seeking surface-water rights and leases to reduce the amount of ground-water use.

Reno is still the largest community without all its residents on water meters. The water-meter ban on existing homes in Reno was lifted in 1989, and in 1988 new homes were required to have water meters. As part of the Truckee Rive negotiated settlement Reno is in the process over the next 10 to 12 years to have all residents metered. In 1995, Reno-Sparks has 45,000 homes without meters and 15,300 homes with meters. Other communities that do not have water meters include the Cities of Carlin, Elko, Ely, Gardnerville, and Minden; and the communities of Gardnerville Ranchos, Lemmon Valley, and Zephyr Cove.

The Nevada Test Site (NTS) is 60 miles northwest of Las Vegas. From 1950 until the ban on nuclear weapons testing in 1992, the NTS was the primary continental site for the testing of nuclear weapons. Ground water is the source of all water used at the NTS. With the ceasing of weapons testing and the related decline in personnel, water withdrawals have declined (figure 10). Monthly pumpage for water year 1995 from the 14 production wells on the NTS is shown in figure 11.

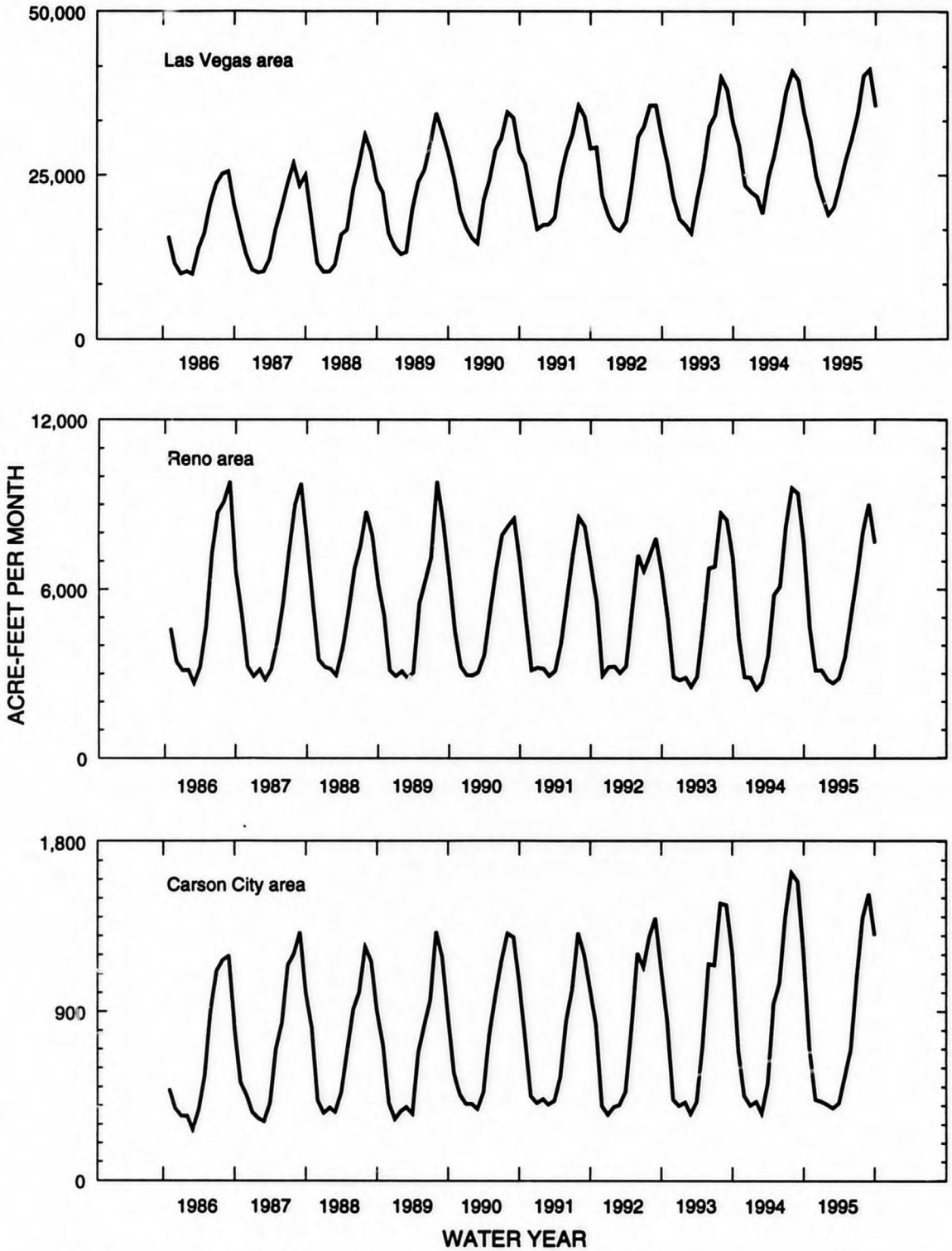

Figure 9.--Monthly water withdrawals for public supply in the Las Vegas, Reno, and Carson City areas, 1986-95. Sources of data: Las Vegas area--City of North Las Vegas, Colorado River Commision, Las Vegas Valley Water District, Nellis Air Force Base, and Boulder City; Reno area--Westpac Utilities; Carson City area--City of Carson City.

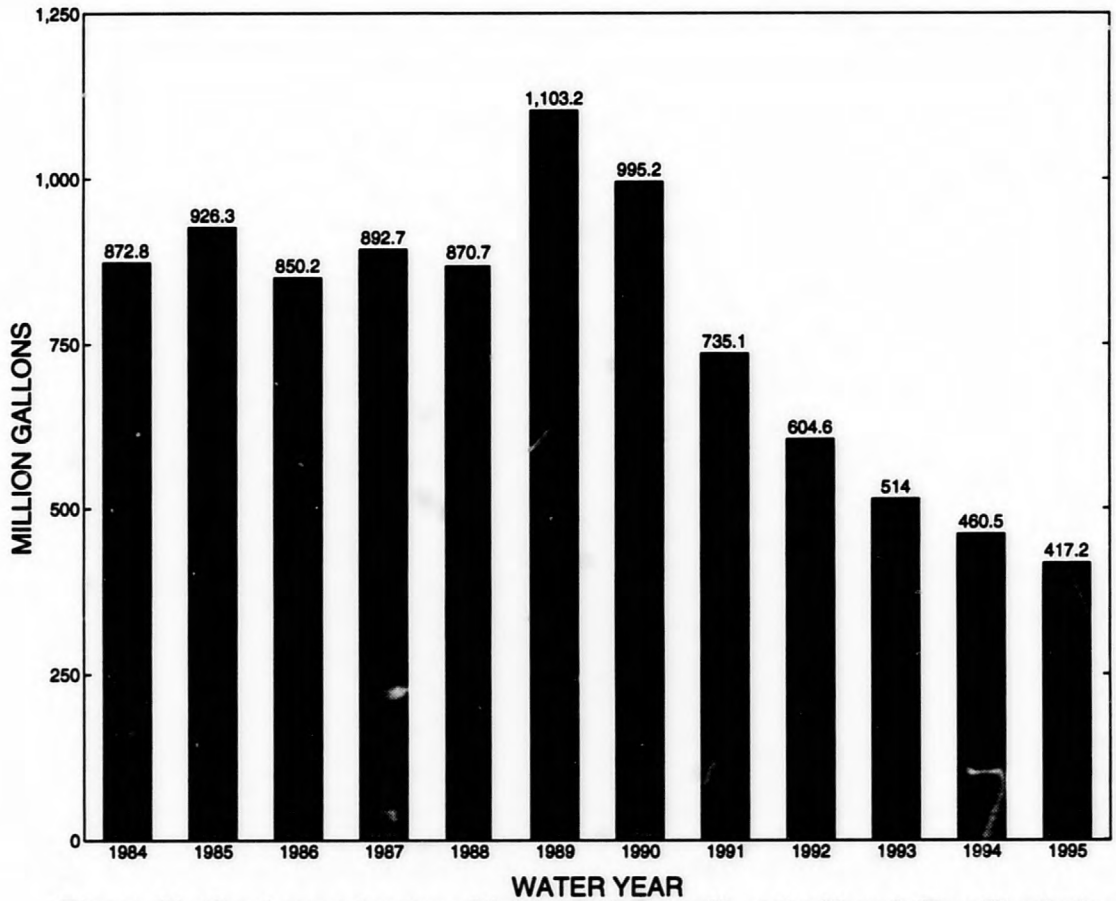

Figure 10. Total ground-water withdrawals from wells at the Nevada Test Site during water years 1984-95.

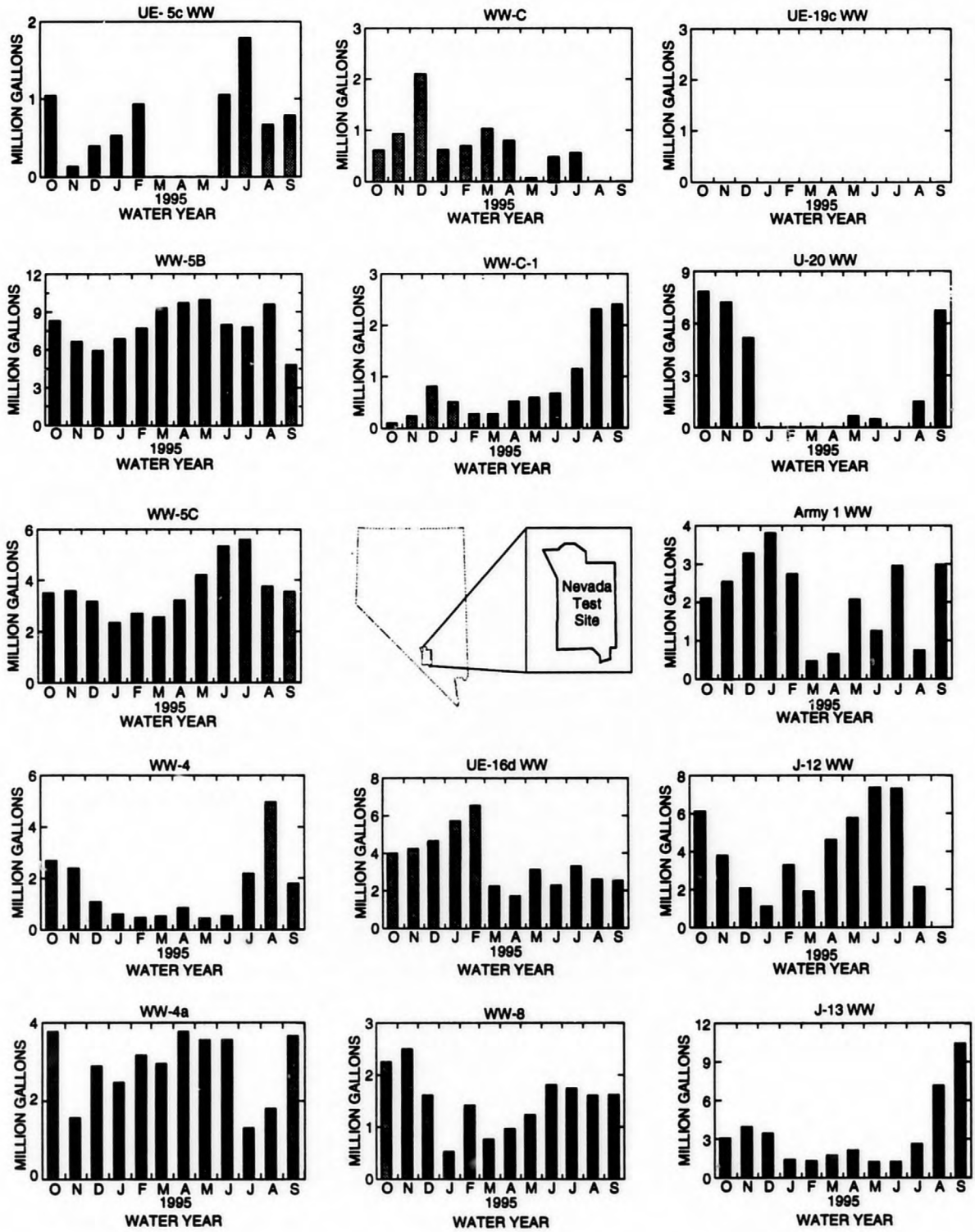

Figure 11. Ground-water withdrawals from production wells at the Nevada Test Site during water year 1995.

SPECIAL NETWORKS AND PROJECTS

Hydrologic Benchmark Network is a network of 53 sites in small drainage basins around the country whose purpose is to provide consistent data on the hydrology, including water quality, and related factors in representative undeveloped watersheds nationwide, and to provide analyses on a continuing basis to compare and contrast conditions observed in basins more obviously affected by the activities of humans.

National Stream-Quality Accounting Network (NASQAN) is a Nationwide data-collection network designed by the U.S. Geological Survey to meet many of the information needs of government agencies and other groups involved in natural or regional water-quality planning and management. The 142 sites in NASQAN are generally located at the downstream ends of hydrologic accounting units designated by the U.S. Geological Survey Office of Water Data Coordination in consultation with the Water Resources Council. The objectives of NASQAN are (1) to obtain information on the quality and quantity of water moving within and from the United States through a systematic and uniform process of data collection, summarization, analysis, and reporting such that the data may be used for, (2) description of the areal variability of water quality in the Nation's rivers through analysis of data from this and other programs, (3) detection of changes or trends with time in the pattern of occurrence of water-quality characteristics, and (4) providing a nationally consistent data base useful for water-quality assessment and hydrologic research.

NASQAN was redesigned in 1995 and will be known as NASQAN II beginning in 1996. NASQAN II will focus on four of the largest river basins in the Nation-- the Mississippi, the Columbia, the Colorado, and the Rio Grande. The objective of NASQAN II is to characterize the water quality of these large rivers by measuring concentration and mass transport of a wide range of dissolved and suspended constituents, including nutrients, major ions, dissolved and sediment-bound heavy metals, common pesticides, and inorganic and organic forms of carbon. This information will be used (1) to describe the long-term trends and changes in concentration and transport of these constituents; (2) to test findings of the National Water-Quality Assessment Program (NAWQA); (3) to characterize processes unique to large-river systems such as storage and re-mobilization of sediments and associated contaminants; and (4) to refine existing estimates of off-continent transport of water, sediment, and chemicals for assessing human effects on the world's oceans and for determining global cycles of carbon, nutrients, and other chemicals.

The National Trends Network (NTN) is a 150-station network for sampling atmospheric deposition in the United States. The purpose of the network is to determine the variability, both in location and in time, of the composition of atmospheric deposition, which includes snow, rain, sleet, and hail. The core from which the NTN was built was the already-existing deposition-monitoring network of the National Atmospheric Deposition Program (NADP).

Sample handling procedures at all National Trends Network stations were changed substantially on January 11, 1994, in order to reduce contamination from the sample shipping container. The data for samples before and after that date are different and not directly comparable. A tabular summary of the differences based on a special intercomparison study, is available from the NADP/NTN Coordination Office, Colorado State University, Fort Collins, CO 80523 (Telephone: 303-491-5643).

The National Water-Quality Assessment (NAWQA)Program of the U.S. Geological Survey is a long-term program with goals to describe the status and trends of water-quality conditions for a large, diverse, and geographically distributed part of the Nation's ground- and surface-water resources, and to identify, describe, and explain the major natural and human factors that affect these observed conditions and trends.

Assessment activities have begun in about two-thirds of the study units and ultimately will be conducted in 60 study units (major watersheds and aquifer systems) that represent a wide range of environmental settings nationwide and that account for a large percentage of the Nation's water use. A wide array of chemical constituents will be measured in ground water, surface water, streambed sediments, and fish tissues. The coordinated application of comparative hydrologic studies at wide range of spatial and temporal scales will provide information for decision making by water-resources managers and a foundation for aggregation and comparison of findings to address water-quality issues of regional and national interest.

The Nevada Basin and Range (NVBR) NAWQA, which includes the Las Vegas Valley area and the Carson and Truckee River basins, began in 1991. Data on physical, chemical, and biological properties of surface- and ground-water resources in the NVBR study unit will be combined with data from up to 59 other study units to represent water-quality conditions in resources that provide more than 60 percent of the Nation's public supplies.

Carlin Trend Network, north-central Nevada, consists of 7 stream-gaging stations, 13 sites for miscellaneous streamflow measurements, 1 site for surface-water quality, and 24 wells for water-level measurements. These sites are used for monitoring regional hydrologic conditions in hydrographic areas near large mines along the trend.

Douglas County Ground Water is a network of 57 ground-water and 34 ground water water-quality sites where data are routinely collected, principally in Carson Valley, western Nevada. The data will be used to establish background information to determine if changes in quantity or quality of the ground water occurs.

Eagle Valley Ground Water Study, in western Nevada, consisted of installation of 6 monitoring wells in three canyons near the base of the Carson Range for water-level measurement, aquifer testing, and water-quality sampling. These sites were part of a project to determine the quantity and quality of ground water that flows into Eagle Valley and the adjacent mountains.

Eagle Valley Intermittent Recharge Project is a determination of recharge to aquifers beneath Eagle Valley, Carson City, Nevada, from intermittent flow in Vicee Canyon and from subsurface flow from Ash, Kings, and Vicee Canyons. Data are collected along streams in each canyon, and from 16 wells across the canyons.

High-Elevation Precipitation Network is a 12-station network for measuring precipitation in the high mountains of eastern Nevada. The data will be used to estimate snowmelt runoff and ground-water recharge.

Indian Lakes Field Screening, in west-central Nevada, consisted of water and bottom sediment sampling at 8 ponds, 1 canal, and 1 lake for chemical analyses. Two wells were also sampled for selected water-quality constituents. These sites were part of a field screening study for the U.S. Department of the Interior National Irrigation Water-Quality Program.

Irrigation Drainage Loading Study near Fallon, Nevada, is a study to determine which drain systems, and more specifically, which lands contribute the largest loads of dissolved solids, boron, and arsenic to wetlands in the southern Carson Desert. The network for this project includes 22 drain sites where water quality and streamflow were measured. At an additional 152 sites, streamflow and conductance were measured.

Lake Tahoe Basin study is a network of 33 surface-water sites where streamflow and water-quality data are routinely collected around Lake Tahoe and 41 gound-water sites monitored for nutrients. The surface-water data will be used to provide a long-term data base of streamflow and of sediment and nutrient loadings from major tributaries to Lake Tahoe.

Nevada Test Site and Adjacent Areas Monitoring Project collects and compiles hydrogeologic data to aid in characterizing local and regional ground-water flow systems underlying the Nevada Test Site and vicinity. This work is done in cooperation with the U.S. Department of Energy as part of their Environmental Restoration and Hydrologic Resources Management Programs. Water-levels are collected by periodic and continuous measurements in wells and test holes at and adjacent to the Nevada Test Site. These measurements provide information about ground-water flow paths and short- to long-term water-level fluctuations. Water-use data are compiled for most water-supply wells at the Nevada Test Site. Evapotranspiration and discharge data are collected at Ash Meadows National Wildlife Refuge.

Spanish Springs Valley Project is a water-resources evaluation of the ground-water flow systems in the Spanish Springs Valley area, north of Reno, Nev. Data are collected at 2 streamflow, 2 water-quality, 59 water-level, and 10 precipitation sites in the development of an overall water budget for the aquifer systems beneath Spanish Springs Valley.

Stillwater Environmental Monitoring is the hydrologic component of a biological focused data-collection program for Stillwater National Wildlife Refuge and Carson Lake. Water quality and drainflow measurements are made routinely at nine principal agricultural drains that enter the two wetland areas. This program, started in 1994, will provide a long-term database with which to gage environmental changes that may occur as a result of changes in management of irrigation water of the Newlands Irrigation Project. Collecting and reporting of biological data are the responsibility of U.S. Fish and Wildlife Service.

Walker Lake Basin study, in west-central Nevada and eastern California, is a study to assess and monitor the flow and chemistry of water in the Walker Lake Hydrographic basin. Streamflow and water chemistry are measured at eight gaging stations on the Walker River and its tributaries. Walker Lake level and chemistry are measured also. The study will be used to determine long-term average annual water and salt inputs to Walker Lake.

Walker River Field Screening, in west-central Nevada, in the Walker River Indian Reservation, consisted of water-quality sampling at 2 canal and 2 river sites. These sites were part of a field screening study for the U.S. Department of the Interior National Irrigation Water-Quality Program.

Yucca Mountain Surface-Water Monitoring Project is a water-resources evaluation of the Nevada Test Site in southwestern Nevada, north of Las Vegas, Nev. Data are collected at 17 stream, 10 crest-stage, and 29 precipitation gages, and 3 miscellaneous sites in the development of an overall water data collection network for the Nevada Test Site.

Yucca Mountain Ground-Water Monitoring Project includes periodic measurements made throughout the Yucca Mountain Area to support environmental and regulatory aspects of the Yucca Mountain Project. Discharge and water-level measurements are made at 5 selected springs and 29 wells. Data presented do not include data collected as part of the Site-Characterization Program nor continual records developed from pressure-sensor data. The data included have been reviewed according to quality-assurance requirements specific to the Yucca Mountain Project.

EXPLANATION OF THE RECORDS

The surface-water and ground-water records published in this report are for the 1994 water year that began October 1, 1993, and ended September 30, 1994. A calendar of the water year is provided on the inside of the front cover. The records contain streamflow data, stage and content data for lakes and reservoirs, water-quality data for surface and ground water, and ground-water-level data. The locations of the stations and wells where the data were collected are shown in figures 9-15. The following sections of the introductory text are presented to provide users with a more detailed explanation of how the hydrologic data published in this report were collected, analyzed, computed, and arranged for presentation.

Station Identification Numbers

Each data station, whether stream site or well, in this report is assigned a unique identification number. This number is unique in that it applies specifically to a given station and to no other. The number usually is assigned when a station is first established and is retained for that station indefinitely. The systems used by the U.S. Geological Survey to assign identification numbers for surface-water stations and for ground-water well sites differ, but both are based on geographic location. The "downstream order" system is used for regular surface-water stations and the "latitude-longitude" system is used for wells and, in Nevada, for surface-water stations where only miscellaneous measurements are made.

Downstream Order System

Since October 1, 1950, the order of listing hydrologic-station records in Survey reports has been in a downstream direction along the main stream. All stations on a tributary entering from a mainstream station are listed before that station. A station on a tributary that enters between two mainstream stations is listed between them. A similar order is followed in listing stations on first rank, second rank, and other ranks of tributaries. The rank of any tributary on which a station is situated with respect to the stream to which it is immediately tributary is indicated by an indention in the list of gaging stations. Each indention represents one rank. This downstream order and system of indention show (1) which stations are on tributaries between any two stations and (2) the rank of the tributary on which each station is situated.

As an added means of identification, each hydrologic station and partial-record station has been assigned a station number. These are in the same downstream order used in this report. In assigning station numbers, no distinction is made between partial-record stations and other stations; therefore, the station number for a partial-record station indicates downstream-order position in a list made up of both types of stations. Gaps are left in the series of numbers to allow for new stations that may be established; hence the numbers are not consecutive. The complete 8-digit number for each station, such as 10351700, which appears just to the left of the station name, includes the 2-digit part number (10) plus the 6-digit downstream-order number (351700). In this report, the records are listed in downstream order by parts. The part number refers to an area the boundaries of which coincide with certain natural drainage lines. Records in this report are for sites in Part 9 (Colorado River basin), Part 10 (The Great Basin), and Part 13 (Snake River basin). All records for a drainage basin encompassing more than one State can be arranged in downstream order by assembling pages from the various State reports by station number.

Latitude-Longitude System

The identification numbers for wells and miscellaneous surface-water sites are assigned according to the grid system of latitude and longitude. The number consists of 15 digits. The first six digits denote the degrees, minutes, and seconds of latitude, the next seven digits denote degrees, minutes, and seconds of longitude, and the last two digits (assigned sequentially) identify the wells or other sites within a 1-second grid. This site-identification number, once assigned, is a pure number and has no locational significance. In the rare instance where the initial determination of latitude and longitude are found to be in error, the station will retain its initial identification number; however, its true latitude and longitude will be listed in the LOCATION paragraph of the station description.

Local Site Numbers

Local site numbers used in Nevada locate ground-water data sites (wells or springs) by hydrographic areas and by the official rectangular subdivision of the public lands with reference to the Mt. Diablo base line and meridian. Nevada has been divided into 14 hydrographic regions or major basins and approximately 250 individual hydrographic areas or valleys. The classification is used to compile information pertaining to water resources in Nevada. The local site number uses as many as 19 digits to locate the site by hydrographic area, township, range, section, and section subdivision.

The first segment of the local site number specifies the hydrographic area as defined by Rush (1968). The remainder of the number specifies the township north or south of the Mt Diablo base line, the range east of the Mt. Diablo meridian, the section, and the subdivision of the section. Sections are divided into quadrants labeled counterclockwise from upper right as A, B, C, and D. Each quadrant is then similarly subdivided up to as many as three times, depending on the accuracy of available maps; thus each section of about 640 acres may be subdivided into tracts approximately 330 ft on a side containing about 2.5 acres. Lettered quadrants are read from left to right, with the largest subdivision on the left. Sites within the smallest subdivision used are numbered sequentially with 1 digit. As an example, a well in Mason Valley (hydrographic area 108) located within the $NE^1/_4NE^1/_4SW^1/_4SW^1/_4$ section 6, Township 13 North, Range 26 East, would have the number 108 N13 E26 06CCAA1. A second well within the same 2.5-acre tract would be numbered 108 N13 E26 06CCAA2.

Prior to January 1976, local site numbers in Nevada were published according to the following general format: 13/26-16ab1. The first number was the township north of the base line (if the township was south of the base line, the first number was followed by an "S"). The second number was the range east of the meridian, the third number was the section, and the following letter or letters and number indicated the quarter sections and sequence as defined above.

Records of Stage and Water Discharge

Records of stage and water discharge may be complete or partial. Complete records of discharge are those obtained using a continuous stage-recording device through which either instantaneous or mean daily discharges may be computed for any time, or any period of time, during the period of record. Complete records of lake or reservoir content, similarly, are those for which stage or content may be computed or estimated with reasonable accuracy for any time, or period of time. They may be obtained using a continuous stage-recording device, but need not be. Because daily mean discharges and end-of-day contents commonly are published for such stations, they are referred to as "daily stations."

By contrast, partial records are obtained through discrete measurements without using a continuous stage-recording device and pertain only to a few flow characteristics, or perhaps only one. The nature of the partial record is indicated by table titles such as "Crest-stage partial records," or "Low-flow partial records." Records of miscellaneous discharge measurements or of measurements from special studies, such as low-flow seepage studies, may be considered as partial records, but they are presented separately in this report.

Data Collection and Computation

The data obtained at a complete-record gaging station on a stream or canal consist of a continuous record of stage, individual measurements of discharge throughout a range of stages, and notations regarding factors that may affect the relations between stage and discharge. These data, together with supplemental information, such as weather records, are used to compute daily discharges. The data obtained at a complete-record gaging station on a lake or reservoir consist of a record of stage and of notations regarding factors that may affect the relation between stage and lake content. These data are used with stage-area and stage-capacity curves or tables to compute water-surface areas and lake storage.

Continuous records of stage are obtained with digital recorders, data collection platforms, or data loggers that sample stage values at selected time intervals. Measurements of discharge are made with current meters using methods adopted by the Geological Survey as a result of experience accumulated since 1880. These methods are described in standard textbooks, in Water-Supply Paper 2175, and in U.S. Geological Survey Techniques of Water-Resources Investigations, Book 3, Chapter A1 through A19 and Book 8, Chapters A2 and B2. The methods are consistent with the American Society for Testing and Materials (ASTM) standards and generally follow the standards of the International Organization for Standards (ISO).

In computing discharge records, results of individual measurements are plotted against the corresponding stages, and stage-discharge relation curves are then constructed. From these curves, rating tables indicating the approximate discharge for any stage within the range of the measurements are prepared. If it is necessary to define extremes of discharge outside the range of the current-meter measurements, the curves are extended using: (1) logarithmic plotting; (2) velocity-area studies; (3) results of indirect measurements of peak discharge, such as slope-area or contracted-opening measurements, and computations of flow over dams or weirs; or (4) step-backwater techniques.

Daily mean discharges are computed by applying the daily mean stages (gage heights) to the stage-discharge curves or tables. If the stage-discharge relation is subject to change because of frequent or continual change in the physical features that form the control, the daily mean discharge is determined by the shifting-control method, in which correction factors based on the individual discharge measurements and notes of the personnel making the measurements are applied to the gage heights before the discharges are determined from the curves or tables. This shifting-control method also is used if the stage-discharge relation is changed temporarily because of aquatic growth or debris on the control. For some stations, formation of ice in the winter may so obscure the stage-discharge relations that daily mean discharges must be estimated from other information such as temperature and precipitation records, notes of observations, and records for other stations in the same or nearby basins for comparable periods.

At some stream-gaging stations, the stage-discharge relation is affected by the backwater from reservoirs, tributary streams, or other sources. This necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in computing discharge. The slope or fall is obtained by means of an auxiliary gage set at some distance from the base gage. At some stations the stage-discharge relation is affected by changing stage; at these stations the rate of change in stage is used as a factor in computing discharge.

In computing records of lake or reservoir contents, it is necessary to have available from surveys, curves or tables defining the relation of stage and content. The application of stage to the stage-content curves or tables gives the contents from which daily, monthly, or yearly changes then are determined. If the stage-content relation changes because of deposition of sediment in a lake or reservoir, periodic resurveys may be necessary to redefine the relation. Even when this is done, the contents computed may become increasingly in error as the lapsed time since the last survey increases. Discharges over lake or reservoir spillways are computed from stage-discharge relations much as other stream discharges are computed.

For some gaging stations, there are periods when no gage-height record is obtained, or the recorded gage height is so faulty that it cannot be used to compute daily discharge or contents. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, the float is frozen in the well, or for other reasons. For such periods, the daily discharges are estimated from the recorded range in stage, previous or following record, discharge measurements, weather records, and comparison with other station records from the same or nearby basins. Likewise, daily contents may be estimated from operator's logs, previous or following record, inflow-outflow studies, and other information. Information explaining how estimated daily-discharge values are identified in station records is included in the next two sections, "Data Presentation" (REMARKS paragraph) and "Identifying Estimated Daily Discharge."

Data Presentation

Streamflow data in this report are presented in a new format that is considerably different from the format in data reports prior to the 1991 water year. The major changes are that statistical characteristics of discharge now appear in tabular summaries following the water-year data table and less information is provided in the text or station manuscript above the table. These changes represent the results of a pilot program to reformat the annual water-data report to meet current user needs and data preferences.

The records published for each continuous-record surface-water discharge station (gaging station) now consist of four parts, the manuscript or station description; the data table of daily mean values of discharge for the current water year with summary data; a tabular statistical summary of monthly mean flow data for a designated period, by water year; and a summary statistics table that includes statistical data of annual, daily, and instantaneous flows as well as data pertaining to annual runoff, 7-day low-flow minimums, and flow duration.

Station manuscript

The manuscript provides, under several headings, descriptive information, such as station location; period of record; historical extremes outside the period of record; record accuracy; and other remarks pertinent to station operation and regulation. The following information, as appropriate, is provided with each continuous record of discharge or lake content. Comments to follow clarify information presented under the different headings of the station description.

LOCATION.--Information on locations is obtained from the most accurate maps available. The location of the gage with respect to the cultural and physical features in the vicinity and with respect to the reference place mentioned in the station name is given.

DRAINAGE AREA.--Drainage areas are measured using the most accurate maps available. Because the type of maps available differs from one drainage basin to another, the accuracy of drainage areas likewise differs. Drainage areas are updated as better maps become available.

PERIOD OF RECORD.--This indicates the period for which there are published records for the station or for an equivalent station. An equivalent station is one that was in operation at a time that the present station was not and whose location was such that records from it can reasonably be considered equivalent with records from the present station.

REVISED RECORDS.--Published records, because of new information, occasionally are found to be incorrect, and revisions are printed in later reports. Listed under this heading are all the reports in which revisions have been published for the station and the water years to which the revisions apply. If a revision did not include daily, monthly, or annual figures of discharge, that fact is noted after the year dates as follows: "(M)" means that only the instantaneous maximum discharge was revised; "(m)" that only the instantaneous minimum was revised; and "(P)" that only peak discharges were revised. If the drainage area has been revised, the report in which the most recently revised figure was first published is given.

GAGE.--The type of gage in current use, the datum of the current gage referred to sea level (see glossary), and a condensed history of the types, locations, and datums of previous gages are given under this heading.

REMARKS.--All periods of estimated daily-discharge record will either be identified by date in this paragraph of the station description for water-discharge stations or flagged in the daily-discharge table. (See next section, "Identifying Estimated Daily Discharge.") If a remarks statement is used to identify estimated record, the paragraph will begin with this information presented as the first entry. The paragraph also is used to present information relative to the accuracy of the records, to special methods of computation, to conditions that affect natural flow at the station and, possibly, to other pertinent items. For reservoir stations, information is given on the dam forming the reservoir, the capacity, outlet works and spillway, and purpose and use of the reservoir.

COOPERATION.--Records provided by a cooperating organization or obtained for the Geological Survey by a cooperating organization are identified here.

EXTREMES OUTSIDE PERIOD OF RECORD.--Included here is information concerning major floods or unusually low flows that occurred outside the stated period of record. The information may or may not have been obtained by the U.S Geological Survey.

EXTREMES FOR CURRENT YEAR.--Extremes given here are similar to those for the period of record, except the peak discharge listing may include secondary peaks. For stations meeting certain criteria, all peak discharges and stages occurring during the water year and greater than a selected base discharge are presented under this heading. The peaks greater than the base discharge, excluding the highest one, are referred to as secondary peaks. Peak discharges are not published for canals, ditches, drains, or streams for which the peaks are subject to substantial control by humans. The time of occurrence for peaks is expressed in 24-hour local standard time. For example, 12:30 a.m. is 0030, and 1:30 p.m. is 1330. The minimum for the current water year appears below the table of peak data.

REVISIONS.--If a critical error in published records is discovered, a revision is included in the first report published following discovery of the error.

Although rare, occasionally the records of a discontinued gaging station may need revision. Because, for these stations, there would be no current or, possibly, future station manuscript published to document the revision in a "Revised Records" entry, users of data for these stations who obtained the record from previously published data reports may wish to contact the offices whose addresses are given on the back of the title page of this report to determine if the published records were ever revised after the station was discontinued. Of course, if the data were obtained by computer retrieval, the data would be current and there would be no need to check because any published revision of data are always accompanied by revision of the corresponding data in computer storage.

Manuscript information for lake or reservoir stations differs from that for stream stations in the nature of the "Remarks" and in the inclusion of a skeleton stage-capacity table when daily contents are given.

Data table of daily mean values

Headings for the AVERAGE DISCHARGE and EXTREMES FOR PERIOD OF RECORD have been deleted and the information contained in these paragraphs is now presented in the tabular summaries following the discharge table or in the REMARKS paragraph, as appropriate. No changes have been made to the data presentations of lake contents.

The daily table for stream-gaging stations gives mean discharge for each day and is followed by monthly and yearly summaries. In the monthly summary below the daily table, the line headed "TOTAL" gives the sum of the daily figures. The line headed "MEAN" gives the average flow in cubic feet per second during the month. The lines headed "MAX" and "MIN" give the maximum and minimum daily discharges, respectively, for the month. Discharge for the month also is usually expressed in cubic feet per second per square mile (line headed "CFSM"), or in inches (line headed "IN."), or in acre-feet (line headed "AC-FT"). Figures for cubic feet per second per square mile and runoff in inches are omitted if there is extensive regulation or diversion or if the drainage area includes large noncontributing areas. In the yearly summary below the monthly summary, the figures shown are the appropriate discharges for the calendar and water years. At some stations monthly and (or) yearly observed discharges are adjusted for reservoir storage or diversion, or diversions or reservoir contents are given. These figures are identified by a symbol and corresponding footnote.

Statistics of monthly mean data

A tabular summary of the mean (line headed "MEAN"), maximum (line headed "MAX"), and minimum (line headed "MIN") of monthly mean flows for each month for a designated period is provided below the mean values table. The water years of the first occurrence of the maximum and minimum monthly flows are provided immediately below those figures. The designated period will be expressed as "FOR WATER YEARS ____-____, BY WATER YEAR (WY)," and will list the first and last water years of the range of years selected from the PERIOD OF RECORD paragraph in the station manuscript. It will consist of all the station record within the specified water years, inclusive, including complete months of record for partial water years, if any, and may coincide with the period of record for the station. The water years for which the statistics are computed will be consecutive, unless a break in the station record is indicated in the manuscript.

Summary statistics

A table titled "SUMMARY STATISTICS" follows the statistics of monthly mean data tabulation. This table consists of four columns, with the first column containing the line headings of the statistics being reported. The table provides a statistical summary of yearly, daily, and instantaneous flows, not only for the current water year but also for the previous calendar year and for a designated period, as appropriate. The designated period selected, "WATER YEARS ____-____," will consist of all the station record within the specified water years, inclusive, including complete months of record for partial water years, if any, and may coincide with the period of record for the station. The water years for which the statistics are computed will be consecutive, unless a break in the station record is indicated in the manuscript. All the calculations for the statistical characteristics designated ANNUAL (see line headings below), except for the "ANNUAL 7-DAY MINIMUM" statistic, are calculated for the designated period using complete water years. The other statistical characteristics may be calculated using partial water years.

The date or water year, as appropriate, of the first occurrence of each statistic reporting extreme values of discharge is provided adjacent to the statistic. Reported occurrences may be noted in the REMARKS paragraph of the manuscript or in footnotes. Because the designated period may not be the same as the station period of record published in the manuscript, occasionally the dates of occurrence listed for the daily and instantaneous extremes in the designated-period column may not be within the selected water years listed in the heading. When this occurs, it will be noted in the REMARKS paragraph or in footnotes. Selected streamflow duration curve statistics and runoff data are given also. Runoff data may be omitted if there is extensive regulation or diversion of flow in the drainage basin.

The following summary statistics data, as appropriate, are provided with each continuous record of discharge. Comments to follow clarify information presented under the different line headings of the summary statistics table.

ANNUAL TOTAL.--The sum of the daily mean values of discharge for the year.

ANNUAL MEAN.--The arithmetic mean of the individual daily mean discharges for the year noted for the designated period.

HIGHEST ANNUAL MEAN.--The maximum annual mean discharge occurring for the designated period.

LOWEST ANNUAL MEAN.--The minimum annual mean discharge occurring for the designated period.

HIGHEST DAILY MEAN.--The maximum daily mean discharge for the year or for the designated period.

LOWEST DAILY MEAN.--The minimum daily mean discharge for the year or for the designated period.

ANNUAL 7-DAY MINIMUM.--The lowest mean discharge for 7 consecutive days for a calendar year or a water year. Note that most low-flow frequency analyses of annual 7-day minimum flows use a climatic year (April 1-March 31). The date shown in the summary statistics table is the initial date of the 7-day period. (This value should not be confused with the 7-day 10-year low-flow statistic.)

INSTANTANEOUS PEAK FLOW.--The maximum instantaneous discharge occurring for the water year or for the designated period. Note that secondary instantaneous peak discharges above a selected base discharge are stored in District computer files for stations meeting certain criteria. Those discharge values may be obtained by writing to the District Office. (See address on back of title page of this report.)

INSTANTANEOUS PEAK STAGE.--The maximum instantaneous stage occurring for the water year or for the designated period. If the dates of occurrence for the instantaneous peak flow and instantaneous peak stage differ, the REMARKS paragraph in the manuscript or a footnote may be used to provide further information.

INSTANTANEOUS LOW FLOW.--The minimum instantaneous discharge occurring for the water year or for the designated period.

ANNUAL RUNOFF.--Indicates the total quantity of water in runoff for a drainage area for the year. Data reports may use any of the following units of measurement in presenting annual runoff data:

Acre-foot (AC-FT) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equal to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.

Cubic feet per second per square mile (CFSM) is the average number of cubic feet of water flowing per second from each square mile area drained, assuming the runoff is distributed uniformly in time and area.

Inches (INCHES) indicates the depth to which the drainage area would be covered if all the runoff for a given time period were uniformly distributed on it.

10 PERCENT EXCEEDS.--The discharge has been exceeded 10 percent of the time for the designated period.

50 PERCENT EXCEEDS.--The discharge has been exceeded 50 percent of the time for the designated period.

90 PERCENT EXCEEDS.--The discharge has been exceeded 90 percent of the time for the designated period.

Data collected at partial-record stations follow the information for continuous-record sites. Data for partial-record discharge stations are presented in a table of annual maximum stage and discharge at crest-stage stations. The table of crest-stage stations is followed by a listing of discharge measurements made at sites other than continuous-record or partial-record stations. These measurements are generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Identifying Estimated Daily Discharge

Estimated daily-discharge values published in the water-discharge tables of annual State data reports are identified either by flagging individual daily values with the letter symbol "e" and printing a table footnote, "e Estimated," or by listing the dates of the estimated record in the REMARKS paragraph of the station description.

Accuracy of the Records

The accuracy of streamflow records depends primarily on (1) the stability of the stage-discharge relation or, if the control is unstable, the frequency of discharge measurements; and (2) the accuracy of measurements of stage, measurements of discharge, and interpretation of records.

The accuracy attributed to the records is indicated under "REMARKS." "Excellent" means that about 95 percent of the daily discharges are within 5 percent of their true values; "good," within 10 percent; and "fair," within 15 percent. Records that do not meet the criteria mentioned are rated "poor." Different accuracies may be attributed to different parts of a given record.

Daily mean discharges in this report are given to the nearest hundredth of a cubic foot per second for values less than 1 ft^3/s; to the nearest tenth between 1.0 and 10 ft^3/s; to whole numbers between 10 and 1,000 ft^3/s; and to three significant figures for more than 1.000 ft^3/s. The number of significant figures used is based solely on the magnitude of the discharge value. The same rounding rules apply to discharges listed for partial-record stations and miscellaneous sites.

Discharge at many stations, as indicated by the monthly mean, may not reflect natural runoff due to the effects of diversion, consumption, regulation by storage, increase or decrease in evaporation due to artificial causes, or to other factors. For such stations, figures of cubic feet per second per square mile and of runoff, in inches, are not published unless satisfactory adjustments can be made for diversions, for changes in contents of reservoirs, or for other changes incident to use and control. Evaporation from a reservoir is not included in the adjustments for changes in reservoir contents, unless it is so stated. Even at those stations where adjustments are made, large errors in computed runoff may occur if adjustments or losses are large in comparison with the observed discharge.

Other Records Available

Information used in the preparation of the records in this publication—such as discharge-measurement notes, gage-height records, temperature measurements, and rating tables—is on file in the Nevada District Office. Also, most of the daily mean discharges are in computer-readable form and have been analyzed statistically. Information on the availability of the unpublished information or on the results of statistical analyses of the published records may be obtained from the offices whose addresses are given on the back of the title page of this report.

Records of Surface-Water Quality

Records of surface-water quality ordinarily are obtained at or near stream-gaging stations because interpretation of records of surface-water quality nearly always requires corresponding discharge data. Records of surface-water quality in this report may involve a variety of types of data and measurement frequencies.

Classification of Records

Water-quality data for surface-water sites are grouped into one of three classifications. A continuing-record station is a site where data are collected on a regularly scheduled basis. Frequency may be once or more times daily, weekly, monthly, or quarterly. A partial-record station is a site where limited water-quality data are collected systematically over a period of years. Frequency of sampling is usually less than quarterly. A miscellaneous sampling site is a location other than a continuing or partial-record station where random samples are collected to give better areal coverage to define water-quality conditions in the river basin.

A careful distinction needs to be made between "continuing records," as used in this report, and "continuous recordings," which refers to a continuous graph or a series of discrete values punched at short intervals on a paper tape. Some records of water quality, such as temperature and specific conductance, may be obtained through continuous recordings; however, because of costs, most data are obtained only monthly or less frequently. Locations of stations for which records on the quality of surface water appear in this report are shown in figures 14-17.

Arrangement of Records

Water-quality records collected at a surface-water daily record station are published immediately following that record, regardless of the frequency of sample collection. Station number and name are the same for both records. Where a surface-water daily record station is not available or where the water quality differs significantly from that at the nearby surface-water station, the continuing water-quality record is published with its own station number and name in the regular downstream-order sequence. Water-quality data for partial-record stations and for miscellaneous sampling sites appear in a table following the table of discharge measurements at miscellaneous sites.

On-Site Measurements and Sample Collection

In obtaining water-quality data, a major concern is assuring that the data obtained represent the in-situ quality of the water. To assure this, certain measurements, such as water temperature, pH, and dissolved oxygen, need to be made on site when the samples are taken. To assure that measurements made in the laboratory also represent the in-situ water, carefully prescribed procedures need to be followed in collecting the samples, in treating the samples to prevent changes in quality pending analysis, and in shipping the samples to the laboratory. Procedures for on site measurements and for collecting, treating, and shipping samples are given in publications on "Techniques of Water-Resources Investigations," Book 1, Chap. D2; Book 3, Chap. C2; Book 5, Chap. A1, A3, and A4. All these references are listed under "PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS" that appears at the end of the introductory text. These methods are consistent with ASTM standards and generally follow ISO standards. Detailed information on collecting, treating, and shipping samples may be obtained from the Nevada District Office.

One sample can define adequately the water quality at a given time if the mixture of solutes throughout the stream cross section is homogeneous. However, the concentration of solutes at different locations in the cross section may vary widely with different rates of water discharge, depending on the source of material and the turbulence and mixing of the stream. Some streams must be sampled through several vertical sections to obtain a representative sample needed for an accurate mean concentration and for use in calculating load. All samples obtained for the National Stream Quality Accounting Network (see definitions) are obtained from at least several verticals. Whether samples are obtained from the centroid of flow or from several verticals depends on flow conditions and other factors which must be evaluated by the collector.

Chemical-quality data published in this report are considered to be the most representative values available for the stations listed. The values

reported represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. In the rare case where an apparent inconsistency exists between a reported pH value and the relative abundance of carbon dioxide species (carbonate and bicarbonate), the inconsistency is the result of a slight uptake of carbon dioxide from the air by the sample between measurement of pH in the field and determination of carbonate and bicarbonate in the laboratory.

Specific Conductance

For chemical-quality stations equipped with digital monitors or data loggers, the records consist of daily maximum, minimum, and mean specific conductance values measured and are based upon hourly or more frequent punches beginning at 0015 hours and ending at 2400 hours for the day of record.

Water Temperature

Water temperatures are measured at most of the water-quality stations. In addition, water temperatures are taken at time of discharge measurements for water-discharge stations. For stations where water temperatures are taken manually once or twice daily, the water temperatures are taken at about the same time each day. Large streams normally have a small diurnal temperature change; shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. Some streams may be affected by waste-heat discharges.

At stations where recording instruments are used, maximum, minimum, and mean temperatures for each day are published. Water temperatures measured at the time of water-discharge measurements are on file in the Nevada District Office.

Laboratory Measurements

Sediment samples, samples for biochemical-oxygen demand (BOD), samples for indicator bacteria, and daily samples for specific conductance are analyzed locally. All other samples are analyzed in the Geological Survey laboratory in Arvada, Colo. Methods used in analyzing sediment samples and computing sediment records are given in TWRI, Book 5, Chap. C1. Methods used by the Geological Survey laboratory are given in TWRI, Book 1, Chap. D2; Book 3, Chap. C2; and Book 5, Chap A1, A3, and A4. These methods are consistent with ASTM standards and generally follow ISO standards.

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MBAS determinations made from January 1, 1970, through August 29, 1993, at the National Water-Quality Laboratory in Denver (Analyzing Agency Code 80020) are positively biased. These data can be corrected on the basis of the following equation, if concentrations of dissolved nitrate plus nitrite, as nitrogen, and dissolved chloride, determined concurrently with the MBAS data, are applied:

MBASCOR = M - 0.0088N - 0.00019C

where:

MBASCOR = corrected MBAS concentration, in mg/L;

M = reported MBAS concentration, in mg/L;

N = dissolved nitrate plus nitrite, as nitrogen, concentration, in mg/L; and

C = dissolved chloride concentration, in mg/L.

The detection limit of the new method is 0.02 mg/L, whereas the detection limit for the old method was 0.01 mg/L. A detection limit of 0.02 mg/L should be used with corrected MBAS data from January 1, 1970, through August 29, 1993.

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Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers. Samples usually are obtained at several verticals in the cross section, or a single sample may be obtained at a fixed point and a coefficient applied to determine the mean concentration in the cross sections.

During periods of rapidly changing flow or rapidly changing concentration, samples may have been collected more frequently (twice daily or, in some instances, hourly). The published sediment discharges for days of rapidly changing flow or concentration were computed by the subdivided-day method (time-discharge weighted average). Therefore, for those days when the published sediment discharge value differs from the value computed as the product of discharge times mean concentration times 0.0027, the reader can assume that the sediment discharge for that day was computed by the subdivided-day method. For periods when no samples were collected, daily discharges of suspended sediment were estimated on the basis of water discharge, sediment concentrations observed immediately before and after the periods, and suspended-sediment loads for other periods of similar discharge.

At other stations, suspended-sediment samples were collected periodically at many verticals in the stream cross section. Although data collected periodically may represent conditions only at the time of observations, such data are useful in establishing seasonal relations between quality and streamflow and in predicting long-term sediment-discharge characteristics of the stream.

In addition to the records of suspended-sediment discharge, records of the periodic measurements of the particle-size distribution of the suspended sediment and bed material are included for some stations.

Water Quality-Control Data

Data generated from quality-control (QC) samples are a requisite for evaluating the quality of the sampling and processing techniques as well as data from the actual samples themselves. Without QC data, environmental sample data cannot be adequately interpreted because the errors associated with the sample data are unknown. The various types of QC samples collected by this district are described in the following section. Procedures have been established for the storage of water-quality-control data within the USGS. These procedures allow for storage of all derived QC data and are identified so that they can be related to corresponding environmental samples.

Blank Samples

Blank samples are collected and analyzed to ensure that environmental samples have not been contaminated by the overall data-collection process. The blank solution used to develop specific types of blank samples is a solution that is free of the analytes of interest. Any measured value signal in a blank sample for an analyte (a specific component measured in a chemical analysis) that was absent in the blank solution is believed to be due to contamination. There are many types of blank samples possible, each designed to segregate a different part of the overall data-collection process. The types of blank samples collect in this district are:

Field blank - a blank solution that is subjected to all aspects of sample collection, field processing preservation, transportation, and laboratory handling as an environmental sample.

Trip blank - a blank solution that is put in the same type of bottle used for an environmental sample and kept with the set of sample bottles before and after sample collection.

Equipment blank - a blank solution that is processed through all equipment used for collecting and processing an environmental sample (similar to a field blank but normally done in the more controlled conditions of the office).

Sampler blank - a blank solution that is poured or pumped through the same field sampler used for collecting an environmental sample.

Filter blank - a blank solution that is filtered in the same manner and through the same filter apparatus used for an environmental sample.

Splitter blank - a blank solution that is mixed and separated using a field splitter in the same manner and through the same apparatus used for an environmental sample.

Preservation blank - a blank solution that is treated with the sampler preservatives used for an environmental sample.

Reference Samples

Reference material is a solution or material prepared by a laboratory whose composition is certified for one or more properties so that it can be used to assess a measurement method. Samples of reference material are submitted for analysis to ensure that an analytical method is accurate for the known properties of the reference material. Generally, the selected reference material properties are similar to the environmental sample properties.

Replicate Samples

Replicate samples are a set of environmental samples collected in a manner such that the samples are thought to be essentially identical in composition. Replicate is the general case for which a duplicate is the special case consisting of two samples. Replicate samples are collected and analyzed to establish the amount of variability in the data contributed by some part of the collection and analytical process. There are many types of replicate samples possible, each of which may yield slightly different results in a dynamic hydrologic setting, such as a flowing stream. The types of replicate samples collected in this district are:

Sequential samples - a type of replicate sample in which the samples are collected one after the other, typically over a short time.

Split sample - a type of replicate sample in which a sample is split into subsamples contemporaneous in time and space.

Spike Samples

Spike samples are samples to which known quantities of a solution with one or more well-established analyte concentrations have been added. These samples are analyzed to determine the extent of matrix interference or degradation on the analyte concentration during sample processing and analysis.

Data Presentation

For continuing-record stations, information pertinent to the history of station operation is provided in descriptive headings preceding the tabular data. These descriptive headings give details regarding location, drainage area, period of record, type of data available, instrumentation, general remarks, cooperation, and extremes for parameters currently measured daily. Tables of chemical, physical, biological, radiochemical data, and so forth, obtained at a frequency less than daily are presented first. Tables of "daily values" of specific conductance, pH, water temperature, dissolved oxygen, and suspended sediment then follow in sequence.

In the descriptive headings, if the location is identical to that of the discharge gaging station, neither the LOCATION nor the DRAINAGE AREA statements are repeated. The following information, as appropriate, is provided with each continuous-record station. Comments that follow clarify information presented under the different headings of the station description.

LOCATION.--See Data Presentation under "Records of Stage and Water Discharge;" same comments apply.

DRAINAGE AREA.--See Data Presentation under "Records of Stage and Water Discharge;" same comments apply.

PERIOD OF RECORD.--This indicates the periods for which there are published water-quality records for the station.

INSTRUMENTATION.--Information on instrumentation is given only if a water-quality monitor temperature record, sediment pumping sampler, or other sampling device is in operation at a station.

REMARKS.--Remarks provide added information pertinent to the collection, analysis, or computation of the records.

COOPERATION.--Records provided by a cooperating organization or obtained for the Geological Survey by a cooperating organization are identified here.

EXTREMES.--Maximums and minimums are given only for parameters measured daily or more frequently. Extremes, when given, are provided for both the period of record and for the current water year.

REVISIONS.--If errors in published water-quality records are discovered after publication, appropriate updates are made to the Water-Quality File in the U.S. Geological Survey's computerized data system, WATSTORE, and subsequently by monthly transfer of update transactions to the U.S. Environmental Protection Agency's STORET system. Because the usual volume of updates makes it impractical to document individual changes in the State data-report series or elsewhere, potential users of U.S. Geological Survey water-quality data are encouraged to obtain all required data from the appropriate computer file to ensure the most recent updates.

The surface-water-quality records for partial-record stations and miscellaneous sampling sites are published in a table following the table of discharge measurements at miscellaneous sites. No descriptive statements are given for these records. Each station is published with its own station number and name in the regular downstream-order sequence.

Remark Codes

The following remark codes may appear with the water-quality data in this report:

PRINTED OUTPUT	REMARK
E	Estimated value
>	Actual value is known to be greater than the value shown
<	Actual value is known to be less than the value shown
K	Results based on colony count outside the acceptance range (non-ideal colony count)
L	Biological organism count less than 0.5 percent (organism may be observed rather than counted)
D	Biological organism count equal to or greater than 15 percent (dominant)
&	Biological organism estimated as dominant

Samples where the dissolved concentration of a constituent (which is theoretically less than or equal to the total concentration) exceeds the respective total, may be due to unavoidable errors associated with subsampling and sample processing, or limitations on precision and accuracy of the analytical procedure.

Dissolved Trace-Element Concentrations

Traditionally, dissolved trace-element concentrations have been reported at the microgram per liter (ug/L) level. Recent evidence, mostly from large rivers, indicates that actual dissolved-phase concentrations for a number of trace elements are within the range of 10's and 100's of nanograms per liter (ng/L). Data above the ug/L level should be viewed with caution. Such data may actually represent elevated environmental concentrations from natural or human causes; however, these data could reflect contamination introduced during sampling, processing, or analysis. To confidently produce dissolved trace-element data with insignificant contamination, the U.S. Geological Survey began using new trace-element protocols at some stations in water year 1994. Full implementation of the protocols will take place during the 1995 water year.

Records of Ground-Water Levels

Data from the basic Statewide network of primary and secondary observation wells are published herein. Each well is identified by means of (1) a 15-digit number that is based on latitude and longitude and (2) a local well number. (See the section titled "Station Identification Numbers.")

Data Collection and Computation

Measurements of water levels are made in many types of wells under varying conditions, but the methods of measurement are standardized to the extent possible. The equipment and measuring techniques used at each observation well ensure that measurements at each well are of consistent accuracy and reliability.

Tables of water-level data are presented by hydrographic area arranged in ascending order. The prime identification number for a given well is the 15-digit number that appears in the upper left corner of the table. The secondary identification number is the local well number, an alphanumeric number, derived from the township-range location of the well.

Water-level records are obtained from direct measurements with a steel tape or from the graph or punched tape of a water-stage recorder. The water-level measurements in this report are given in feet with reference to land-surface datum (lsd). Land-surface datum is a datum plane that is approximately at land surface at each well. If known, the elevation of the land-surface datum is given in the well description. The height of the measuring point (MP) above or below land-surface datum is given in each well description. Water levels in wells equipped with recording gages are reported for every fifth day and the end of each month (eom).

Water levels are reported to as many significant figures as can be justified by the local conditions. For example, in a measurement of a depth to water of several hundred feet, the error of determining the absolute value of the total depth to water may be a few tenths of a foot, whereas the error in determining the net change of water level between successive measurements may be only a hundredth or a few hundredths of a foot. For lesser depths to water, the accuracy is greater. Accordingly, most measurements are reported to a hundredth of a foot, but some are given to a tenth of a foot or a larger unit.

Data Presentation

Each well record consists of two parts, the station description and the data table of water levels observed during the water year. The description of the well is presented first through use of descriptive headings preceding the tabular data. The comments to follow clarify information presented under the different headings.

LOCATION.--This paragraph follows the well-identification number and reports the latitude and longitude (given in degrees, minutes, and seconds); a landline location designation; the hydrologic-unit number; the distance and direction from a geographic point of reference; and the owner's name.

AQUIFER.--This entry designates by name (if a name exists) and geologic age the aquifer(s) open to the well.

WELL CHARACTERISTICS.--This entry describes the well in terms of depth, diameter, casing depth and(or) screened interval, method of construction, use, and additional information such as casing breaks, collapsed screen, and other changes since construction.

INSTRUMENTATION.--This paragraph provides information on the frequency of measurement and the collection method used, allowing the user to better evaluate the reported water-level extremes by knowing whether they are based on weekly, monthly, or some other frequency of measurement.

DATUM.--This entry describes the measuring point and the land-surface elevation at the well. The measuring point is described physically (such as top of collar, notch in top of casing, plug in pump base and so on), and in relation to land surface (such as 1.3 ft above land-surface datum). The elevation of the land-surface datum is described in feet above (or below) sea level; it is reported with a precision depending on the method of determination.

REMARKS.--This entry describes factors that may influence the water level in a well or the measurement of the water level. It should identify wells that also are water-quality observation wells, and may be used to acknowledge the assistance of local (non-Survey) observers.

PERIOD OF RECORD.--This entry indicates the period for which there are published records for the well. It reports the month and year of the start of publication of water-level records by the U.S. Geological Survey and the words "to current year" if the records are to be continued into the following year. Periods for which water-level records are available, but are not published by the Geological Survey, may be noted.

EXTREMES FOR PERIOD OF RECORD.--This entry contains the highest and lowest water levels of the period of published record, with respect to land-surface datum, and the dates of their occurrence.

A table of water levels follows the station description for each well. Water levels are reported in feet below land-surface datum and all taped measurements of water level are listed. For wells equipped with recorders, only abbreviated tables are published; generally, only water-level means are listed for every fifth day and at the end of the month (eom). The highest and lowest water levels of the water year and their dates of occurrence are shown on a line below the abbreviated table. Because all values are not published for wells with recorders, the extremes may be values that are not listed in the table. Missing records are indicated by dashes in place of the water level. A hydrograph for a selected period of record may follow the water-level table.

Records of Ground-Water Quality

Records of ground-water quality in this report differ from other types of records in that, for most sampling sites, they consist of only one set of measurements for the water year. The quality of ground water ordinarily changes only slowly; therefore, for most general purposes, one annual sampling, or only a few samples taken at infrequent intervals during the year, is sufficient. Frequent measurement of the same constituents is not necessary unless one is concerned with a particular problem, such as monitoring for trends in nitrate concentration. In the special cases where the quality of ground water may change more rapidly, more frequent measurements are made to identify the nature of the changes.

Data Collection and Computation

The records of ground-water quality in this report were obtained mostly as a part of special studies in specific areas. Consequently, a number of chemical analyses are presented for some counties but none are presented for others. As a result, the records for this year, by themselves, do not provide a balanced view of ground-water quality Statewide. Such a view can be attained only by considering records for this year in context with similar records obtained for these and other counties in earlier years.

Most methods for collecting and analyzing water samples are described in the U.S. Geological Survey TWRI publications referred to in the "On-site Measurements and Sample Collection" and the "Laboratory Measurements" section in this data report. In addition, the TWRI Book 1, Chapter D2, describes guidelines for the collection and field analysis of ground-water samples for selected unstable constituents. The values reported in this report represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. These methods are consistent with ASTM standards and generally follow ISO standards. All samples were obtained by trained personnel. The wells sampled were pumped long enough to assure that the water collected came directly from the aquifer and

had not stood for a long time in the well casing where it would have been exposed to the atmosphere and to the material, possibly metal, comprising the casings.

Data Presentation

The records of ground-water quality are published in a section titled QUALITY OF GROUND WATER immediately following the ground-water-level records. Data for quality of ground water are listed numerically by hydrographic basin and are identified by well number. The prime identification number for wells sampled is the 15-digit number derived from the latitude-longitude locations. No descriptive statements are given for ground-water-quality records; however, the well number, depth of well, date of sampling, and other pertinent data are given in the table containing the chemical analyses of the ground water. The REMARK codes listed for surface-water-quality records are also applicable to ground-water-quality records.

ACCESS TO WATSTORE DATA

The National WATer Data STOrage and REtrieval System (WATSTORE) was established for handling water data collected through the activities of the U.S. Geological Survey and to provide for more effective and efficient means of releasing the data to the public. The system is operated and maintained on the central computer facilities of the Survey at its National Center in Reston, Va.

WATSTORE can provide a variety of useful products ranging from simple data tables to complex statistical analyses. A minimal fee, plus the actual computer cost incurred in producing a desired product, is charged to the requester. Information about the availability of specific types of data, the acquisition of data or products, and user charges can be obtained locally from the offices whose addresses are given on the back of the title page.

General inquiries about WATSTORE may be directed to:

Chief Hydrologist
U.S. Geological Survey
437 National Center
Reston, Virginia 22092

In addition, data can be provided in several machine-readable formats on magnetic tape or floppy disks; and as noted in the introduction, on CD-ROM disks. Beginning with the 1990 water year, all water-data reports also will be available on Compact Disk-Read Only Memory (CD-ROM). All data reports published for the current water year for the entire Nation, including Puerto Rico and the Trust Territories, will be reproduced on a single CD-ROM disk. Information about the availability of specific types of data or products, and user charges, can be obtained locally from each of the Water Resources Division's District Offices. (See address on the back of the title page.) A limited number of CD-ROM disks will be available for sale by the U.S. Geological Survey, Information Services, Federal Center, Box 25286, Denver, Colorado 80225-0046.

DEFINITION OF TERMS

Terms related to data on surface water, ground water, and water quality are defined below. See also table for converting English units to International System (SI) Units on the inside of the back cover.

Acre-foot (AC-FT, acre-ft) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.

Adenosine triphosphate (ATP) is an organic, phosphate-rich, compound important in the transfer of energy in organisms. Its central role in living cells makes it an excellent indicator of the presence of living material in water. A measure of ATP therefore provides a sensitive and rapid estimate of biomass. ATP is reported in micrograms per liter of the original water sample.

Algae are mostly aquatic single-celled, colonial, or multi-celled plants, containing chlorophyll and lacking roots, stems, and leaves.

Algal growth potential (AGP) is the maximum algal dry weight biomass that can be produced in a natural water sample under standardized laboratory conditions. The growth potential is the algal biomass present at stationary phase and is expressed as milligrams dry weight of algae produced per liter of sample.

Aquifer is a geologic formation, group of formations, or part of a formation that contains sufficient saturated permeable material to yield significant quantities of water to wells and springs.

Artesian means confined and is used to describe a well in which the water level stands above the top of the aquifer tapped by the well. A flowing artesian well is one in which the water level is above the land surface.

Bacteria are microscopic unicellular organisms, typically spherical, rodlike, or spiral and threadlike in shape, often clumped into colonies. Some bacteria cause disease, while others perform an essential role in nature in the recycling of materials; for example, by decomposing organic matter into a form available for reuse by plants.

Total coliform bacteria are a particular group of bacteria that are used as indicators of possible sewage pollution. They are characterized as aerobic or facultative anaerobic, gram-negative, nonspore-forming, rod-shaped bacteria that ferment lactose with gas formation within 48 hours at 3°C. In the laboratory these bacteria are defined as all the organisms that produce colonies with a golden-green metallic sheen within 24 hours when incubated at 35°C plus or minus 1.0°C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Fecal coliform bacteria are bacteria that are present in the intestine or feces of warm-blooded animals. They are often used as indicators of the sanitary quality of the water. In the laboratory they are defined as all organisms that produce blue colonies within 24 hours when incubated at 44.5°C plus or minus 0.2°C on M-FC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Fecal streptococcal bacteria are bacteria found also in the intestine of warm-blooded animals. Their presence in water is considered to verify fecal pollution. They are characterized as gram-positive, cocci bacteria that are capable of growth in brain-heart infusion broth. In the laboratory they are defined as all the organisms that produce red or pink colonies within 48 hours at 35°C plus or minus 1.0°C on KF-streptococcus medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Bed material is the sediment mixture of which a streambed, lake, pond, reservoir, or estuary bottom is composed.

Biochemical oxygen demand (BOD) is a measure of the quantity of dissolved oxygen, in milligrams per liter, necessary for the decomposition of organic matter by micro-organisms, such as bacteria.

Biomass is the amount of living matter present at any given time, expressed as the mass per unit area or volume of habitat.

Ash mass is the mass or amount of residue present after the residue from the dry mass determination has been ashed in a muffle furnace at a temperature of 500°C for 1 hour. The ash mass values of zooplankton and phytoplankton are expressed in grams per cubic meter (g/m^3), and periphyton and benthic organisms in grams per square mile (g/mi^2).

Dry mass refers to the mass of residue present after drying in an oven at 105°C for zooplankton and periphyton, until the mass remains unchanged. This mass represents the total organic matter, ash and sediment, in the sample. Dry-mass values are expressed in the same units as ash mass.

Organic mass or volatile mass of the living substance is the difference between the dry mass and ash mass and represents the actual mass of the living matter. The organic mass is expressed in the same units as for ash mass and dry mass.

Wet mass is the mass of living matter plus contained water.

Bottom material: See Bed material.

Cells/volume refers to the number of cells of any organism that are counted by using a microscope and grid or counting cell. Many planktonic organisms are multicelled and are counted according to the number of contained cells per sample, usually milliliters (mL) or liters (L).

Chemical oxygen demand (COD) is a measure of the chemically oxidizable material in the water and furnishes an approximation of the amount of organic and reducing material present. The determined value may correlate with natural water color or with carbonaceous organic pollution from sewage or industrial wastes.

Chlorophyll refers to the green pigments of plants. Chlorophyll a and b are the two most common green pigments in plants.

Color unit is produced by one milligram per liter of platinum in the form of the chloroplatinate ion. Color is expressed in units of the platinum-cobalt scale.

Contents is the volume of water in a reservoir or lake. Unless otherwise indicated, volume is computed on the basis of a level pool and does not include bank storage.

Control designates a feature downstream from the gage that determines the stage-discharge relation at the gage. This feature may be a natural constriction of the channel, an artificial structure, or a uniform cross section over a long reach of the channel.

Control structure as used in this report is a structure on a stream or canal that is used to regulate the flow or stage of the stream or to prevent the intrusion of salt water.

Cubic foot per second (ft^3/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to 7.48 gallons per second or 448.8 gallons per minute or 0.02832 cubic meters per second.

Cubic foot per second per day is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, approximately 1.9835 acre-feet, about 646,000 gallons, or 2,445 cubic meters.

Cubic feet per second per square mile [$(ft^3/s)/mi^2$] is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming that the runoff is distributed uniformly in time and area.

Discharge is the volume of water (or more broadly, volume of fluid plus suspended sediment) that passes a given point within a given period of time.

Annual 7-day minimum is the lowest mean discharge for 7 consecutive days for a calender year or a water year. Note that most low-flow frequency analyses of annual 7-day minimum flows use a climatic year (April 1-March 31). The date shown in the summary statistics table is the initial date of the 7-day period. (This value should not be confused with the 7-day 10-year low-flow statistic.)

Instantaneous discharge is the discharge at a particular instant of time.

Mean discharge (MEAN) is the arithmetic mean of individual daily mean discharges during a specific period.

Dissolved refers to that material in a representative water sample which passes through a 0.45-um membrane filter. This is a convenient operational definition used by Federal agencies that collect water data. Determinations of "dissolved" constituents are made on subsamples of the filtrate.

Dissolved-solids concentration of water is determined either analytically by the "residue-on-evaporation" method, or mathematically by totaling the concentrations of individual constituents reported in a comprehensive chemical analysis. During the analytical determination of dissolved solids, half of the bicarbonate (generally a major dissolved component of water) is converted to carbonate and the other half is lost as water vapor and carbon-dioxide gas. Therefore, in the mathematical calculation of dissolved-solids concentrations, the bicarbonate value, in milligrams per liter, is multiplied by 0.492 to reflect the loss and to thereby make calculated and "residue-on-evaporation" values comparable.

Drainage area of a stream at a specified location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the stream above the specified point. Figures of drainage area given herein include all closed basins, or noncontributing areas, within the area unless otherwise specified.

Drainage basin is a part of the surface of the earth that is occupied by a drainage system, which consists of a surface stream or a body of impounded surface water together with all tributary surface streams and bodies of impounded surface water.

Gage height (G.H.) is the water-surface elevation referred to some arbitrary gage datum. Gage height is often used interchangeably with the more general term "stage," although gage height is more appropriate when used with a reading on a gage.

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of hydrologic data are obtained.

Ground-water well is a dug or drilled hole used to measure water-level.

Primary ground-water well is measured monthly or more frequently.

Secondary ground-water well is generally measured one to four times per year.

Hardness of water is a physical-chemical characteristic that is commonly recognized by the increased quantity of soap required to produce lather. It is computed as the sum of equivalents of polyvalent cations and is expressed as the equivalent concentration of calcium carbonate ($CaCO_3$).

Hydrologic unit is a geographic area representing part or all of a surface drainage basin or distinct hydrologic feature as delineated by the Office of Water Data Coordination on the State Hydrologic Unit Maps; each hydrologic unit is identified by an eight-digit number.

Land-surface datum (lsd) is a datum plane that is approximately at land surface at each ground-water observation well.

Measuring point (MP) is an arbitrary permanent reference point from which the distance to the water surface in a well is measured to obtain the water level.

Metamorphic stage refers to the stage of development that an organism exhibits during its transformation from an immature form to an adult form. This developmental process exists for most insects, and the degree of difference from the immature stage to the adult form varies from relatively slight to pronounced, with many intermediates. Examples of metamorphic stages of insects are egg-larva-adult or egg-nymph-adult.

Methylene blue active substances (MBAS) are apparent detergents. The determination depends on the formation of a blue color when methylene blue dye reacts with synthetic anionic detergent compounds.

Micrograms per gram (ug/g) is a unit expressing the concentration of a chemical constituent as the mass (micrograms) of the element per unit mass (gram) of material analyzed.

Micrograms per liter (UG/L, ug/L) is a unit expressing the concentration of chemical constituents in solution as mass (micrograms) of solute per unit volume (liter) of water. One thousand micrograms per liter is equivalent to one milligram per liter.

Milligrams per liter (MG/L, mg/L) is a unit for expressing the concentration of chemical constituents in solution. Milligrams per liter represents the mass of solute per unit volume (liter) of water. Concentration of suspended sediment also is expressed in mg/L and is based on the mass of dry sediment per liter of water-sediment mixture.

National Geodetic Vertical Datum of 1929 (NGVD of 1929) is a geodetic datum derived from a general adjustment of the first order level nets of the United States and Canada. It was formerly called "Sea Level Datum of 1929" or "mean sea level" in this series of reports. Although the datum was derived from the average sea level over a period of many years at 26 tide stations along the Atlantic, Gulf of Mexico, and Pacific Coasts, it does not necessarily represent local mean sea level at any particular place.

Organism is any living entity.

Organism count/area refers to the number of organisms collected and enumerated in a sample and adjusted to the number per area habitat, usually square meter (m^2), acre, or hectare. Periphyton, benthic organisms, and macrophytes are expressed in these terms.

Organism count/volume refers to the number of organisms collected and enumerated in a sample and adjusted to the number per sample volume, usually milliliter (mL) or liter (L). Numbers of planktonic organisms can be expressed in these terms.

Total organism count is the total number of organisms collected and enumerated in any particular sample.

Parameter Code is a 5-digit number used in the U.S. Geological Survey computerized data system, WATSTORE, to uniquely identify a specific constituent. The codes used in WATSTORE are the same as those used in the U.S. Environmental Protection Agency data system, STORET. The Environmental Protection Agency assigns and approves all requests for new codes.

Partial-record station is a particular site where limited streamflow and(or) water-quality data are collected systematically over a period of years for use in hydrologic analyses.

Particle size is the diameter, in millimeters (mm), of a particle determined by either sieve or sedimentation methods. Sedimentation methods (pipet, bottom-withdrawal tube, visual-accumulation tube) determine fall diameter of particles in either distilled water (chemically dispersed) or in native water (the river water at the time and point of sampling).

Particle-size classification used in this report agrees with the recommendation made by the American Geophysical Union Subcommittee on Sediment Terminology. The classification is as follows:

Classification	Size (mm)	Method of analysis
Clay	0.00024-0.004	Sedimentation
Silt	.004-062	Sedimentation
Sand	.062-2.0	Sedimentation or sieve
Gravel	2.0-64	Sieve

The particle-size distributions given in this report are not necessarily representative of all particles in transport in the stream. Most of the organic matter is removed, and the sample is subjected to mechanical and chemical dispersion before analysis in distilled water. Chemical dispersion is not used for native-water analysis.

Percent composition is a unit for expressing the ratio of a particular part of a sample or population to the total sample or population, in terms of types, numbers, mass, or volume.

Periphyton is the assemblage of microorganisms attached to and living upon submerged solid surfaces. While primarily consisting of algae, they also include bacteria, fungi, protozoa, rotifers, and other small organisms.

Pesticides are chemical compounds used to control undesirable organisms. Major categories of pesticides include insecticides, miticides, fungicides, herbicides, and rodenticides.

Picocurie (PC, pCi) is one trillionth (1×10^{-12}) of the amount of radioactivity represented by a curie (Ci). A curie is the amount of radioactivity that yields 3.7×10^{10} radioactive disintegrations per second. A picocurie yields 2.22 dpm (disintegrations per minute).

Plankton is the community of suspended, floating, or weakly swimming organisms that live in the open water of lakes and rivers.

Phytoplankton is the plant part of the plankton. They are usually microscopic and their movement is subject to the water currents. Phytoplankton growth is dependent upon solar radiation and nutrient substances. Because they are able to incorporate as well as release materials to the surrounding water, the phytoplankton have a profound effect upon the quality of the water. They are the primary food producers in the aquatic environment and are commonly known as algae.

Blue-green algae are a group of phytoplankton organisms having a blue pigment, in addition to the green pigment called chlorophyll. Blue-green algae often cause nuisance conditions in water.

Diatoms are the unicellular or colonial algae having a siliceous shell. Their concentrations are expressed as number of cells per milliliter (cells/mL) of sample.

Green algae have chlorophyll pigments similar in color to those of higher green plants. Some forms produce algae mats or floating "moss" in lakes. Their concentrations are expressed as number of cells per milliliter (cells/mL) of sample.

Zooplankton is the animal part of the plankton. Zooplankton are capable of extensive movements within the water column and are often large enough to be seen with the unaided eye. Zooplankton are secondary consumers feeding upon bacteria, phytoplankton, and detritus. Because they are the grazers in the aquatic environment, the zooplankton are a vital part of the aquatic food web. The zooplankton community is dominated by small crustaceans and rotifers.

Primary productivity is a measure of the rate at which new organic matter is formed and accumulated through photosynthetic and chemosynthetic activity of producer organisms (chiefly, green plants). The rate of primary production is estimated by measuring the amount of oxygen released (oxygen method) or the amount of carbon assimilated by the plants (carbon method).

Milligrams of carbon per area or volume per unit time [mg C/(m^2,time)] for periphyton and macrophytes and [mg C/(m^3,time)] for phytoplankton are units for expressing primary productivity. They define the amount of carbon dioxide consumed as measured by radioactive carbon (carbon 14). The carbon 14 method is of greater sensitivity than the oxygen light and dark bottle method and is preferred for use in unenriched waters. Unit time may be either the hour or day, depending on the incubation period.

Milligrams of oxygen per area or volume per unit time [mgO/(m^2,time)] for periphyton and macrophytes and [mgO/(m^3,time)] for phytoplankton are the units for expressing primary productivity. They define production and respiration rates as estimated from changes in the measured dissolved-oxygen concentration. The oxygen light and dark bottle method is preferred if the rate of primary production is sufficient for accurate measurements to be made within 24 hours. Unit time may be either the hour or day, depending on the incubation period.

Recoverable from bottom material is the amount of a given constituent that is in solution after a representative sample of bottom material has been digested by a method (usually using an acid or mixture of acids) that results in dissolution of readily soluble substances. Complete dissolution of all bottom material is not achieved by the digestion treatment and thus the determination represents less than the total amount (that is, less than 95 percent) of the constituent in the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Return period is the average time interval between occurrences of a hydrological event of a given or greater magnitude, usually expressed in years. May also be called recurrence interval.

Runoff in inches (IN., in.) shows the depth to which the drainage area would be covered if all the runoff for a given time period were uniformly distributed on it.

Sea level: In this report "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)--a geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada, formerly called Sea Level Datum of 1929.

Sediment is solid material that originates mostly from disintegrated rocks and is transported by, suspended in, or deposited from water; it includes chemical and biochemical precipitates and decomposed organic material, such as humus. The quantity, characteristics, and cause of the occurrence of sediment in streams are influenced by environmental factors. Some major factors are degree of slope, length of slope, soil characteristics, land usage, and quantity and intensity of precipitation.

Bed load is the sediment that is transported in a stream by rolling, sliding, or skipping along the bed and very close to it. In this report, bed load is considered to consist of particles in transit within 0.25 ft of the streambed.

Bed-load discharge (tons per day) is the quantity of bed load measured by dry weight that moves past a section as bed load in a given time.

Suspended sediment is the sediment that at any given time is maintained in suspension by the upward components of turbulent currents or that exists in suspension as a colloid.

Suspended-sediment concentration is the velocity-weighted concentration of suspended sediment in the sampled zone (from the water surface to a point approximately 0.3 ft above the bed) expressed as milligrams of dry sediment per liter of water-sediment mixture (mg/L).

Mean concentration is the time-weighted concentration of suspended sediment passing a stream section during a 24-hour day.

Suspended-sediment discharge (tons/day) is the rate at which dry mass of sediment passes a section of a stream or is the quantity of sediment, as measured by dry mass or volume, that passes a section in a given time. It is calculated in units of tons per day as follows: concentration (mg/L) x discharge (ft^3/s) x 0.0027.

Suspended-sediment load is a general term that refers to material in suspension. It is not synonymous with either discharge or concentration.

Total-sediment discharge (tons/day) is the sum of the suspended-sediment discharge and the bedload discharge. It is the total quantity of sediment, as measured by dry mass or volume, that passes a section during a given time.

Total-sediment load or total load is a term which refers to the total sediment (bed load plus suspended-sediment load) that is in transport. It is not synonymous with total-sediment discharge.

Seven-day 10-year low flow ($7Q_{10}$) is the discharge at the 10-year recurrence interval taken from a frequency curve of annual values of the lowest mean discharge for 7 consecutive days (the 7-day low flow).

Sodium-adsorption-ratio (SAR) is the expression of relative activity of sodium ions in exchange reactions within soil and is an index of sodium or alkali hazard to the soil. Waters range in respect to sodium hazard from those which can be used for irrigation on almost all soils to those which are generally unsatisfactory for irrigation.

Solute is any substance that is dissolved in water.

Specific conductance is a measure of the ability of a water to conduct an electrical current. It is expressed in microsiemens per centimeter at 25°C. Specific conductance is related to the type and concentration of ions in solution and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is about 65 percent of the specific conductance (in microsiemens). This relation is not constant from stream to stream, and it may vary in the same source with changes in the composition of the water.

Stage-discharge relation is the relation between gage height (stage) and volume of water, per unit of time, flowing in a channel.

Streamflow is the discharge that occurs in a natural channel. Although the term "discharge" can be applied to the flow of a canal, the word "streamflow" uniquely describes the discharge in a surface stream course. The term "streamflow" is more general than "runoff" as streamflow may be applied to discharge whether or not it is affected by diversion or regulation.

Substrate is the physical surface upon which an organism lives.

Artificial substrate is a device that is purposely placed in a stream or lake for colonization of organisms. The artificial substrate simplifies the community structure by standardizing the substrate from which each sample is taken. Examples of artificial substrates are basket samplers (made of wire cages filled with clean streamside rocks) and multiplate samplers (made of hardboard) for benthic organism collection, and plexiglass strips for periphyton collection.

Natural substrate refers to any naturally occurring emersed or submersed solid surface, such as a rock or tree, upon which an organism lives.

Surface area of a lake is that area outlined on the latest USGS topographic map as the boundary of the lake and measured by a planimeter in acres. In localities not covered by topographic maps, the areas are computed from the best maps available at the time planimetered. All areas shown are those for the stage when the planimetered map was made.

Surficial bed material is the part (0.1 to 0.2 ft) of the bed material that is sampled using U.S. Series Bed-Material Samplers.

Suspended (as used in tables of chemical analyses) refers to the amount (concentration) of undissolved material in a water-sediment mixture. It is associated with the material retained on a 0.45-micrometer filter.

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that is retained on a 0.45-um membrane filter has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all the particulate matter is not achieved by the digestion treatment and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the sample. To achieve comparability of analytical data, equivalent digestion procedures are required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Determinations of "suspended, recoverable" constituents are made either by analyzing portions of the material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total recoverable concentrations of the constituent.

Suspended, total is the total amount of a given constituent in the part of a representative water-suspended sediment sample that is retained on a 0.45-um membrane filter. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to determine when the results should be reported as "suspended, total."

Determinations of "suspended, total" constituents are made either by analyzing portions of the material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total concentrations of the constituent.

Taxonomy is the division of biology concerned with the classification and naming of organisms. The classification of organisms is based upon a hierarchical scheme beginning with Kingdom and ending with Species at the base. The higher the classification level, the fewer features the organisms have in common. For example, the taxonomy of a particular mayfly, Hexagenia limbata, is the following:

Kingdom	Animal
Phylum	Arthropoda
Class	Insecta
Order	Ephemeroptera
Family	Ephemeridae
Genus	Hexagenia
Species	Hexagenia limbata

Thermograph is an instrument that continuously records variations of temperature on a chart. The more general term "temperature recorder" is used in the table headings and refers to any instrument that records temperature whether on a chart, a tape, or any other medium.

Time weighted average is computed by multiplying the number of days in the sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the total number of days. A time-weighted average represents the composition of water that would be contained in a vessel or reservoir that had received equal quantities of water from the stream each day for the year.

Tons per acre-foot indicates the dry mass of dissolved solids in 1 acre-foot of water. It is computed by multiplying the concentration of the constituent, in milligrams per liter, by 0.00136.

Tons per day (T/DAY) is the quantity of a substance in solution or suspension that passes a stream section during a 24-hour period.

Total is the total amount of a given constituent in a representative water-suspended sediment sample, regardless of the constituent's physical or chemical form. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent present in both the dissolved and suspended phases of the sample. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to judge when the results should be reported as "total." (Note that the word "total" does double duty here, indicating both that the sample consists of a water-suspended sediment mixture and that the analytical method determined all the constituent in the sample.)

Total discharge is the total quantity of any individual constituent, as measured by dry mass or volume, that passes through a stream cross-section per unit of time. This term needs to be qualified, such as "total sediment discharge," "total chloride discharge," and so on.

Total, recoverable is the amount of a given constituent that is in solution after a representative water-suspended sediment sample has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all particulate matter is not achieved by the digestion treatment, and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the dissolved and suspended phases of the sample. To achieve comparability of analytical data, equivalent digestion procedures are required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

WDR is used as an abbreviation for "Water-Data Report" in the REVISED RECORDS paragraph to refer to State annual hydrologic-data reports (WRD was used as an abbreviation for "Water-Resources Data" in reports published prior to 1976).

WSP is used as an abbreviation for "Water-Supply Paper" in reference to previously published reports.

Water year in Geological Survey reports dealing with surface-water supply is the 12-month period October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year ending September 30, 1995, is called the "1995 water year."

Weighted average is used in this report to indicate discharge-weighted average. It is computed by multiplying the discharge for a sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the sum of the discharges. A discharge-weighted average approximates the composition of water that would be found in a reservoir containing all the water passing a given location during the water year after thorough mixing in the reservoir.

REFERENCES CITED

Reno Gazette-Journal, 1995, Las Vegas lawns may be limited: Reno, Nev., Reno Gazette-Journal, May 4, 1995, p. 2B.

Reno Gazette-Journal, 1995, Farmers reap harvest of ample water: Reno, Nev., Reno Gazette-Journal, June 8, 1995, p. 1A.

Reno Gazette-Journal, 1995, New watering day just a phone call away in Reno: Reno, Nev., Reno Gazette-Journal, June 28, 1995, p. 3B.

Reno Gazette-Journal, 1995, Utility pushes water meter plan: Reno, Nev., Reno Gazette-Journal, July 31, 1995, p. 1A.

Reno Gazette-Journal, 1995, Nevada's meter ban--a chronology: Reno, Nev., Reno Gazette-Journal, July 31, 1995, p. 6A.

Reno Gazette-Journal, 1995, Meters or no meters?: Reno, Nev., Reno Gazette-Journal, July 31, 1995, p. 6A.

U.S. Bureau of the Census, 1991, 1990 Census profile: 1990 Census Profile no. 1, 4 p.

WATER-RELATED PUBLICATIONS FOR NEVADA COMPLETED BY THE U.S. GEOLOGICAL SURVEY DURING WATER YEAR 1995

Andraski, B.J., 1994, Disturbance effects on soil properties and water balance at a low-level radioactive waste site, AMARGOSA DESERT, Nevada [abs.]: 86th Annual Meeting, American Society of Agronomy, Seattle, November 1994, Agronomy Abstracts, v. 86, p. 227.

Andraski, B.J., Prudic, D.E., and Nichols, W.D., 1995, Waste burial in arid environments—Application of information from a field laboratory in the MOHAVE DESERT, southern Nevada: U.S. Geological Survey Fact Sheet FS-179-95, 4 p.

Arteaga, F.E., Smith, J.L., and Harrill, J.R., 1995, Irrigated croplands, estimated pumpage, and water-level changes in DIAMOND VALLEY, Eureka and Elko Counties, Nevada, through 1990: U.S. Geological Survey Open-File Report 95-107, 68 p.

August, M.H., and Long, Kati, 1994, Development of a data base to support the publication of the USGS Water Data Report: Fifth Annual Conference, Nevada State GIS, Sparks, December 1994, Final Program, unpaginated.

Bauer, E.M., and Cartier, K.D., 1995, Reference manual for data base on Nevada well logs: U.S. Geological Survey Open-File Report 95-460, 31 p.

Beck, D.A., and Glancy, P.A., 1995, Overview of runoff of March 11, 1995, in FORTYMILE WASH and AMARGOSA RIVER, southern Nevada: U.S. Geological Survey Fact Sheet FS-210-95, 4 p.

Berger, D.L., 1995, Ground-water conditions and effects of mine dewatering in DESERT VALLEY, Humboldt and Pershing Counties, northwestern Nevada, 1962-91: U.S. Geological Survey Water-Resources Investigations Report 95-4119, 94 p.

Blout, D.O., Hammermeister, D.P., Loskot, C.L., and Chornack, M.P., 1994, Geohydrologic data collected from shallow neutron-access boreholes, and resultant-preliminary geohydrologic evaluations, YUCCA MOUNTAIN area, Nye County, Nevada: U.S. Geological Survey Open-File Report 92-657, 147 p.

Bohman, L.R., Berris, S.N., and Hess, G.W., 1995, Interactive computer program to simulate and analyze streamflow, TRUCKEE AND CARSON RIVER BASINS, Nevada and California: U.S. Geological Survey Fact Sheet FS-165-95, 4 p.

Boucher, M.S., 1994, Water levels in wells J-11 and J-12, 1989-91, YUCCA MOUNTAIN area, Nevada: U.S. Geological Survey Open-File Report 94-303, 9 p.

Burbey, T.J., 1995, Simulation of three-dimensional granular displacement in unconsolidated aquifers, *in* Prince, K.R., Galloway, D.L., and Leake, S.A., eds., U.S. Geological Survey Subsidence Interest Group Conference Edwards Air Force Base, Antelope Valley, California, November 18-19 1992—Abstracts and summary: U.S. Geological Survey Open-File Report 94-532, p. 71-73.

Carman, R.L., 1994, Meteorological data for four sites at surface-disruption features in YUCCA FLAT, Nevada Test Site, Nye County, Nevada, 1985-86: U.S. Geological Survey Open-File Report 94-491, 43 p.

Carr, W.J., Keller, S.M., and Grow, J.A., 1995, Lithologic and geophysical logs of drill holes Felderhoff Federal 5-1 and 25-1, AMARGOSA DESERT, Nye County, Nevada: U.S. Geological Survey Open-File Report 95-155, 14 p.

Cartier, K.D., Bauer, E.M., and Farnham, J.L., 1995, Reference manual for data base on Nevada water-rights permits: U.S. Geological Survey Open-File Report 95-452, 30 p.

Cartier, K.D., Peltz, L.A., and Long, Kati, 1995, Hydrologic basins and hydrologic-monitoring sites of LAKE TAHOE BASIN, California and Nevada: U.S. Geological Survey Open-File Report 95-316, 1 sheet.

Ciesnik, M.S., 1995, Ground-water altitudes and well data, NYE COUNTY, Nevada, and Inyo County, California: U.S. Geological Survey Open-File Report 93-89, 27 p.

Crompton, E.J., 1995, Potential hydrologic effects of mining in the HUMBOLDT RIVER BASIN, northern Nevada: U.S. Geological Survey Water-Resources Investigations Report 94-4233, 2 sheets.

Dettinger, M.D., and Schaefer, D.H., 1995, Decade-scale hydroclimatic forcing of ground-water levels in the central Great Basin, eastern Nevada: Summer Symposium, American Water Resources Association, Honolulu, June 1995, p. 195-204.

Foglesong, M.T., comp., 1995, Water-related scientific activities of the U.S. Geological Survey in Nevada, fiscal years 1993-94: U.S. Geological Survey Open-File Report 95-126, 69 p.

Geslin, J.K., Moyer, T.C., and Buesch, D.C., 1995, Summary of lithologic logging of new and existing boreholes at YUCCA MOUNTAIN, Nevada, August 1993 to February 1994: U.S. Geological Survey Open-File Report 94-342, 39 p.

Graf, J.B., 1995, Measured and predicted velocity and longitudinal dispersion at steady and unsteady flow, COLORADO RIVER, Glen Canyon Dam to Lake Mead: Water Resources Bulletin, v. 31, no. 2, p. 265-279.

Hale, G.S., and Westenburg, C.L., 1995, Selected ground-water data for YUCCA MOUNTAIN region, southern Nevada and eastern California, calendar year 1993: U.S. Geological Survey Open-File Report 95-158, 68 p.

Harrill, J.R., and Hines, L.B., 1995, Estimated natural ground-water recharge, discharge, and budget for the DIXIE VALLEY area, west-central Nevada: U.S. Geological Survey Water-Resources Investigations Report 95-4052, 12 p.

Helm, D.C., 1995, Hydraulic forces that play a role in generating fissures at depth, *in* Prince, K.R., Galloway, D.L., and Leake, S.A., eds., U.S. Geological Survey Subsidence Interest Group Conference Edwards Air Force Base, Antelope Valley, California, November 18-19, 1992—Abstracts and summary: U.S. Geological Survey Open-File Report 94-532, p. 66-70.

Johnson, M.J., 1994, Ground-water discharge by evapotranspiration in a desert environment of southern Nevada, 1987: U.S. Geological Survey Water-Resources Investigations Report 94-4124, 20 p.

——1995, Summer evapotranspiration rates, by Bowen-ration and eddy correlation methods, in BOULDER FLAT and in MAGGIE CREEK AREA, Eureka County, Nevada, 1991-92: U.S. Geological Survey Water-Resources Investigations Report 95-4079, 11 p.

Kilroy, K.C., 1995, Hydrologic conditions in THOUSAND SPRINGS VALLEY and vicinity, Elko County, Nevada [abs.]: Nevada Water Conference, Nevada Water Resources Association, Reno, March 1995, Abstracts of Technical Papers and Posters, p. 8.

Lawrence, S.J., and Bevans, H.E., 1994, Mercury in bottom sediment and aquatic invertebrates, CARSON and TRUCKEE RIVER BASINS, Nevada and California [abs.]: 15th Annual Meeting, Society of Environmental Toxicology and Chemistry, Denver, October 1994, Abstract Book, p. 19.

Lico, M.S., and Seiler, R.L., 1995, Ground-water quality and geochemistry, CARSON DESERT, western Nevada: U.S. Geological Survey Open-file Report 94-31, 91 p.

Lobmeyer, D.H., Luckey, R.R., O'Brien, G.M., and Burkhardt, D.J., 1995, Water levels in continuously monitored wells in the YUCCA MOUNTAIN area, Nevada, 1989: U.S. Geological Survey Open-File Report 93-98, 173 p.

Long, Kati, and Peltz, L.A., 1994, Water-related scientific activities of the spatial applications section, Nevada District, U.S. Geological Survey, 1994: Fifth Annual Conference, Nevada State GIS, Sparks, December 1993, Final Program, unpaginated.

Maurer, D.K., and Peltz, L.A., 1994, Potential for, and possible effects of, artificial recharge in CARSON VALLEY, Douglas County, Nevada: U.S. Geological Survey Water-Resources Investigations Report 94-4126, 4 sheets.

McKinley, P.W., and Oliver, T.A., 1994, Meteorological, stream-discharge, and water-quality data for 1986 through 1991 from two basins in central Nevada: U.S. Geological Survey Open-File Report 93-651, 167 p.

——1995, Meteorological, stream-discharge, and water-quality data for water year 1992 from two basins in central Nevada: U.S. Geological Survey Open-File Report 94-456, 56 p.

Moyer, T.C., and Geslin, J.K., 1995, Lithostratigraphy of the Calico Hills formation and Prow Pass Tuff (Crater Flat Group) at YUCCA MOUNTAIN, Nevada: U.S. Geological Survey Open-File Reports 94-460, 59 p.

Nichols, W.D., 1994, Groundwater discharge by phreatophyte shrubs in the GREAT BASIN as related to depth to groundwater: Water Resources Research, v. 30, no. 12, p. 3265-3274.

O'Brien, G.M., Tucci, Patrick, and Burkhardt, D.J., 1995, Water levels in the YUCCA MOUNTAIN area, Nevada, 1992: U.S. Geological Survey Open-File Report 94-311, 74 p.

Owen-Joyce, S.J., and Wilson, R.P., 1994, Accounting for consumptive use of lower Colorado River water in Arizona, California, Nevada, and Utah: U.S. Geological Survey Fact Sheet FS-74-94, 2 p.

Peltz, L.A., and August, M.H., 1994, The Public Land Survey System—Coordinate comparison: Fifth Annual Conference, Nevada State GIS, Sparks, December 1994, Final Program, unpaginated.

Peltz, L.A., and Liebermann, T.D., 1994, Comparison of digital hydrographic-basin boundaries at several scales: Fifth Annual Conference, Nevada State GIS, Sparks, December 1994, Final Program, unpaginated.

Peltz, L.A., Smith, J.L., and Cartier, K.D., 1994, Slope and aspect classifications of LAKE TAHOE BASIN, California and Nevada: U.S. Geological Survey Open-File Report 94-105, 1 sheet.

Perfect, D.L., Faunt, C.C., Steinkampf, W.C., and Turner, A.K., 1995, Hydrochemical data base for the Death Valley region, California and Nevada: U.S. Geological Survey Open-File Report 94-305, 10 p. and one diskette.

Plume, R.W., 1995, Water resources and potential effects of ground-water development in MAGGIE, MARYS, and SUSIE CREEK BASINS, Elko and Eureka Counties, Nevada: U.S. Geological Survey Water-Resources Investigations Reports 94-4222, 87 p.

Prudic, D.E., and Wood, J.L., 1995, Results of hypothetical ground-water pumping in CARSON VALLEY, a river dominated basin in Douglas County, Nevada, and Alpine County, California: U.S. Geological Survey Water-Resources Investigations Report 95-4174, 29 p.

Reiner, S.R., Locke, G.L., and Robie, L.S., 1995, Ground-water data for the NEVADA TEST SITE and selected other areas in south-central Nevada, 1992-93: U.S. Geological Survey Open-File Report 95-160, 38 p.

Robie, L.S., Reiner, S.L., and Locke, G.L., 1995, Ground-water data for the NEVADA TEST SITE, 1992, and for selected other areas in south-central Nevada, 1952-92: U.S. Geological Survey Open-File Report 95-284, 48 p.

Rowe, T.G., 1995, Seasonal variation of nutrient and sediment loadings of streamflow into LAKE TAHOE from Incline Creek Basin, Nevada, water year 1993 [abs.]: Nevada Water Conference, Nevada Water Resources Association, Reno, March, 1995, Abstracts of Technical Papers and posters, p. 18.

Savard, C.S., 1995, Selected hydrologic data from Fortymile Wash in the YUCCA MOUNTAIN area, Nevada, water year 1992: U.S Geological Survey Open-File Report 94-317, 58 p.

Seiler, R.L., 1995, Prediction of areas where irrigation drainage may induce selenium contamination of water: Journal of Environmental Quality, v. 24, no. 5, p. 973-979.

Seiler, R.L., and Skorupa, J.P., 1995, Identification of areas at risk for selenium contamination in the western United States: Annual Meeting, American Institute of Hydrology, Denver, May 1995, Proceedings, p. LL-85 — LL-94.

Skorupa, J.P., and Seiler, R.L., 1995, Implications of biological sensitivity to selenium for managing irrigation projects: Summer Symposium, American Water Resources Association, Honolulu, June 1995, Proceedings, unpaginated.

Smith, J.L., 1994, Geographic information system of surveyed and photogrammetric measurements of cross-sectional elevation data, Virgin River, Nevada and Arizona: Fifth Annual Conference, Nevada State GIS, Sparks, December 1994, Final Program, unpaginated.

Taylor, R.L., and Hoffman, R.J., 1995, Protocol for collecting and processing surface-water samples for subsequent determination of inorganic constituents in filtered water [abs.]: Nevada Water Conference, Nevada Water Resources Association, Reno, March 1995, Abstracts of Technical Papers and Posters, p. 14.

Thodal, C.E., 1995, Hydrogeologic setting and ground-water quality of areas tributary to LAKE TAHOE in Douglas County and Carson City, Nevada, through 1987: U.S. Geological Survey Water-Resources Investigations Report 94-4079, 31 p.

Thomas, J.M., 1995, Water budget and salinity of WALKER LAKE, western Nevada: U.S. Geological Survey Fact Sheet FS-115-95, 4 p.

Thomas, J.M., and Lawrence, S.J., 1995, Ground-water quality and geochemistry in DAYTON, STAGECOACH, and CHURCHILL VALLEYS, western Nevada: U.S. Geological Survey Open-File Report 93-356, 69 p.

Unger, R.W., 1995, Evaluation of digital pressure sensors used to measure water levels at the NEVADA TEST SITE, Nye County, Nevada, 1990-93 [abs.], *in* Hollet, K.J., Wilbourn, S.L., and Latkovich, V.J., comps., Proceedings of a U.S. Geological Survey Workshop on the application and needs of submersible pressure sensors, Denver, Colorado, June 7-10, 1994: U.S. Geological Survey Open-File Report 94-531, p. 41.

U.S. Geological Survey, 1995, United States Geological Survey programs in Nevada: U.S. Geological Survey Fact Sheet FS-28-95, 4 p.

Welch, A.H., 1994, Ground-water quality and geochemistry in CARSON and EAGLE VALLEYS, western Nevada and eastern California: U.S Geological Survey Open-File Report 93-33, 99 p.

Westenburg, C.L., 1995, Dissolved-solids contribution to the Colorado River from public lands in southeastern Nevada, through September 1993: U.S. Geological Survey Water-Resources Investigations Report 94-4210, 25 p.

Wood, J.L., and Andraski, B.J., 1995, Selected meteorological data for an arid site near BEATTY, Nye County, Nevada, calendar years 1990 and 1991: U.S Geological Survey Open-File Report 94-489, 49 p.

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS

The U.S. Geological Survey publishes a series of manuals describing procedures for planning and conducting specialized work in water-resources investigations. The material is grouped under major subject headings called books and is further divided into sections and chapters. For example, Section A of Book 3 (Applications of Hydraulics) pertains to surface water. The chapter, the unit of publication, is limited to a narrow field of subject matter. This format permits flexibility in revision and publication as the need arises.

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1-D1. *Water temperature--influential factors, field measurement, and data presentation*, by H. H. Stevens, Jr., J. F. Ficke, and G. F. Smoot: USGS--TWRI Book 1, Chapter D1. 1975. 65 pages.

1-D2. *Guidelines for collection and field analysis of ground-water samples for selected unstable constituents*, by W. W. Wood: USGS--TWRI Book 1, Chapter D2. 1976. 24 pages.

2-D1. *Application of surface geophysics to ground-water investigations*, by A. A. R. Zohdy, G. P. Eaton, and D. R. Mabey: USGS--TWRI Book 2, Chapter D1. 1974. 116 pages.

2-D2. *Application of seismic-refraction techniques to hydrologic studies*, by F. P. Haeni: USGS--TWRI Book 2, Chapter D2. 1988. 86 pages.

2-E1. *Application of borehole geophysics to water-resources investigations*, by W. S. Keys and L.M. MacCary: USGS--TWRI Book 2, Chapter E1. 1971. 126 pages.

2-E2. *Borehole geophysics applied to ground-water investigations*, by W. S. Keys: USGS--TWRI Book 2, Chapter E2. 1990. 150 pages.

2-F1. *Application of drilling, coring, and sampling techniques to test holes and wells*, by Eugene Shuter and W. E. Teasdale: USGS--TWRI Book 2, Chapter F1. 1989. 97 pages.

3-A1. *General field and office procedures for indirect discharge measurements*, by M. A. Benson and Tate Dalrymple: USGS--TWRI Book 3, Chapter A1. 1967. 30 pages.

3-A2. *Measurement of peak discharge by the slope-area method*, by Tate Dalrymple and M. A. Benson: USGS--TWRI Book 3, Chapter A2. 1967. 12 pages.

3-A3. *Measurement of peak discharge at culverts by indirect methods*, by G. L. Bodhaine: USGS--TWRI Book 3, Chapter A3. 1968. 60 pages.

3-A4. *Measurement of peak discharge at width contractions by indirect methods*, by H. F. Matthai: USGS-TWRI Book 3, Chapter A4. 1967. 44 pages.

3-A5. *Measurement of peak discharge at dams by indirect methods*, by Harry Hulsing: USGS--TWRI Book 3. Chapter A5. 1967. 29 pages.

3-A6. *General procedure for gaging streams*, by R. W. Carter and Jacob Davidian: USGS--TWRI Book 3, Chapter A6. 1968. 13 pages.

3-A7. *Stage measurement at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A7. 1968. 28 pages.

3-A8. *Discharge measurements at gaging stations*, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A8. 1969. 65 pages.

3-A9. *Measurement of time of travel in streams by dye tracing*, by F. A. Kilpatrick and J. F. Wilson, Jr.: USGS--TWRI Book 3, Chapter A9. 1989. 27 pages.

3-A10. *Discharge ratings at gaging stations*, by E. J. Kennedy: USGS--TWRI Book 3, Chapter A10. 1984. 59 pages.

3-A11. *Measurement of discharge by the moving-boat method*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 3, Chapter A11. 1969. 22 pages.

3-A12. *Fluorometric procedures for dye tracing*, Revised, by J. F. Wilson, Jr., E. D. Cobb, and F. A. Kilpatrick: USGS- -TWRI Book 3, Chapter A12. 1986. 34 pages.

3-A13. *Computation of continuous records of streamflow*, by E. J. Kennedy: USGS--TWRI Book 3, Chapter A13. 1983. 53 pages.

3-A14. *Use of flumes in measuring discharge*, by F. A. Kilpatrick and V. R. Schneider: USGS--TWRI Book 3, Chapter A14. 1983. 46 pages.

3-A15. *Computation of water-surface profiles in open channels*, by Jacob Davidian: USGS--TWRI Book 3, Chapter A15. 1984. 48 pages.

3-A16. *Measurement of discharge using tracers*, by F. A. Kilpatrick and E. D. Cobb: USGS--TWRI Book 3, Chapter A16. 1985. 52 pages.

3-A17. *Acoustic velocity meter systems*, by Antonius Laenen: USGS--TWRI Book 3, Chapter A17. 1985. 38 pages.

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued

3-A18. *Determination of stream reaeration coefficients by use of tracers*, by F. A. Kilpatrick, R. E. Rathbun, Nobuhiro Yotsukura, G. W. Parker, and L. L. DeLong: USGS--TWRI Book 3, Chapter A18. 1989. 52 pages.

3-A19. *Levels at streamflow gaging stations*, by E.J. Kennedy: USGS--TWRI Book 3, Chapter A19. 1990. 31 pages.

3-A20. *Simulation of soluable waste transport and buildup in surface waters using tracers*, by F. A. Kilpatrick: USGS--TWRI Book 3, Chapter A20. 1993. 38 pages.

3-A21. *Stream-gaging cableways*, by C. Russell Wagner: USGS--TWRI Book 3, Chapter A21. 1995. 56 pages.

3-B1. *Aquifer-test design, observation, and data analysis*, by R. W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages.

3-B2. *Introduction to ground-water hydraulics, a programed text for self-instruction*, by G. D. Bennett: USGS-- TWRI Book 3, Chapter B2. 1976. 172 pages.

3-B3. *Type curves for selected problems of flow to wells in confined aquifers*, by J. E. Reed: USGS--TWRI Book 3, Chapter B3. 1980. 106 pages.

3-B4. *Regression modeling of ground-water flow*, by R. L. Cooley and R. L. Naff: USGS--TWRI Book 3, Chapter B4. 1990. 232 pages.

3-B4. *Supplement 1. Regression modeling of ground-water flow - Modifications to the computer code for nonlinear regression solution of steady-state ground-water flow problems*, by R. L. Cooley: USGS--TWRI Book 3, Chapter B4. 1993. 8 pages.

3-B5. *Definition of boundary and initial conditions in the analysis of saturated ground-water flow systems--An introduction*, by O. L. Franke, T. E. Reilly, and G. D. Bennett: USGS--TWRI Book 3, Chapter B5. 1987. 15 pages.

3-B6. *The principle of superposition and its application in ground-water hydraulics*, by T. E. Reilly, O. L. Franke, and G. D. Bennett: USGS--TWRI Book 3, Chapter B6. 1987. 28 pages.

3-B7. *Analytical solutions for one-, two-, and three-dimensional solute transport in ground-water systems with uniform flow*, by E. J. Wexler: USGS--TWRI Book 3, Chapter B7. 1992. 190 pages.

3-C1. *Fluvial sediment concepts*, by H. P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages.

3-C2. *Field methods for measurement of fluvial sediment*, by H. P. Guy and V. W. Norman: USGS--TWRI Book 3, Chapter C2. 1970. 59 pages.

3-C3. *Computation of fluvial-sediment discharge*, by George Porterfield: USGS--TWRI Book 3, Chapter C3. 1972. 66 pages.

4-A1. *Some statistical tools in hydrology*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A1. 1968. 39 pages.

4-A2. *Frequency curves*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A2. 1968. 15 pages.

4-B1. *Low-flow investigations*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B1. 1972. 18 pages.

4-B2. *Storage analyses for water supply*, by H. C. Riggs and C. H. Hardison: USGS--TWRI Book 4, Chapter B2. 1973. 20 pages.

4-B3. *Regional analyses of streamflow characteristics*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B3. 1973. 15 pages.

4-D1. *Computation of rate and volume of stream depletion by wells*, by C. T. Jenkins: USGS--TWRI Book 4, Chapter D1. 1970. 17 pages.

5-A1. *Methods for determination of inorganic substances in water and fluvial sediments*, by M.J. Fishman and L. C. Friedman, editors: USGS--TWRI Book 5, Chapter A1. 1989. 545 pages.

5-A2. *Determination of minor elements in water by emission spectroscopy*, by P. R. Barnett and E. C. Mallory, Jr.: USGS--TWRI Book 5, Chapter A2. 1971. 31 pages.

5-A3. *Methods for the determination of organic substances in water and fluvial sediments*, edited by R. L. Wershaw, M. J. Fishman, R. R. Grabbe, and L. E. Lowe: USGS--TWRI Book 5, Chapter A3. 1987. 80 pages.

5-A4. *Methods for collection and analysis of aquatic biological and microbiological samples*, by L. J. Britton and P. E. Greeson, editors: USGS--TWRI Book 5, Chapter A4. 1989. 363 pages.

5-A5. *Methods for determination of radioactive substances in water and fluvial sediments*, by L.L. Thatcher, V. J. Janzer, and K. W. Edwards: USGS--TWRI Book 5, Chapter A5. 1977. 95 pages.

5-A6. *Quality assurance practices for the chemical and biological analyses of water and fluvial sediments*, by L. C. Friedman and D. E. Erdmann: USGS--TWRI Book 5, Chapter A6. 1982. 181 pages.

5-C1. *Laboratory theory and methods for sediment analysis*, by H. P. Guy: USGS--TWRI Book 5, Chapter C1. 1969. 58 pages.

6-A1. *A modular three-dimensional finite-difference ground-water flow model*, by M. G. McDonald and A. W. Harbaugh: USGS--TWRI Book 6, Chapter A1. 1988. 586 pages.

6-A2. *Documentation of a computer program to simulate aquifer-system compaction using the modular finite-difference ground-water flow model*, by S. A. Leake and D. E. Prudic: USGS--TWRI Book 6, Chapter A2. 1991. 68 pages.

6-A3. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 1: Model Description and User's Manual*, by L. J. Torak: USGS--TWRI Book 6, Chapter A3. 1993. 136 pages

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6-A4. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 2: Derivation of finite-element equations and comparisons with analytical solutions,* by R. L. Cooley: USGS--TWRI Book 6, Chapter A4. 1992. 108 pages.

6-A5. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 3: Design philosophy and programming details,* by L. J. Torak: USGS--TWRI Book 6, Chapter A5, 1993. 243 pages.

7-C1. *Finite difference model for aquifer simulation in two dimensions with results of numerical experiments,* by P. C. Trescott, G. F. Pinder, and S. P. Larson: USGS--TWRI Book 7, Chapter C1. 1976. 116 pages.

7-C2. *Computer model of two-dimensional solute transport and dispersion in ground water,* by L. F. Konikow and J. D. Bredehoeft: USGS--TWRI Book 7, Chapter C2. 1978. 90 pages.

7-C3. *A model for simulation of flow in singular and interconnected channels,* by R. W. Schaffranek, R. A. Baltzer, and D. E. Goldberg: USGS--TWRI Book 7, Chapter C3. 1981. 110 pages.

8-A1. *Methods of measuring water levels in deep wells,* by M. S. Garber and F. C. Koopman: USGS--TWRI Book 8, Chapter A1. 1968. 23 pages.

8-A2. *Installation and service manual for U.S. Geological Survey manometers,* by J. D. Craig: USGS--TWRI Book 8, Chapter A2. 1983. 57 pages.

8-B2. *Calibration and maintenance of vertical-axis type current meters,* by G. F. Smoot and C. E. Novak: USGS--TWRI Book 8, Chapter B2. 1968. 15 pages.

SURFACE WATER RECORDS

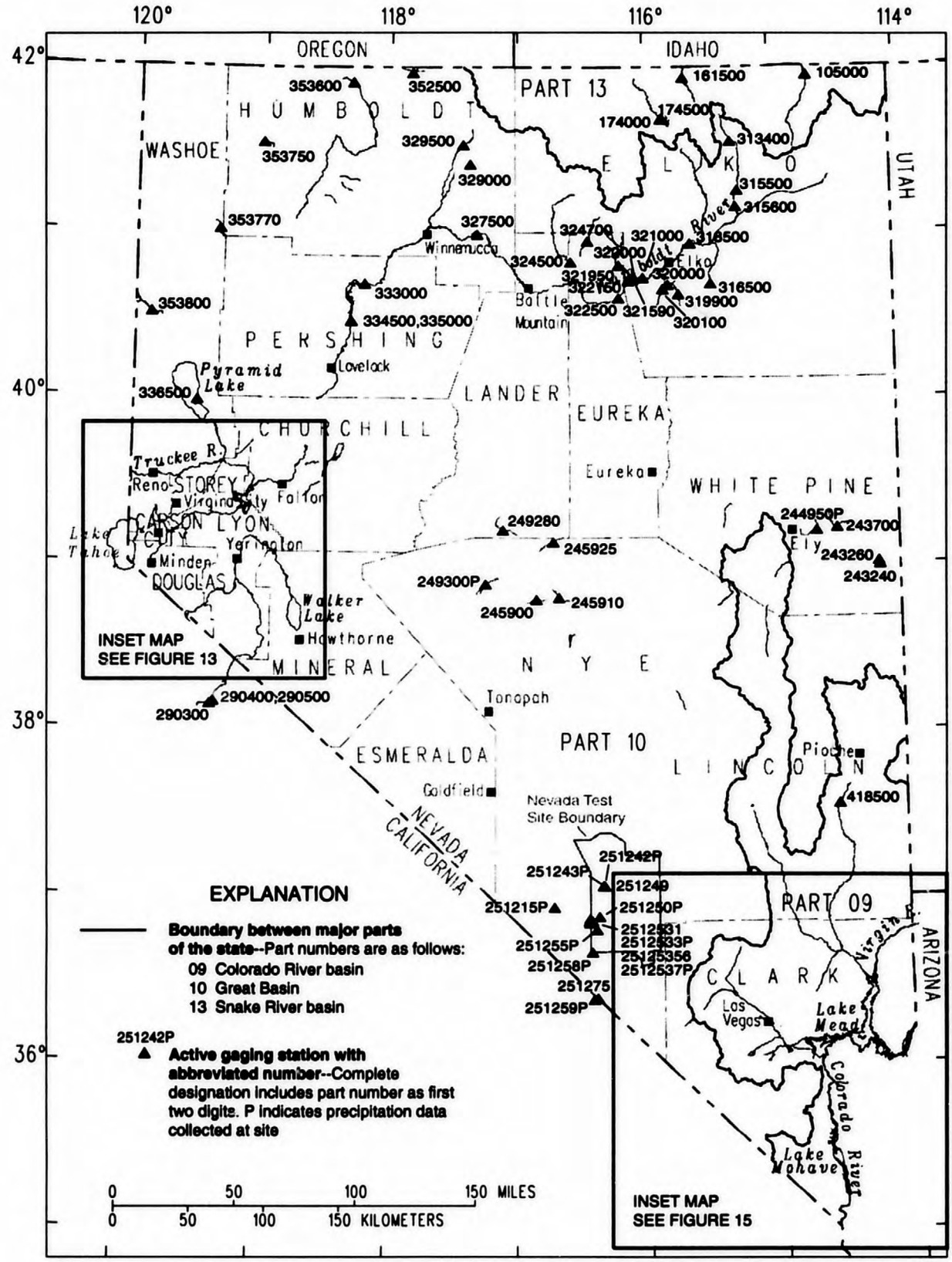
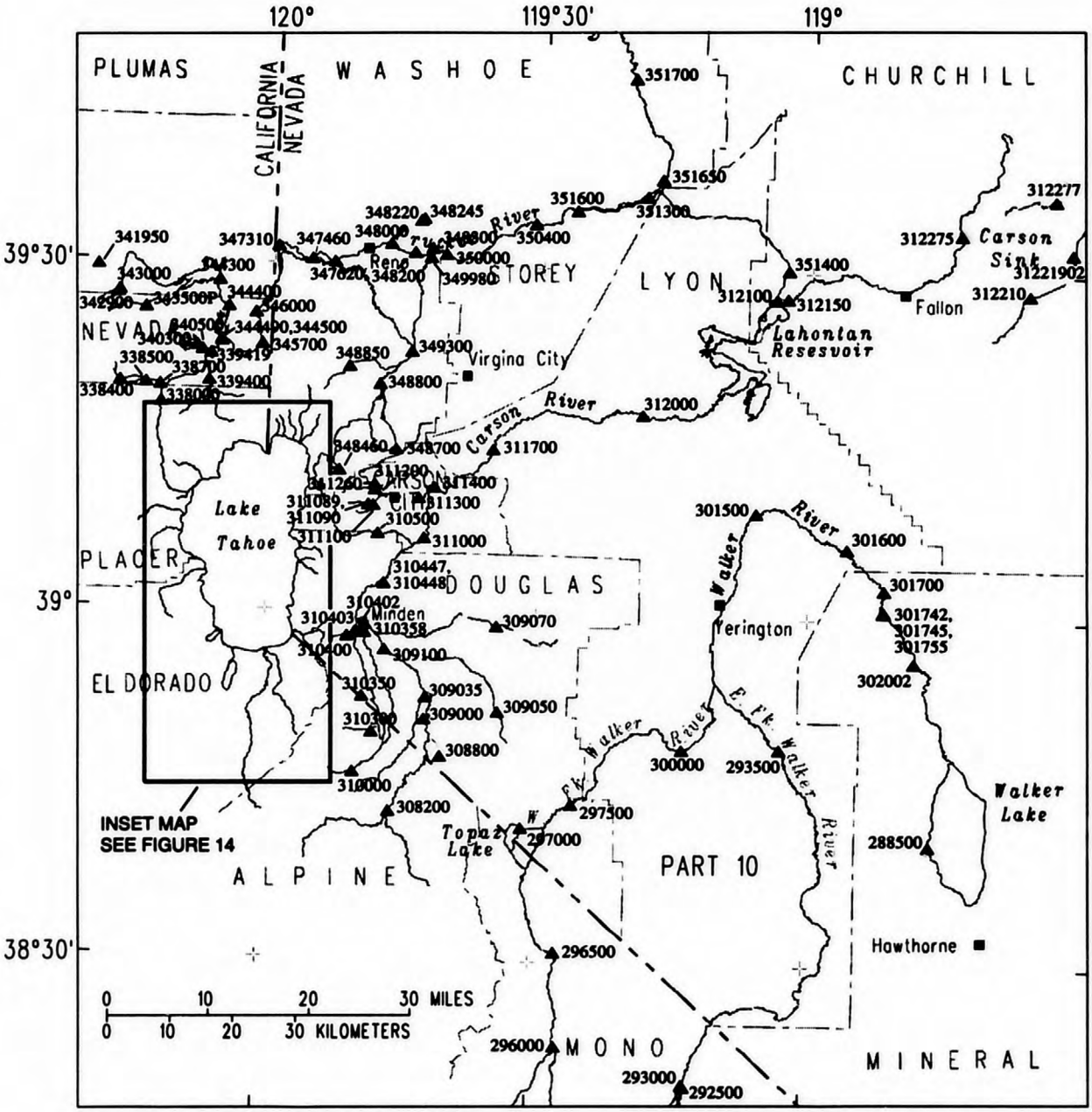


Figure 12. Gaging stations listed in this report.

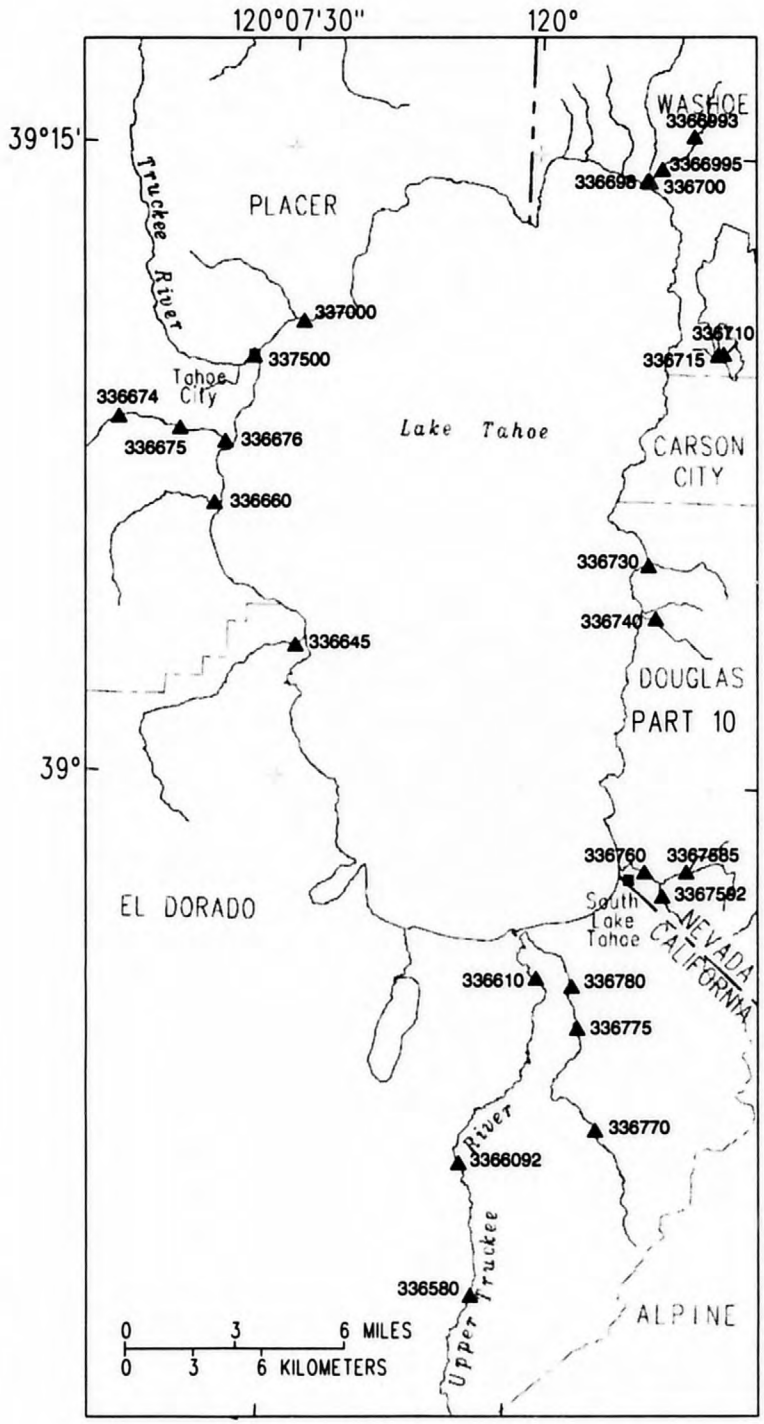


EXPLANATION

343500P ▲ **Active gaging station with abbreviated number--Complete designation includes Part number as first two digits. P indicates precipitation data collected at site. Part number is as follows:**

10 Great Basin

Figure 13. Gaging stations, west-central Nevada.

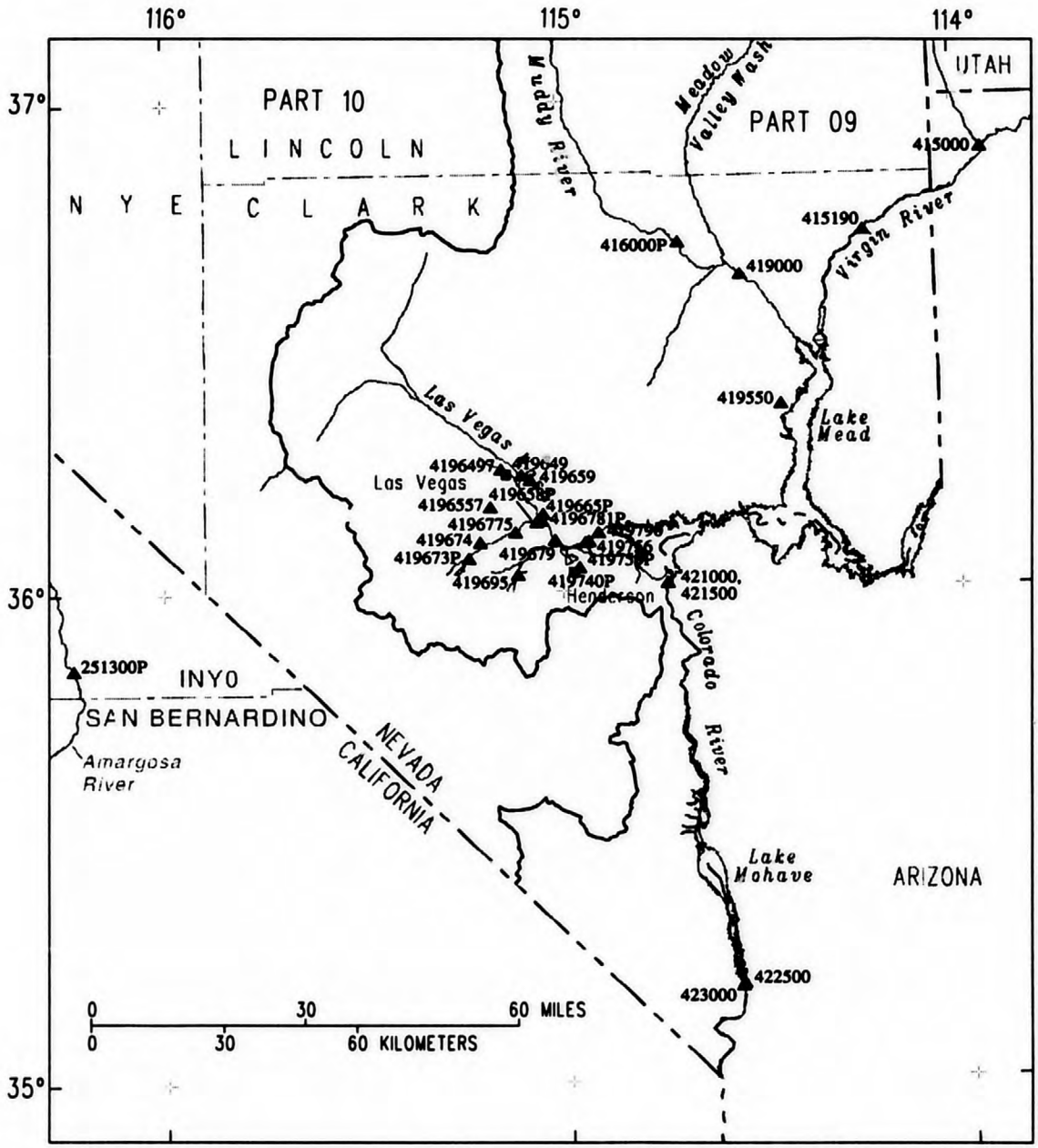


EXPLANATION

▲336770 **Active gaging station with abbreviated number**--Complete designation includes Part number as first two digits. Part number is as follows:

10 Great Basin

Figure 14. Gaging stations, Lake Tahoe basin.



EXPLANATION

Boundary between major parts of the state--Part numbers are as follows:

09 Colorado River basin
10 Great Basin

419673P ▲ **Active gaging station with abbreviated number**--Complete designation includes Part number as first two digits. P indicates precipitation data collected at site

Figure 15. Gaging stations, southeastern Nevada.

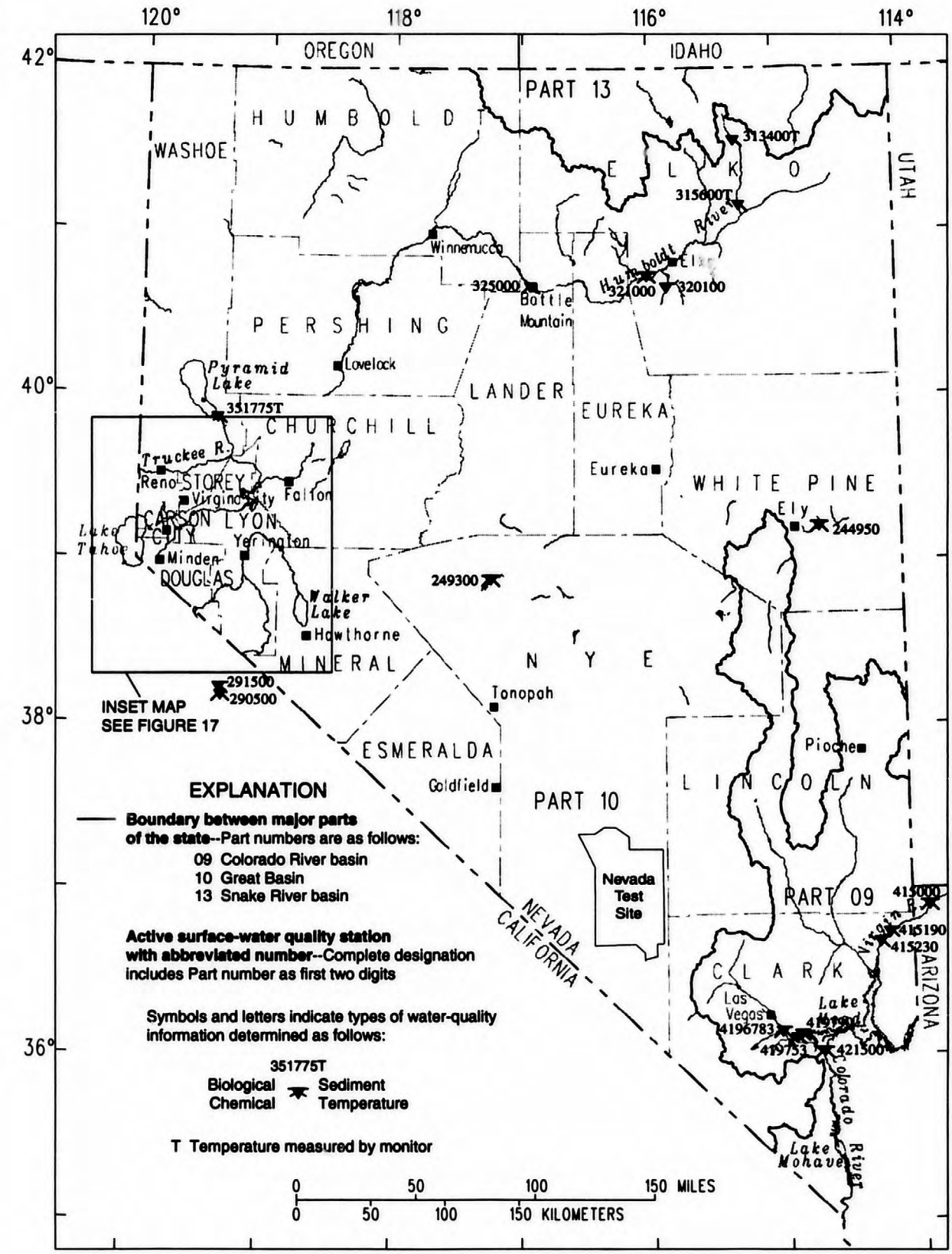
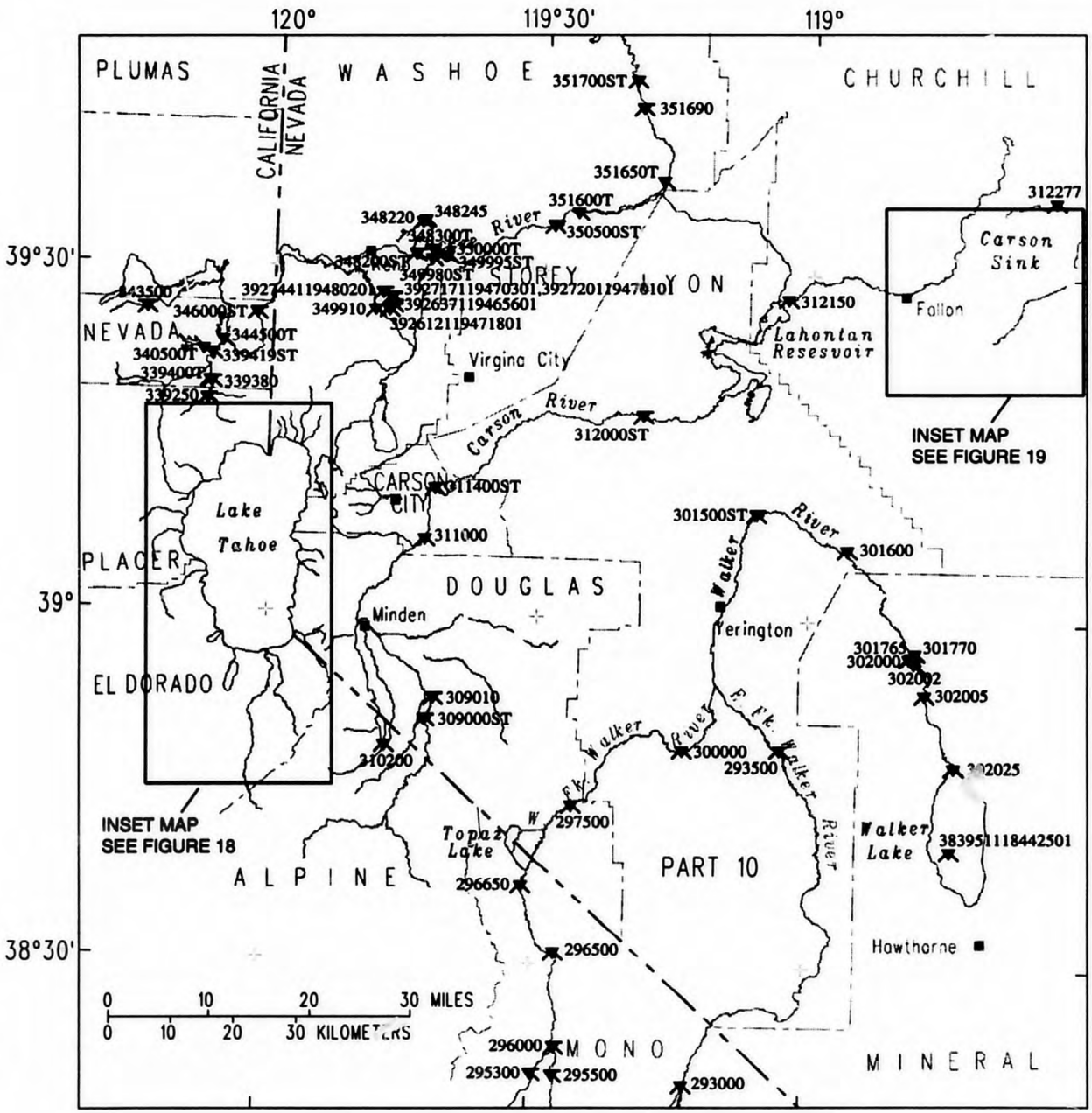


Figure 16. Surface-water quality stations listed in this report.



EXPLANATION

Part number is as follows:
10 Great Basin

Active surface-water quality station with abbreviated number--Complete designation includes Part number as first two digits. 15 digit number is not abbreviated

351700ST

Biological / Chemical — Sediment / Temperature

S Specific conductance measured by monitor

T Temperature measured by monitor

Figure 17. Surface-water quality stations, west-central Nevada.

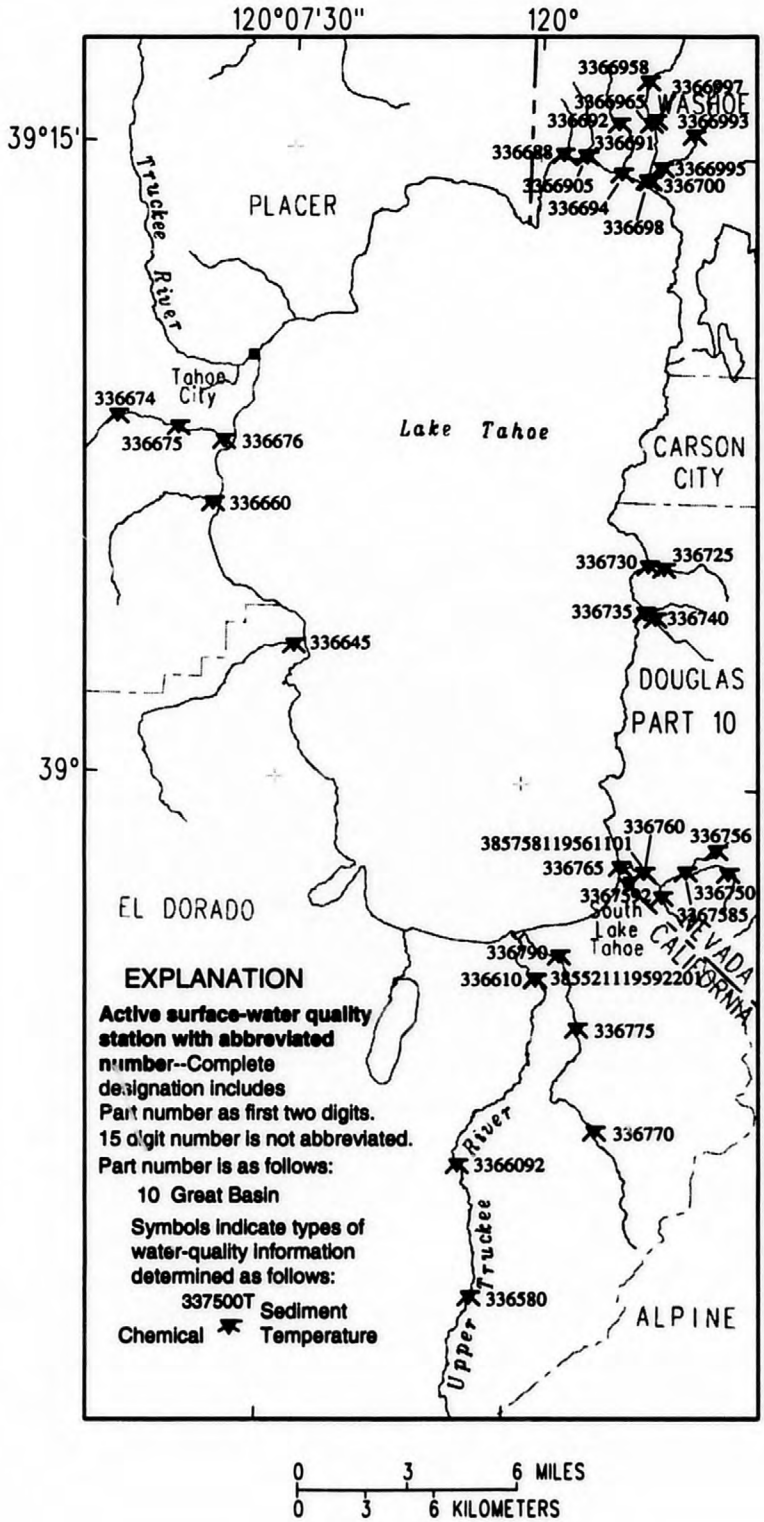
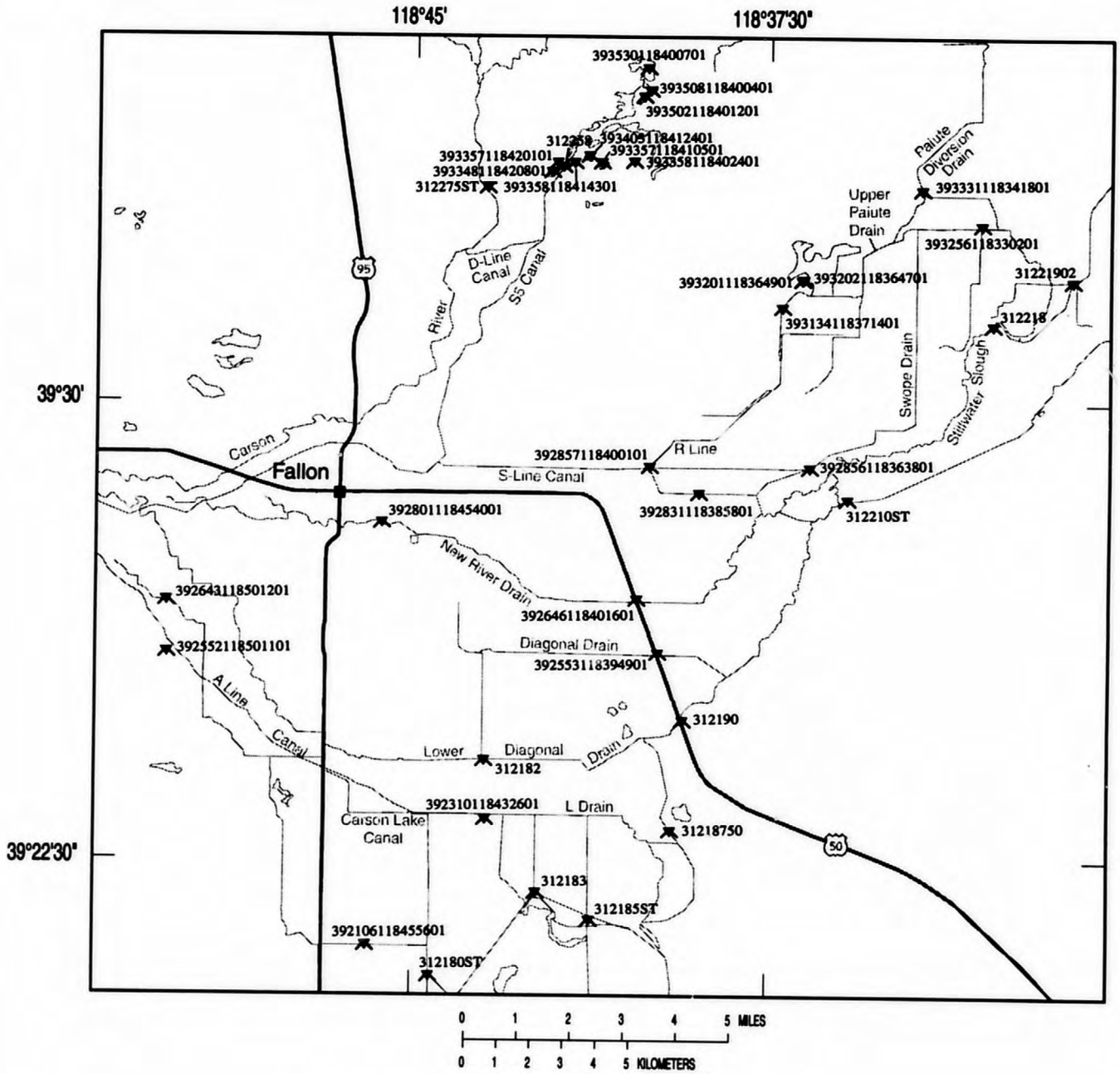


Figure 18. Surface-water quality stations, Lake Tahoe basin.



EXPLANATION

Part number is as follows:
10 Great Basin

Active surface-water quality station with abbreviated number--Complete designation includes Part number as first two digits. 15 digit number is not abbreviated

351700ST

Chemical
Sediment
Temperature

S Specific conductance measured by monitor

T Temperature measured by monitor

Figure 19. Surface-water quality stations, west-central Nevada.

Washoe Lake

Photograph by John Nulty

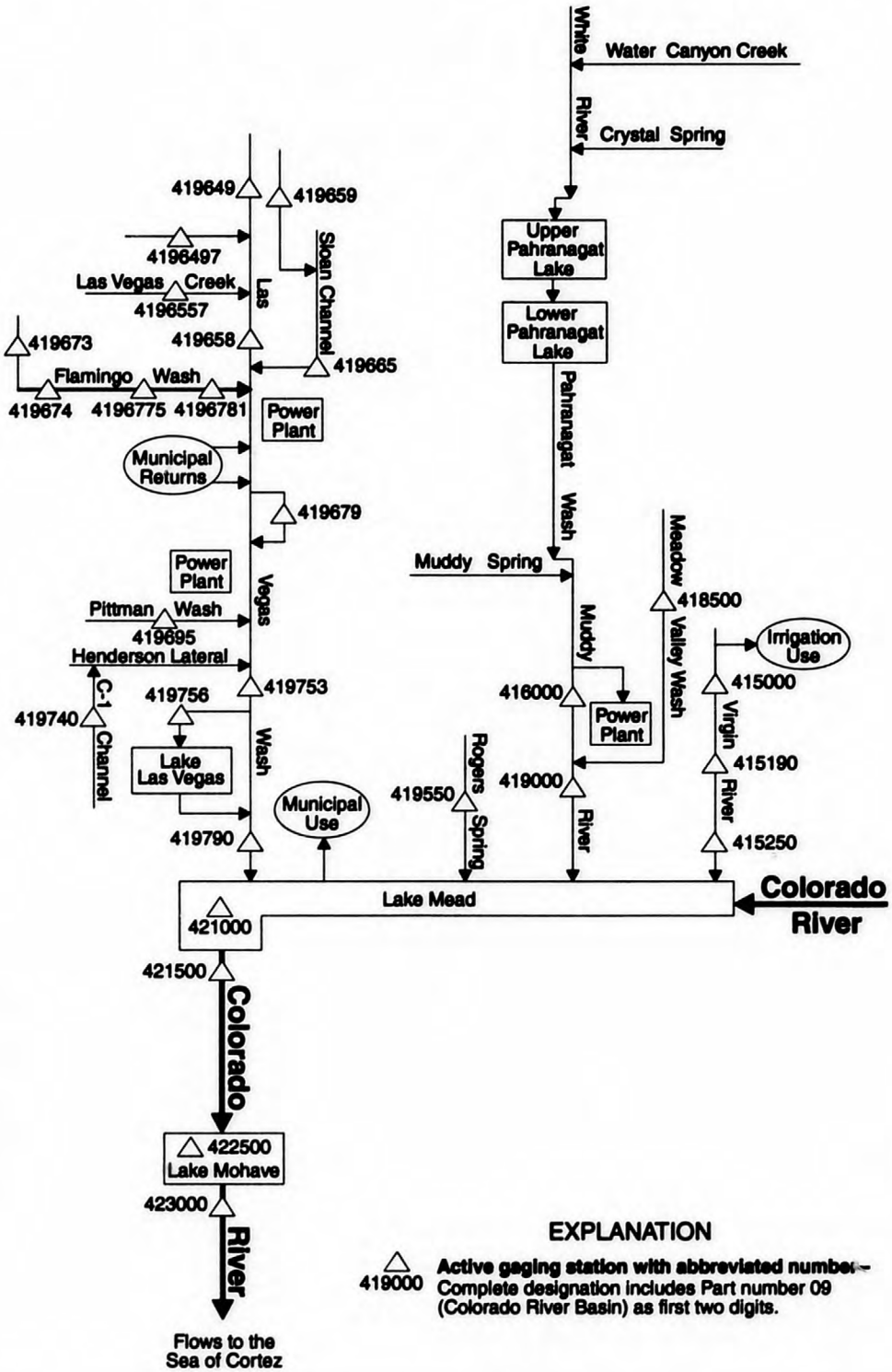


Figure 20. Schematic diagram of flow system and gaging stations in the Colorado River basin.

SURFACE-WATER RECORDS

COLORADO RIVER BASIN

VIRGIN RIVER BASIN

09415000 VIRGIN RIVER AT LITTLEFIELD, AZ

LOCATION.--Lat 36°53'30", long 113°55'25", in SW $^1/_4$ SW $^1/_4$ sec.4, T.40 N., R.15 W., Mohave County, Hydrologic Unit 15010010, on right bank, 0.5 mi downstream from Beaver Dam Wash, 0.4 mi upstream from Littlefield, and 36 mi upstream from Lake Mead.

DRAINAGE AREA.--5,090 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1929 to current year.

REVISED RECORDS.--WSP 959: 1932. WSP 979: 1930-31, 1933-37. WSP 1313: 1940 (M).

GAGE.--Water-stage recorder. Datum of gage is 1,763.68 ft above sea level. Prior to May 28, 1933, nonrecording gage at site 300 ft upstream, and May 28, 1933, to November 7, 1939, at same site, both at datum 2.53 ft higher. November 8, 1939, to March 31, 1942, nonrecording gage at same site at datum 2.00 ft higher. April 1, 1942, to September 30, 1970, water-stage recorder at same site at same datum. October 1, 1970, to August 7, 1979, at site 300 ft upstream at same datum.

REMARKS.--Records fair. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	109	249	236	154	175	641	e463	1190	e920	323	113	74
2	122	192	248	153	183	834	e447	1160	e1000	290	96	76
3	130	169	244	167	211	792	e440	1190	e980	266	84	71
4	129	179	246	177	206	785	e440	1180	e1000	233	79	83
5	136	162	245	200	189	827	e440	e1150	e950	e230	87	87
6	136	140	251	236	174	9760	e440	e1150	e950	e230	80	202
7	146	141	251	213	192	1990	e440	e1130	e890	e220	72	1070
8	130	136	257	219	193	1010	e440	e1120	e820	e210	75	440
9	128	129	253	217	201	772	e440	e1110	e750	e200	71	477
10	129	127	240	323	211	698	e440	e1100	e620	e190	70	238
11	124	122	250	585	208	3560	e440	e1050	e600	e180	73	193
12	122	148	254	964	196	14300	e440	e1000	e600	e180	95	157
13	117	229	231	409	200	3620	e440	e950	e590	e180	95	118
14	120	212	230	299	1310	2220	e440	e900	e630	e170	185	108
15	385	212	224	275	4380	1780	e445	e890	650	e170	141	101
16	517	205	217	358	816	1410	e450	e1050	640	e170	104	86
17	211	211	222	314	539	1110	e465	e1000	703	e160	115	88
18	262	240	227	259	414	902	e475	e1000	675	e160	144	82
19	236	226	229	232	349	836	e485	e1100	591	e155	100	86
20	225	217	211	229	307	774	e500	1200	456	e155	84	83
21	238	220	203	238	290	771	e515	1270	402	153	179	88
22	231	222	196	238	284	902	e530	1310	384	140	228	106
23	228	217	202	231	302	770	e540	e1100	367	124	201	102
24	239	239	209	232	317	852	e560	e1000	337	119	195	99
25	239	250	243	221	310	753	e570	1640	350	122	145	101
26	242	260	290	447	364	628	e580	e1100	353	125	137	123
27	240	254	233	508	342	574	e590	e1000	307	121	134	104
28	244	251	191	310	309	571	1070	e860	273	123	106	106
29	247	249	163	231	---	532	1170	e850	260	113	103	106
30	229	258	161	205	---	490	1360	e850	275	132	92	109
31	246	---	156	186	---	e502	---	e900	---	141	81	---
TOTAL	6237	6066	7013	9030	13172	55966	16495	33500	18323	5485	3564	4964
MEAN	201	202	226	291	470	1805	550	1081	611	177	115	165
MAX	517	260	290	964	4380	14300	1360	1640	1000	323	228	1070
MIN	109	122	156	153	174	490	440	850	260	113	70	71
AC-FT	12370	12030	13910	17910	26130	111000	32720	66450	36340	10880	7070	9850

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 1995, BY WATER YEAR (WY)

MEAN	147	190	226	237	326	377	418	434	143	107	181	146
MAX	602	552	1247	775	2330	1805	1385	2122	1119	381	976	737
(WY)	1947	1947	1967	1969	1980	1995	1969	1941	1983	1932	1932	1939
MIN	53.4	101	111	108	110	85.4	61.6	49.9	46.8	51.6	50.0	53.3
(WY)	1965	1991	1964	1964	1991	1977	1934	1990	1964	1965	1966	1964

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1930 - 1995	
ANNUAL TOTAL	63298		179815			
ANNUAL MEAN	173		493		244	
HIGHEST ANNUAL MEAN					697	1983
LOWEST ANNUAL MEAN					100	1991
HIGHEST DAILY MEAN	667	Feb 18	14300	Mar 12	17000	Mar 3 1938
LOWEST DAILY MEAN	64	Jun 14	70	Aug 10	40	Aug 6 1966
ANNUAL SEVEN-DAY MINIMUM	65	Jun 23	75	Aug 5	41	Aug 3 1966
INSTANTANEOUS PEAK FLOW			20500	Mar 12	61000	Jan 1 1989
INSTANTANEOUS PEAK STAGE			14.26	Mar 12	22.37	Jan 1 1989
ANNUAL RUNOFF (AC-FT)	125600		356700		176800	
10 PERCENT EXCEEDS	276		1000		440	
50 PERCENT EXCEEDS	161		240		148	
90 PERCENT EXCEEDS	70		106		61	

e Estimated

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1948 to current year.

PERIOD OF DAILY RECORD.--
CHEMICAL ANALYSES: July 1949 to September 1969.
SPECIFIC CONDUCTANCE: October 1947 to March 1988.
WATER TEMPERATURE: October 1947 to March 1988.
SEDIMENT DATA: October 1947 to September 1968, October 1992 to current year.

REMARKS.--Streamflow is not completely homogenous chemically from bank to bank. Flow adjacent to north (right) bank is generally more dilute than average, particularly at times of low streamflow; monthly data collected during June 1975-September 1976 indicate that specific conductance off north bank was 93 to 100 percent of streamwide average (range of discharge, 60-230 ft^3/s). Water temperature characteristically shows little or no variation from bank to bank. Detailed sampling information for period since June 1975 is available from U.S. Geological Survey, Carson City, Nevada. Some mean daily values of sediment discharge in the following table may not equal the product of mean sediment concentration, mean water discharge, and the coefficient 0.0027 ($C_S \times Q_W \times 0.0027$). For days when measured values of sediment concentration or water discharge had large fluctuations, or when daily discharges were estimated, a more accurate value of sediment discharge is computed by subdividing the given 24-hour period into shorter increments, calculating the sediment discharge for each, then integrating the results to give a mean daily value. The second listing for each date in the bedload table (one minute after the first stated collection time) is for a "split" of the first and only sample, rather than for a separate sample.

EXTREMES MEASURED FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 4,650 microsiemens, August 21, 1966; minimum, 615 microsiemens, May 27, 28, 30, 31, 1983.
WATER TEMPERATURE: Maximum, 33.5°C, July 7, 1953; minimum, 2.0°C January 4, 1949, January 4, 1950, January 4, 5, 1971.

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
		OCTOBER			NOVEMBER			DECEMBER	
1	112	219	67	151	357	146	333	658	593
2	109	200	59	153	197	81	435	800	941
3	109	200	59	156	172	73	400	815	879
4	111	200	60	160	342	147	387	825	861
5	115	200	62	173	243	113	381	836	861
6	167	2450	1870	171	259	120	381	845	869
7	895	27300	79500	174	332	156	383	841	870
8	421	7680	10600	173	232	109	383	836	863
9	279	1620	1240	194	214	112	382	825	851
10	236	1310	835	194	223	116	384	797	826
11	225	1020	618	212	356	210	379	779	796
12	241	1190	833	329	1540	1690	389	830	872
13	277	1320	1020	339	1540	1440	404	875	956
14	217	642	377	260	1190	853	276	583	442
15	192	622	322	236	764	487	258	458	319
16	184	816	406	217	541	317	253	396	271
17	182	810	398	210	521	296	252	334	228
18	213	913	526	226	495	301	252	255	173
19	210	996	564	224	428	258	250	213	144
20	172	1240	578	216	387	226	253	333	227
21	144	1290	502	213	350	202	245	492	326
22	149	993	400	218	322	189	e250	675	453
23	145	810	318	236	325	207	e253	740	506
24	156	887	374	240	338	219	e258	742	517
25	156	530	222	242	379	247	e260	610	428
26	145	394	155	247	455	305	e262	505	356
27	161	345	150	251	429	291	e260	527	373
28	160	289	125	261	466	329	e275	561	414
29	157	286	121	269	557	405	e273	544	400
30	136	256	94	313	653	554	269	511	371
31	136	279	102	---	---	---	266	436	314
TOTAL	6312	---	102557	6658	---	10199	9686	---	17300

09415000 VIRGIN RIVER AT LITTLEFIELD, AZ--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
		JANUARY			FEBRUARY			MARCH	
1	271	377	275	144	209	81	274	947	702
2	274	385	284	156	237	99.6	299	1020	827
3	269	402	290	165	267	119	316	1050	898
4	250	412	281	183	302	150	327	958	849
5	250	431	294	185	342	171	328	955	848
6	270	528	383	171	387	179	348	985	931
7	274	804	597	176	437	208	327	801	706
8	283	1110	845	187	518	262	287	702	547
9	290	750	587	268	931	690	273	742	549
10	296	502	391	239	991	640	238	637	409
11	250	633	428	212	1030	592	212	721	413
12	220	812	487	212	805	460	196	710	376
13	210	701	397	207	602	336	197	675	361
14	e200	546	295	204	519	286	228	849	537
15	e188	337	171	219	531	315	248	767	514
16	e171	206	96	219	475	281	249	680	457
17	e158	155	66	233	468	301	238	650	417
18	e148	177	70	667	8040	20100	188	684	348
19	e130	239	85	441	4440	5380	185	733	367
20	123	240	80	324	1510	1340	330	1180	1170
21	117	189	60	294	667	531	300	1680	1350
22	112	150	45	278	732	549	184	1770	888
23	112	157	48	284	781	600	168	992	451
24	127	167	57	269	817	593	156	972	408
25	130	142	50	267	855	616	164	888	397
26	135	119	44	274	944	700	303	1780	1620
27	157	165	73	290	946	741	346	1870	1750
28	142	106	41	280	943	714	221	1110	687
29	132	74	26	---	---	---	158	729	313
30	135	69	25	---	---	---	149	555	223
31	135	163	59	---	---	---	141	439	168
TOTAL	5959	---	6930	7048	---	37034.6	7578	---	20481

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
		APRIL			MAY			JUNE	
1	125	347	118	327	799	715	108	327	96
2	119	378	122	348	794	754	98	173	46
3	124	395	133	304	795	652	89	111	27
4	129	376	133	247	635	426	87	98	23
5	128	459	160	230	339	211	91	126	31
6	120	443	146	227	395	247	99	126	34
7	126	475	162	261	364	260	87	135	32
8	130	490	172	263	420	303	79	109	23
9	151	624	256	263	482	343	72	178	35
10	320	3130	3040	225	437	266	70	131	25
11	253	1680	1180	162	540	235	66	158	28
12	198	775	420	151	480	194	71	202	39
13	182	483	237	161	372	162	66	118	21
14	162	340	148	167	372	168	64	95	16
15	170	689	323	213	553	324	64	75	13
16	191	937	490	209	430	245	64	73	13
17	201	943	520	197	365	198	66	62	11
18	242	1050	705	173	293	137	71	122	24
19	245	1120	758	156	248	104	70	138	26
20	213	903	522	142	193	74	77	139	29
21	229	916	575	137	179	67	79	132	28
22	242	893	592	137	176	65	70	122	23
23	243	872	587	130	167	59	66	111	20
24	260	947	676	127	155	54	64	100	17
25	221	588	350	105	132	37	64	90	16
26	240	684	454	106	107	31	65	82	14
27	289	744	584	236	2600	3100	66	74	13
28	376	1360	1580	309	19100	18500	67	67	12
29	635	3180	5480	153	4000	1680	66	77	14
30	376	1910	1960	123	1250	423	66	216	39
31	---	---	---	114	539	167	---	---	---
TOTAL	6640	---	22583	6103	---	30201	2232	---	788

VIRGIN RIVER BASIN

09415000 VIRGIN RIVER AT LITTLEFIELD, AZ--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
		JULY			AUGUST			SEPTEMBER	
1	66	250	45	69	363	68	90	96	23
2	66	200	36	70	356	67	84	114	26
3	66	159	28	71	349	66	185	2460	4890
4	66	156	28	71	342	65	374	18600	22900
5	66	161	29	70	323	61	174	18900	8630
6	66	177	32	73	240	47	138	14100	6010
7	66	195	35	72	171	33	108	769	227
8	66	205	37	72	122	23	98	322	86
9	66	214	38	81	87	19	96	209	54
10	66	224	40	75	62	13	97	206	54
11	66	234	42	77	48	10	82	204	45
12	66	241	43	72	56	11	82	201	44
13	66	247	44	70	70	13	91	230	56
14	66	241	43	84	137	33	77	206	43
15	67	233	42	95	158	41	82	201	45
16	66	226	40	81	138	30	83	202	45
17	70	220	41	73	137	27	79	204	44
18	72	219	43	70	146	28	80	205	44
19	134	2430	1250	353	14400	17700	81	206	45
20	147	3820	1510	153	6460	2800	92	207	52
21	116	1860	602	132	1260	457	95	209	53
22	90	795	194	116	302	95	99	234	63
23	91	437	107	118	205	66	99	396	105
24	86	342	79	98	145	38	95	383	98
25	81	254	55	87	124	29	86	333	77
26	75	238	49	83	112	25	82	275	61
27	75	440	90	79	113	24	83	230	51
28	76	512	105	81	103	23	80	223	48
29	73	528	104	79	93	20	79	221	47
30	71	450	86	82	84	19	83	220	49
31	70	378	72	77	80	16	---	---	---
TOTAL	2384	---	4989	2884	---	21967	3154	---	44015
YEAR	66638		319045.0						

e Estimated

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER-ATURE WATER (DEG C) (00010)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. FALL DIAM. % FINER THAN .002 MM (70337)	SED. SUSP. FALL DIAM. % FINER THAN .004 MM (70338)	SED. SUSP. FALL DIAM. % FINER THAN .008 MM (70339)
NOV								
05...	1350	185	--	183	91	--	--	--
JAN								
06...	1355	E270	--	519	--	--	--	--
FEB								
15...	1353	220	14.0	637	378	--	--	--
MAR								
17...	1310	250	19.0	501	338	--	--	--
MAY								
10...	1400	210	--	376	213	--	--	--
JUN								
07...	1305	87	--	140	33	--	--	--
JUL								
20...	1300	151	--	4300	1750	21	36	57
AUG								
19...	1656	195	26.0	9670	5090	37	56	79
SEP								
06...	1421	133	--	5740	2060	49	60	76

09415000 VIRGIN RIVER AT LITTLEFIELD, AZ--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DATE	SED. SUSP. FALL DIAM. % FINER THAN .016 MM (70340)	SED. SUSP. FALL DIAM. % FINER THAN .031 MM (70341)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SED. SUSP. SIEVE DIAM. % FINER THAN .125 MM (70332)	SED. SUSP. SIEVE DIAM. % FINER THAN .250 MM (70333)	SED. SUSP. SIEVE DIAM. % FINER THAN .500 MM (70334)	SED. SUSP. SIEVE DIAM. % FINER THAN 1.00 MM (70335)
NOV							
05...	--	--	65	75	93	100	--
JAN							
06...	--	--	15	35	88	100	--
FEB							
15...	--	--	20	36	84	99	100
MAR							
17...	--	--	46	61	96	100	--
MAY							
10...	--	--	34	54	93	100	--
JUN							
07...	--	--	42	78	97	100	--
JUL							
20...	72	75	75	76	87	100	--
AUG							
19...	94	98	98	98	100	100	--
SEP							
06...	89	95	96	96	98	100	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
NOV										
30...	1200	293	2270	7.8	18.0	9.5	55	725	11.4	106
DEC										
21...	1000	204	2510	8.1	--	10.5	28	724	10.6	101
FEB										
22...	1105	292	2330	8.2	--	18.0	83	750	9.8	106
APR										
27...	1200	592	1400	7.8	26.0	17.5	270	712	8.8	99
JUN										
29...	1030	269	2090	8.0	26.5	22.0	33	715	8.2	101
AUG										
30...	1100	99	3110	7.7	31.5	24.5	110	713	8.1	105

DATE	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)
NOV										
30...	45	130	780	210	62	200	3	19	303	248
DEC										
21...	42	93	870	230	72	230	3	21	315	258
FEB										
22...	76	170	810	220	63	200	3	19	307	252
APR										
27...	K300	260	480	130	38	95	2	9.1	235	193
JUN										
29...	210	>2000	780	210	63	190	3	16	273	224
AUG										
30...	98	2000	1200	290	110	250	3	25	334	274

VIRGIN RIVER BASIN

09415000 VIRGIN RIVER AT LITTLEFIELD, AZ--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)
NOV										
30...	600	270	0.70	17	1640	1540	2.23	<0.010	1.00	<0.015
DEC										
21...	810	290	0.40	19	2350	1830	3.20	<0.010	0.960	<0.015
FEB										
22...	610	260	0.60	19	1650	1550	2.24	<0.010	0.610	<0.015
APR										
27...	320	120	0.40	13	916	845	1.25	<0.010	0.490	0.020
JUN										
29...	560	240	0.60	18	1560	1430	2.12	<0.010	0.640	0.050
AUG										
30...	970	350	0.90	18	2350	2190	3.20	<0.010	0.620	0.040

DATE	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)
NOV										
30...	0.30	0.200	0.060	0.070	--	57	<9	11	240	12
DEC										
21...	<0.30	0.110	0.070	0.080	--	--	--	--	--	--
FEB										
22...	0.30	0.240	0.070	0.070	20	78	9	<9	240	16
APR										
27...	0.50	0.260	0.020	0.030	10	63	<3	4	120	9
JUN										
29...	0.20	0.140	0.060	0.060	--	--	--	--	--	--
AUG										
30...	0.20	0.070	<0.010	<0.010	20	<100	<1	<10	440	40

DATE	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
NOV									
30...	60	--	1	<1.0	2500	<18	502	397	48
DEC									
21...	--	--	--	--	--	--	261	144	50
FEB									
22...	30	2	1	<1.0	2600	<18	501	395	51
APR									
27...	<10	<1	<1	<1.0	1500	<6	839	1341	70
JUN									
29...	--	--	--	--	--	--	475	345	36
AUG									
30...	2	<1	2	<1.0	3900	9	547	146	97

K: LESS THAN NON-IDEAL COLONY COUNT

09415000 VIRGIN RIVER AT LITTLEFIELD, AZ--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	TETHER LINE USED IN SAMPLNG (YES=1) (CODE) (04117)	VER-TICALS IN COM-POSITE SAMPLE (NUM) (04119)	TIME ON BED FOR BED LOAD SAMPLE (SEC) (04120)	HORI-ZONTAL WIDTH OF VER-TICAL (FEET) (04121)	DISCH, BEDLOAD AV UNIT FOR COM POSITE SAMPLE T/D/FT (04122)	SAMPLER TYPE (CODE) (84164)	BAG MESH SIZE BEDLOAD SAMPLER (MM) (30333)	SAM-PLING METHOD, CODES (82398)
DEC									
21...	1015	0	20	30	2.4	0.54	1130	0.250	1000
21...	1016	0	20	30	2.4	0.54	1130	0.250	1000
FEB									
15...	1330	0	5	30	18.6	0.93	1100	0.250	1000
15...	1331	0	5	30	18.6	0.93	1100	0.250	1000
APR									
12...	1150	0	10	30	5.2	2.24	1100	0.250	1000
12...	1151	0	10	30	5.2	2.24	1100	0.250	1000
MAY									
10...	1200	0	20	30	4.1	0.86	1100	0.250	1000
10...	1201	0	20	30	4.1	0.86	1100	0.250	1000

DATE	SEDI-MENT DIS-CHARGE, BEDLOAD (TONS/ DAY) (80225)	SED. BEDLOAD SIEVE DIAM. % FINER THAN .062 MM (80226)	SED. BEDLOAD SIEVE DIAM. % FINER THAN .125 MM (80227)	SED. BEDLOAD SIEVE DIAM. % FINER THAN .250 MM (80228)	SED. BEDLOAD SIEVE DIAM. % FINER THAN .500 MM (80229)	SED. BEDLOAD SIEVE DIAM. % FINER THAN 1.00 MM (80230)	SED. BEDLOAD SIEVE DIAM. % FINER THAN 2.00 MM (80231)	SED. BEDLOAD SIEVE DIAM. % FINER THAN 4.00 MM (80232)	SED. BEDLOAD SIEVE DIAM. % FINER THAN 8.00 MM (80233)
DEC									
21...	25	0	1	27	97	99	99	100	100
21...	25	0	0	25	97	98	99	99	100
FEB									
15...	87	3	10	41	92	98	99	100	100
15...	87	3	10	40	92	98	99	100	100
APR									
12...	116	0	1	8	81	94	97	99	100
12...	116	0	1	8	80	93	96	98	100
MAY									
10...	71	2	9	47	94	99	100	100	100
10...	71	1	9	48	95	99	100	100	100

VIRGIN RIVER BASIN

09415190 VIRGIN RIVER AT RIVERSIDE, NV

LOCATION.--Lat 36°43'44", long 114°13'37", in SE $^1/_4$ NE $^1/_4$ sec.12, T.14 S., R.69 E., Clark County, Hydrologic Unit 15010010, on right bank, 0.7 mi southwest of State Highway 170 bridge, 10 mi southwest of Mesquite, and 0.6 mi west of Riverside.

DRAINAGE AREA.--5,890 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1970 to September 1974, October 1992 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,410 ft above sea level, from topographic map. December 1970 to January 1974, water-stage recorder at site 0.6 mi upstream at different datum. January to September 1974, water-stage recorder at site 1,150 ft upstream at different datum.

REMARKS.--Records poor. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	46	e200	250	190	186	595	e450	e1100	e850	e250	55	32
2	63	e140	251	182	188	858	e420	e1100	e900	e230	34	29
3	68	104	251	189	200	920	e410	e1100	e900	e210	37	34
4	79	118	259	196	198	936	e410	e1100	e900	e190	24	57
5	85	108	251	217	188	1100	e410	e1100	e880	e180	20	74
6	95	107	247	230	184	3550	e410	e1100	e880	e170	21	90
7	108	102	242	234	247	e2000	e410	e1050	e800	e170	21	999
8	104	114	258	229	181	e1100	e410	e1050	e650	e168	21	e1050
9	99	117	254	228	180	e900	e400	e1050	486	e165	20	e790
10	98	109	242	223	188	612	e400	e1050	396	e170	17	e760
11	84	123	248	330	184	701	e400	e1000	389	e175	14	208
12	80	133	e245	335	170	7180	e400	e950	378	e180	12	153
13	75	163	e235	309	170	e3800	e400	e900	410	e185	24	108
14	78	180	e230	347	180	e3200	e400	e850	e415	e185	33	78
15	93	173	e220	297	e3000	e3000	e400	e840	e420	e180	96	75
16	512	176	e220	317	e321	e2500	e410	e950	e450	e180	82	73
17	339	178	e225	348	e310	e2000	e420	e950	e490	e170	39	71
18	244	180	e230	296	e190	e1800	e425	e900	e500	148	68	71
19	205	199	e225	267	e185	e1500	e430	e1000	e340	207	61	69
20	190	200	e222	258	e180	e1400	e440	e1100	e300	133	45	68
21	e200	203	198	271	e180	e1000	e450	e1150	e290	123	31	67
22	e195	210	195	276	e220	e900	e460	e1250	e280	98	164	64
23	e190	213	190	269	267	e800	e470	e1100	e270	94	127	64
24	e200	218	196	263	308	e790	e480	e1000	e270	88	116	63
25	e200	231	215	276	332	e700	e490	e1500	e280	60	83	61
26	e200	244	254	278	377	e620	e500	e1000	e290	52	62	60
27	e200	252	247	330	420	e600	e550	e900	e250	52	69	60
28	e200	247	224	374	438	e510	e900	e850	e220	48	58	57
29	e200	247	204	253	---	e500	e1000	e800	e210	47	48	57
30	e190	253	203	209	---	e510	e1250	e800	e220	51	40	58
31	e200	---	194	196	---	e500	---	e850	---	62	37	---
TOTAL	[illegible]	5242	7135	8227	9372	46882	14805	31440	14314	4421	1579	5500
MEAN	159	175	230	265	335	1512	493	1014	477	143	50.9	183
MAX	512	253	264	374	3000	7180	1250	1500	900	250	164	1050
MIN	46	102	190	182	170	500	400	800	210	47	12	29
AC-FT	9760	10400	14150	16320	18590	92990	29370	62360	28390	8770	3130	10910

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 1995, BY WATER YEAR (WY)

MEAN	170	202	262	304	374	504	425	694	164	29.3	93.2	117
MAX	319	253	367	789	1274	1512	1120	2166	477	143	347	448
(WY)	1973	1993	1972	1993	1993	1995	1993	1973	1995	1995	1971	1972
MIN	44.0	129	197	190	139	71.2	27.0	8.50	2.31	.43	12.3	14.1
(WY)	1974	1974	1974	1973	1974	1971	1971	1974	1974	1971	1973	1973

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1971 - 1995	
ANNUAL TOTAL	51441.97		153837			
ANNUAL MEAN	141		421		302	
HIGHEST ANNUAL MEAN					534	1993
LOWEST ANNUAL MEAN					81.5	1974
HIGHEST DAILY MEAN	512	Oct 16	7180	Mar 12	7400	Feb 20 1993
LOWEST DAILY MEAN	.37	Jun 24	12	Aug 12	.00	Jun 15 1971
ANNUAL SEVEN-DAY MINIMUM	.44	Jun 24	18	Aug 6	.00	Sep 12 1974
INSTANTANEOUS PEAK FLOW			15000	Mar 12	17400	Sep 20 1972
INSTANTANEOUS PEAK STAGE			unknown	Mar 12	14.82	Feb 10 1993
ANNUAL RUNOFF (AC-FT)	102000		305100		218400	
10 PERCENT EXCEEDS	260		1000		700	
50 PERCENT EXCEEDS	147		230		152	
90 PERCENT EXCEEDS	2.1		60		2.0	

e Estimated

VIRGIN RIVER BASIN

09415190 VIRGIN RIVER AT RIVERSIDE, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1993 to current year.

REMARKS.--Some mean daily values of sediment discharge in the following table may not equal the product of mean sediment concentration, mean water discharge, and the coefficient 0.0027 ($C_S \times Q_W \times 0.0027$). For days when measured values of sediment concentration or water discharge had large fluctuations, or when daily discharges were estimated, a more accurate value of sediment discharge is computed by subdividing the given 24-hour period into shorter increments, calculating the sediment discharge for each, then integrating the results to give a mean daily value. The second listing for each date in the bedload table (one minute after the first stated collection time) is for a "split" of the first and only sample, rather than for a separate sample.

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
		OCTOBER			NOVEMBER			DECEMBER	
1	59	300	48	1210	25900	94500	164	428	190
2	53	300	43	408	12400	13800	165	414	184
3	53	321	47	323	8550	7490	154	369	154
4	53	300	43	296	6180	5010	151	324	132
5	62	340	58	283	4630	3530	163	372	167
6	77	560	118	279	4330	3270	183	1190	586
7	90	673	163	258	4150	2900	176	1170	554
8	93	830	209	288	5130	4030	172	1120	522
9	90	776	189	276	5030	3760	196	962	508
10	98	654	173	256	4980	3440	209	885	500
11	101	594	162	240	4940	3210	215	817	473
12	107	592	171	233	5010	3160	222	861	515
13	112	609	185	236	5780	3680	235	952	604
14	107	554	162	230	6210	3870	229	1060	655
15	100	386	104	216	6570	3850	213	1220	707
16	114	560	172	187	4820	2470	210	1410	802
17	119	559	179	192	2190	1150	222	1610	966
18	114	500	155	196	1600	848	229	1670	1030
19	114	401	123	180	835	406	244	1700	1120
20	118	402	128	165	478	214	242	1560	1020
21	134	427	155	159	497	214	235	780	496
22	166	732	334	168	587	266	232	806	505
23	155	833	349	175	660	312	227	1020	628
24	188	4020	2210	175	561	265	228	1110	687
25	192	4410	2280	169	454	207	230	1260	780
26	214	4840	2800	170	380	174	219	1110	655
27	218	5730	3360	154	392	163	213	1130	655
28	198	6670	3570	151	418	171	246	1350	907
29	203	7700	4210	158	441	189	292	1750	1390
30	189	9160	4680	165	437	195	332	4420	4050
31	444	19000	25500	---	---	---	328	1970	1750
TOTAL	4135	---	52080	7596	---	166744	6776	---	23892

VIRGIN RIVER BASIN

09415190 VIRGIN RIVER AT RIVERSIDE, NV--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
		JANUARY			FEBRUARY			MARCH	
1	281	1340	1020	561	4900	7450	691	4750	8970
2	261	1120	790	471	3500	4500	620	2590	4350
3	255	956	658	375	1980	2020	576	1940	3020
4	262	829	587	328	1320	1170	538	2070	3020
5	251	795	539	253	968	664	524	1710	2430
6	245	775	514	209	956	541	507	1650	2320
7	274	780	577	212	856	490	571	1770	2760
8	484	1230	2090	228	860	560	592	2630	4220
9	1780	7450	39900	5990	20100	455000	672	2800	5090
10	569	1870	3020	6360	25300	475000	630	3320	5660
11	648	2020	3890	1110	12600	38700	662	3470	6240
12	522	2060	3080	625	6550	11300	824	4020	9020
13	371	683	684	441	4050	4840	771	3780	7960
14	430	1260	1700	341	2540	2380	608	2460	4050
15	1580	5480	23800	247	1800	1200	577	2660	4150
16	732	4510	9070	214	1450	842	642	3950	6900
17	1790	14600	79700	207	1170	657	729	3520	6970
18	e6300	15100	154000	203	1270	698	866	4930	12300
19	e2700	14200	137000	276	1320	1330	1420	10300	39700
20	e800	7200	17700	e7400	20900	391000	1180	8560	27300
21	e660	4620	8160	e3300	23100	307000	1040	6130	17300
22	e540	3970	5800	e1300	10200	22200	1060	5660	16500
23	e460	3410	4220	1080	10000	28500	1060	7200	20600
24	e375	2920	3000	876	4050	9670	1050	6210	17700
25	e310	2510	2100	921	4280	10700	1100	8130	24400
26	e240	2150	1430	679	3500	6460	1440	17600	75900
27	e248	1790	1200	713	4450	8560	1800	19400	94500
28	e252	1450	978	754	4690	9780	1990	22600	123000
29	249	1150	778	---	---	---	1520	12400	51000
30	246	1050	698	---	---	---	1280	6610	22800
31	335	2790	2830	---	---	---	1090	4640	13700
TOTAL	24450	---	511513	35674	---	1804212	28630	---	643830

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
		APRIL			MAY			JUNE	
1	1020	3170	8760	1840	5860	29500	585	982	1550
2	1050	2690	7620	1860	5420	27300	524	859	1210
3	1000	3450	9340	1620	5400	23600	452	834	1020
4	973	2780	7310	1630	6790	31800	391	824	869
5	973	2770	7290	1890	10000	51500	376	814	826
6	976	2360	6220	1630	7870	34800	388	805	843
7	965	2100	5470	1430	6310	24400	501	2940	4150
8	958	1450	3760	1400	5950	22800	361	1250	1240
9	952	1200	3090	1460	7240	28800	317	796	682
10	960	1710	4430	1140	4500	14000	e275	745	592
11	965	2040	5320	1230	5890	21400	e265	484	343
12	971	2230	5880	1620	6780	29500	e270	425	304
13	1030	6400	17800	1540	5420	22700	e238	375	243
14	957	5640	14600	1580	5620	24000	e224	331	201
15	938	3290	8350	1520	4810	19900	e210	293	165
16	940	4980	12600	1440	5050	19800	e193	266	139
17	938	4340	11000	1510	4710	19300	e171	297	139
18	965	5040	13100	1560	5620	23800	e170	318	146
19	972	4850	12700	1520	7970	32700	e170	339	154
20	966	4990	13000	1480	7670	30800	e160	359	156
21	969	5230	13700	1460	8040	31800	e157	299	127
22	968	5720	15000	1490	8730	35100	e160	283	123
23	1310	9410	33700	1350	7090	26000	e168	285	128
24	1400	9560	37100	1200	6250	20400	e159	260	112
25	1380	7060	26500	1120	5530	16800	e154	138	58
26	1310	5880	21100	919	3620	9040	e155	213	89
27	1580	5940	25700	1010	4880	13300	e157	244	103
28	1710	5940	27700	795	3590	7710	e155	299	122
29	1760	5700	27400	763	1570	3260	e125	298	106
30	1740	5940	28100	718	1250	2410	e97	409	111
31	---	---	---	635	1130	1940	---	---	---
TOTAL	33596	---	433640	42360	---	700160	7728	---	16051

09415190 VIRGIN RIVER AT RIVERSIDE, NV--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
		JULY			AUGUST			SEPTEMBER	
1	e84	372	84	2.8	115	.87	119	3120	1030
2	e71	353	67	2.0	122	.67	96	2030	544
3	e58	350	55	1.3	131	.45	64	1330	230
4	e47	400	50	.70	140	.26	55	949	142
5	e36	448	44	1.4	152	.57	55	879	132
6	e28	404	31	4.4	175	2.1	45	619	75
7	e23	359	24	9.7	212	5.7	42	454	51
8	e29	369	28	36	442	49	40	438	48
9	e27	371	28	39	191	23	32	316	28
10	e29	373	29	29	274	22	31	248	20
11	e31	391	33	30	414	33	35	231	22
12	e33	409	35	30	391	35	38	251	26
13	e27	405	30	27	336	24	37	277	28
14	e26	399	29	14	263	10	43	377	44
15	30	318	26	9.7	232	6.1	51	576	79
16	37	435	45	7.6	155	3.3	51	722	99
17	39	485	52	4.5	80	.98	46	652	81
18	42	384	44	4.8	93	1.2	56	791	121
19	49	276	38	6.0	132	2.2	51	823	114
20	44	290	39	11	193	6.8	57	1080	168
21	23	341	21	14	183	7.9	56	1350	199
22	20	363	20	11	309	1[illegible]	46	1180	151
23	15	275	12	38	1070	11[illegible]	36	755	75
24	13	223	7.8	27	767	55	36	651	64
25	11	210	6.2	21	575	32	34	859	78
26	9.6	202	5.2	311	17300	24900	32	862	76
27	8.4	182	4.1	181	17200	8760	38	728	76
28	7.1	162	3.1	111	8450	2650	42	793	89
29	6.4	136	2.3	102	3850	1060	55	641	94
30	5.5	116	1.7	346	14300	18600	38	560	56
31	4.3	113	1.3	224	7610	4920	---	---	---
TOTAL	913.3	---	895.7	1656.90	---	61342.10	1457	---	4040
YEAR	194972.20		4418399.80						

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
		OCTOBER			NOVEMBER			DECEMBER	
1	54	841	124	108	1260	368	325	2560	2250
2	41	467	52	103	1030	287	408	3780	4220
3	63	735	130	116	1050	328	404	5050	5500
4	70	855	165	130	1020	357	376	4070	4130
5	37	475	49	136	1090	403	368	3050	3030
6	69	808	160	155	1230	520	369	2450	2440
7	575	17600	46800	184	1940	970	369	2030	2020
8	483	17500	25900	172	1990	923	371	1870	1870
9	235	6440	4100	164	2000	892	362	1760	1720
10	228	4040	2480	184	2220	1100	368	1740	1730
11	224	3430	2250	214	1850	1070	e363	1730	1720
12	230	2920	1810	267	4190	3430	e370	1710	1730
13	262	2480	1810	318	8470	7360	e390	1660	1730
14	205	2110	1170	275	6240	4740	e260	1450	1040
15	183	1810	900	225	3780	2310	e245	1500	972
16	e184	1690	838	229	3240	2010	e245	1590	1040
17	e182	1670	824	219	2910	1720	e245	1600	1040
18	e220	1410	818	235	2250	1480	e240	1610	1040
19	e216	1480	846	253	2950	2040	e240	1610	1040
20	e148	1590	708	e250	3190	2130	e243	1610	1050
21	e132	1450	538	e254	3110	2110	e240	1620	1040
22	e139	1480	568	254	2380	1620	e240	1630	1050
23	e141	1470	579	260	2430	1710	e240	1720	1110
24	e154	1640	687	259	2510	1760	e245	1820	1200
25	e145	1560	631	259	4470	3120	e250	1920	1290
26	149	1510	602	258	5130	3580	e250	2030	1370
27	153	1660	691	258	4090	2840	e250	2140	1460
28	158	1520	648	261	2260	1590	e270	2260	1620
29	151	1510	616	264	1730	1230	e270	2300	1650
30	131	1280	455	293	1670	1330	e265	1840	1300
31	135	1230	445	---	---	---	e260	1390	978
TOTAL	5497	---	98394	6557	---	55328	9341	---	55380

VIRGIN RIVER BASIN

09415190 VIRGIN RIVER AT RIVERSIDE, NV--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
		JANUARY			FEBRUARY			MARCH	
1	e265	977	697	159	1650	713	258	1390	968
2	e265	714	501	176	1600	761	276	1540	1150
3	e260	730	496	189	1390	708	312	1730	1450
4	e250	789	531	206	1290	722	307	1870	1550
5	e250	850	581	209	1250	703	316	1920	1640
6	e270	969	703	197	1320	702	342	1530	1410
7	e275	1510	1110	197	1350	717	307	1190	987
8	e280	2210	1660	205	1140	632	269	1100	797
9	e280	1850	1400	241	2060	1360	264	1040	744
10	e290	1450	1110	267	2510	1840	e222	992	574
11	e250	1420	949	222	1750	1050	e200	974	517
12	e210	1460	835	216	1530	890	e185	1100	554
13	e205	1660	899	216	1370	802	e185	1250	619
14	179	1860	910	213	1290	746	e200	1280	677
15	187	1790	904	212	1190	680	199	1310	706
16	202	1650	897	223	917	552	203	1560	854
17	174	1330	628	229	714	440	212	1670	955
18	170	1200	551	471	15100	35200	186	1170	592
19	154	1940	805	478	16300	25000	179	1120	541
20	143	2090	807	320	3910	3400	225	2030	1630
21	135	2040	743	300	2570	2090	261	2550	1840
22	133	1700	609	290	1590	1250	206	1340	746
23	136	1380	506	292	1670	1320	181	1160	567
24	139	1190	448	282	1520	1160	158	1050	449
25	135	1080	393	259	1360	951	176	1000	475
26	147	1310	520	252	1370	934	219	1130	699
27	173	1580	740	264	1410	1000	295	2290	1820
28	172	1530	712	266	1390	1000	228	2570	1620
29	154	1370	571	---	---	---	147	1900	756
30	155	974	407	---	---	---	138	1360	511
31	161	834	361	---	---	---	129	1080	375
TOTAL	6199	---	22984	7051	---	87323	6985	---	28773

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
		APRIL			MAY			JUNE	
1	118	1290	412	339	2260	2070	e38	322	33
2	102	1220	337	283	1900	1730	e30	206	17
3	109	1110	326	247	1490	1220	e27	242	17
4	129	971	339	221	1050	628	e26	220	16
5	129	987	344	209	825	464	e35	187	17
6	122	946	311	211	739	422	e40	256	27
7	120	1020	332	241	932	608	e38	281	29
8	129	876	304	255	1080	743	e36	295	27
9	128	852	294	245	1210	800	27	327	23
10	201	1610	1110	214	916	534	24	397	26
11	226	2120	1330	160	749	324	21	854	48
12	170	1260	582	135	804	292	21	901	50
13	143	938	362	145	1020	399	18	765	37
14	120	946	307	143	1130	436	21	332	20
15	105	801	226	164	1420	635	18	115	4.5
16	120	760	246	165	919	412	e6.0	50	.91
17	145	945	371	160	767	331	e1.5	32	.22
18	155	1060	444	126	704	240	e1.8	25	.11
19	187	1100	556	123	702	233	e2.5	22	.12
20	172	992	461	119	626	201	e3.0	32	.26
21	172	952	442	114	1010	309	e5.0	45	.53
22	203	1210	668	127	1210	416	e3.5	32	.29
23	212	1490	852	120	831	271	e1.4	21	.08
24	223	1810	1100	108	795	230	e.37	19	.02
25	214	2210	1270	e70	652	131	e.40	17	.02
26	215	2500	1450	e70	391	72	e.44	16	.02
27	260	1870	1300	e88	297	58	e.48	15	.02
28	321	1550	1360	285	12700	10100	e.50	14	.02
29	490	3190	4230	181	8750	4370	e.46	18	.02
30	382	2850	2960	e90	3230	1020	e.46	97	.12
31	---	---	---	e56	713	132	---	---	---
TOTAL	5522	---	24626	5214	---	29831	447.81	---	394.26

09415190 VIRGIN RIVER AT RIVERSIDE, NV--Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY), WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAY	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)	MEAN DISCHARGE (CFS)	MEAN CONCEN-TRATION (MG/L)	SEDIMENT DISCHARGE (TONS/DAY)
		JULY			AUGUST			SEPTEMBER	
1	e.46	128	.18	e4.6	71	.84	11	81	2.6
2	e.46	113	.16	e4.8	72	.88	4.6	79	1.0
3	e.46	97	.14	e4.0	58	.60	4.6	83	1.0
4	e.46	88	.13	e3.0	45	.35	202	23200	18900
5	e.50	83	.11	2.5	35	.23	166	12300	5530
6	e.54	97	.14	2.3	28	.17	119	13900	4470
7	e.58	112	.18	2.2	22	.13	94	6600	1730
8	e.64	104	.18	1.9	17	.09	62	2820	484
9	e.68	95	.17	6.2	13	.22	39	1360	145
10	e.74	95	.19	1.9	10	.05	41	907	101
11	e.80	98	.20	1.2	8	.03	36	673	66
12	e.86	100	.22	1.0	8	.02	33	651	59
13	e.92	102	.24	.96	8	.02	37	653	65
14	e.98	102	.27	.82	8	.02	45	626	77
15	e1.0	101	.27	6.5	32	1.0	42	617	69
16	e1.0	101	.28	2.6	23	.17	41	745	85
17	e1.0	101	.28	1.0	22	.06	49	865	114
18	e1.0	100	.23	1.7	21	.10	49	671	89
19	e25	5900	1730	178	13400	11100	56	491	74
20	41	4380	577	163	10800	4850	49	396	52
21	46	3280	420	109	5230	1550	47	332	42
22	24	1350	92	93	3000	768	44	313	37
23	27	1130	92	72	1700	329	48	302	39
24	e10	316	8.8	65	915	162	47	292	37
25	e5.0	116	1.7	31	526	45	48	281	37
26	e3.0	61	.53	22	486	29	58	271	43
27	e3.3	59	.52	22	346	20	42	263	30
28	e3.4	62	.57	18	228	11	42	258	29
29	e3.6	64	.62	16	146	6.4	43	255	30
30	e4.1	66	.74	16	129	5.7	44	252	30
31	e4.3	69	.80	16	116	4.8	---	---	---
TOTAL	212.78	---	2928.85	870.18	---	18885.88	1643.2	---	32468.6
YEAR	55539.97		457316.59						

e Estimated

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER-ATURE WATER (DEG C) (00010)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. FALL DIAM. % FINER THAN .002 MM (70337)	SED. SUSP. FALL DIAM. % FINER THAN .004 MM (70338)	SED. SUSP. FALL DIAM. % FINER THAN .008 MM (70339)
NOV								
05...	1055	126	--	1200	408	--	--	--
JAN								
06...	1140	E229	--	1450	E896	--	--	--
FEB								
15...	1125	210	12.0	1320	748	--	--	--
MAR								
17...	0940	191	17.0	1430	737	--	--	--
MAY								
10...	1140	230	--	808	502	--	--	--
JUN								
07...	1115	38	--	343	35	--	--	--
JUL								
20...	1555	42	22.0	3490	396	25	53	82
AUG								
19...	2000	244	--	15700	10300	37	56	81

VIRGIN RIVER BASIN

09415190 VIRGIN RIVER AT RIVERSIDE, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DATE	SED. SUSP. FALL DIAM. % FINER THAN .016 MM (70340)	SED. SUSP. FALL DIAM. % FINER THAN .031 MM (70341)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SED. SUSP. SIEVE DIAM. % FINER THAN .125 MM (70332)	SED. SUSP. SIEVE DIAM. % FINER THAN .250 MM (70333)	SED. SUSP. SIEVE DIAM. % FINER THAN .500 MM (70334)	SED. SUSP. SIEVE DIAM. % FINER THAN 1.00 MM (70335)
NOV							
05...	--	--	17	29	77	100	--
JAN							
06...	--	--	9	15	59	98	100
FEB							
15...	--	--	10	18	58	98	100
MAR							
17...	--	--	14	21	63	97	100
MAY							
10...	--	--	27	39	78	100	--
JUN							
07...	--	--	58	69	88	100	--
JUL							
20...	92	94	95	97	99	100	--
AUG							
19...	94	96	97	98	99	100	--

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER-ATURE WATER (DEG C) (00010)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT						
05...	1337	85	--	903	206	35
18...	1230	291	--	3970	3120	71
NOV						
03...	1340	128	--	830	287	34
15...	1215	172	--	900	418	19
DEC						
01...	1100	254	--	966	662	21
20...	1020	220	10.0	622	369	19
JAN						
10...	1410	286	--	1170	903	24
27...	1120	540	10.0	5440	7930	80
FEB						
06...	1510	176	17.0	631	300	17
15...	1320	E3600	--	14700	143000	90
15...	1330	--	--	17800	--	95
15...	1345	E3800	--	15100	155000	92
15...	1535	E4500	--	13800	168000	91
16...	1400	E700	--	4390	8300	60
16...	1401	E700	--	8000	15100	64
22...	1715	286	--	467	361	65
MAR						
06...	2015	E6020	--	15700	255000	82
07...	1230	E1380	--	26900	100000	78
12...	1430	E10700	--	28200	815000	65
12...	1500	E11300	--	27600	842000	67
12...	1615	E12500	--	35200	1190000	53
12...	1700	E14000	--	38100	1440000	49
12...	1800	E14500	--	40300	1580000	46
13...	1445	3840	--	24900	258000	50
20...	0915	E1200	--	2020	6540	61
27...	1400	601	--	1620	2630	33
APR						
11...	1145	500	--	1320	1780	44
27...	1545	556	--	1830	2750	33
MAY						
11...	0935	E1000	--	3730	10100	79
24...	1245	936	19.5	4270	10800	24
JUN						
13...	1600	487	27.5	1920	2520	20
JUL						
18...	1013	166	31.0	793	355	45
AUG						
04...	1020	25	24.5	186	12	38
18...	1240	83	27.0	1080	242	77
SEP						
14...	1100	79	24.0	1580	335	73
29...	1025	60	17.0	712	116	47

E: ESTIMATED

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	TETHER LINE USED IN SAMPLNG (YES=1) (CODE) (04117)	VER-TICALS IN COM-POSITE SAMPLE (NUM) (04119)	TIME ON BED FOR BED LOAD SAMPLE (SEC) (04120)	HORI-ZONTAL WIDTH OF VER-TICAL (FEET) (04121)	SAMPLER TYPE (CODE) (84164)	BAG MESH SIZE BEDLOAD SAMPLER (MM) (30333)	SAM-PLING METHOD, CODES (82398)	SEDI-MENT DIS-CHARGE, BEDLOAD (TONS/ DAY) (80225)
DEC									
20...	1045	0	20	30	3.2	1130	0.250	1000	99
20...	1046	0	20	30	3.2	1130	0.250	1000	99
JAN									
27...	1150	0	20	30	4.1	1130	0.250	1000	42
27...	1151	0	20	30	4.1	1130	0.250	1000	42
MAY									
24...	1615	0	10	30	8.3	1100	0.250	1000	208
24...	1616	0	10	30	8.3	1100	0.250	1000	208

DATE	SED. BEDLOAD SIEVE DIAM. % FINER THAN .062 MM (80226)	SED. BEDLOAD SIEVE DIAM. % FINER THAN .125 MM (80227)	SED. BEDLOAD SIEVE DIAM. % FINER THAN .250 MM (80228)	SED. BEDLOAD SIEVE DIAM. % FINER THAN .500 MM (80229)	SED. BEDLOAD SIEVE DIAM. % FINER THAN 1.00 MM (80230)	SED. BEDLOAD SIEVE DIAM. % FINER THAN 2.00 MM (80231)	SED. BEDLOAD SIEVE DIAM. % FINER THAN 4.00 MM (80232)	SED. BEDLOAD SIEVE DIAM. % FINER THAN 8.00 MM (80233)	SED. BEDLOAD SIEVE DIAM. % FINER THAN 16.0 MM (80234)
DEC									
20...	0	1	19	90	98	99	99	100	100
20...	0	1	17	89	97	99	99	100	100
JAN									
27...	0	2	23	92	98	99	99	100	100
27...	0	2	26	93	98	99	100	100	100
MAY									
24...	1	4	28	82	94	97	98	100	100
24...	0	3	27	79	91	95	96	97	100

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER-ATURE WATER (DEG C) (00010)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. FALL DIAM. % FINER THAN .002 MM (70337)	SED. SUSP. FALL DIAM. % FINER THAN .004 MM (70338)	SED. SUSP. FALL DIAM. % FINER THAN .008 MM (70339)
JAN								
10...	1420	286	--	1530	1180	--	--	--
FEB								
06...	1515	176	17.0	1140	542	--	--	--
15...	1605	3370	--	13500	123000	31	44	57
APR								
27...	1550	556	--	1320	1980	--	--	--
MAY								
24...	1250	936	19.0	4200	10600	6	8	10
AUG								
18...	1250	83	27.0	1250	280	--	--	--

DATE	SED. SUSP. FALL DIAM. % FINER THAN .016 MM (70340)	SED. SUSP. FALL DIAM. % FINER THAN .031 MM (70341)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)	SED. SUSP. FALL DIAM. % FINER THAN .125 MM (70343)	SED. SUSP. FALL DIAM. % FINER THAN .250 MM (70344)	SED. SUSP. FALL DIAM. % FINER THAN .500 MM (70345)	SED. SUSP. FALL DIAM. % FINER THAN 1.00 MM (70346)	SED. SUSP. FALL DIAM. % FINER THAN 2.00 MM (70347)
JAN								
10...	--	--	27	31	64	100	100	100
FEB								
06...	--	--	31	37	67	100	100	100
15...	73	85	90	95	99	100	100	100
APR								
27...	--	--	42	63	87	100	100	100
MAY								
24...	13	16	22	44	81	100	100	100
AUG								
18...	--	--	78	92	100	100	100	100

09415230 VIRGIN RIVER ABOVE HALFWAY WASH NEAR RIVERSIDE, NV

LOCATION.--Lat 36°40'28", long 114°17'54", in SW $^1/_4$ NE $^1/_4$ sec.32, T.14 S., R.69 E., Clark County, Hydrologic Unit 15010010, 1.3 mi upstream from Halfway Wash, 6.1 mi southeast of Riverside, and 7.5 mi upstream from waterline of Lake Mead, at elevation 1,221 ft, National Geodetic Vertical Datum of 1929.

DRAINAGE AREA.--5.980 mi^2, approximately.

PERIOD OF RECORD.--Water years 1978 to 1986, 1993 to current year.

REMARKS.--The second listing for each date in the bedload table (one minute after the first stated collection time) is for a "split" of the first and only sample, rather than for a separate sample.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER-ATURE WATER (DEG C) (00010)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. FALL DIAM. % FINER THAN .002 MM (70337)	SED. SUSP. FALL DIAM. % FINER THAN .004 MM (70338)	SED. SUSP. FALL DIAM. % FINER THAN .008 MM (70339)
JAN								
10...	1050	252	9.0	644	438	--	--	--
FEB								
06...	1410	189	--	872	445	--	--	--
APR								
28...	0845	687	--	1560	2890	14	18	24

DATE	SED. SUSP. FALL DIAM. % FINER THAN .016 MM (70340)	SED. SUSP. FALL DIAM. % FINER THAN .031 MM (70341)	SED. SUSP. FALL DIAM. % FINER THAN .062 MM (70342)	SED. SUSP. FALL DIAM. % FINER THAN .125 MM (70343)	SED. SUSP. FALL DIAM. % FINER THAN .250 MM (70344)	SED. SUSP. FALL DIAM. % FINER THAN .500 MM (70345)	SED. SUSP. FALL DIAM. % FINER THAN 1.00 MM (70346)	SED. SUSP. FALL DIAM. % FINER THAN 2.00 MM (70347)
JAN								
10...	--	--	56	60	95	100	100	100
FEB								
06...	--	--	79	83	99	100	100	100
APR								
28...	30	36	45	66	94	100	100	100

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER-ATURE WATER (DEG C) (00010)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT						
18...	1330	301	--	3050	2480	81
NOV						
15...	1250	193	--	585	357	27
DEC						
01...	1130	267	--	533	384	35
20...	1445	237	--	336	215	28
JAN						
10...	1045	252	9.0	567	386	37
FEB						
06...	1405	189	--	535	273	52
MAR						
01...	1300	347	--	848	794	64
27...	1250	642	--	1650	2860	36
APR						
11...	1010	506	--	1760	2400	50
28...	0840	687	--	1590	2950	48
MAY						
11...	0900	--	--	3700	--	69
24...	0915	--	--	2100	--	46
JUN						
14...	1310	550	--	1310	1950	36
JUL						
18...	0825	179	23.5	826	399	53
AUG						
04...	0830	36	22.0	208	20	32
SEP						
14...	0835	92	18.0	1840	456	73
29...	0820	69	16.0	469	88	43

09415230 VIRGIN RIVER ABOVE HALFWAY WASH NEAR RIVERSIDE, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	TETHER LINE USED IN SAMPLNG (YES=1) (CODE) (04117)	VER-TICALS IN COM-POSITE SAMPLE (NUM) (04119)	TIME ON BED FOR BED LOAD SAMPLE (SEC) (04120)	HORI-ZONTAL WIDTH OF VER-TICAL (FEET) (04121)	DISCH, BEDLOAD AV UNIT FOR COM POSITE SAMPLE T/D/FT (04122)	SAMPLER TYPE (CODE) (84164)	BAG MESH SIZE BEDLOAD SAMPLER (MM) (30333)	SAM-PLING METHOD, CODES (82398)	SEDI-MENT DIS-CHARGE, BEDLOAD (TONS/ DAY) (80225)
DEC										
20...	1500	0	20	30	3.7	1.38	1130	0.250	1000	102
20...	1501	0	20	30	3.7	1.38	1130	0.250	1000	102
APR										
11...	1025	0	20	30	7.2	2.01	1130	0.250	1000	289
11...	1026	0	20	30	7.2	2.01	1130	0.250	1000	289

DATE	SED. BEDLOAD SIEVE DIAM. % FINER THAN .062 MM (80226)	SED. BEDLOAD SIEVE DIAM. % FINER THAN .125 MM (80227)	SED. BEDLOAD SIEVE DIAM. % FINER THAN .250 MM (80228)	SED. BEDLOAD SIEVE DIAM. % FINER THAN .500 MM (80229)	SED. BEDLOAD SIEVE DIAM. % FINER THAN 1.00 MM (80230)	SED. BEDLOAD SIEVE DIAM. % FINER THAN 2.00 MM (80231)	SED. BEDLOAD SIEVE DIAM. % FINER THAN 4.00 MM (80232)	SED. BEDLOAD SIEVE DIAM. % FINER THAN 8.00 MM (80233)	SED. BEDLOAD SIEVE DIAM. % FINER THAN 16.0 MM (80234)
DEC									
20...	0	1	21	80	90	93	96	98	100
20...	0	1	21	80	92	95	98	99	100
APR									
11...	0	4	40	96	99	99	100	100	100
11...	0	4	41	97	100	100	100	100	100

VIRGIN RIVER BASIN

09416000 MUDDY RIVER NEAR MOAPA, NV

LOCATION.--Lat 36°42'40", long 114°41'40", in SE $^1/_4$ SE $^1/_4$ sec.15, T.14 S., R.65 E., Clark County, Hydrologic Unit 15010012, on left bank, 0.1 mi upstream from Battleship Wash, 0.8 mi downstream from Home Ranch, 5 mi northwest of Moapa, 9.5 mi upstream from Meadow Valley Wash, and 26 mi upstream from Lake Mead.

DRAINAGE AREA.--3,820 mi^2, approximately, of which about 40 mi^2 contributes directly to surface runoff.

PERIOD OF RECORD.--July 1913 to September 1915, April 1916 to September 1918, June 1928 to October 1931, April to July 1932, October 1944 to current year.

REVISED RECORDS.--WSP 1243: 1914 (M). WSP 1343: 1950 (M). WSP 1733: Drainage area.

GAGE.--Water-stage recorder and Cipolletti weir. Recording tipping bucket rain gage with 0.04 inch increment since December 1989. Elevation of gage is 1,710 ft above sea level, from river-profile map. October 21, 1944, to September 30, 1948, water-stage recorder at datum 0.08 ft higher.

REMARKS.--No estimated daily discharges. Records fair. Diversions for irrigation above station. Beginning October 1, 1976, records do not include part-time diversion about 100 ft upstream, for cooling of powerplants downstream. Normal flow originates from springs in reach 0.9 to 2.5 mi upstream from station. Flood peaks may be dampened by Arrow Canyon Dam. Maximum daily precipitation total since December 1989, 2.04 in., August 15, 1990; Current year, 0.68 in. January 25. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39	40	42	34	38	38	37	39	34	35	31	27
2	41	40	40	35	42	45	35	36	35	36	29	27
3	38	40	40	36	42	38	35	35	35	33	28	28
4	36	40	41	39	41	37	37	38	35	32	27	30
5	35	41	39	37	42	37	37	37	32	33	28	29
6	34	41	41	35	42	38	35	38	31	33	28	29
7	37	42	41	34	42	39	34	40	33	33	26	32
8	38	43	40	33	43	41	36	40	34	34	28	29
9	38	42	42	34	44	39	38	41	34	35	28	29
10	36	44	39	36	45	38	38	39	34	33	27	29
11	36	44	38	37	46	40	35	37	34	33	27	28
12	35	45	34	35	46	44	32	35	32	30	27	30
13	36	45	33	34	42	39	32	38	34	30	27	31
14	36	44	35	34	39	37	31	40	34	31	26	31
15	36	45	33	35	37	35	32	38	32	31	25	32
16	37	44	34	34	34	33	30	39	32	31	25	32
17	35	44	35	34	39	34	30	36	33	31	25	30
18	37	44	34	32	41	39	34	34	34	31	23	30
19	37	44	32	31	40	42	39	35	33	31	24	30
20	38	45	33	32	38	38	38	33	34	31	26	31
21	38	43	35	38	39	39	32	34	34	31	25	29
22	40	43	33	40	40	39	34	33	36	31	29	30
23	40	45	34	33	40	40	33	34	34	31	29	31
24	38	46	34	36	40	41	33	35	34	31	30	33
25	38	46	37	38	42	42	34	37	35	31	29	33
26	39	45	36	39	46	39	31	35	33	31	29	34
27	38	46	36	40	44	37	32	33	34	31	32	34
28	39	44	35	38	40	40	34	35	35	31	27	33
29	40	44	41	36	---	37	38	36	35	31	26	34
30	41	44	37	34	---	36	43	37	34	31	27	34
31	39	---	34	35	---	36	---	36	---	31	27	---
TOTAL	1165	1303	1138	1098	1154	1197	1039	1133	1013	988	845	919
MEAN	37.6	43.4	36.7	35.4	41.2	38.6	34.6	36.5	33.8	31.9	27.3	30.6
MAX	41	46	42	40	46	45	43	41	36	36	32	34
MIN	34	40	32	31	34	33	30	33	31	30	23	27
AC-FT	2310	2580	2260	2180	2290	2370	2060	2250	2010	1960	1680	1820
†	.00	.79	.84	2.88	.84	.72	.32	.12	.00	.00	.00	.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1913 - 1995, BY WATER YEAR (WY)

MEAN	41.5	43.6	45.0	45.6	45.7	44.8	42.5	41.8	39.7	39.4	40.6	41.6
MAX	61.9	61.6	54.9	55.4	58.6	53.5	52.4	48.5	46.1	56.5	61.1	91.2
(WY)	1973	1961	1960	1960	1914	1958	1965	1958	1957	1984	1990	1967
MIN	29.4	33.2	32.6	35.4	34.6	31.9	31.3	35.1	32.4	30.5	27.3	30.0
(WY)	1990	1991	1992	1995	1990	1990	1989	1984	1984	1978	1995	1977

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1913 - 1995	
ANNUAL TOTAL	14365		12992			
ANNUAL MEAN	39.4		35.6		42.6	
HIGHEST ANNUAL MEAN					49.6	1958
LOWEST ANNUAL MEAN					33.7	1989
HIGHEST DAILY MEAN	61	May 30	46	Nov 24	930	Aug 16 1990
LOWEST DAILY MEAN	29	Sep 10	23	Aug 18	20	Aug 21 1986
ANNUAL SEVEN-DAY MINIMUM	31	Jul 29	25	Aug 15	25	Aug 15 1995
INSTANTANEOUS PEAK FLOW			68	Mar 12	5760	Aug 16 1990
INSTANTANEOUS PEAK STAGE			1.12	Mar 12	13.33	Aug 16 1990
ANNUAL RUNOFF (AC-FT)	28490		25770		30850	
10 PERCENT EXCEEDS	47		42		50	
50 PERCENT EXCEEDS	39		35		42	
90 PERCENT EXCEEDS	32		29		34	

† Precipitation total, in inches

VIRGIN RIVER BASIN

09418500 MEADOW VALLEY WASH NEAR CALIENTE, NV

LOCATION.--Lat 37°33'20", long 114°33'50", in SW $^1/_4$ NE $^1/_4$ sec.35, T.4 S., R.66 E., Lincoln County, Hydrologic Unit 15010013, on right bank, 0.5 mi east of Etna, 4.5 mi southwest of Caliente, and 6 mi downstream from Clover Creek.

DRAINAGE AREA.--1,670 mi^2.

PERIOD OF RECORD.--January 1951 to September 1960, November 1964 to September 1983, and October 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,200 ft above sea level, by barometer. Prior to June 16, 1955, at site 1.8 mi downstream at different datum.

REMARKS.--Records poor. Several diversions for irrigation above station. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	1.7	1.5	3.5	4.8	19	e10	8.6	7.2	3.5	1.6	1.7
2	1.6	1.9	1.6	3.6	5.1	14	e10	8.4	7.8	3.2	1.7	1.8
3	2.0	2.1	1.6	3.7	5.3	13	e10	8.4	8.8	3.2	1.6	1.9
4	2.1	2.1	1.7	3.7	5.5	14	e10	8.3	8.0	3.0	1.6	2.0
5	1.6	2.1	1.8	4.4	5.6	e30	e11	8.2	6.8	2.9	1.6	1.9
6	1.3	2.1	1.9	4.8	5.6	e980	e11	8.2	5.4	2.8	1.6	1.9
7	1.4	2.1	2.2	4.4	5.7	28	e11	8.1	6.1	2.6	1.6	2.1
8	1.8	2.0	2.1	4.4	31	23	11	8.1	7.1	2.6	1.6	2.1
9	1.6	1.9	1.8	4.3	114	15	10	7.9	7.0	2.6	1.6	2.0
10	1.6	1.9	1.6	5.1	25	8.0	10	7.9	6.8	2.6	1.6	2.0
11	1.5	2.0	1.5	5.0	6.9	7.1	10	7.8	6.2	2.5	1.7	1.9
12	1.5	2.1	1.5	4.5	5.5	6.9	10	7.7	5.7	2.4	2.0	1.9
13	1.6	2.1	1.4	4.3	5.0	6.8	9.8	7.7	5.1	2.3	2.1	2.1
14	1.6	1.9	1.5	4.2	5.0	6.8	9.8	7.5	5.0	2.4	1.8	2.3
15	1.8	1.8	1.7	4.2	5.4	7.0	9.8	7.5	4.8	2.4	1.8	2.4
16	1.7	1.7	1.8	4.3	5.9	7.2	10	7.4	4.8	2.4	1.7	2.4
17	1.6	1.7	1.9	4.6	8.4	7.2	10	7.3	5.0	2.3	1.6	2.1
18	1.4	1.8	2.0	4.7	9.2	7.4	12	7.2	4.6	2.3	1.6	2.4
19	1.3	1.6	1.7	5.8	10	7.6	11	7.0	4.5	2.2	1.7	2.4
20	1.3	1.7	2.3	8.3	12	7.8	11	6.9	4.3	2.1	1.7	2.5
21	1.2	1.7	2.4	8.9	13	8.0	11	6.8	4.2	2.0	1.7	2.5
22	1.3	1.8	2.4	7.1	13	8.0	10	6.8	4.0	2.0	1.7	2.5
23	1.1	1.8	2.5	5.7	14	8.2	9.7	6.6	3.8	1.9	1.8	2.5
24	1.1	1.7	2.9	5.3	16	8.3	9.4	8.5	3.8	1.9	1.8	2.6
25	1.4	1.7	3.8	5.0	16	8.5	9.3	8.3	3.6	1.8	1.7	2.8
26	1.5	1.8	e3.0	4.8	16	8.7	9.2	8.3	3.5	1.8	1.7	3.0
27	1.5	1.8	e2.8	4.8	16	8.9	9.0	7.7	3.4	1.7	1.7	3.1
28	1.5	1.7	e2.6	4.6	18	9.1	8.8	7.2	3.5	1.7	1.7	3.2
29	1.6	1.6	e2.8	4.5	---	9.3	8.8	7.0	3.4	1.6	1.6	3.0
30	1.6	1.6	3.0	4.6	---	9.5	8.6	7.4	3.3	1.6	1.6	3.0
31	1.6	---	3.3	4.8	---	9.7	---	6.4	---	1.6	1.7	---
TOTAL	47.3	55.5	66.6	151.9	402.9	1312.0	301.2	237.1	157.5	71.9	52.5	70.0
MEAN	1.53	1.85	2.15	4.90	14.4	42.3	10.0	7.65	5.25	2.32	1.69	2.33
MAX	2.1	2.1	3.8	8.9	114	980	12	8.6	8.8	3.5	2.1	3.2
MIN	1.1	1.6	1.4	3.5	4.8	6.8	8.6	6.4	3.3	1.6	1.6	1.7
AC-FT	94	110	132	301	799	2600	597	470	312	143	104	139

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 1995, BY WATER YEAR (WY)

MEAN	2.96	4.58	7.73	14.1	30.5	39.6	17.7	6.01	3.20	3.04	5.57	2.64
MAX	12.6	12.7	27.7	127	297	280	160	28.3	11.5	13.9	44.4	11.7
(WY)	1973	1958	1952	1993	1993	1978	1969	1983	1956	1956	1955	1967
MIN	.92	1.30	1.56	2.86	4.66	3.32	2.40	1.57	1.22	.89	.92	.78
(WY)	1992	1992	1990	1992	1965	1977	1959	1990	1992	1989	1966	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1951 - 1995	
ANNUAL TOTAL	1355.19		2926.4			
ANNUAL MEAN	3.71		8.02		11.7	
HIGHEST ANNUAL MEAN					61.5	1993
LOWEST ANNUAL MEAN					2.42	1990
HIGHEST DAILY MEAN	11	Feb 8	980	Mar 6	1480	Mar 5 1978
LOWEST DAILY MEAN	.57	Jun 16	1.1	Oct 23	.00	Jul 26 1966
ANNUAL SEVEN-DAY MINIMUM	.76	Jun 14	1.2	Oct 18	.37	Aug 9 1977
INSTANTANEOUS PEAK FLOW			1930	Mar 6	2400	Mar 5 1978
INSTANTANEOUS PEAK STAGE			11.25	Mar 6	11.25	Mar 6 1995
ANNUAL RUNOFF (AC-FT)	2690		5800		8490	
10 PERCENT EXCEEDS	8.0		10		17	
50 PERCENT EXCEEDS	2.6		3.3		3.6	
90 PERCENT EXCEEDS	1.4		1.6		1.4	

e Estimated

VIRGIN RIVER BASIN

09419000 MUDDY RIVER NEAR GLENDALE, NV

LOCATION.--Lat 36°38'35", long 114°32'20", in NE $^1/_4$ SW $^1/_4$ sec.7, T.15 S., R.67 E., Clark County, Hydrologic Unit 15010012, on left bank, at the Narrows, 150 ft downstream from Weiser Wash, 2 mi southeast of Glendale, 2.4 mi downstream from Meadow Valley Wash, 4.5 mi northwest of Logandale, and 16 mi upstream from Lake Mead.

DRAINAGE AREA.--6,780 mi^2, approximately, of which about 3,000 mi^2 contributes directly to surface runoff.

PERIOD OF RECORD.--January 1904 to December 1906 (gage heights only) and April to October 1910 (published as "near Moapa"), July 1913 to February 1914 (published as "near Logan"), February 1950 to September 1983, and October 1984 to current year.

REVISED RECORDS.--WSP 1243: 1906 (M). WSP 1733: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 1,460 ft above sea level, from river-profile map. January 1, 1904, to December 31, 1906, nonrecording gage just upstream at different datum. April 22, 1910, to February 21, 1914, nonrecording gage and rating flume at lower end of the Narrows, 1.2 mi downstream at different datum.

REMARKS.--Records good except for estimated daily discharges, which are poor.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known, 30 ft, March 26, 1906 (datum then in use), discharge not determined.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29	29	35	36	35	e37	e35	e38	e32	25	e28	27
2	33	31	34	37	38	e42	e33	e35	e33	27	e28	26
3	32	29	33	36	38	e36	e33	e33	e33	29	28	28
4	27	28	35	39	38	e35	e34	e36	e33	30	25	30
5	29	27	34	42	38	e35	e34	e35	e30	30	22	28
6	29	34	34	37	39	e36	e33	e37	e30	31	26	23
7	30	32	33	35	41	e36	e32	e37	e30	31	24	30
8	32	34	36	35	42	e40	e33	e37	e31	36	25	29
9	33	33	38	35	43	e38	e35	e38	e32	36	26	29
10	32	33	37	36	44	e37	e36	e38	e32	34	25	30
11	29	35	36	37	45	e38	e33	e35	e32	28	22	27
12	28	38	33	36	45	e42	e30	e33	e30	29	22	20
13	29	37	33	34	45	e37	e30	e35	e31	26	28	28
14	30	36	32	34	40	e35	e30	e38	e31	24	26	30
15	26	38	32	33	41	e33	e30	e36	e30	27	23	30
16	28	38	31	32	40	e30	e28	e36	e30	29	24	25
17	33	38	34	31	40	e31	e28	e34	e30	35	25	25
18	32	36	34	30	44	e37	e30	e33	e32	34	24	24
19	31	37	31	29	42	e40	e35	e33	e32	33	25	28
20	31	37	32	31	43	e36	e42	e30	e32	31	29	26
21	32	36	33	32	42	e36	e30	e31	e32	30	25	26
22	34	35	33	36	45	e36	e31	e30	30	26	24	26
23	35	37	32	35	46	e38	e31	e32	31	29	27	29
24	33	38	34	33	45	e38	e31	e33	29	27	29	32
25	31	39	35	36	40	e39	e31	e35	34	27	28	30
26	31	37	36	37	43	e38	e30	e31	31	33	21	31
27	33	39	37	37	e43	e36	e30	e30	29	30	22	32
28	29	38	37	37	e38	e37	e32	e33	31	29	25	29
29	32	36	38	35	---	e36	e36	e35	31	e29	26	27
30	35	34	42	35	---	e35	e40	e36	29	e29	26	28
31	33	---	36	35	---	e34	---	e34	---	e29	28	---
TOTAL	961	1050	1070	1083	1163	1134	976	1067	933	923	786	833
MEAN	31.0	35.0	34.5	34.9	41.5	36.6	32.5	34.4	31.1	29.8	25.4	27.8
MAX	35	39	42	42	46	42	42	38	34	36	29	32
MIN	26	27	31	29	35	30	28	30	29	24	21	20
AC-FT	1910	2080	2120	2150	2310	2250	1940	2120	1850	1830	1560	1650

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 1995, BY WATER YEAR (WY)

MEAN	38.5	46.3	46.6	49.2	56.5	56.1	44.2	38.7	34.2	33.3	40.9	38.9
MAX	61.0	209	58.0	98.0	230	237	100	48.0	50.6	51.5	136	78.3
(WY)	1973	1961	1961	1969	1993	1983	1969	1991	1965	1961	1981	1967
MIN	26.4	30.9	34.5	34.9	36.5	29.5	27.4	29.2	24.9	23.3	24.3	25.2
(WY)	1991	1991	1995	1995	1990	1989	1989	1989	1989	1990	1989	1989

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1950 - 1995	
ANNUAL TOTAL	12278		11979			
ANNUAL MEAN	33.6		32.8		43.6	
HIGHEST ANNUAL MEAN					60.7	1961
LOWEST ANNUAL MEAN					30.8	1989
HIGHEST DAILY MEAN	51	Jan 5	46	Feb 23	2990	Nov 6 1960
LOWEST DAILY MEAN	19	Jul 13	20	Sep 12	17	Jul 25 1990
ANNUAL SEVEN-DAY MINIMUM	21	Jul 13	24	Aug 5	18	Jul 23 1990
INSTANTANEOUS PEAK FLOW			48	Feb 12	16400	Aug 10 1981
INSTANTANEOUS PEAK STAGE			4.07	Feb 12	27.10	Aug 10 1981
ANNUAL RUNOFF (AC-FT)	24350		23760		31550	
10 PERCENT EXCEEDS	43		38		52	
50 PERCENT EXCEEDS	34		33		39	
90 PERCENT EXCEEDS	24		27		29	

e Estimated

VIRGIN RIVER BASIN

09419550 ROGERS SPRING NEAR OVERTON BEACH, NV

LOCATION.--Lat 36°22'36", long 114°26'33", in SE $^1/_4$ SE $^1/_4$ sec.12, T.18 S., R.67 E., Clark County, Hydrologic Unit 15010005, on left bank, in Lake Mead National Recreation Area, 6.6 mi southwest of Overton Beach, and 14 mi south of Overton.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1985 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,570 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Minor temporary regulation for recreation upstream. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	1.6	1.8	1.6	e1.6	e1.6	e1.6	e1.8	1.8	1.6	e1.8	1.9
2	1.6	1.6	1.8	1.6	e1.6	e1.6	e1.6	e1.8	1.8	1.6	e1.8	1.9
3	1.6	1.6	1.8	e1.6	e1.6	e1.6	e1.6	e1.8	1.7	1.6	1.8	1.9
4	e1.6	1.7	1.8	e1.6	e1.6	e1.6	1.5	e1.8	1.6	1.6	1.9	1.8
5	e1.6	1.7	1.8	e1.6	e1.6	e1.6	1.6	e1.8	1.5	1.6	1.9	1.7
6	e1.6	1.7	1.8	e1.6	e1.6	e1.6	1.6	e1.8	1.6	1.6	1.8	1.7
7	e1.6	1.7	1.9	e1.6	e1.6	e1.6	1.6	e1.8	1.6	1.6	1.8	1.6
8	e1.6	1.7	1.9	e1.6	e1.6	e1.6	1.6	e1.8	1.5	1.6	1.8	1.6
9	e1.6	1.7	1.9	e1.6	e1.6	e1.6	1.5	e1.8	1.5	1.6	1.9	1.7
10	e1.6	1.7	1.8	e1.6	e1.6	e1.6	1.5	e1.8	1.5	1.7	1.9	1.9
11	e1.6	1.7	1.6	e1.6	e1.6	e1.6	1.6	e1.8	1.5	1.7	1.9	1.9
12	e1.6	1.7	1.5	e1.6	e1.6	e1.6	1.6	e1.8	1.5	1.7	1.9	1.9
13	e1.6	1.7	1.5	e1.6	e1.6	e1.6	1.6	e1.8	1.5	1.7	1.9	1.9
14	e1.6	1.7	1.5	e1.6	e1.6	e1.6	1.6	e1.8	1.5	1.7	1.8	1.8
15	e1.6	1.7	1.5	e1.6	e1.6	e1.6	1.7	e1.8	1.5	1.7	1.8	1.8
16	e1.6	1.7	1.5	e1.6	e1.6	e1.6	1.7	e1.8	1.5	1.7	1.8	1.8
17	e1.6	1.7	1.5	e1.6	e1.6	e1.6	1.8	e1.8	1.5	1.6	1.9	1.8
18	e1.6	1.7	1.5	e1.6	e1.6	e1.6	e1.8	e1.8	1.6	1.7	1.9	1.8
19	1.5	1.7	1.5	e1.6	e1.6	e1.6	e1.8	e1.8	1.6	1.7	1.9	1.7
20	1.6	1.7	1.5	e1.6	e1.6	e1.6	e1.8	e1.8	1.6	1.7	1.8	1.7
21	1.6	1.7	1.5	e1.6	e1.6	e1.6	e1.8	e1.8	1.5	1.6	1.8	1.7
22	1.6	1.7	1.5	e1.6	e1.6	e1.6	e1.8	e1.8	1.4	1.6	1.9	1.8
23	1.6	1.7	1.5	e1.6	e1.6	e1.6	e1.8	e1.8	1.4	1.6	1.9	1.8
24	1.6	1.7	1.5	e1.6	e1.6	e1.6	e1.8	e1.8	1.5	1.7	1.9	1.8
25	1.6	1.7	1.6	e1.6	e1.6	e1.6	e1.8	e1.8	1.5	1.7	1.9	1.8
26	1.6	1.8	1.6	e1.6	e1.6	e1.6	e1.8	e1.8	1.5	1.7	1.9	1.7
27	1.6	1.8	1.6	e1.6	e1.6	e1.6	e1.8	1.9	1.5	1.8	1.9	1.7
28	1.6	1.8	1.6	e1.6	e1.6	e1.6	e1.8	1.8	1.6	e1.8	1.9	1.6
29	1.6	1.8	1.7	e1.6	---	e1.6	e1.8	1.8	1.5	e1.8	1.8	1.6
30	1.6	1.8	1.7	e1.6	---	e1.6	e1.8	1.8	1.6	e1.8	1.9	1.6
31	1.6	---	1.6	e1.6	---	e1.6	---	1.8	---	e1.8	1.9	---
TOTAL	49.5	51.2	50.8	49.6	44.8	49.6	50.7	55.9	46.4	51.9	57.7	52.9
MEAN	1.60	1.71	1.64	1.60	1.60	1.60	1.69	1.80	1.55	1.67	1.86	1.76
MAX	1.6	1.8	1.9	1.6	1.6	1.6	1.8	1.9	1.8	1.8	1.9	1.9
MIN	1.5	1.6	1.5	1.6	1.6	1.6	1.5	1.8	1.4	1.6	1.8	1.6
AC-FT	98	102	101	98	89	98	101	111	92	103	114	105

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1995, BY WATER YEAR (WY)

MEAN	1.67	1.67	1.64	1.63	1.63	1.56	1.56	1.57	1.63	1.64	1.66	1.65
MAX	1.76	1.92	1.89	2.16	2.27	1.94	1.70	1.80	1.89	1.88	2.02	1.91
(WY)	1990	1991	1993	1993	1993	1993	1992	1995	1993	1993	1993	1993
MIN	1.60	1.55	1.44	1.27	1.23	1.25	1.22	1.37	1.46	1.38	1.35	1.46
(WY)	1995	1986	1986	1986	1992	1987	1987	1992	1992	1992	1992	1989

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1985 - 1995	
ANNUAL TOTAL	603.1		611.0			
ANNUAL MEAN	1.65		1.67		1.63	
HIGHEST ANNUAL MEAN					1.88	1993
LOWEST ANNUAL MEAN					1.47	1992
HIGHEST DAILY MEAN	1.9	Dec 7	1.9	Dec 7	2.8	Aug 16 1990
LOWEST DAILY MEAN	1.5	Jun 27	1.4	Jun 22	.90	Aug 25 1992
ANNUAL SEVEN-DAY MINIMUM	1.5	Dec 12	1.5	Jun 21	1.1	Feb 25 1986
INSTANTANEOUS PEAK FLOW			2.1	Jun 11	26	Aug 16 1990
INSTANTANEOUS PEAK STAGE			1.99	Jun 11	unknown	Aug 16 1990
ANNUAL RUNOFF (AC-FT)	1200		1210		1180	
10 PERCENT EXCEEDS	1.7		1.8		1.8	
50 PERCENT EXCEEDS	1.7		1.6		1.6	
90 PERCENT EXCEEDS	1.6		1.6		1.4	

e Estimated

LAS VEGAS VALLEY

09419649 NORTH LAS VEGAS DETENTION BASIN OUTLET AT CRAIG ROAD NEAR NORTH LAS VEGAS, NV

LOCATION.--Lat 36°14'58", long 115°06'40", in SE $^1/_4$ NW $^1/_4$ sec.01, T.20 S., R.61 E., Clark County, Hydrologic Unit 15010015, on left bank of outlet structure on Craig Road, and 3.5 mi northeast of North Las Vegas.

DRAINAGE AREA.--Not Determined.

PERIOD OF RECORD.--October 1993 to current year.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 1,920 ft above sea level, from topographic map.

REMARKS.--Records fair. No flow most days most years. Flow below 10 ft^3/s not recorded. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

EXTREMES FOR CURRENT PERIOD.--Water Year 1994: No flow recorded. Maximum daily precipitation, 0.76 inches, August 8.

Water year 1995: No flow recorded. Maximum daily precipitation, 0.92 inches, December 25.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
MAX	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
†	.00	.12	.12	.12	.48	.28	.04	.12	.00	.44	1.00	.44

LAS VEGAS VALLEY

09419649 NORTH LAS VEGAS DETENTION BASIN OUTLET AT CRAIG ROAD NEAR NORTH LAS VEGAS, NV--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
MAX	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
†	.00	.20	1.40	3.08	.04	.44	.00	.08	.00	.00	.36	.00

† Precipitation total, in inches

LAS VEGAS VALLEY

094196497 GOWAN DETENTION BASIN OUTLET NEAR NORTH LAS VEGAS, NV

LOCATION.--Lat 35°15'07", long 115°09'08", in NE $^1/_4$ SE $^1/_4$ sec.33, T.19 S., R.61 E., Clark County, Hydrologic Unit 15010015, on downstream side of concrete box culvert on Camino Al Norte Road, 0.7 mi northeast of Craig Road, and 3.7 mi north of North Las Vegas.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--December 1993 to current year.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 2,060 ft above sea level, from topographic map.

REMARKS.--Records poor. No flow most days most years. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

EXTREMES FOR CURRENT PERIOD.--Water Year 1994: Maximum recorded discharge, 8.6 ft^3/s, August 8, gage height, 0.82 ft; no flow most days. Maximum daily precipitation recorded, 0.36 inches February 7.

Water Year 1995: Maximum discharge, 94 ft^3/s, January 5, gage height, 1.03 ft; no flow most days. Maximum daily precipitation 0.84 inches, December 25.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	e.00	.00	.00	e.00	e.00	.00	.00	.00	.00	.00
2	---	---	e.00	.00	.76	e.00	e.00	.00	.00	.00	.00	.00
3	---	---	e.00	.00	1.3	e.00	e.00	.00	.00	.00	.00	.00
4	---	---	e.00	.00	.95	e.00	e.00	.00	.00	.00	.00	.00
5	---	---	e.00	.00	.67	e.00	e.00	.00	.00	.00	.00	.00
6	---	---	e.00	.00	e.00	e.00	e.00	.00	.00	.00	.00	.00
7	---	---	e.00	.00	e1.3	e.00	e.00	.00	.00	.00	.00	.00
8	---	---	e.00	.00	e.50	e.00	e.00	.00	.00	.00	.68	.00
9	---	---	e.00	.00	e.00	e.00	e.00	.00	.00	.00	3.4	.00
10	---	---	e.00	.00	e.00	e.00	e.00	.00	.00	.00	2.2	.00
11	---	---	e.00	.00	e.00	e.00	e.00	.00	.00	.00	1.7	.00
12	---	---	e.00	.00	e.00	e.00	e.00	.00	.00	.00	.90	.00
13	---	---	e.00	.00	e.00	e.00	e.00	.00	.00	.00	.19	.00
14	---	---	.00	.00	e.00	e.00	e.00	.00	.00	.00	.02	.00
15	---	---	.00	.00	e.00	e.00	.00	.00	.00	.00	.00	.00
16	---	---	.00	.00	e.00	e.00	.00	.00	.00	.00	.00	.00
17	---	---	.00	.00	e.00	e.00	.00	.00	.00	.00	.00	.00
18	---	---	.00	.00	e.00	e.00	.00	.00	.00	.00	.04	.00
19	---	---	.00	.00	e.00	e.00	.00	.00	.00	.00	.00	.00
20	---	---	.00	.00	e.00	e.00	.00	.00	.00	.00	.00	.00
21	---	---	.00	.00	e.00	e.00	.00	.00	.00	.00	.00	.00
22	---	---	.00	.00	e.00	e.00	.00	.00	.00	.00	.00	.00
23	---	---	.00	.00	e.00	e.00	.00	.00	.00	.00	.00	.00
24	---	---	.00	.00	e.00	e.00	.00	.00	.00	.00	.00	.00
25	---	---	.00	.00	e.00	e1.0	.00	.00	.00	.00	.00	.00
26	---	---	.00	.00	e.00	e.00	.00	.00	.00	.00	.00	.00
27	---	---	.00	.00	e.00	e.00	.00	.00	.00	.00	.00	.00
28	---	---	.00	.00	e.00	e.00	.00	.00	.00	.00	.00	.00
29	---	---	.00	.00	---	e.00	.00	.00	.00	.00	.00	.00
30	---	---	.00	.00	---	e.00	.00	.00	.00	.00	.00	.00
31	---	---	.00	.00	---	e.00	---	.00	---	.00	.00	---
TOTAL	---	---	0.00	0.00	5.48	1.00	0.00	0.00	0.00	0.04	9.09	0.00
MEAN	---	---	.000	.000	.20	.032	.000	.000	.000	.001	.29	.000
MAX	---	---	.00	.00	1.3	1.0	.00	.00	.00	.04	3.4	.00
MIN	---	---	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	---	---	.00	.00	11	2.0	.00	.00	.00	.08	18	.00
†	--	--	--	.12	1.08	--	--	.08	.00	.24	.44	.24

LAS VEGAS VALLEY

094196497 GOWAN DETENTION BASIN OUTLET NEAR NORTH LAS VEGAS, NV--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.23	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.29	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.60	3.2	.06	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	18	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.56	34	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.44	.00	.00	1.1	.00	.00	.00	.00	.00	.00
7	.00	.00	1.1	17	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.94	.89	.03	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	22	.00	.14	.00	.00	.00	.00	.86	.00
11	.00	2.1	.00	2.3	.00	4.2	.00	.00	.00	.00	2.2	.00
12	.00	.34	.00	.12	30	.00	.00	.00	.00	.00	3.2	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.37	.00
14	.00	.00	.00	.00	1.8	.11	.00	.00	.00	.00	.56	.00
15	.00	.00	.00	.03	.00	.08	.00	.00	.00	.00	.86	.00
16	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.25	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.9	.00
21	.00	.00	.00	.00	.00	.08	.00	.00	.00	.10	.82	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.1	6.1	.00
23	.00	.00	.00	.00	.00	.00	.00	1.1	.00	1.4	4.9	.00
24	.00	.00	.13	19	.00	.00	.00	3.3	.00	1.8	.96	.00
25	.00	.00	35	41	.00	.00	.00	.12	.00	.00	.27	.00
26	.00	.00	.00	12	.00	.00	.08	.00	.00	.00	.60	.00
27	.00	.00	.00	.00	.00	.00	.00	.16	.00	.00	.35	.00
28	.00	.00	.00	.00	.00	.00	.00	.13	.00	.00	.17	.00
29	.00	.12	16	.00	---	.00	.00	.00	.00	.00	.27	.00
30	.00	.12	.05	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	2.68	55.34	169.54	1.89	5.76	0.09	4.81	0.00	4.40	27.64	0.00
MEAN	.000	.089	1.79	5.47	.067	.19	.003	.16	.000	.14	.89	.000
MAX	.00	2.1	35	41	1.8	4.2	.08	3.3	.00	1.8	6.1	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	5.3	110	336	3.7	11	.2	9.5	.00	8.7	55	.00
†	.00	.24	1.20	2.84	.08	.40	.04	.28	.00	.04	.28	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1995, BY WATER YEAR (WY)

MEAN	.000	.089	.89	2.73	.13	.11	.001	.078	.000	.072	.59	.000
MAX	.000	.089	1.79	5.47	.20	.19	.003	.16	.000	.14	.89	.000
(WY)	1995	1995	1995	1995	1994	1995	1995	1995	1994	1995	1995	1994
MIN	.000	.089	.000	.000	.067	.032	.000	.000	.000	.001	.29	.000
(WY)	1995	1995	1994	1994	1995	1994	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1994 - 1995	
ANNUAL TOTAL	73.63		272.15			
ANNUAL MEAN	.20		.75		.75	
HIGHEST ANNUAL MEAN					.75	1995
LOWEST ANNUAL MEAN					.75	1995
HIGHEST DAILY MEAN	35	Dec 25	41	Jan 25	41	Jan 25 1995
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Dec 1 1993
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.00	Oct 1	.00	Dec 1 1993
INSTANTANEOUS PEAK FLOW			94	Jan 5	94	Jan 5 1995
INSTANTANEOUS PEAK STAGE			1.03	Jan 5	1.03	Jan 5 1995
ANNUAL RUNOFF (AC-FT)	146		540		540	
10 PERCENT EXCEEDS	.00		.49		.12	
50 PERCENT EXCEEDS	.00		.00		.00	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated
† Precipitation total, in inches

LAS VEGAS VALLEY

094196557 LAS VEGAS CREEK AT MEADOWS DETENTION BASIN AT LAS VEGAS, NV

LOCATION.--Lat 36°10'30", long 115°10'50", in SE $^1/_4$ SW $^1/_4$ sec.29, T.20 S., R.61 E., Clark County, Hydrologic Unit 15010015, on right bank upstream of box culvert, 0.1 mi. downstream of Las Vegas Valley Water District reservoir, and 0.4 mi east of intersection of U.S. Highway 95 and Rancho Boulevard.

DRAINAGE AREA.-- Not determined.

PERIOD OF RECORD.--March 1989 to current year. Records prior to October 1993 not published but are available in files of U.S. Geological Survey.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 2,100 ft above sea level, from topographic map.

REMARKS.--Records poor. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

EXTREMES FOR CURRENT PERIOD.--Water Year 1994: Maximum discharge, 104 ft^3/s, August 8, gage height 10.98 ft; minimum daily discharge 0.06 ft^3/s, January 17, 26 to February 3. Maximum daily precipitation, 0.36 inches, November 11, February 4, and July 18.

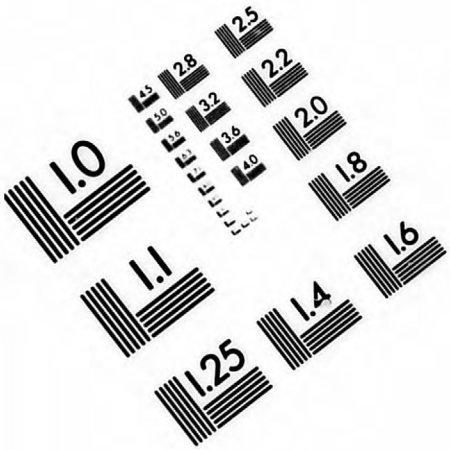
Water Year 1995: Maximum discharge, 121 ft^3/s, January 4, gage height 11.32 ft; minimum daily discharge 0.03 ft^3/s, December 22. Maximum daily precipitation, 0.84 in., January 25.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.5	.94	.58	.16	.06	.34	1.0	.99	.80	.75	.30	.91
2	1.5	.79	.58	.18	.06	.32	1.0	.61	2.2	.63	.34	.87
3	1.5	.77	.44	.16	.06	.37	.97	.66	2.8	.67	.36	.91
4	1.5	.79	.25	.12	6.3	.49	.98	.59	.18	.76	.38	.92
5	1.5	.79	.25	.12	.07	.41	1.0	.56	.23	.64	.42	.94
6	1.5	.71	.28	.11	.07	.51	.98	.47	.18	1.4	.45	.95
7	1.5	.72	.26	.14	1.8	.41	1.1	.57	.24	1.0	.52	.93
8	1.5	.71	.25	.09	.80	.46	1.0	.67	.21	1.1	19	.92
9	1.5	.65	.28	.12	.16	.54	1.1	.67	.37	.80	1.3	.85
10	1.5	.55	.24	.10	.16	.58	.61	.78	.32	.80	.75	.87
11	1.5	3.4	.19	.11	.21	.59	.56	1.2	.41	.82	2.0	1.0
12	1.5	.79	.12	.12	.30	.63	.56	1.7	.49	.82	1.2	1.1
13	1.5	.79	.10	.10	.27	.64	.61	1.2	.47	.77	.69	1.1
14	1.5	.79	.09	.39	.37	.59	.62	.66	.34	.79	.64	1.1
15	1.5	.72	4.7	.07	.56	.58	.59	.70	.36	1.2	.85	1.1
16	1.4	.67	.16	.07	.17	.48	.63	.46	.43	.75	.89	1.1
17	1.3	.62	.16	.06	.49	.51	.62	.41	.78	.89	1.0	1.1
18	1.3	1.0	.16	.07	.21	.96	.60	.41	.24	12	5.7	1.2
19	1.3	.79	.16	.07	.25	.50	.62	.56	.28	7.3	4.1	1.5
20	1.3	.79	.16	.07	.34	.52	.65	.78	.57	2.3	.90	.99
21	1.3	.79	.16	.07	.31	.45	.67	.65	.37	1.2	.84	1.1
22	1.3	.79	.16	.07	.33	.49	.62	.57	.43	.81	.76	1.1
23	1.3	.79	.16	.07	.27	.56	.65	.63	.34	.48	.77	.96
24	1.2	.79	.13	.07	.41	.55	.56	.51	.53	.53	.73	1.0
25	1.1	.68	.13	.16	.33	3.6	.42	.53	.80	1.9	1.0	1.1
26	1.1	.50	.16	.06	.36	.44	.60	7.2	.65	1.1	.98	1.0
27	1.1	.51	.16	.06	.47	.55	.78	1.4	.91	.67	1.1	1.4
28	1.1	.58	.16	.06	.32	.51	.50	.22	2.5	.69	1.0	1.0
29	1.1	.58	.16	.06	---	.80	.77	.21	3.5	.74	.98	2.6
30	1.1	.58	.14	.06	---	1.0	1.0	.22	1.7	1.1	.93	1.1
31	1.1	---	.16	.06	---	1.0	---	1.5	---	.33	.91	---
TOTAL	41.9	24.37	11.09	3.23	15.51	20.38	22.37	28.29	23.63	45.74	51.79	32.72
MEAN	1.35	.81	.36	.10	.55	.66	.75	.91	.79	1.48	1.67	1.09
MAX	1.5	3.4	4.7	.39	6.3	3.6	1.1	7.2	3.5	12	19	2.6
MIN	1.1	.50	.09	.06	.06	.32	.42	.21	.18	.33	.30	.85
AC-FT	83	48	22	6.4	31	40	44	56	47	91	103	65
†	.00	.36	.00	.04	.52	.20	.00	.08	.00	.44	.00	.04

SUMMARY STATISTICS FOR 1994 WATER YEAR

ANNUAL TOTAL	321.02	
ANNUAL MEAN	.88	
HIGHEST DAILY MEAN	19	Aug 8
LOWEST DAILY MEAN	.06	Jan 17
ANNUAL SEVEN-DAY MINIMUM	.06	Jan 26
INSTANTANEOUS PEAK FLOW	104	Aug 8
INSTANTANEOUS PEAK STAGE	10.98	Aug 8
ANNUAL RUNOFF (AC-FT)	637	
10 PERCENT EXCEEDS	1.5	
50 PERCENT EXCEEDS	.64	
90 PERCENT EXCEEDS	.14	



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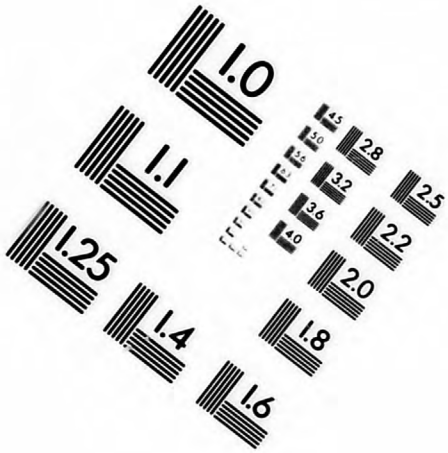

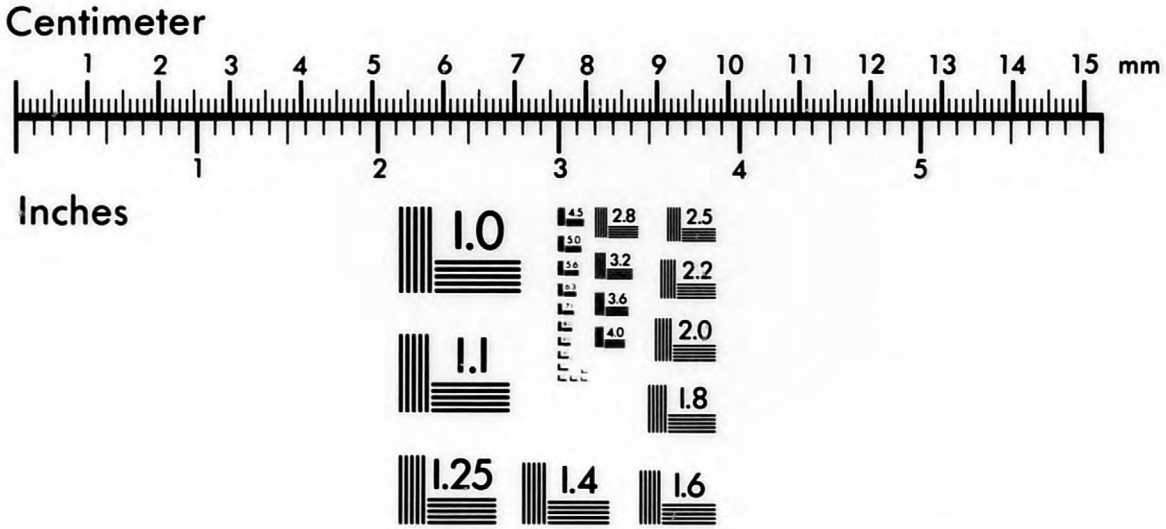

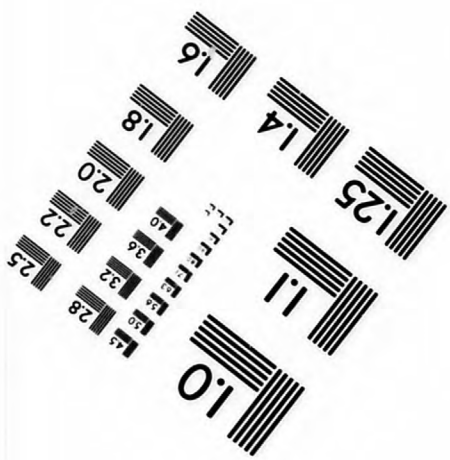

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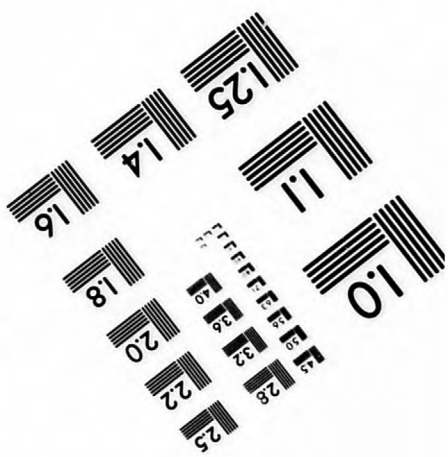


LAS VEGAS VALLEY

094196557 LAS VEGAS CREEK AT MEADOWS DETENTION BASIN AT LAS VEGAS, NV--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	.64	2.6	.71	.45	.35	1.9	.93	2.7	.58	.32	.37
2	1.2	.58	3.8	1.1	.44	.23	1.9	1.0	2.9	.54	.37	.29
3	1.0	.58	1.0	6.7	.42	.19	1.7	.86	2.4	.54	.30	.23
4	.90	.56	1.1	27	.53	.26	1.7	.90	.94	.26	.30	.25
5	.89	.58	7.2	15	.49	2.1	1.6	.67	.21	.35	.23	.22
6	.85	.81	7.6	1.7	.51	2.1	1.7	.63	2.5	.56	.21	.34
7	.79	.44	2.6	14	.46	.18	1.2	.63	1.9	.40	.25	.46
8	.74	.41	1.1	1.4	.46	.18	.93	.68	2.7	.69	.26	.61
9	.66	.42	1.1	.64	.50	.20	.90	.65	1.0	.94	.28	1.2
10	.99	.26	1.1	14	.52	.62	.74	.97	.20	.93	.28	2.7
11	1.1	5.9	1.5	.71	.56	6.7	.72	1.4	.32	.53	.27	.32
12	.59	1.2	1.3	.20	.47	.49	.76	.46	.60	.44	2.2	1.4
13	.63	.63	1.3	.18	.45	.42	.72	1.3	.28	.64	.54	.20
14	.46	.59	1.0	.16	2.0	.47	.64	.36	.45	.75	.35	1.4
15	.45	.57	1.2	2.7	.21	.52	.74	.47	.22	.59	.33	.26
16	.37	.59	.98	.19	.23	1.2	.91	.37	3.5	.23	.24	.26
17	.45	.72	.84	.16	.24	1.2	1.2	.31	6.5	.37	2.8	1.9
18	.40	.79	.87	.16	.38	.79	.66	.25	4.5	.21	5.0	3.2
19	.37	.57	.89	.16	.45	.84	.79	.67	.30	.17	4.1	.15
20	.61	.59	.53	.16	.38	.64	1.0	1.3	.25	.22	6.7	.18
21	.59	.58	.23	1.7	.41	.67	1.0	1.3	.26	.25	2.2	.13
22	.62	.64	.03	.23	.36	.47	.91	.33	.36	.26	12	.11
23	.67	.80	.08	.21	.35	.71	.86	.58	.46	.46	11	.09
24	.71	.57	1.2	13	.28	1.7	.89	1.6	.30	.77	.41	.08
25	.70	.51	13	33	.36	2.0	.99	.48	.30	.69	.24	.09
26	.61	.65	.05	1.0	.30	2.0	.93	.32	.43	.41	.24	.10
27	.59	.19	.06	.30	.29	1.9	.88	.26	.41	.20	.23	.07
28	.64	.77	.08	.49	.70	1.7	.93	.32	.35	1.5	.43	.06
29	.65	.75	7.0	.47	---	1.5	.91	.26	1.6	4.5	.37	.06
30	.60	2.7	.51	.44	---	1.9	1.0	.13	.51	6.0	.17	.06
31	.59	---	.41	.41	---	1.8	---	1.6	---	.90	.41	---
TOTAL	21.62	25.59	62.26	138.28	13.20	36.03	31.71	21.99	39.35	25.86	53.03	16.79
MEAN	.70	.85	2.01	4.46	.47	1.16	1.06	.71	1.31	.83	1.71	.56
MAX	1.2	5.9	13	33	2.0	6.7	1.9	1.6	6.5	6.0	12	3.2
MIN	.37	.19	.03	.16	.21	.18	.64	.13	.20	.17	.17	.06
AC-FT	43	51	123	274	26	71	63	44	78	51	105	33
†	.00	.31	1.44	3.40	.00	.32	.00	.16	.00	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1995, BY WATER YEAR (WY)

MEAN	1.02	.83	1.18	2.28	.51	.91	.90	.81	1.05	1.15	1.69	.83
MAX	1.35	.85	2.01	4.46	.55	1.16	1.06	.91	1.31	1.48	1.71	1.09
(WY)	1994	1995	1995	1995	1994	1995	1995	1994	1995	1994	1995	1994
MIN	.70	.81	.36	.10	.47	.66	.75	.71	.79	.83	1.67	.56
(WY)	1995	1994	1994	1994	1995	1994	1994	1995	1994	1995	1994	1995

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1994 - 1995	
ANNUAL TOTAL	353.13		485.71			
ANNUAL MEAN	.97		1.33		1.11	
HIGHEST ANNUAL MEAN					1.33	1995
LOWEST ANNUAL MEAN					.88	1994
HIGHEST DAILY MEAN	19	Aug 8	33	Jan 25	33	Jan 25 1995
LOWEST DAILY MEAN	.03	Dec 22	.03	Dec 22	.03	Dec 22 1994
ANNUAL SEVEN-DAY MINIMUM	.06	Jan 26	.07	Sep 24	.06	Jan 26 1994
INSTANTANEOUS PEAK FLOW			121	Jan 4	121	Jan 4 1995
INSTANTANEOUS PEAK STAGE			11.32	Jan 4	11.32	Jan 4 1995
ANNUAL RUNOFF (AC-FT)	700		963		801	
10 PERCENT EXCEEDS	1.3		2.3		1.7	
50 PERCENT EXCEEDS	.63		.59		.62	
90 PERCENT EXCEEDS	.15		.21		.16	

† Precipitation total, in inches

LAS VEGAS VALLEY

09419658 LAS VEGAS WASH NEAR SAHARA AVENUE NEAR LAS VEGAS, NV

LOCATION.--Lat 36°08'47", long 115°03'07", in SW $^1/_4$ SE $^1/_4$ sec.4, T.21 S., R.62 E., Clark County, Hydrologic Unit 15010015, on right bank, 0.5 mi east of Nellis Boulevard on Sahara Avenue where Sahara deadends at the Desert Rose Golf Course.

DRAINAGE AREA.--1,146 mi^2.

PERIOD OF RECORD.--March 1988 to current year.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 1,715 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges and those below 1.0 ft^3/s, which are poor. Maximum daily precipitation for period of record, 1.56 in., June 10, 1990; current year, 0.92 in., December 25. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	1.0	9.0	1.2	5.7	4.5	1.9	1.6	8.9	2.6	2.3	1.6
2	1.2	.89	3.1	.22	6.4	3.9	1.7	1.6	11	2.4	1.8	1.3
3	1.4	.84	1.9	33	5.9	3.7	1.8	1.7	14	2.3	1.5	1.3
4	1.4	.83	1.5	218	5.9	3.2	1.8	1.6	9.0	2.6	1.4	1.3
5	1.3	.83	1.4	254	6.1	3.5	1.8	1.7	5.4	2.6	1.2	1.3
6	1.3	.83	8.2	7.5	4.8	24	1.8	1.7	5.7	3.6	1.4	1.4
7	1.3	.83	13	143	2.7	3.8	2.2	1.7	8.6	3.6	1.3	1.3
8	1.3	7.5	3.4	42	2.5	3.2	2.6	1.6	7.9	3.7	1.3	1.5
9	1.5	5.4	20	7.6	2.6	3.2	1.9	1.3	7.2	2.4	1.5	1.2
10	1.5	3.1	7.4	156	2.4	3.3	1.9	1.5	4.7	2.8	1.4	3.6
11	1.7	15	7.3	79	2.4	96	1.8	1.5	3.9	2.1	1.1	1.6
12	1.5	27	12	5.8	2.4	8.3	1.9	1.5	4.1	2.0	18	2.0
13	e8.0	11	11	4.3	2.5	2.4	1.9	2.4	4.8	2.1	15	1.5
14	e27	6.6	13	3.3	7.9	2.3	1.8	2.0	10	2.3	1.4	1.6
15	.88	10	8.3	5.9	6.5	2.1	1.7	1.3	4.7	2.6	1.2	3.1
16	.83	6.4	8.6	14	3.0	2.0	1.7	1.8	4.4	2.1	1.1	1.6
17	.83	17	3.2	2.7	2.7	2.0	2.0	1.4	12	1.9	1.1	1.6
18	.83	12	2.0	2.7	2.8	2.3	1.8	6.2	12	2.0	5.0	6.2
19	.85	2.6	1.5	1.6	2.8	2.1	1.8	4.9	4.1	1.9	6.0	1.5
20	6.4	7.2	1.3	2.1	2.6	2.0	1.8	6.3	3.4	1.9	21	1.2
21	11	10	1.4	5.2	2.6	3.9	1.8	8.1	3.7	2.2	12	1.2
22	4.4	2.6	1.5	2.2	2.5	2.5	1.7	2.3	3.1	1.3	26	1.2
23	1.8	1.5	1.5	.80	2.5	2.3	1.7	2.0	6.2	1.3	59	1.2
24	1.3	1.3	1.5	134	2.6	2.5	1.9	55	3.3	1.8	21	1.2
25	1.1	1.2	1.5	305	2.4	2.2	1.9	13	2.5	1.7	1.5	1.2
26	.96	1.1	1.5	91	2.4	2.2	3.1	2.0	2.6	1.9	1.3	1.2
27	.87	12	1.4	7.6	2.4	2.3	1.8	1.4	3.0	1.4	1.3	1.2
28	.86	4.1	1.4	5.8	7.6	2.2	1.6	1.4	2.7	1.6	1.3	1.2
29	1.1	13	123	5.4	---	2.2	1.7	1.4	3.1	3.9	1.4	1.2
30	1.3	13	25	5.1	---	2.1	1.7	1.4	2.8	7.8	1.3	1.2
31	1.2	---	2.0	5.1	---	2.0	---	2.2	---	4.9	1.3	---
TOTAL	88.21	196.65	298.8	1551.12	105.6	204.2	56.5	135.5	178.8	79.3	213.4	49.7
MEAN	2.85	6.55	9.64	50.0	3.77	6.59	1.88	4.37	5.96	2.56	6.88	1.66
MAX	27	27	123	305	7.9	96	3.1	55	14	7.8	59	6.2
MIN	.83	.83	1.3	.22	2.4	2.0	1.6	1.3	2.5	1.3	1.1	1.2
AC-FT	175	390	593	3080	209	405	112	269	355	157	423	99
†	.04	.32	1.28	2.64	.24	.48	.00	.08	.16	.48	1.04	.72

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 1995, BY WATER YEAR (WY)

MEAN	3.44	2.89	4.87	12.2	10.5	8.95	2.23	2.97	3.67	2.08	4.81	1.60
MAX	13.0	6.55	14.5	50.0	42.9	44.0	6.41	6.16	12.9	4.89	7.89	2.25
(WY)	1993	1995	1993	1995	1993	1992	1988	1989	1990	1994	1994	1991
MIN	.73	.92	.34	.000	.83	.94	.93	1.33	.74	.74	1.01	.96
(WY)	1990	1991	1991	1991	1989	1990	1991	1990	1989	1989	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1988 - 1995	
ANNUAL TOTAL	1493.59		3157.78			
ANNUAL MEAN	4.09		8.65		5.09	
HIGHEST ANNUAL MEAN					8.71	1993
LOWEST ANNUAL MEAN					2.19	1989
HIGHEST DAILY MEAN	135	Aug 9	305	Jan 25	717	Feb 8 1993
LOWEST DAILY MEAN	.78	Aug 23	.22	Jan 2	.00	Dec 21 1990
ANNUAL SEVEN-DAY MINIMUM	.82	Aug 22	.86	Nov 1	.00	Dec 21 1990
INSTANTANEOUS PEAK FLOW			1340	Jan 4	2070	Feb 8 1993
INSTANTANEOUS PEAK STAGE			11.18	Jan 4	16.27	Jun 10 1990
ANNUAL RUNOFF (AC-FT)	2960		6260		3690	
10 PERCENT EXCEEDS	7.2		12		4.4	
50 PERCENT EXCEEDS	1.7		2.2		1.3	
90 PERCENT EXCEEDS	1.1		1.2		.69	

e Estimated
† Precipitation total, in inches

LAS VEGAS VALLEY

09419659 SLOAN CHANNEL TRIBUTARY AT LAS VEGAS BOULEVARD NEAR NORTH LAS VEGAS, NV

LOCATION.--Lat 36°13'46", long 115°04'45", in SE $^1/_4$ NW $^1/_4$ sec.08, T.20 S., R.62 E., Clark County, Hydrologic Unit 15010015, on downstream side of concrete box culvert on Las Vegas Boulevard, 0.25 mi east of Lamb Boulevard, and 3.2 mi northeast of North Las Vegas.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--October 1993 to current year.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 1,855 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records good. No flow most days most years. Maximum discharge in 1994, determined by rating extension above 189 ft^3/s. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

EXTREMES FOR CURRENT PERIOD.--Water Year 1994: Maximum discharge, 1,230 ft^3/s, August 19, gage height 11.17 ft; no flow most days. Maximum daily precipitation recorded, 0.40 inches August 8.

Water Year 1995: Maximum discharge, 67 ft^3/s, January 4, gage height 10.52 ft; no flow most days. Maximum daily precipitation, 1.00 inches December 25.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	15	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	36	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.45
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	9.9
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.00	10.35
MEAN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	1.65	.34
MAX	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	36	9.9
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	101	21
†	.00	.16	--	--	--	.44	.04	.00	.00	.28	.40	.32

SUMMARY STATISTICS FOR 1994 WATER YEAR

ANNUAL TOTAL	61.35	
ANNUAL MEAN	.17	
HIGHEST DAILY MEAN	36	Aug 19
LOWEST DAILY MEAN	.00	Oct 1
ANNUAL SEVEN-DAY MINIMUM	.00	Oct 1
INSTANTANEOUS PEAK FLOW	1230	Aug 19
INSTANTANEOUS PEAK STAGE	11.17	Aug 19
ANNUAL RUNOFF (AC-FT)	122	
10 PERCENT EXCEEDS	.00	
50 PERCENT EXCEEDS	.00	
90 PERCENT EXCEEDS	.00	

LAS VEGAS VALLEY

09419659 SLOAN CHANNEL TRIBUTARY AT LAS VEGAS BOULEVARD NEAR NORTH LAS VEGAS, NV--Continued.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	4.3	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.11	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.26	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.46	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.17	.00	---	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.63	4.41	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00
MEAN	.000	.000	.020	.14	.000	.000	.000	.000	.000	.000	.008	.000
MAX	.00	.00	.46	4.3	.00	.00	.00	.00	.00	.00	.26	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	1.2	8.7	.00	.00	.00	.00	.00	.00	.5	.00
†	.00	.20	1.36	2.60	.04	.48	.00	.04	.00	.00	.32	.00
MEAN	.000	.000	.010	.071	.000	.000	.000	.000	.000	.000	.83	.17
MAX	.000	.000	.020	.14	.000	.000	.000	.000	.000	.000	1.65	.34
(WY)	1994	1994	1995	1995	1994	1994	1994	1994	1994	1994	1994	1994
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.008	.000
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1995	1995

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1995, BY WATER YEAR (WY)

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1994 - 1995	
ANNUAL TOTAL	61.98		5.30			
ANNUAL MEAN	.17		.015		.091	
HIGHEST ANNUAL MEAN					.17	1994
LOWEST ANNUAL MEAN					.015	1995
HIGHEST DAILY MEAN	36	Aug 19	4.3	Jan 4	36	Aug 19 1994
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Oct 1 1993
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.00	Oct 1	.00	Oct 1 1993
INSTANTANEOUS PEAK FLOW			67	Jan 4	1230	Aug 19 1994
INSTANTANEOUS PEAK STAGE			10.52	Jan 4	11.17	Aug 19 1994
ANNUAL RUNOFF (AC-FT)	123		11		66	
10 PERCENT EXCEEDS	.00		.00		.00	
50 PERCENT EXCEEDS	.00		.00		.00	
90 PERCENT EXCEEDS	.00		.00		.00	

† Precipitation total, in inches

LAS VEGAS VALLEY

09419665 SLOAN CHANNEL AT CHARLESTON BOULEVARD NEAR LAS VEGAS, NV

LOCATION.--Lat 36°09'36", long 115°02'39", in SE $^1/_4$ SE $^1/_4$ sec.33, T.20 S., R.62 E., Clark County, Hydrologic Unit 15010015, on upstream side of box culvert on Charleston Boulevard, and 1.0 mi east of Nellis Boulevard.

DRAINAGE AREA.--144 mi^2.

PERIOD OF RECORD.--October 1988 to current year.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 1,730 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records poor. Flows below 50 ft^3/s not recorded by gage. No flow most days most years. Maximum daily precipitation for period of record, 1.72 in., February 8, 1993; current year, 1.16 in., December 25. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.59	.00	.00	14	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	1.4	.00	.00	.00	.00
25	.00	.00	7.3	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.59	0.00	7.30	14.00	0.00	0.00	0.00	1.40	0.00	0.00	0.00	0.00
MEAN	.019	.000	.24	.45	.000	.000	.000	.045	.000	.000	.000	.000
MAX	.59	.00	7.3	14	.00	.00	.00	1.4	.00	.00	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	1.2	.00	14	28	.00	.00	.00	2.8	.00	.00	.00	.00
†	.00	.35	1.56	2.72	.40	.48	.12	.52	.00	.00	.12	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 1995, BY WATER YEAR (WY)

MEAN	.34	.16	.050	.37	.82	.37	.000	.042	.24	.17	.16	.005
MAX	2.39	1.15	.24	1.97	3.79	2.73	.000	.22	1.43	1.19	.69	.043
(WY)	1993	1992	1995	1992	1993	1992	1988	1989	1990	1990	1994	1994
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1989	1989	1989	1990	1989	1988	1988	1988	1988	1988	1990	1988

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1988 - 1995	
ANNUAL TOTAL	36.69		23.29			
ANNUAL MEAN	.10		.064		.24	
HIGHEST ANNUAL MEAN					.63	1992
LOWEST ANNUAL MEAN					.064	1995
HIGHEST DAILY MEAN	15	Aug 9	14	Jan 4	106	Feb 8 1993
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Mar 1 1988
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.00	Oct 5	.00	Mar 1 1988
INSTANTANEOUS PEAK FLOW			89	Jan 4	680	Jul 16 1990
INSTANTANEOUS PEAK STAGE			10.20	Jan 4	11.54	Jul 16 1990
ANNUAL RUNOFF (AC-FT)	73		46		171	
10 PERCENT EXCEEDS	.00		.00		.00	
50 PERCENT EXCEEDS	.00		.00		.00	
90 PERCENT EXCEEDS	.00		.00		.00	

† Precipitation total, in inches

LAS VEGAS VALLEY

09419673 FLAMINGO WASH NEAR TORREY PINES DRIVE NEAR LAS VEGAS, NV

LOCATION.--Lat 36°06'09", long 115°14'10", in SE 1/4 SW 1/4 sec.23, T.21 S., R.60 E., Clark County, Hydrologic Unit 15010015, on upstream side of concrete box culvert on Torrey Pines Drive, and 0.25 mi north of Tropicana Avenue.

DRAINAGE AREA.--93.6 mi^2.

PERIOD OF RECORD.--March 1988 to current year.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 2,335 ft above sea level, from topographic map.

REMARKS.--Records poor. No flow most days most years. Rating curve extended above 240 ft^3/s on basis of slope-area measurements at gage-heights 11.95 ft and 21.41 ft. Maximum daily precipitation for period of record, 1.88 in., March 27, 1992; current year, 1.00 in., January 25. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	e.00	.00	.00	e.00	.00	.00
2	.00	.00	.00	.08	.00	.00	e.00	.00	.00	e.00	.00	.00
3	e.00	.00	.00	.22	.00	.00	e.00	.00	.00	e.00	.00	.00
4	e.00	.00	.00	1.5	.00	.00	e.00	.00	.00	e.00	.00	.00
5	.00	.00	.00	.84	.00	.00	e.00	.00	.00	e.00	.00	.00
6	.00	.00	.00	.75	.00	.00	e.00	.00	.00	e.00	.00	.00
7	.00	.00	.00	1.1	.00	.00	e.00	.00	.00	e.00	.00	.00
8	.00	.00	.00	e.00	.00	.00	e.00	.00	.00	e.00	.00	.00
9	.00	.00	.00	e.00	.00	.00	e.00	.00	.00	e.00	.00	.00
10	.00	.00	.00	1.8	.00	.00	e.00	.00	.00	e.00	.00	.00
11	.00	.06	.00	e.00	.00	.00	e.00	.00	.00	e.00	.00	.00
12	.00	.00	.00	e.00	.00	.00	e.00	.00	.00	e.00	.00	.00
13	.00	.00	.00	e.00	.00	.00	e.00	.00	e.00	e.00	.00	.00
14	.00	.00	.00	e.00	.00	.00	e.00	.00	e.00	e.00	.00	.00
15	.00	.00	.00	e.00	.00	.00	e.00	.00	e.00	e.00	.00	.00
16	.00	.00	.00	e.00	.00	.00	e.00	.00	e.00	e.00	.00	.00
17	.00	.00	.00	e.00	.00	.00	e.00	.00	e.00	e.00	.00	.00
18	.00	.00	.00	e.00	.00	.00	e.00	.00	e.00	e.00	.00	.00
19	.00	.00	.00	e.00	.00	.00	e.00	.00	e.00	e.00	.00	.00
20	.00	.00	.00	e.00	.00	e.00	e.00	.00	e.00	e.00	.00	.00
21	.00	.00	.00	e.00	.00	e.00	e.00	.00	e.00	e.00	.00	.00
22	.00	.00	.00	e.00	.00	e.00	e.00	.00	e.00	e.00	.00	.00
23	.00	.00	.00	e.00	.00	e.00	e.00	.00	e.00	e.00	28	.00
24	.00	.00	.00	12	.00	e.00	e.00	.00	e.00	e.00	1.3	.00
25	.00	.00	1.9	43	.00	e.00	e.00	.00	e.00	e.00	.90	.00
26	.00	.00	e.00	.51	.00	e.00	e.00	.00	e.00	.00	.42	.00
27	.00	.00	e.00	.00	.00	e.00	e.00	.00	e.00	.00	.00	.00
28	.00	.00	e.00	.00	.00	e.00	e.00	.00	e.00	.00	.00	.00
29	.00	.00	.55	.00	---	e.00	e.00	.00	e.00	.00	.00	.00
30	.00	.00	.00	.00	---	e.00	.00	.00	e.00	.00	.00	.00
31	.00	---	.00	.00	---	e.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.06	2.45	61.80	0.00	0.00	0.00	0.00	0.00	0.00	30.62	0.00
MEAN	.000	.002	.079	1.99	.000	.000	.000	.000	.000	.000	.99	.000
MAX	.00	.06	1.9	43	.00	.00	.00	.00	.00	.00	28	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.1	4.9	123	.00	.00	.00	.00	.00	.00	61	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 1995, BY WATER YEAR (WY)

MEAN	.058	.15	.23	.43	.58	.48	.071	.17	.60	1.29	.21	.23
MAX	.37	1.06	.79	1.99	2.22	2.93	.36	.85	4.73	10.1	.99	1.71
(WY)	1993	1992	1992	1995	1992	1992	1989	1990	1990	1990	1995	1991
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1989	1989	1989	1994	1995	1988	1988	1988	1988	1988	1988	1988
†	--	.23	1.04	3.56	.00	.32	.00	.00	--	--	.80	.00

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1988 - 1995	
ANNUAL TOTAL	3.07		94.93			
ANNUAL MEAN	.008		.26		.41	
HIGHEST ANNUAL MEAN					1.39	1990
LOWEST ANNUAL MEAN					.003	1994
HIGHEST DAILY MEAN	1.9	Dec 25	43	Jan 25	165	Jul 16 1990
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Feb 29 1988
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.00	Oct 1	.00	Feb 29 1988
INSTANTANEOUS PEAK FLOW			301	Aug 23	3920	Jul 16 1990
INSTANTANEOUS PEAK STAGE			11.24	Aug 23	21.41	Jul 16 1990
ANNUAL RUNOFF (AC-FT)	6.1		188		298	
10 PERCENT EXCEEDS	.00		.00		.30	
50 PERCENT EXCEEDS	.00		.00		.00	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated
† Precipitation total, in inches

LAS VEGAS VALLEY

09419674 FLAMINGO WASH AT DECATUR BOULEVARD AT LAS VEGAS, NV

LOCATION.--Lat 36°06'10", long 115°12'25", in SE $^1/_4$ SE $^1/_4$ sec.24, T.21 S., R.60 E., Clark County, Hydrologic Unit 15010015, on upstream side of concrete box culvert on Decatur Boulevard, and 0.1 mi north of Tropicana Avenue.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--October 1988 to current year. Records prior to February 1992 not published but are available in files of the U.S. Geological Survey.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 2,250 ft above sea level, from topographic map.

REMARKS.--Records poor. No flow most days most years. Flow below 10.0 ft^3/s not recorded. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 230 ft^3/s, June 10, 1990, gage height 11.28 ft; no flow most days.

EXTREMES FOR CURRENT PERIOD.--Water Year 1992: Maximum discharge recorded during period February to September, 245 ft^3/s, March 7, gage height 11.40 ft; no flow most days. Maximum daily precipitation recorded, 0.68 inches, March 8.

Water Year 1993: Maximum discharge, 322 ft^3/s, February 8, gage height 11.77 ft; no flow most days. Maximum daily precipitation recorded, 1.52 inches, February 8.

Water Year 1994: Maximum discharge, 168 ft^3/s, August 8, gage height 11.77 ft; no flow most days. Maximum daily precipitation, 0.32 inches, February 4.

Water Year 1995: Maximum discharge, 729 ft^3/s, August 23, gage height 13.85 ft; no flow most days. Maximum daily precipitation, 0.84 inches, January 25.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1991 TO SEPTEMBER 1992
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	e.00	.00	e.00	e.00	.00	.00	.00	e.00
2	---	---	---	---	e.00	57	e.00	e.00	6.1	.00	.00	e.00
3	---	---	---	---	e.00	e8.0	e.00	e.00	.00	.00	.00	e.00
4	---	---	---	---	e.00	e.00	e.00	e.00	.00	.00	.00	e.00
5	---	---	---	---	e.00	e.00	e.00	.00	.00	.00	.00	.00
6	---	---	---	---	e.00	e.00	e.00	.00	.00	.00	.00	.00
7	---	---	---	---	e40	52	e.00	.00	.00	.00	.00	.00
8	---	---	---	---	e2.0	39	e.00	4.1	.00	.00	.00	.00
9	---	---	---	---	e.00	13	e.00	3.0	.00	.00	.00	.00
10	---	---	---	---	e.00	e.00	e.00	.00	.00	.00	e.00	.00
11	---	---	---	---	e.00	e.00	e.00	.00	.00	.00	e.00	.00
12	---	---	---	---	e30	e.00	e.00	.00	.00	.00	e.00	.00
13	---	---	---	---	e20	e.00	e.00	.00	.00	.00	e.00	.00
14	---	---	---	---	1.8	e.00	e.00	.00	.00	.00	e.00	.00
15	---	---	---	---	6.5	e.00	e.00	.00	.00	.00	e.00	.00
16	---	---	---	---	1.8	e.00	e.00	.00	.00	.00	e.00	.00
17	---	---	---	---	1.1	e.00	e.00	.00	.00	.00	e.00	.00
18	---	---	---	---	.57	e.00	e.00	.00	.00	.00	e.00	.00
19	---	---	---	---	.10	e.00	e.00	.00	.00	.00	e.00	.00
20	---	---	---	---	.00	e.00	e.00	.00	.00	.00	e.00	.00
21	---	---	---	---	.00	e.00	e.00	.00	.00	.00	e.00	.00
22	---	---	---	---	.00	e1.0	e.00	.00	.00	.00	e.00	.00
23	---	---	---	---	.00	e.00	e.00	.00	.00	.00	e.00	.00
24	---	---	---	---	.00	e.00	e.00	.00	.00	.00	e.00	.00
25	---	---	---	---	.00	e.00	e.00	.00	.00	.00	e.00	.00
26	---	---	---	---	.00	e.00	e.00	.00	.00	.00	e.00	.00
27	---	---	---	---	.00	e60	e.00	.00	.00	.00	e.00	.00
28	---	---	---	---	.00	e.00	e.00	.00	.00	.00	e.00	.00
29	---	---	---	---	.00	e.00	e.00	.00	.00	.00	e.00	.00
30	---	---	---	---	---	e10	e.00	.00	.00	.00	e.00	.00
31	---	---	---	---	---	e5.0	---	.00	---	.00	e.00	---
TOTAL	---	---	---	---	103.87	245.00	0.00	7.10	6.10	0.00	0.00	0.00
MEAN	---	---	---	---	3.58	7.90	.000	.23	.20	.000	.000	.000
MAX	---	---	---	---	40	60	.00	4.1	6.1	.00	.00	.00
MIN	---	---	---	---	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	---	---	---	---	206	486	.00	14	12	.00	.00	.00
†	--	--	--	--	--	--	--	--	.16	.00	--	--

09419674 FLAMINGO WASH AT DECATUR BOULEVARD AT LAS VEGAS, NV--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	e.00	e5.0	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	e.00	e1.0	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	e.00	e.00	4.7	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	e.00	e20	e.40	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	e.00	e5.0	.00	145	.00	.00	.00	.00	.00	.00	.00
9	.00	e.00	e.00	.00	6.7	.00	.00	.00	.00	.00	.00	.00
10	.00	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	e.00	e.00	4.8	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	e.00	e.00	4.4	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	e.00	e.00	12	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	e.00	e.00	4.7	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	e.00	e.00	9.6	.00	.00	.00	.00	.00	.00	.00	.00
19	e.00	e.00	e.00	4.8	5.8	.00	.00	.00	.00	.00	.00	.00
20	e.00	e.00	e.00	.00	4.3	.00	.00	.00	.00	.00	.00	.00
21	e.00	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	e.00	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	e.00	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	e20	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25	e3.0	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	e.00	e.00	e.00	.00	32	.00	.00	.00	.00	.00	.00	.00
27	e.00	e.00	e.00	.00	13	.00	.00	.00	.00	.00	.00	.00
28	e.00	e.00	.00	.00	10	.00	.00	.00	.00	.00	.00	.00
29	e.00	e.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
30	e.00	e.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
31	e.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	23.00	0.00	31.00	45.40	216.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	.74	.000	1.00	1.46	7.74	.000	.000	.000	.000	.000	.000	.000
MAX	20	.00	20	12	145	.00	.00	.00	.00	.00	00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	46	.00	61	90	430	.00	.00	.00	.00	.00	.00	.00
†	--	--	--	1.64	2.96	.16	.00	.00	.08	.00	.12	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1993, BY WATER YEAR (WY)

MEAN	.74	.000	1.00	1.46	5.63	3.95	.000	.11	.10	.000	.000	.000
MAX	.74	.000	1.00	1.46	7.74	7.90	.000	.23	.20	.000	.000	.000
(WY)	1993	1993	1993	1993	1993	1992	1992	1992	1992	1992	1992	1992
MIN	.74	.000	1.00	1.46	3.58	.000	.000	.000	.000	.000	.000	.000
(WY)	1993	1993	1993	1993	1992	1993	1992	1993	1993	1992	1992	1992

SUMMARY STATISTICS	FOR 1993 WATER YEAR			WATER YEARS 1992 - 1993		
ANNUAL TOTAL	316.20					
ANNUAL MEAN	.87			.87		
HIGHEST ANNUAL MEAN				.87		1993
LOWEST ANNUAL MEAN				.87		1993
HIGHEST DAILY MEAN	145	Feb	8	145	Feb	8 1993
LOWEST DAILY MEAN	.00	Oct	1	.00	Feb	1 1992
ANNUAL SEVEN-DAY MINIMUM	.00	Oct	1	.00	Feb	20 1992
INSTANTANEOUS PEAK FLOW	322	Feb	8	322	Feb	8 1993
INSTANTANEOUS PEAK STAGE	11.77	Feb	8	11.77	Feb	8 1993
ANNUAL RUNOFF (AC-FT)	627			628		
10 PERCENT EXCEEDS	.00			.00		
50 PERCENT EXCEEDS	.00			.00		
90 PERCENT EXCEEDS	.00			.00		

LAS VEGAS VALLEY

09419674 FLAMINGO WASH AT DECATUR BOULEVARD AT LAS VEGAS, NV--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	7.7	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.44	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.54	.00	.00	.00	.00	.00	9.0	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.1	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.4	.01	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.12	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.84	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.41	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.14
30	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.00	0.00	8.68	0.84	0.00	0.41	0.00	9.64	9.08	0.14
MEAN	.000	.000	.000	.000	.31	.027	.000	.013	.000	.31	.29	.005
MAX	.00	.00	.00	.00	7.7	.84	.00	.41	.00	7.1	9.0	.14
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	.00	.00	17	1.7	.00	.8	.00	19	18	.3
†	.00	.16	.20	.00	.52	.24	.16	.08	.00	.24	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1994, BY WATER YEAR (WY)

MEAN	.37	.000	.50	.73	3.87	2.64	.000	.081	.068	.10	.098	.002
MAX	.74	.000	1.00	1.46	7.74	7.90	.000	.23	.20	.31	.29	.005
(WY)	1993	1993	1993	1993	1993	1992	1992	1992	1992	1994	1994	1994
MIN	.000	.000	.000	.000	.31	.000	.000	.000	.000	.000	.000	.000
(WY)	1994	1993	1994	1994	1994	1993	1992	1993	1993	1992	1992	1992

SUMMARY STATISTICS	FOR 1993 CALENDAR YEAR		FOR 1994 WATER YEAR		WATER YEARS 1992 - 1994	
ANNUAL TOTAL	262.20		28.79			
ANNUAL MEAN	.72		.079		.47	
HIGHEST ANNUAL MEAN					.87	1993
LOWEST ANNUAL MEAN					.079	1994
HIGHEST DAILY MEAN	145	Feb 8	9.0	Aug 8	145	Feb 8 1993
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Feb 1 1992
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 20	.00	Oct 1	.00	Feb 20 1992
INSTANTANEOUS PEAK FLOW			168	Aug 8	322	Feb 8 1993
INSTANTANEOUS PEAK STAGE			11.16	Aug 8	11.77	Feb 8 1993
ANNUAL RUNOFF (AC-FT)	520		57		342	
10 PERCENT EXCEEDS	.00		.00		.00	
50 PERCENT EXCEEDS	.00		.00		.00	
90 PERCENT EXCEEDS	.00		.00		.00	

LAS VEGAS VALLEY

09419674 FLAMINGO WASH AT DECATUR BOULEVARD AT LAS VEGAS, NV--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	3.3	.00	.00	.00	.00	.52	.00	.00	.00
4	.00	.00	.00	32	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	17	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	13	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.51	.00	.00	.00	.00	.00	.89	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	5.4	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	1.9	.00	.39	.00	.86	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.0	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.7	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	7.4	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.5	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	31	.00
24	.00	.00	.00	12	.00	.00	.00	.00	.00	.00	7.3	.00
25	.00	.00	36	75	.00	.00	.00	.00	.00	.00	1.0	.00
26	.00	.00	.00	6.6	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	14	.00	---	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.02	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	1.90	50.02	165.20	0.00	0.95	0.00	0.00	0.52	0.89	56.90	0.00
MEAN	.000	.063	1.61	5.33	.000	.031	.000	.000	.017	.029	1.84	.000
MAX	.00	1.9	36	75	.00	.86	.00	.00	.52	.89	31	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	3.8	99	328	.00	1.9	.00	.00	1.0	1.8	113	.00
†	.00	.28	1.00	3.32	.12	.44	.00	.36	.00	.00	.20	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1995, BY WATER YEAR (WY)

MEAN	.25	.021	.87	2.26	2.91	1.99	.000	.061	.055	.085	.53	.001
MAX	.74	.063	1.61	5.33	7.74	7.90	.000	.23	.20	.31	1.84	.005
(WY)	1993	1995	1995	1995	1993	1992	1992	1992	1992	1994	1995	1994
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1994	1993	1994	1994	1995	1993	1992	1993	1993	1992	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1992 - 1995	
ANNUAL TOTAL	80.71		276.38			
ANNUAL MEAN	.22		.76		.57	
HIGHEST ANNUAL MEAN					.87	1993
LOWEST ANNUAL MEAN					.079	1994
HIGHEST DAILY MEAN	36	Dec 25	75	Jan 25	145	Feb 8 1993
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Feb 1 1992
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.00	Oct 1	.00	Feb 20 1992
INSTANTANEOUS PEAK FLOW			729	Aug 23	729	Aug 23 1995
INSTANTANEOUS PEAK STAGE			13.85	Aug 23	13.85	Aug 23 1995
ANNUAL RUNOFF (AC-FT)	160		548		411	
10 PERCENT EXCEEDS	.00		.00		.00	
50 PERCENT EXCEEDS	.00		.00		.00	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated
† Precipitation total, in inches

LAS VEGAS VALLEY

094196775 FLAMINGO WASH AT EASTERN AVENUE NEAR LAS VEGAS, NV

LOCATION.--Lat 36°07'23", long 115°07'06", in NE $^1/_4$ SE $^1/_4$ sec.14, T.21 S., R.61 E., Clark County, Hydrologic Unit 15010015, on upstream side of concrete box culvert on Eastern Avenue, and 0.5 mi north of Flamingo Avenue.

DRAINAGE AREA.--108 mi^2, approximately.

PERIOD OF RECORD.--October 1993 to current year.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 1905 ft above sea level, from topographic map. Equivalent record previously published as Flamingo Wash at Maryland Parkway at Las Vegas (09419677) October 1969 to September 1978.

REMARKS.--No estimated daily discharges. Records fair except daily discharges below 10 $ft^3/$ and greater than 600 ft^3/s which are poor. No flow many days most years. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

EXTREMES FOR CURRENT PERIOD.--Water year 1994: Maximum discharge, 1,260 ft^3/s, March 25, gage height 10.56 ft; minimum daily 3.0 ft^3/s. Maximum daily precipitation, 0.60 inches, July 18.

Water year 1995: Maximum discharge, 1,180 ft^3/s, January 25, gage height 11.15 ft; no flow many days. Maximum daily precipitation, 1.04 inches, December 25.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.0	3.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
4	3.0	3.0	3.0	3.0	63	3.0	3.0	3.0	3.0	3.0	3.0	3.0
5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.7	3.0
10	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
11	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
12	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
13	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
14	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
15	3.0	3.0	27	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
16	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
17	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
18	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
19	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.8	3.0	3.0
20	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
21	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
22	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
23	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
24	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
25	3.0	3.0	3.0	3.0	3.0	36	3.0	3.0	3.0	3.0	3.0	3.0
26	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
27	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
28	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
29	3.0	3.0	3.0	3.0	---	3.0	3.0	3.0	3.0	3.0	3.0	3.0
30	3.0	3.0	3.0	3.0	---	3.0	3.0	3.0	3.0	3.0	3.0	3.0
31	3.0	---	3.0	3.0	---	3.0	---	3.0	---	3.0	3.0	---
TOTAL	93.0	90.7	117.0	93.0	144.0	126.0	90.0	93.0	90.0	93.8	93.7	90.0
MEAN	3.00	3.02	3.77	3.00	5.14	4.06	3.00	3.00	3.00	3.03	3.02	3.00
MAX	3.0	3.7	27	3.0	63	36	3.0	3.0	3.0	3.8	3.7	3.0
MIN	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
AC-FT	184	180	232	184	286	250	179	184	179	186	186	179
†	.00	.04	.24	.04	.48	.12	.00	.00	.00	.72	.12	.16

SUMMARY STATISTICS FOR 1994 WATER YEAR

ANNUAL TOTAL	1214.2	
ANNUAL MEAN	3.33	
HIGHEST DAILY MEAN	63	Feb 4
LOWEST DAILY MEAN	3.0	Oct 1
ANNUAL SEVEN-DAY MINIMUM	3.0	Oct 1
INSTANTANEOUS PEAK FLOW	1260	Mar 25
INSTANTANEOUS PEAK STAGE	10.56	Mar 25
ANNUAL RUNOFF (AC-FT)	2410	
10 PERCENT EXCEEDS	3.0	
50 PERCENT EXCEEDS	3.0	
90 PERCENT EXCEEDS	3.0	

LAS VEGAS VALLEY

094196775 FLAMINGO WASH AT EASTERN AVENUE NEAR LAS VEGAS, NV--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.0	3.0	3.0	1.5	3.0	1.5	1.5	.91	.00	.00	.00	3.0
2	3.0	3.0	3.0	1.5	3.0	1.5	1.5	.00	.00	.00	.00	3.0
3	3.0	3.0	3.0	10	2.9	1.5	1.5	.00	.00	.00	.00	3.0
4	3.0	3.0	3.0	147	2.1	1.5	1.5	.00	.00	.00	.00	3.0
5	3.0	3.0	3.0	201	2.0	3.3	1.5	.00	.00	.00	.00	3.0
6	3.0	3.0	3.0	3.0	1.9	16	1.5	.00	.00	.00	.00	3.0
7	3.0	3.0	3.0	115	1.8	1.5	1.5	.00	.00	.00	.00	3.0
8	3.0	3.0	3.0	.00	1.5	1.5	1.5	.00	.00	.00	.00	3.0
9	3.0	3.0	3.0	.00	1.5	1.5	1.6	.00	.00	.00	.00	3.0
10	3.0	3.0	3.0	64	1.5	1.5	1.5	.00	.00	.00	.00	3.0
11	3.0	4.3	3.0	.00	1.5	28	1.5	.00	.00	.00	.00	3.0
12	3.0	14	3.0	.00	1.5	1.5	1.5	.00	.00	.00	.00	3.0
13	3.0	3.0	3.0	.00	1.5	1.5	1.5	.00	.00	.00	.00	3.0
14	3.0	3.0	3.0	.00	1.5	1.5	1.5	.00	.00	.00	.00	3.0
15	3.0	3.0	3.0	.00	1.5	1.5	1.5	.00	.00	.00	.00	2.9
16	3.0	3.0	3.0	.00	1.5	1.5	1.5	.00	.00	.00	.00	3.0
17	3.0	3.0	3.0	.00	1.5	1.5	1.5	.00	.00	.00	.00	2.9
18	3.0	3.0	3.0	.00	1.5	1.5	1.5	.00	.00	.00	.00	2.5
19	3.0	3.0	3.0	.00	1.5	1.5	1.5	.00	.00	.00	.00	2.5
20	3.0	3.0	3.0	.00	1.5	1.5	2.6	.00	.00	.00	.00	2.6
21	3.0	3.0	3.0	.00	1.5	1.5	1.5	.00	.00	.00	.00	2.8
22	3.0	3.0	3.0	.00	1.5	1.5	1.5	.00	.00	.00	.00	2.2
23	3.0	3.0	3.0	.00	1.5	1.5	1.5	.00	.00	.00	48	2.4
24	3.0	3.0	3.0	33	1.5	1.5	1.5	64	.00	.00	2.7	2.5
25	3.0	3.0	261	275	1.5	1.5	1.5	.00	.00	.00	3.0	2.5
26	3.0	3.0	1.6	75	1.5	1.5	1.5	.00	.00	.00	3.0	2.9
27	3.0	3.0	1.5	3.0	1.5	1.5	1.5	.00	.00	.00	3.0	2.3
28	3.0	3.0	1.5	3.0	3.5	1.5	1.5	.00	.00	.00	3.0	2.8
29	3.0	3.0	36	3.0	---	1.5	1.5	.00	.00	.00	3.0	2.0
30	3.0	3.0	1.7	3.0	---	1.5	1.5	.00	.00	.00	3.0	2.0
31	3.0	---	1.5	3.0	---	1.5	---	.00	---	.00	3.0	---
TOTAL	93.0	102.3	376.8	941.00	50.2	89.3	46.2	64.91	0.00	0.00	71.70	82.8
MEAN	3.00	3.41	12.2	30.4	1.79	2.88	1.54	2.09	.000	.000	2.31	2.76
MAX	3.0	14	261	275	3.5	28	2.6	64	.00	.00	48	3.0
MIN	3.0	3.0	1.5	.00	1.5	1.5	1.5	.00	.00	.00	.00	2.0
AC-FT	184	203	747	1870	100	177	92	129	.00	.00	142	164
†	.00	.31	1.60	3.32	.04	.52	.00	.48	.00	.00	.04	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1995, BY WATER YEAR (WY)

MEAN	3.00	3.22	7.96	16.7	3.47	3.47	2.27	2.55	1.50	1.51	2.67	2.88
MAX	3.00	3.41	12.2	30.4	5.14	4.06	3.00	3.00	3.00	3.03	3.02	3.00
(WY)	1994	1995	1995	1995	1994	1994	1994	1994	1994	1994	1994	1994
MIN	3.00	3.02	3.77	3.00	1.79	2.88	1.54	2.09	.000	.000	2.31	2.76
(WY)	1994	1994	1994	1994	1995	1995	1995	1995	1995	1995	1995	1995

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1994 - 1995	
ANNUAL TOTAL	1485.6		1918.21			
ANNUAL MEAN	4.07		5.26		4.29	
HIGHEST ANNUAL MEAN					5.26	1995
LOWEST ANNUAL MEAN					3.33	1994
HIGHEST DAILY MEAN	261	Dec 25	275	Jan 25	275	Jan 25 1995
LOWEST DAILY MEAN	1.5	Dec 27	.00	Jan 8	.00	Jan 8 1995
ANNUAL SEVEN-DAY MINIMUM	3.0	Jan 1	.00	Jan 11	.00	Jan 11 1995
INSTANTANEOUS PEAK FLOW			1180	Jan 25	1260	Mar 25 1994
INSTANTANEOUS PEAK STAGE			11.15	Jan 25	11.15	Jan 25 1995
ANNUAL RUNOFF (AC-FT)	2950		3800		3110	
10 PERCENT EXCEEDS	3.0		3.0		3.0	
50 PERCENT EXCEEDS	3.0		1.5		3.0	
90 PERCENT EXCEEDS	3.0		.00		.00	

† Precipitation total, in inches

LAS VEGAS VALLEY

094196781 FLAMINGO WASH AT NELLIS BOULEVARD NEAR LAS VEGAS, NV

LOCATION.--Lat 36°08'32", long 115°03'23", in NE $^1/_4$ NE $^1/_4$ sec.8, T.21 S., R.62 E., Clark County, Hydrologic Unit 15010015, on west side of concrete box culvert on Nellis Boulevard, and 0.25 mi north of Sahara Avenue .

DRAINAGE AREA.--215 mi^2.

PERIOD OF RECORD.--March 1988 to current year.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 1,730 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records fair. Rating curve extended above 535 ft^3/s on basis of slope-area measurements at gage heights 14.42 ft and 15.90 ft. Maximum daily precipitation for period of record, 1.52 inches, June 10, 1990 and February 8, 1993; current year, 0.88 inches, December 25. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.4	6.7	8.0	6.0	27	30	24	19	13	7.6	8.0	9.3
2	6.6	6.6	8.0	6.3	27	29	24	19	11	7.7	8.0	8.9
3	6.6	6.6	8.0	74	27	29	24	19	11	7.7	8.0	9.1
4	6.4	6.6	8.0	246	27	29	24	19	11	7.7	8.0	9.4
5	6.2	6.8	8.0	180	27	29	24	19	9.4	7.7	8.0	9.2
6	6.2	6.9	8.0	3.7	27	34	24	19	7.5	7.7	8.0	8.9
7	5.7	7.3	8.0	2.6	27	29	22	19	7.3	7.7	8.0	8.6
8	5.7	6.8	8.0	3.1	27	29	22	18	7.4	7.7	8.0	8.6
9	5.5	7.1	8.0	3.1	27	29	22	17	7.5	7.7	8.6	8.4
10	5.7	7.4	8.0	3.1	27	29	22	17	7.5	7.6	8.1	8.4
11	5.7	17	8.0	15	26	30	22	17	7.6	7.7	8.0	8.4
12	5.7	19	8.0	18	26	29	22	17	7.6	7.6	14	8.4
13	6.2	8.1	8.0	18	25	29	22	17	7.6	7.6	7.7	8.4
14	6.5	8.0	7.9	17	32	29	22	17	7.6	7.7	7.5	8.4
15	6.5	8.0	8.0	16	28	29	22	17	7.5	7.7	7.5	8.3
16	6.1	8.0	8.0	15	27	28	22	17	7.3	7.7	7.4	8.2
17	6.5	8.0	8.0	16	27	27	22	17	7.5	7.8	7.4	8.0
18	6.8	8.0	8.0	15	27	27	21	17	7.5	7.9	7.5	8.0
19	6.2	7.9	8.5	15	27	27	21	16	7.5	8.0	7.5	8.0
20	6.0	8.0	8.0	18	27	27	21	16	7.6	7.9	7.4	8.1
21	6.0	8.0	8.0	22	26	27	21	16	7.6	7.8	7.5	8.0
22	6.0	8.0	8.0	23	26	27	21	16	7.6	7.9	11	8.0
23	6.0	8.0	7.8	21	27	27	21	16	7.7	7.8	33	8.0
24	5.9	8.0	10	127	26	27	21	48	7.6	7.9	16	8.0
25	5.9	7.8	282	324	24	27	21	16	7.7	7.9	13	8.0
26	6.1	7.8	29	83	24	27	21	16	7.7	7.9	9.6	8.0
27	6.2	8.0	12	29	24	25	21	16	7.7	7.9	9.6	8.0
28	6.2	7.9	17	27	42	24	19	16	7.7	7.9	9.6	8.0
29	6.0	7.7	90	27	---	24	19	16	7.7	8.0	9.3	8.0
30	6.4	7.7	24	27	---	24	19	14	7.6	8.0	9.3	8.0
31	6.6	---	6.4	27	---	24	---	13	---	8.0	9.1	---
TOTAL	190.5	247.7	654.6	1427.9	761	861	653	556	244.5	241.4	299.6	251.0
MEAN	6.15	8.26	21.1	46.1	27.2	27.8	21.8	17.9	8.15	7.79	9.66	8.37
MAX	6.8	19	282	324	42	34	24	48	13	8.0	33	9.4
MIN	5.5	6.6	6.4	2.6	24	24	19	13	7.3	7.6	7.4	8.0
AC-FT	378	491	1300	2830	1510	1710	1300	1100	485	479	594	498
†	.00	.27	1.28	2.64	.16	.48	.08	.32	.00	.00	.04	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 1995, BY WATER YEAR (WY)

MEAN	6.66	6.36	9.87	14.1	13.8	12.3	7.16	6.67	6.02	6.67	6.90	6.34
MAX	13.7	8.26	21.1	46.1	32.4	38.7	21.8	17.9	12.7	11.9	10.7	8.37
(WY)	1993	1995	1995	1995	1993	1992	1995	1995	1990	1990	1989	1995
MIN	3.56	4.58	4.30	4.53	3.46	.000	.80	.000	.000	.000	.68	.000
(WY)	1992	1990	1991	1991	1991	1988	1988	1988	1988	1988	1988	1988

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1988 - 1995	
ANNUAL TOTAL	2816.3		6388.2			
ANNUAL MEAN	7.72		17.5		9.16	
HIGHEST ANNUAL MEAN					17.5	1995
LOWEST ANNUAL MEAN					5.57	1991
HIGHEST DAILY MEAN	282	Dec 25	324	Jan 25	404	Feb 8 1993
LOWEST DAILY MEAN	3.5	Jun 15	2.6	Jan 7	.00	Mar 1 1988
ANNUAL SEVEN-DAY MINIMUM	3.8	Jun 11	5.7	Oct 6	.00	Mar 1 1988
INSTANTANEOUS PEAK FLOW			1010	Jan 25	4100	Jun 10 1990
INSTANTANEOUS PEAK STAGE			12.24	Jan 25	15.90	Jun 10 1990
ANNUAL RUNOFF (AC-FT)	5590		12670		6640	
10 PERCENT EXCEEDS	8.0		27		12	
50 PERCENT EXCEEDS	5.8		8.4		5.6	
90 PERCENT EXCEEDS	4.5		6.6		2.9	

† Precipitation total, in inches

LAS VEGAS VALLEY

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV

LOCATION.--Lat 36°08'23", long 115°02'49", in SE $^1/_4$ NE $^1/_4$ sec.9, T.21 S., R.62 E., Clark County, Hydrologic Unit 15010015, about 300 ft downstream from Flamingo Wash confluence, 0.2 mi north of Vegas Valley Drive, and 0.3 mi south of Sahara Avenue.

DRAINAGE AREA.--1,360 mi^2, approximately.

PERIOD OF RECORD.--April 1993 to current year.

REMARKS.--In April 1993, station was incorporated into the National Water-Quality Assessment Program with goals to describe the status and trends of water-quality conditions for a large, diverse, and geographically distributed part of the Nation's ground- and surface-water resources.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
NOV												
02...	1005	7.5	4240	8.2	19.5	15.5	710	8.9	97	1900	1700	350
DEC												
06...	1005	9.3	4120	8.1	16.5	11.5	--	--	--	2000	1700	360
JAN												
03...	1710	30	1890	7.8	--	--	--	--	--	800	690	170
03...	2040	482	540	8.1	8.5	8.5	720	10.5	95	200	--	50
04...	0150	204	672	7.7	--	--	--	--	--	260	190	61
04...	2310	1210	346	8.1	--	--	--	--	--	130	94	42
05...	0720	561	392	7.9	--	--	--	--	--	160	110	46
05...	1720	67	894	8.0	7.0	8.5	715	10.8	99	370	290	87
07...	0940	29	2850	8.1	--	--	--	--	--	1300	1200	270
07...	1400	440	376	7.8	--	9.0	720	10.9	100	140	100	42
10...	1440	23	2480	8.1	--	--	--	--	--	1100	970	230
10...	2100	756	315	8.1	--	--	--	--	--	130	85	40
11...	0300	203	459	7.9	--	--	--	--	--	180	130	48
24...	0610	48	1800	7.9	--	--	--	--	--	780	700	190
24...	1010	805	394	7.6	--	--	--	--	--	140	100	43
25...	0810	130	1180	7.9	--	--	--	--	--	460	380	100
25...	1540	1330	320	8.5	--	10.5	715	10.1	97	120	83	40
25...	2010	1760	437	8.1	--	--	--	--	--	190	150	65
26...	0030	615	458	8.0	--	--	--	--	--	200	150	64
FEB												
21...	0915	29	4400	8.2	26.0	15.0	720	10.2	109	2100	1800	380
MAR												
11...	0550	41	1590	7.7	--	--	--	--	--	650	570	150
11...	1020	270	618	8.0	--	--	--	--	--	230	170	56
11...	1430	239	546	8.0	2.0	15.5	710	8.9	96	200	140	51

DATE	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)
NOV												
02...	250	300	3	37	254	208	2000	280	0.60	39	3760	3400
DEC												
06...	260	310	3	7.5	279	229	2200	300	0.60	38	3870	3630
JAN												
03...	90	120	2	15	134	110	820	110	0.30	16	1540	1420
03...	19	28	0.9	5.7	--	--	170	26	0.20	5.8	369	375
04...	26	36	1	6.1	87	72	200	32	0.20	7.8	441	418
04...	6.8	10	0.4	3.4	47	39	99	8.2	<0.10	3.6	215	199
05...	10	16	0.6	3.9	56	46	120	13	<0.10	4.2	257	244
05...	36	49	1	7.1	--	74	300	42	0.10	9.1	615	585
07...	160	200	2	21	162	133	1300	180	0.40	27	2430	2260
07...	9.7	18	0.7	3.3	55	45	110	17	<0.10	4.2	237	234
10...	130	170	2	21	169	138	1100	150	0.40	24	2090	1930
10...	6.6	10	0.4	3.0	51	42	88	8.9	<0.10	4.4	202	189
11...	15	21	0.7	4.4	69	57	130	15	<0.10	6.3	287	277
24...	75	95	1	14	98	80	750	85	0.30	14	1390	1270
24...	9.0	13	0.5	3.5	49	40	110	11	0.10	3.9	244	218
25...	52	65	1	10	106	87	430	59	0.20	13	860	781
25...	5.8	8.7	0.3	3.1	50	41	84	6.7	<0.10	3.5	193	176
25...	6.9	8.6	0.3	3.7	50	41	160	6.5	0.10	3.6	297	279
26...	9.6	12	0.4	4.2	65	54	150	9.9	0.10	4.4	248	286
FEB												
21...	270	320	3	38	265	217	2100	290	0.60	39	4000	3590
MAR												
11...	68	96	2	13	104	85	640	78	0.30	13	1240	1120
11...	22	33	0.9	7.1	77	63	190	28	0.20	7.3	433	387
11...	18	28	0.9	6.1	71	58	160	21	0.20	7.4	370	331

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)
NOV											
02...	76.1	5.11	0.030	5.10	0.170	0.50	0.60	0.030	0.030	0.030	6
DEC											
06...	97.2	5.26	0.030	4.80	0.030	0.30	0.30	0.050	0.040	0.020	3
JAN											
03...	125	2.09	0.120	2.60	0.330	4.1	1.1	1.40	0.100	0.100	<1
03...	480	0.50	0.110	0.960	0.390	2.4	1.1	0.650	0.140	0.120	8
04...	243	0.60	0.090	1.20	0.030	0.40	0.50	0.030	0.120	0.100	2
04...	702	0.29	0.030	0.490	0.120	1.9	0.40	0.930	0.090	0.080	7
05...	389	0.35	0.020	0.660	0.080	1.8	<0.20	0.570	0.090	0.080	10
05...	111	0.84	0.020	1.10	0.070	0.60	0.20	0.220	0.090	0.100	4
07...	190	3.30	0.080	4.00	0.100	2.0	0.50	0.570	0.060	0.050	3
07...	282	0.32	0.050	0.600	0.160	1.5	0.40	0.710	0.090	0.080	10
10...	130	2.84	0.140	3.60	0.200	1.1	0.90	0.150	0.080	0.070	4
10...	412	0.27	0.060	0.570	0.150	1.6	0.40	0.650	0.090	0.090	10
11...	157	0.39	0.040	0.600	0.070	1.1	0.30	0.270	0.070	0.070	9
24...	180	1.89	--	--	--	--	--	--	--	--	2
24...	530	0.33	--	--	--	--	--	--	--	--	20
25...	302	1.17	--	--	--	--	--	--	--	--	3
25...	693	0.26	--	--	--	--	--	--	--	--	20
25...	1410	0.40	--	--	--	--	--	--	--	--	4
26...	412	0.34	--	--	--	--	--	--	--	--	40
FEB											
21...	313	5.44	0.040	5.60	0.020	0.50	0.20	0.050	<0.010	<0.010	7
MAR											
11...	137	1.69	0.090	2.20	0.190	3.3	1.1	0.880	0.170	0.130	3
11...	316	0.59	0.070	1.10	0.130	2.6	0.90	0.990	0.170	0.140	5
11...	239	0.50	0.060	0.840	0.080	0.60	0.70	0.150	0.140	0.120	6

DATE	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)
NOV											
02...	<2	6	32	<2	<2.0	<2	<2	8	<3	<2	12
DEC											
06...	<2	7	26	<2	<2.0	2	<2	10	<9	3	10
JAN											
03...	<1	3	32	<1	<1.0	2	<1	6	<3	<1	26
03...	1	2	27	<1	2.0	5	<1	5	11	<1	9
04...	<1	2	37	<1	<1.0	2	<1	6	6	<1	6
04...	<1	1	24	<1	<1.0	2	<1	3	4	<1	3
05...	<1	<2	25	<1	<1.0	1	<1	3	3	<1	3
05...	<1	2	35	<1	11	9	<1	8	4	<1	7
07...	<2	4	44	<2	<2.0	3	3	12	12	<2	16
07...	<1	1	23	<1	1.0	3	<1	3	6	<1	6
10...	<2	4	40	<2	<2.0	4	2	13	<9	<2	22
10...	<1	1	20	<1	<1.0	2	<1	3	9	<1	5
11...	<1	2	28	<1	<1.0	3	<1	3	<3	<1	3
24...	<1	4	30	<1	<1.0	2	1	7	<3	<1	20
24...	<1	2	19	<1	<1.0	2	<1	3	10	<1	5
25...	<1	3	36	<1	1.0	4	<1	9	6	<1	7
25...	<1	2	25	<1	<1.0	2	<1	2	8	<1	4
25...	<1	<1	36	<1	<1.0	2	<1	3	3	<1	7
26...	<1	2	55	<1	<1.0	4	<1	4	5	<1	4
FEB											
21...	<2	6	29	<2	<2.0	<2	<2	12	<9	<2	17
MAR											
11...	<1	4	25	<1	<1.0	1	1	6	7	<1	59
11...	<1	3	26	<1	<1.0	1	<1	4	9	<1	19
11...	<1	3	29	<1	1.0	3	<1	4	6	<1	11

LAS VEGAS VALLEY

094196783 LAS VEGAS WASH BELOW FLAMINGO WASH CONFLUENCE NEAR LAS VEGAS, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C) (00689)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
NOV											
02...	21	12	18	<2.0	12	25	3.3	0.40	56	1.1	43
DEC											
06...	22	14	20	<2.0	13	26	22	0.50	46	1.2	38
JAN											
03...	10	10	8	<1.0	9	10	--	--	3400	275	98
03...	6	6	1	<1.0	7	2.0	18	>5.0	2000	2600	55
04...	5	9	2	<1.0	7	2.0	--	--	381	210	99
04...	3	5	1	<1.0	2	1.0	--	--	2640	8620	73
05...	3	6	1	<1.0	10	1.0	--	--	971	1470	92
05...	6	11	3	<1.0	6	4.0	3.6	1.1	287	52	86
07...	16	38	13	<2.0	16	15	--	--	1010	79	98
07...	3	5	1	<1.0	3	1.0	--	--	2040	2420	60
10...	6	30	12	<2.0	7	14	--	--	1470	91	98
10...	3	7	1	<1.0	3	1.0	--	--	12500	25500	13
11...	3	6	1	<1.0	6	1.0	--	--	771	423	60
24...	11	20	6	<1.0	9	8.0	--	--	3390	439	98
24...	3	5	1	<1.0	3	1.0	--	--	4180	9090	40
25...	8	11	4	<1.0	8	6.0	--	--	408	143	96
25...	3	6	<1	<1.0	2	1.0	4.9	>17	3600	12900	56
25...	3	9	1	<1.0	2	1.0	--	--	7040	33500	55
26...	3	13	1	<1.0	5	2.0	--	--	2130	3540	91
FEB											
21...	14	11	22	<2.0	13	28	2.8	0.70	58	4.5	63
MAR											
11...	10	8	6	<1.0	10	8.0	--	--	3300	365	96
11...	6	5	2	<1.0	8	3.0	--	--	1310	955	96
11...	4	3	2	<1.0	4	2.0	12	7.3	1130	729	82

LAS VEGAS VALLEY

09419679 LAS VEGAS WASTEWAY NEAR EAST LAS VEGAS, NV

LOCATION.--Lat 36°06'22", long 115°01'07", in NW $^1/_4$ SE $^1/_4$ sec.23, T.21 S., R.62 E., Clark County, Hydrologic Unit 15010015, on left bank, 500 ft west of Hollywood Boulevard, and 1.5 mi northeast of East Las Vegas Civic Center.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--May 1979 to September 1983, November 1983 to May 1984, and September 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,650 ft above sea level, from topographic map. Prior to May 9, 1991, at site 500 ft downstream at datum 10.0 ft lower. Prior to April 7, 1986, at site 450 ft downstream at datum 8.8 ft lower.

REMARKS.--Records good except for estimated daily discharges, which are fair. Flow regulated by sewage treatment plant. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e212	198	205	198	199	190	178	199	202	183	197	194
2	e210	194	196	205	202	184	177	202	202	183	191	193
3	e205	195	195	174	192	192	180	174	201	184	186	194
4	e202	194	194	294	195	188	180	197	198	186	189	195
5	e199	196	194	402	195	193	184	196	197	185	193	192
6	196	196	192	210	197	220	179	192	187	184	189	189
7	200	193	195	296	198	187	181	196	187	181	193	187
8	203	188	195	245	199	190	185	197	193	182	192	178
9	206	190	190	205	185	191	180	196	193	181	192	183
10	198	191	183	270	197	189	187	192	184	186	190	191
11	203	199	187	291	194	285	186	183	184	184	192	191
12	203	265	193	212	203	190	185	180	192	184	197	190
13	201	201	191	195	205	183	190	190	190	183	211	184
14	197	194	192	196	194	186	190	181	193	187	195	186
15	199	200	193	208	194	189	192	188	178	185	194	182
16	201	199	187	219	191	185	190	194	180	187	192	186
17	195	199	192	206	195	173	193	196	189	189	190	187
18	197	197	190	194	195	178	192	203	192	187	190	185
19	197	200	193	198	203	189	190	201	186	187	198	187
20	198	196	199	196	200	189	194	199	180	191	199	190
21	195	191	173	204	194	190	194	203	179	193	203	194
22	200	195	196	206	187	184	194	201	179	194	199	192
23	202	169	201	206	194	174	194	203	183	189	248	191
24	204	207	214	328	188	175	196	254	180	190	207	193
25	204	205	403	366	188	182	198	186	179	193	191	194
26	202	207	219	298	195	185	198	204	185	190	187	181
27	203	211	200	201	194	186	188	197	184	193	185	187
28	200	160	195	199	203	184	182	196	185	189	190	189
29	197	172	277	199	---	183	188	201	189	189	184	186
30	197	208	223	200	---	179	192	201	185	190	191	185
31	199	---	199	196	---	175	---	199	---	194	190	---
TOTAL	6225	5910	6356	7217	5476	5868	5637	6101	5636	5803	6045	5656
MEAN	201	197	205	233	196	189	188	197	188	187	195	189
MAX	212	265	403	402	205	285	198	254	202	194	248	195
MIN	195	160	173	174	185	173	177	174	178	181	184	178
AC-FT	12350	11720	12610	14310	10860	11640	11180	12100	11180	11510	11990	11220

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 1995, BY WATER YEAR (WY)

MEAN	133	133	130	137	136	136	131	127	128	130	136	136
MAX	201	197	205	233	196	189	188	197	188	194	197	189
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1995	1994	1994	1995
MIN	79.0	83.2	85.5	91.7	94.7	86.4	80.8	79.1	70.3	73.3	66.8	75.0
(WY)	1980	1980	1980	1982	1981	1980	1981	1979	1979	1979	1979	1979

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1979 - 1995	
ANNUAL TOTAL	68713		71930			
ANNUAL MEAN	188		197		135	
HIGHEST ANNUAL MEAN					197	1995
LOWEST ANNUAL MEAN					87.3	1981
HIGHEST DAILY MEAN	403	Dec 25	403	Dec 25	403	Dec 25 1994
LOWEST DAILY MEAN	156	Apr 13	160	Nov 28	45	Aug 22 1979
ANNUAL SEVEN-DAY MINIMUM	167	Apr 21	179	Mar 29	50	Aug 19 1979
INSTANTANEOUS PEAK FLOW			499	Jan 25	734	Jul 2 1980
INSTANTANEOUS PEAK STAGE			5.20	Jan 25	6.64	Aug 17 1989
ANNUAL RUNOFF (AC-FT)	136300		142700		97860	
10 PERCENT EXCEEDS	201		205		185	
50 PERCENT EXCEEDS	185		193		124	
90 PERCENT EXCEEDS	173		183		86	

e Estimated

LAS VEGAS VALLEY

09419695 PITTMAN WASH AT WIGWAM PARKWAY NEAR HENDERSON, NV

LOCATION.--Lat 36°02'09", long 115°06'49", in SW $^1/_4$ NE $^1/_4$ sec.13, T.22 S., R.61 E., Clark County, Hydrologic Unit 15010015, on upstream side of concrete box culvert on Wigwam Parkway, and 1.0 mi east of Eastern Avenue.

DRAINAGE AREA.--Not Determined.

PERIOD OF RECORD.--October 1988 to current year. Records prior to October 1994 not published but are available in files of USGS.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 2,060 ft above sea level, from topographic map.

REMARKS.--Records poor. No flow most days most years. Flow below 1.0 ft^3/s not recorded. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

EXTREMES FOR CURRENT PERIOD.--Water year 1994: Maximum discharge, 13.0 ft^3/s, September 5, gage height 10.18 ft; no flow most days. Maximum daily precipitation recorded, 0.36 inches, September 5.

Water year 1995: No flow recorded. Maximum daily precipitation recorded, 0.84 inches, January 4.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	e.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	e.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	e.00
29	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	e.00
30	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	e.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
MEAN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.005
MAX	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.3
†	.00	.19	.16	.00	.32	.04	.00	.00	.00	.00	.12	--

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 1994, BY WATER YEAR (WY)

MEAN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.15	.000	.002
MAX	.000	.000	.000	.000	.000	.000	.000	.000	.000	.30	.000	.005
(WY)	1994	1994	1994	1994	1988	1988	1988	1988	1988	1988	1988	1994
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1994	1994	1994	1994	1988	1988	1988	1988	1988	1994	1988	1988

SUMMARY STATISTICS	FOR 1994 WATER YEAR			WATER YEARS 1988 - 1994	
ANNUAL TOTAL	0.14				
ANNUAL MEAN	.000			.000	
HIGHEST ANNUAL MEAN				.000	1994
LOWEST ANNUAL MEAN				.000	1994
HIGHEST DAILY MEAN	.14	Sep	5	9.4	Jul 30 1988
LOWEST DAILY MEAN	.00	Oct	1	.00	Jan 23 1988
ANNUAL SEVEN-DAY MINIMUM	.00	Oct	1	.00	Jan 23 1988
INSTANTANEOUS PEAK FLOW	13	Sep	5	230	Jun 10 1990
INSTANTANEOUS PEAK STAGE	10.18	Sep	5	11.28	Jun 10 1990
ANNUAL RUNOFF (AC-FT)	.3			.3	
10 PERCENT EXCEEDS	.00			.00	
50 PERCENT EXCEEDS	.00			.00	
90 PERCENT EXCEEDS	.00			.00	

LAS VEGAS VALLEY

09419695 PITTMAN WASH AT WIGWAM PARKWAY NEAR HENDERSON, NV--Continued

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e.00	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	e.00	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
12	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
21	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	e.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	e.00	e.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
30	e.00	e.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
31	e.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
MAX	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
†	--	--	.00	3.00	.04	.44	.08	.24	.04	.00	.20	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 1995, BY WATER YEAR (WY)

MEAN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.10	.000	.002
MAX	.000	.000	.000	.000	.000	.000	.000	.000	.000	.30	.000	.005
(WY)	1994	1994	1994	1994	1988	1988	1988	1988	1988	1988	1988	1994
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1994	1994	1994	1994	1988	1988	1988	1988	1988	1994	1988	1988

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1988 - 1995	
ANNUAL TOTAL	0.14					
ANNUAL MEAN	.000				.000	
HIGHEST ANNUAL MEAN					.000	1994
LOWEST ANNUAL MEAN					.000	1995
HIGHEST DAILY MEAN	.14	Sep 5			9.4	Jul 30 1988
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Jan 23 1988
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.00	Oct 1	.00	Jan 23 1988
INSTANTANEOUS PEAK FLOW					230	Jun 10 1990
INSTANTANEOUS PEAK STAGE					11.28	Jun 10 1990
ANNUAL RUNOFF (AC-FT)	.3				.1	
10 PERCENT EXCEEDS	.00		.00		.00	
50 PERCENT EXCEEDS	.00		.00		.00	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated
† Precipitation total, in inches

LAS VEGAS VALLEY

09419740 C-1 CHANNEL NEAR WARM SPRINGS ROAD AT HENDERSON, NV

LOCATION (REVISED).--Lat 36°02'35", long 114°57'35" in SE $^1/_4$ SE $^1/_4$ sec.8, T.22 S., R.63 E., Clark County, Hydrologic Unit 15010015, on left bank, 0.3 mi south of Warm Springs Road, and 0.8 mi east of Lake Mead Drive.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--October 1990 to September 1994 (published as "at Warm Springs Road near Henderson"), May to September 1995.

GAGE.--Water-stage recorder. Elevation of gage is 1,870 ft above sea level, from topographic map. Prior to May 24, 1995, water-stage recorder at site 0.3 mi downstream at different datum.

REMARKS.--Records poor. No flow most days, most years. Maximum daily precipitation for period of record, 1.8 in., February 8, 1993. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

EXTREMES FOR CURRENT YEAR.--Maximum discharge during period May to September, 0.72 ft^3/s, August 22, gage height 1.17 ft; no flow most days. Maximum daily precipitation recorded, 0.11 inches, August 20.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	.00	.00	.00	.00
2	---	---	---	---	---	---	---	---	.00	.00	.00	.00
3	---	---	---	---	---	---	---	---	.00	.00	.00	.00
4	---	---	---	---	---	---	---	---	.00	.00	.00	.00
5	---	---	---	---	---	---	---	---	.00	.00	.00	.00
6	---	---	---	---	---	---	---	---	.00	.00	.00	.00
7	---	---	---	---	---	---	---	---	.00	.00	.00	.00
8	---	---	---	---	---	---	---	---	.00	.00	.00	.00
9	---	---	---	---	---	---	---	---	.00	.00	.00	.00
10	---	---	---	---	---	---	---	---	.00	.00	.00	.00
11	---	---	---	---	---	---	---	---	.00	.00	.00	.00
12	---	---	---	---	---	---	---	---	.00	.00	.00	.00
13	---	---	---	---	---	---	---	---	.00	.00	.00	.00
14	---	---	---	---	---	---	---	---	.00	.00	.00	.00
15	---	---	---	---	---	---	---	---	.00	.00	.00	.00
16	---	---	---	---	---	---	---	---	.00	.00	.00	.00
17	---	---	---	---	---	---	---	---	.00	.00	.00	.00
18	---	---	---	---	---	---	---	---	.00	.00	.00	.00
19	---	---	---	---	---	---	---	---	.00	.00	.00	.00
20	---	---	---	---	---	---	---	---	.00	.00	.00	.00
21	---	---	---	---	---	---	---	---	.00	.00	.00	.00
22	---	---	---	---	---	---	---	---	.00	.00	.02	.00
23	---	---	---	---	---	---	---	---	.00	.00	.00	.00
24	---	---	---	---	---	---	---	---	.00	.00	.00	.00
25	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
26	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
27	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
28	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
29	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
30	---	---	---	---	---	---	---	.00	.00	.00	.00	.00
31	---	---	---	---	---	---	---	.00	---	.00	.00	---
TOTAL	---	---	---	---	---	---	---	---	0.00	0.00	0.02	0.00
MEAN	---	---	---	---	---	---	---	---	.000	.000	.001	.000
MAX	---	---	---	---	---	---	---	---	.00	.00	.02	.00
MIN	---	---	---	---	---	---	---	---	.00	.00	.00	.00
AC-FT	---	---	---	---	---	---	---	---	.00	.00	.04	.00
†	--	--	--	--	--	--	--	--	.00	.00	.15	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1995, BY WATER YEAR (WY)

MEAN	.064	.005	.071	.19	.52	2.12	.000	.000	.004	.000	.26	.001
MAX	.25	.008	.22	.55	1.35	8.24	.000	.000	.015	.001	1.29	.003
(WY)	1993	1993	1993	1993	1993	1992	1991	1991	1991	1994	1992	1991
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1991	1991	1992	1994	1994	1994	1991	1991	1992	1991	1994	1992

SUMMARY STATISTICS	WATER YEARS 1990 - 1995		
ANNUAL MEAN	.28		
HIGHEST ANNUAL MEAN	.87		1992
LOWEST ANNUAL MEAN	.000		1994
HIGHEST DAILY MEAN	225	Mar 30	1992
LOWEST DAILY MEAN	.00	Oct 1	1990
ANNUAL SEVEN-DAY MINIMUM	.00	Oct 1	1990
INSTANTANEOUS PEAK FLOW	1200	Mar 30	1992
INSTANTANEOUS PEAK STAGE	4.96	Mar 30	1992
ANNUAL RUNOFF (AC-FT)	200		
10 PERCENT EXCEEDS	.00		
50 PERCENT EXCEEDS	.00		
90 PERCENT EXCEEDS	.00		

† Precipitation total, in inches

LAS VEGAS VALLEY

09419753 LAS VEGAS WASH ABOVE THREE KIDS WASH BELOW HENDERSON, NV

LOCATION.--Lat 36°05'53", long 114°56'42", in NW $^1/_4$ NE $^1/_4$ sec.28, T.21 S., R.63 E., Clark County, Hydrologic Unit 15010015, in Lake Mead National Recreation Area, on right bank, 0.1 mi upstream from Three Kids Wash, 2.7 mi southwest of Northshore Road Bridge, and 3.0 mi northeast of Henderson.

DRAINAGE AREA.--2,180 mi^2, approximately.

PERIOD OF RECORD.--May 1988 to current year.

GAGE.--Water-stage recorder and recording tipping bucket rain gage with 0.04 inch increment. Elevation of gage is 1,460 ft above sea level, from topographic map.

REMARKS.--Records poor. Maximum daily precipitation since December 1990, 1.72 in., February 8, 1993; current year, 0.68 in., January 4, See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	198	189	211	281	e185	188	165	170	172	189	e206	210
2	195	187	200	289	e198	169	164	175	168	191	e202	207
3	189	184	197	297	e198	175	170	147	165	190	e206	207
4	182	184	194	e275	e185	175	168	167	167	195	e203	206
5	177	186	199	e900	e185	188	e169	172	167	201	e202	207
6	174	188	190	e350	e192	219	e170	167	156	195	e201	200
7	176	188	196	e340	e198	193	170	169	154	195	e203	192
8	179	182	197	e330	e185	183	168	169	159	194	e203	182
9	181	185	189	251	e192	187	167	162	168	194	e203	175
10	175	191	185	260	e185	188	171	162	161	193	e202	195
11	178	191	186	e260	e226	277	168	158	158	205	e200	196
12	179	256	197	261	e242	201	170	147	171	195	e201	196
13	177	203	198	231	e226	178	172	152	173	198	e203	184
14	177	197	195	225	e200	171	173	153	178	196	e206	188
15	176	200	195	240	e212	173	163	157	157	193	e204	181
16	179	202	194	249	193	166	173	166	168	192	e203	185
17	175	202	194	233	200	161	178	168	172	194	e203	188
18	176	198	193	215	202	162	176	181	179	192	e202	185
19	176	199	195	221	205	176	174	184	177	187	e202	187
20	169	199	195	220	202	180	177	184	167	195	e202	193
21	175	200	164	223	199	183	178	187	165	205	e204	199
22	177	196	191	233	197	179	172	184	171	211	e208	196
23	184	165	194	231	201	167	170	191	179	208	e212	193
24	186	209	207	e198	201	168	171	233	178	206	e240	198
25	187	212	600	e360	193	177	177	197	183	210	214	200
26	185	212	368	e250	192	182	175	180	187	208	203	175
27	186	215	250	e258	190	181	164	172	189	206	192	186
28	185	183	236	e242	188	180	157	169	192	202	204	187
29	181	167	258	e185	---	178	159	170	197	202	194	185
30	185	201	260	e212	---	173	164	173	188	206	204	178
31	188	---	280	e198	---	164	---	172	---	e204	202	---
TOTAL	5607	5871	6908	8518	5572	5642	5093	5348	5166	6152	6334	5761
MEAN	181	196	223	275	199	182	170	173	172	198	204	192
MAX	198	256	600	900	242	277	178	233	197	211	240	210
MIN	169	165	164	185	185	161	157	147	154	187	192	175
AC-FT	11120	11650	13700	16900	11050	11190	10100	10610	10250	12200	12560	11430
†	0.00	0.27	1.12	2.40	0.00	0.28	0.12	0.40	0.00	0.00	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 1995, BY WATER YEAR (WY)

MEAN	175	178	184	202	192	193	175	168	165	167	176	173
MAX	201	199	223	275	234	283	191	181	187	198	204	192
(WY)	1993	1993	1995	1995	1993	1992	1992	1994	1990	1995	1995	1995
MIN	155	154	154	171	172	161	156	152	139	145	159	158
(WY)	1989	1989	1989	1991	1990	1989	1989	1989	1988	1988	1988	1988

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1988 - 1995	
ANNUAL TOTAL	68536		71972			
ANNUAL MEAN	188		197		180	
HIGHEST ANNUAL MEAN					197	1995
LOWEST ANNUAL MEAN					160	1989
HIGHEST DAILY MEAN	600	Dec 25	900	Jan 5	1070	Mar 27 1992
LOWEST DAILY MEAN	142	Jul 12	147	May 3	114	Jun 2 1988
ANNUAL SEVEN-DAY MINIMUM	169	Jul 6	157	May 9	133	May 29 1988
INSTANTANEOUS PEAK FLOW			2000	Jan 5	4050	Jun 10 1990
INSTANTANEOUS PEAK STAGE			4.72	Jan 5	11.28	Jun 10 1990
ANNUAL RUNOFF (AC-FT)	135900		142800		130300	
10 PERCENT EXCEEDS	199		225		200	
50 PERCENT EXCEEDS	183		190		173	
90 PERCENT EXCEEDS	172		167		154	

e Estimated
† Precipitation total, in inches

LAS VEGAS VALLEY

09419753 LAS VEGAS WASH ABOVE THREE KIDS WASH BELOW HENDERSON, NV-Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1988 to June 1992, June, July 1995.

REMARKS.--In June 1995, station was incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Las Vegas Valley. Discharge includes treated sewage effluent and wastewater from municipal and industrial sources.

WATER-QUALITY DATA, JUNE TO JULY 1995

DATE	TIME	BENZENE TOTAL (UG/L) (34030)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	ETHYL-BENZENE TOTAL (UG/L) (34371)
JUN											
05...	1500	<0.2	<0.2	--	<0.20	<0.2	<0.2	0.8	<0.2	0.3	<0.2
13...	1325	<0.2	<0.2	<0.2	<0.20	<0.2	<0.2	0.6	<0.2	0.2	<0.2
22...	1010	<0.2	<0.2	0.4	<0.20	0.3	<0.2	1.4	<0.2	0.4	<0.2
JUL											
05...	0950	<0.2	<0.2	<0.2	<0.20	0.4	<0.2	1.1	<0.2	0.4	<0.2

DATE	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	TOLUENE TOTAL (UG/L) (34010)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	STY..ENE TOTAL (UG/L) (77128)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)
JUN										
05...	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
13...	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
22...	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
JUL										
05...	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

LAS VEGAS VALLEY

09419756 LAS VEGAS WASH OVERFLOW AT LAKE LAS VEGAS INLET, NV

LOCATION.--Lat 36°06'09", long 114°56'01", in SE $^1/_4$ SW $^1/_4$ sec.22, T.21 S., R.63 E., Clark County, Hydrologic Unit 15010015, on right end of weir at Lake Las Vegas Inlet structure, about 3.5 mi northeast of Henderson.

DRAINAGE AREA.--2,190 mi^2, approximately.

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Water-stage recorder and broad crested weir. Elevation of gage is 1,400 ft above sea level, from topographic map.

REMARKS.--Records poor. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	29	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	104	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	220	.00	.00	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.16	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	85	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	116	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	175	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.00	729.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	.000	.000	.000	23.5	.000	.000	.000	.000	.000	.000	.000	.000
MAX	.00	.00	.00	220	.00	.00	.00	.00	.00	.00	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	.00	1450	.00	.00	.00	.00	.00	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1995, BY WATER YEAR (WY)

MEAN	.003	.000	.000	6.07	7.15	11.5	.000	.000	.000	.000	.000	.000
MAX	.012	.000	.000	23.5	19.3	46.2	.000	.000	.000	.000	.000	.000
(WY)	1993	1992	1992	1995	1993	1992	1992	1992	1992	1992	1992	1992
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1992	1992	1992	1993	1995	1993	1992	1992	1992	1992	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1992 - 1995	
ANNUAL TOTAL	30.00		729.16			
ANNUAL MEAN	.082		2.00		2.05	
HIGHEST ANNUAL MEAN					4.63	1992
LOWEST ANNUAL MEAN					.082	1994
HIGHEST DAILY MEAN	30	Feb 4	220	Jan 11	548	Mar 27 1992
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Oct 1 1991
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.00	Oct 1	.00	Oct 1 1991
INSTANTANEOUS PEAK FLOW			658	Jan 26	2620	Feb 8 1993
INSTANTANEOUS PEAK STAGE			32.42	Jan 26	32.42	Jan 26 1995
ANNUAL RUNOFF (AC-FT)	60		1450		1480	
10 PERCENT EXCEEDS	.00		.00		.00	
50 PERCENT EXCEEDS	.00		.00		.00	
90 PERCENT EXCEEDS	.00		.00		.00	

LAS VEGAS VALLEY

09419790 LAS VECAS WASH BELOW LAKE LAS VEGAS BELOW HENDERSON, NV

LOCATION.--Lat 36°07'14", long 114°54'34", in NW $^1/_4$ SE $^1/_4$ sec.14, T.21 S., R.63 E., Clark County, Hydrologic Unit 15010015, at downstream side of Lake Las Vegas Dam, and about 4.0 mi northeast of Henderson.

DRAINAGE AREA--2,200 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,330 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Discharge is regulated by design capacity of outlet tube in dam and debris accumulations on trash racks during high flows. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	195	178	194	e281	184	e188	227	145	182	193	203	213
2	195	178	187	e289	194	e169	157	203	162	190	213	212
3	195	180	184	e297	194	e175	166	165	182	173	205	212
4	194	180	184	e275	194	e175	160	165	180	149	198	205
5	191	180	186	846	184	e188	167	172	156	156	199	194
6	187	181	182	e350	184	e219	153	202	155	175	197	194
7	190	180	184	e340	187	e193	193	177	155	171	200	191
8	194	178	184	e330	192	e183	225	145	160	170	200	182
9	195	179	182	e251	182	e187	175	166	155	168	199	178
10	193	181	179	e260	187	e188	124	160	177	181	196	188
11	196	182	180	313	184	e277	191	163	173	179	200	195
12	199	226	184	290	219	e201	232	137	154	181	201	195
13	196	190	177	231	226	e178	155	171	154	180	218	184
14	194	187	181	237	217	e171	196	150	151	189	209	196
15	195	190	181	230	e210	187	230	155	107	189	206	192
16	197	190	179	263	199	190	194	154	151	187	206	194
17	194	188	181	229	205	178	176	155	188	193	201	196
18	197	189	181	249	202	202	181	179	185	168	201	197
19	196	188	180	269	205	207	192	164	127	163	211	200
20	189	187	181	265	213	170	202	189	225	164	208	206
21	195	186	165	244	203	192	223	182	211	171	220	210
22	196	184	181	232	198	198	267	151	194	176	217	207
23	202	171	185	228	e201	183	212	181	194	172	243	205
24	203	194	194	196	e201	184	181	209	176	161	253	210
25	181	192	524	359	e193	205	217	209	174	175	221	213
26	181	191	387	e250	e192	189	163	189	185	201	214	190
27	182	196	225	e258	e190	176	229	183	185	197	206	202
28	181	178	233	240	e188	180	141	183	186	196	213	203
29	176	171	271	184	---	170	220	185	192	213	196	200
30	177	188	e260	205	---	156	191	153	194	202	206	192
31	179	---	e280	194	---	156	---	149	---	213	204	---
TOTAL	5935	5563	6556	8685	5528	5815	5740	5291	5170	5596	6464	5954
MEAN	191	185	211	280	197	188	191	171	172	181	209	198
MAX	203	226	524	846	226	277	267	209	225	213	253	213
MIN	176	171	165	184	182	156	124	137	107	149	196	178
AC-FT	11770	11030	13000	17230	10960	11530	11390	10490	10250	11100	12820	11810

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1995, BY WATER YEAR (WY)

MEAN	185	183	186	217	195	200	188	169	169	169	185	181
MAX	201	199	211	280	218	237	191	171	172	181	209	198
(WY)	1993	1993	1995	1995	1993	1992	1995	1995	1995	1995	1995	1995
MIN	171	170	163	185	183	185	180	166	165	157	166	168
(WY)	1994	1994	1992	1992	1992	1994	1994	1993	1993	1993	1992	1993

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1992 - 1995	
ANNUAL TOTAL	66599		72297			
ANNUAL MEAN	182		198		186	
HIGHEST ANNUAL MEAN					198	1995
LOWEST ANNUAL MEAN					178	1994
HIGHEST DAILY MEAN	524	Dec 25	846	Jan 5	846	Jan 5 1995
LOWEST DAILY MEAN	141	Jul 12	107	Jun 15	107	Jun 15 1995
ANNUAL SEVEN-DAY MINIMUM	155	Jul 7	152	Jun 13	148	May 28 1993
INSTANTANEOUS PEAK FLOW			1570	Jan 5	1570	Jan 5 1995
INSTANTANEOUS PEAK STAGE			7.78	Jan 5	7.78	Jan 5 1995
ANNUAL RUNOFF (AC-FT)	132100		143400		134400	
10 PERCENT EXCEEDS	196		230		209	
50 PERCENT EXCEEDS	180		191		179	
90 PERCENT EXCEEDS	165		163		160	

e Estimated

LAS VEGAS VALLEY

09419790 LAS VEGAS WASH BELOW LAKE LAS VEGAS BELOW HENDERSON--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1993 to current year.

REMARKS.--In May 1993, station incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Las Vegas Valley.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)
OCT											
25...	0900	3.4	3330	7.5	15.5	18.5	730	4.5	51	1100	940
DEC											
07...	1000	170	2530	7.4	--	17.5	735	9.1	100	700	590
FEB											
06...	1030	184	2800	7.9	--	18.5	735	10.4	116	810	720

DATE	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)
OCT										
25...	230	120	320	4	34	155	127	1200	350	1.3
DEC										
07...	160	72	260	4	25	132	110	780	320	0.60
FEB										
06...	190	82	270	4	42	116	95	850	340	0.50

DATE	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)
OCT										
25...	35	2580	2380	23.7	3.51	0.670	1.90	5.70	6.2	6.1
DEC										
07...	20	1790	1730	822	2.43	1.00	2.70	13.0	15	15
FEB										
06...	21	2010	1890	999	2.73	0.590	8.10	2.80	3.5	3.3

DATE	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C) (00689)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT										
25...	0.110	0.070	0.060	29	100	4.2	--	7	0.06	82
DEC										
07...	0.310	0.240	0.210	32	110	7.6	0.60	27	12	80
FEB										
06...	0.400	0.390	0.370	5	130	6.0	--	1560	775	40

COLORADO RIVER MAIN STEM

09421000 LAKE MEAD AT HOOVER DAM, AZ-NV

LOCATION.--Lat 36°00'58", long 114°44'13", in NE 1/4 SW 1/4 sec.3, T.30 N., R.23 W., Gila and Salt River meridian, Mohave-Clark Counties, Hydrologic Unit 15010005, in center of Hoover Dam on Colorado River.

DRAINAGE AREA.--171,700 mi^2, approximately, including 3,959 mi^2 in Great Divide basin in southern Wyoming, which is noncontributing (previously considered part of the Missouri River basin).

RESERVOIR-CONTENTS RECORDS

PERIOD OF RECORD.--Contents: February 1935 to current year. Evaporation: March 1952 to current year. Diversions (monthly totals only): to Boulder City area, since October 1935; to Henderson and Las Vegas areas, since April 1942; combined diversions since October 1968. Prior to 1946 published as "at Boulder Dam."

REVISED RECORDS.--WSP 899: 1935-39.

GAGE.--Water-stage indicator read once daily at midnight, with supplementary water-stage recorder. Datum of gage is 0.00 ft to Local Powerhouse datum.

REMARKS.--Reservoir is formed by concrete arch-gravity dam; storage began February 1, 1935; dam completed March 1, 1936. Total capacity (based on 1963-64 resurvey by Coast and Geodetic Survey; capacity table put into use April 1, 1967), 29,755,000 acre-ft, consisting of the following: Dead storage, 2,378,000 acre-ft below gage height 850.0 ft--gage sills in outlet towers; usable contents, 26,159,000 acre-ft between gage heights 895.0 ft and 1,211.4 ft (top of automatic spillway gates in raised position); uncontrolled storage, 1,218,000 acre-ft between gage heights 1,221.4 ft and 1,229.0 ft (maximum water surface). Reservoir is used to store water for flood control, irrigation, municipal water supply, power development, and recreation. Figures given herein represent usable contents. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

DIVERSIONS FROM LAKE MEAD.--Diversions to Boulder City area at dam; diversions to Henderson and Las Vegas areas from intakes 6 mi upstream. Diversions measured by Venturi meters. Water used for municipal and industrial purposes.

COOPERATION.--Records of gage height and contents furnished by Bureau of Reclamation. Records of diversions from Lake Mead furnished by Bureau of Reclamation and Colorado River Commission of Nevada.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 27,790,000 acre-ft, July 29, 30, 1941 (on basis of original bathymetry), gage height, 1,220.45 ft; maximum gage height, 1,225.85 ft, July 24, 1983 (equivalent to 26,868,000 acre-ft on basis of resurveyed bathymetry of 1963-64); minimum contents (since 1940), 10,695,000 acre-ft, April 26, 1956, gage height, 1,083.21 ft.

EXTREMES FOR CURRENT YEAR.--
Maximum contents, 20,714,000 acre-ft, September 30, gage height, 1,184.28 ft; minimum, 19,575,000 acre-ft, November 30, December 1, 2, gage height, 1,175.67 ft.

RESERVOIR STORAGE (THOU AC-FT) WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19938	19836	19575	19693	20198	20481	20446	20082	19907	20025	20239	20371
2	19946	19823	19575	19701	20202	20477	20450	20084	19908	20035	20239	20383
3	19946	19810	19577	19698	20209	20473	20431	20080	19929	20038	20234	20399
4	19932	19794	19586	19698	20222	20486	20412	20068	19946	20052	20234	20410
5	19930	19798	19588	19711	20234	20503	20390	20068	19942	20054	20253	20407
6	19925	19798	19589	19732	20239	20512	20368	20079	19941	20058	20266	20410
7	19923	19776	19592	19762	20243	20524	20356	20091	19946	20062	20267	20416
8	19921	19758	19592	19784	20241	20520	20355	20079	19947	20072	20273	20430
9	19920	19737	19593	19804	20245	20513	20352	20067	19946	20091	20278	20453
10	19917	19721	19598	19819	20249	20512	20342	20055	19953	20092	20279	20474
11	19911	19720	19607	19845	20254	20526	20326	20036	19966	20092	20282	20486
12	19898	19714	19608	19868	20263	20538	20304	20029	19959	20097	20293	20497
13	19894	19711	19614	19894	20267	20549	20287	20028	19955	20105	20307	20505
14	19883	19698	19607	19911	20276	20545	20282	20030	19951	20109	20310	20513
15	19892	19688	19611	19937	20284	20536	20294	20022	19943	20130	20311	20521
16	19890	19667	19619	19950	20303	20530	20290	20013	19943	20149	20311	20536
17	19886	19649	19628	19963	20320	20526	20277	20005	19953	20150	20307	20549
18	19879	19639	19643	19978	20336	20536	20259	19995	19960	20148	20314	20564
19	19869	19642	19649	19994	20358	20541	20235	19987	19960	20146	20330	20568
20	19864	19645	19652	20015	20375	20530	20213	19993	19962	20150	20346	20576
21	19866	19634	19654	20033	20390	20522	20190	19998	19962	20153	20351	20583
22	19869	19621	19660	20054	20403	20526	20192	19991	19964	20170	20352	20595
23	19887	19612	19663	20069	20418	20517	20188	19982	19970	20185	20350	20613
24	19875	19615	19677	20082	20433	20510	20169	19974	19983	20189	20350	20635
25	19866	19614	19689	20094	20453	20510	20146	19963	20000	20188	20358	20650
26	19857	19614	19699	20110	20459	20517	20129	19963	20000	20192	20372	20664
27	19858	19611	19693	20127	20473	20503	20109	19953	20002	20194	20388	20673
28	19854	19597	19688	20147	20486	20483	20095	19960	20006	20198	20382	20680
29	19858	19588	19685	20172	---	20467	20092	19962	20017	20211	20374	20702
30	19857	19575	19684	20182	---	20451	20099	19945	20013	20233	20371	20714
31	19852	---	19689	20198	---	20443	---	19921	---	20241	20367	---
MAX	19946	19836	19699	20198	20486	20549	20450	20091	20017	20241	20388	20714
MIN	19852	19575	19575	19693	20198	20443	20092	19921	19907	20025	20234	20371
*	1177.80	1175.67	1176.55	1180.43	1182.59	1182.27	1179.68	1178.33	1179.03	1180.75	1181.70	1184.28
#	-78000	-277000	+114000	+509000	+288000	-43000	-344000	-178000	+92000	+228000	+126000	+347000
##	32214	26210	22904	19920	21032	24794	28262	28262	30079	32260	31806	31138
**	8.9	11.2	4.6	3.2	2.4	2.5	2.6	3.0	8.9	9.3	12.5	m
a	96900	121200	50200	35100	26500	28400	29300	32800	97900	103000	138700	m

CAL YR 1994 MAX 21634 MIN 19575 # -1635000 ## 337823 ** 89.5 a 866300
WTR YR 1995 MAX 20714 MIN 19575 # 784000 ## 328881 ** m a m

* Gage height, in feet, at end of month.
\# Change in contents, in acre-feet.
Diversions, in acre-feet.
** Gross evaporation, in inches, from Lake Mead.
a Gross evaporation, in acre-feet, from Lake Mead.
m Missing data due to instrument malfunction.

NOTE: Figures of gross evaporation are based on data obtained on Lake Mead by the Bureau of Reclamation and at Las Vegas by National Weather Service, and are computed by the Geological Survey. Only the mass-transfer method described in Geological Survey Professional Paper 298 is used. "Gross" denotes the total evaporation from the lake without deduction for precipitation on the lake surface for natural losses that would have occurred in the area now occupied by the lake. Starting February 1976, coefficient of 0.00179.

COLORADO RIVER MAIN STEM

09421500 COLORADO RIVER BELOW HOOVER DAM, AZ-NV

(National Stream-Quality Accounting Network Station)

LOCATION.--Lat 36°00'55", long 114°44'16", in NE $^1/_4$ SW $^1/_4$ sec.3, T.30 N., R.23 W., Gila and Salt River meridian, or SW $^1/_4$ NE $^1/_4$ sec.29, T.22 S., R.65 E., Mount Diablo meridian, Mohave-Clark Counties, Hydrologic Unit 15030101, in powerhouse at downstream side of Hoover Dam.

DRAINAGE AREA.--171,700 mi^2, approximately, including 3,959 mi^2 in Great Divide basin in southern Wyoming, which is noncontributing (previously considered part of the Missouri River basin).

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1933 to current year (prior to April 1934, monthly discharge only, published in WSP 1313). Published as "near Willow Beach" 1933-39 and as "below Boulder Dam" 1939-45.

GAGE.--Acoustical velocity meters on each turbine in Hoover Dam. Prior to November 1, 1939, water-stage recorder at site 9 mi downstream at datum 594.8 ft above sea level. November 1, 1939, to June 30, 1958, water-stage recorder at site 0.8 mi downstream at datum 600.35 ft above sea level. July 1, 1958, to November 7, 1979, totalizing flowmeter on each turbine.

REMARKS.--Flow regulated by Hoover Dam on Lake Mead since February 1, 1935. Many diversions above station for irrigation, industrial, and municipal use. See schematic diagram of Colorado River Basin at beginning of Colorado River Basin section.

COOPERATION.--Records furnished by Bureau of Reclamation.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6390	12800	10400	8100	7520	17100	9980	15000	15100	9170	17400	14800
2	5560	13500	8750	7290	9720	17200	8650	14000	10700	8740	20200	11000
3	9900	14400	6750	11700	9590	14700	18600	15700	7770	14200	18200	10800
4	9750	13500	7030	13000	5460	8400	19500	16700	9640	8460	17500	11200
5	8860	6720	11400	6460	5000	8210	20300	11700	17500	14900	10100	17700
6	9840	7840	9970	4390	8140	14400	20200	7960	13300	13400	10300	14500
7	8540	16800	10300	2720	8450	14900	17600	6410	13500	14300	17800	12400
8	8430	17400	11500	3100	10300	16800	12200	16700	17400	10500	17700	12300
9	7660	18200	11400	4290	9980	17400	11300	17300	19200	9060	15900	6500
10	9390	15800	7360	5330	9470	14600	17000	18000	13600	15800	15800	8180
11	10300	11600	9260	4000	7590	10600	17200	17900	11700	13600	17300	12000
12	12400	9040	10400	3860	6300	12600	18800	16200	19000	13500	11700	13000
13	12000	10800	10100	3440	9660	16300	17500	11700	16600	14300	12300	13100
14	11000	13700	13900	3690	10100	15800	15700	10300	16500	15100	16300	13700
15	8170	14000	10900	4270	8710	17500	8740	15700	18000	7370	16500	13200
16	5500	14300	8520	5700	7750	16400	9730	13400	17500	7350	17000	9400
17	10800	14400	6190	5260	7990	15200	18600	14500	12300	16600	17200	10100
18	11200	14500	6670	4730	7260	10400	21400	17400	13100	17100	15500	12000
19	11900	7960	8470	6180	6770	9570	21000	17600	15600	18100	10200	13200
20	10700	7400	9460	4450	8370	15500	23700	9090	15300	16900	8920	12900
21	9790	13700	9270	3380	8560	14900	23200	9110	16200	15800	16800	12000
22	7090	13200	8160	3710	8590	13900	13800	14100	15400	9190	18600	10200
23	4310	12000	11000	5930	8850	15200	13500	15600	14800	9230	18200	7810
24	10100	7370	6030	6550	8040	14800	20500	16800	9730	15200	16200	8080
25	10800	8000	6950	6550	5210	11900	20200	17400	9440	15400	14700	8970
26	11600	8890	7500	7380	5470	9350	20300	17000	16000	15700	9570	10800
27	9270	9290	12500	7130	11400	17300	19600	8570	16000	16700	10700	12500
28	8690	14300	11500	4080	9080	20100	19600	9740	13200	16800	18700	10900
29	5270	13400	13700	3360	---	18400	12400	9530	14200	10100	18100	9240
30	7360	13300	13100	6440	---	17600	11500	18200	17200	9330	17800	8860
31	8920	---	9850	7050	---	16500	---	21000	---	14800	19600	---
TOTAL	281490	368110	298290	173520	229330	453530	502300	440310	435480	406700	482790	341340
MEAN	9080	12270	9622	5597	8190	14630	16740	14200	14520	13120	15570	11380
MAX	12400	18200	13900	13000	11400	20100	23700	21000	19200	18100	20200	17700
MIN	4310	6720	6030	2720	5000	8210	8350	6410	7770	7350	8920	6500
AC-FT	558300	730100	591700	344200	454900	899600	996300	873400	863800	806700	957600	677000

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 1995, BY WATER YEAR (WY)

MEAN	11920	11630	11860	12190	12380	14580	15670	15990	15600	15560	15170	13430
MAX	34250	30530	33670	32700	30680	28790	26290	33330	34890	41870	39390	36750
(WY)	1984	1942	1942	1942	1984	1984	1984	1986	1984	1983	1983	1983
MIN	3109	3519	4444	3540	1106	5474	7297	8898	9786	10880	9961	6619
(WY)	1935	1935	1935	1979	1993	1993	1935	1937	1940	1937	1936	1982

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1935 - 1995	
ANNUAL TOTAL	4715040		4413190			
ANNUAL MEAN	12920		12090		13840	
HIGHEST ANNUAL MEAN					30590	1984
LOWEST ANNUAL MEAN					7674	1935
HIGHEST DAILY MEAN	24400	Mar 22	23700	Apr 20	50800	Jul 29 1983
LOWEST DAILY MEAN	4310	Oct 23	2720	Jan 7	152	Feb 10 1935
ANNUAL SEVEN-DAY MINIMUM	7550	Jan 13	3820	Jan 7	927	Feb 25 1980
INSTANTANEOUS LOW FLOW					.00	Feb 10 1935
ANNUAL RUNOFF (AC-FT)	9352000		8754000		10030000	
10 PERCENT EXCEEDS	19200		17700		21600	
50 PERCENT EXCEEDS	12500		11700		13200	
90 PERCENT EXCEEDS	7400		6530		6430	

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1940 to current year.

PERIOD OF DAILY RECORD.--
CHEMICAL ANALYSES: October 1939 to September 1944, October 1950 to September 1957, October 1967 to March 1970.
SPECIFIC CONDUCTANCE: October 1939 to July 1957, October 1977 to September 1987.
WATER TEMPERATURE: October 1941 to July 1957, October 1977 to September 1987.

REMARKS.--Samples collected at gaging station 0.3 mi downstream from Hoover Dam. Unpublished chemical analyses for period October 1939 to September 1940 available from the U.S. Geological Survey in Tucson, Arizona.

COOPERATION.--Instantaneous-discharge data provided by Bureau of Reclamation, Boulder City, Nevada.

EXTREMES MEASURED FOR PERIOD OF DAILY RECORD SINCE OCTOBER 1977.--
SPECIFIC CONDUCTANCE: Maximum, 1,180 microsiemens, June 10, 1980; minimum, 787 microsiemens, April 20, 1987.
WATER TEMPERATURE: Maximum, 21.5°C, July 23, 1983; minimum, 9.0°C, January 10, 1978.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
NOV												
29...	1200	E13400	1080	8.0	10.0	13.5	0.40	758	7.6	74	<1	<1
FEB												
23...	1030	E8850	1060	8.0	17.5	13.5	0.20	750	7.2	70	8	4
APR												
26...	1000	E20300	1070	7.9	22.0	13.0	0.20	745	7.6	74	<1	<1
JUN												
28...	1000	E13200	1080	7.8	--	12.5	0.30	743	7.2	70	<1	<1
AUG												
29...	0930	E18100	1080	7.8	22.5	13.0	0.20	740	6.6	65	<1	<1
SEP												
28...	1030	E10900	1020	7.8	--	13.0	0.10	738	6.3	62	--	--

DATE	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
NOV												
29...	320	79	29	100	2	5.2	131	107	290	91	0.40	8.4
FEB												
23...	320	79	29	98	2	5.2	152	125	270	92	0.30	8.6
APR												
26...	320	79	29	98	2	4.7	156	128	280	88	0.30	8.4
JUN												
28...	310	78	28	98	2	4.8	149	122	270	89	0.30	8.9
AUG												
29...	300	76	27	100	3	4.7	139	114	270	89	0.30	8.2
SEP												
28...	310	75	29	99	2	4.6	156	128	270	85	0.30	8.1

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)
NOV											
29...	720	670	0.98	0.010	0.360	0.030	<0.20	--	<0.010	0.020	0.010
FEB											
23...	696	660	0.95	<0.010	0.400	<0.015	<0.20	--	<0.010	<0.010	<0.010
APR											
26...	710	667	0.97	<0.010	0.400	<0.015	<0.20	--	<0.010	<0.010	<0.010
JUN											
28...	696	652	0.95	<0.010	0.390	0.030	<0.20	--	0.020	<0.010	<0.010
AUG											
29...	680	646	0.92	<0.010	0.350	<0.015	0.20	--	0.010	<0.010	<0.010
SEP											
28...	688	650	0.94	<0.010	0.330	<0.015	<0.20	<0.20	0.020	<0.010	<0.010

COLORADO RIVER MAIN STEM

09421500 COLORADO RIVER BELOW HOOVER DAM, AZ-NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)
NOV											
29...	--	--	130	--	--	--	<3	--	<3	--	48
FEB											
23...	<10	--	130	--	--	--	<3	--	<3	--	52
APR											
26...	10	--	130	--	--	--	<3	--	<3	--	46
JUN											
28...	--	--	--	--	--	--	--	--	--	--	--
AUG											
29...	<10	--	130	--	--	--	<3	--	<3	--	47
SEP											
28...	<10	2	120	<0.5	<1.0	<5	<3	<1	<3	<1	49

DATE	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
NOV											
29...	<1	20	--	2	<1.0	1100	<6	--	4	E147	85
FEB											
23...	<1	<10	<1	2	<1.0	1100	<6	--	1	E32	100
APR											
26...	<1	<10	<1	2	<1.0	1200	<6	--	6	E531	72
JUN											
28...	--	--	--	--	--	--	--	--	4	E199	58
AUG											
29...	<1	<10	<1	2	<1.0	1100	<6	--	4	E258	70
SEP											
28...	<1	20	<1	2	<1.0	1100	<6	<3	2	E96	71

E: ESTIMATED

COLORADO RIVER MAIN STEM

09422500 LAKE MOHAVE AT DAVIS DAM, AZ-NV

LOCATION.--Lat 35°11'50", long 114°34'07", in SW $^1/_4$ SW $^1/_4$ sec.18, T.21 N., R.21 W., Gila and Salt River meridian, Mohave County, Arizona, Hydrologic Unit 15030101, on forebay structure on Arizona side of Davis Dam on Colorado River, 29 mi west of Kingman, Az., and 67 mi downstream from Hoover Dam.

DRAINAGE AREA.--173,300 mi^2, approximately, including 3,959 mi^2 in Great Divide basin in southern Wyoming, which is noncontributing.

PERIOD OF RECORD.--January 1950 to current year.

GAGE.--Water-stage recorder. Datum of gage is sea level.

REMARKS.--Reservoir is formed by earthfill and rockfill dam; dam completed in April 1949 and storage began January 17, 1950. Usable capacity, 1,810,000 acre-ft between elevations 533.39 ft - lowest point of penstock outlet - and 647.0 ft - top of spillway gates. A small amount of additional storage is available through use of splashboards on the spillway gates. Dead storage, 8,530 acre-ft below elevation 533.39 ft. Lake is used for power development, regulation for irrigation demand, and to satisfy requirements of the Treaty of 1944 with Mexico. Figures given herein represent usable contents.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 1,811,000 acre-ft, May 24, 1958, May 29, 1963, May 29, 1982; maximum elevation, 647.04 ft, May 29, 1963, May 29, 1982; minimum contents (since 1952), 1,168,000 acre-ft, September 8, 1953, elevation, 622.15 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 1,760,000 acre-ft, April 28, elevation, 645.21 ft; minimum, 1,359,000 acre-ft October 31, November 1, elevation, 630.00 ft.

Capacity table, (elevation, in feet, and contents, in acre-feet)

630	1,359,000	641	1,644,000
632	1,409,000	644	1,726,000
635	1,486,000	647	1,810,000
638	1,564,000		

RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY OBSERVATION AT 24:00 VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1456000	1359000	1464000	1654000	1651000	1619000	1690000	1748000	1733000	1697000	1646000	1680000
2	1444000	1362000	1463000	1656000	1657000	1634000	1674000	1747000	1728000	1688000	1653000	1680000
3	1443000	1372000	1457000	1670000	1663000	1641000	1677000	1750000	1718000	1688000	1662000	1677000
4	1442000	1377000	1457000	1689000	1660000	1637000	1681000	1756000	1711000	1676000	1663000	1676000
5	1437000	1372000	1464000	1694000	1658000	1634000	1689000	1751000	1723000	1678000	1650000	1688000
6	1435000	1366000	1467000	1695000	1656000	1638000	1696000	1740000	1716000	1675000	1637000	1693000
7	1432000	1373000	1472000	1692000	1648000	1641000	1699000	1725000	1713000	1674000	1638000	1696000
8	1425000	1380000	1478000	1693000	1644000	1648000	1693000	1733000	1722000	1665000	1639000	1695000
9	1420000	1390000	1483000	1693000	1645000	1659000	1686000	1741000	1734000	1655000	1640000	1683000
10	1415000	1396000	1481000	1703000	1642000	1664000	1685000	1748000	1733000	1655000	1639000	1674000
11	1415000	1396000	1488000	1697000	1633000	1663000	1687000	1753000	1731000	1650000	1666000	1674000
12	1416000	1396000	1492000	1699000	1625000	1666000	1689000	1754000	1737000	1647000	1632000	1677000
13	1419000	1400000	1501000	1694000	1622000	1679000	1696000	1749000	1737000	1644000	1630000	1679000
14	1417000	1406000	1519000	1691000	1628000	1686000	1696000	1740000	1737000	1645000	1631000	1682000
15	1415000	1415000	1529000	1685000	1633000	1697000	1682000	1744000	1740000	1632000	1633000	1681000
16	1406000	1423000	1533000	1682000	1631000	1705000	1671000	1740000	1743000	1621000	1639000	1677000
17	1406000	1436000	1531000	1674000	1632000	1712000	1674000	1741000	1735000	1627000	1644000	1674000
18	1405000	1445000	1535000	1670000	1632000	1706000	1685000	1748000	1731000	1641000	1641000	1674000
19	1410000	1440000	1538000	1666000	1630000	1705000	1693000	1754000	1733000	1655000	1626000	1678000
20	1409000	1434000	1547000	1658000	1633000	1708000	1708000	1736000	1735000	1664000	1617000	1681000
21	1406000	1442000	1552000	1651000	1632000	1712000	1720000	1723000	1741000	1669000	1623000	1682000
22	1396000	1448000	1556000	1646000	1629000	1709000	1714000	1720000	1743000	1658000	1636000	1674000
23	1385000	1451000	1565000	1647000	1626000	1708000	1713000	1721000	1744000	1653000	1647000	1664000
24	1384000	1447000	1567000	1653000	1623000	1706000	1721000	1726000	1730000	1654000	1653000	1659000
25	1384000	1441000	1576000	1654000	1610000	1701000	1733000	1733000	1716000	1657000	1654000	1654000
26	1386000	1439000	1576000	1656000	1603000	1697000	1745000	1740000	1715000	1657000	1646000	1650000
27	1407000	1437000	1590000	1658000	1608000	1693000	1752000	1731000	1715000	1659000	1641000	1651000
28	1374000	1444000	1603000	1652000	1607000	1703000	1760000	1723000	1711000	1661000	1654000	1647000
29	1364000	1454000	1623000	1644000		1705000	1753000	1715000	1703000	1650000	1659000	1643000
30	1360000	1465000	1636000	1647000	---	1705000	1746000	1719000	1705000	1640000	1665000	1636000
31	1359000	---	1648000	1647000	---	1704000	---	1733000	---	1641000	1675000	---
MAX	1456000	1465000	1648000	1703000	1663000	1712000	1760000	1756000	1744000	1697000	1675000	1696000
MIN	1359000	1359000	1457000	1644000	1603000	1619000	1671000	1715000	1703000	1621000	1617000	1636000
(*)	630.00	634.20	641.13	641.10	639.60	643.19	644.70	644.23	643.23	640.86	642.13	640.69
(**)	-105000	+106000	+183000	-1000	-40000	+97000	+42000	-13000	-28000	-64000	+34000	-39000

CAL YR 1994 MAX 1785000 MIN 1359000 (**) +34000
WTR YR 1995 MAX 1760000 MIN 1359000 (**) +172000

(*) Elevation, in feet, at end of month.
(**) Change in contents, in acre-feet.

COLORADO RIVER MAIN STEM

09423000 COLORADO RIVER BELOW DAVIS DAM, AZ-NV

LOCATION.--Lat 35°11'30", long 114°34'17", in SE $^1/_4$NE $^1/_4$ sec.1, T.32 S., R.66 E., Mount Diablo meridian, in Clark County, Nevada, Hydrologic Unit 15030101, on right bank, 0.5 mi downstream from Davis Dam, 29 mi west of Kingman, Az., and 68 mi downstream from Hoover Dam.

DRAINAGE AREA.--173,300 mi^2, approximately, including 3,959 mi^2 in Great Divide basin in southern Wyoming, which is noncontributing.

PERIOD OF RECORD.--June 1905 to September 1907 (published as "at Hardyville"), March 1949 to current year.

REVISED RECORDS.--WDR AZ-86-1: 1981.

GAGE.--Water-stage recorder. Datum of gage is 490.00 ft, sea level; gage readings have been reduced to elevations sea level since October 1, 1967. 1905-7, nonrecording gage at site 4.8 mi downstream at datum about 3.4 ft lower. March 16 to May 3, 1949, water-stage recorder at site 0.5 mi downstream at datum 10.00 ft higher. May 4, 1949, to February 24, 1956, water-stage recorder at site 400 ft upstream at datum 10.00 ft higher. February 25, 1956, to September 30, 1967, water-stage recorder at present site at datum 10.00 ft higher.

REMARKS.--No estimated daily discharge. Records excellent. Flow regulated by Lake Mead since February l, 1935, and by Lake Mohave since January 17, 1950. Many diversions upstream for irrigation, industrial, and municipal uses.

EXTREMES FOR PERIOD OF RECORD.--1905-7: Maximum daily discharge, 116,000 ft^3/s June 20, 1906; minimum daily, 2,850 ft^3/s January 5, 1906. 1949-95: Maximum discharge, 46,200 ft^3/s July 2, 1983, elevation, 509.48 ft; maximum elevation, 513.91 ft April 22, 1952; no flow at Davis Dam parts of several days July to September 1950 and December 27, 1950, when gates in dam were closed; minimum daily discharge, 285 ft^3/s August 3, 1950.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 24,400 ft^3/s August 10, elevation, 504.96 ft; minimum daily, 3,520 ft^3/s January 5, 8.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11200	12300	9920	4520	6130	9320	17000	13300	14100	13200	14800	12300
2	10800	10200	9290	5030	6100	9930	15000	14300	13000	13100	14800	11700
3	10800	9080	9190	3840	6110	10100	16900	14000	12900	14200	14600	11200
4	11000	10100	7160	3760	6090	10100	17400	13300	12900	14100	15600	12200
5	10900	10400	7620	3520	6010	10300	16000	13300	13500	14200	16700	11100
6	10900	10200	7270	3530	9030	13000	16100	13300	14400	14200	16900	11400
7	10800	11900	7300	3540	11900	12800	15500	13300	14400	14200	15700	11200
8	10800	11900	8070	3520	11200	13200	14100	12600	12500	14300	16700	12300
9	10200	12800	8060	3550	9480	11000	14900	12700	13300	15200	15600	12200
10	11600	12700	7890	3550	10300	11000	15700	13700	13400	15600	16700	12200
11	10400	11200	6210	3540	10700	10700	16500	13700	12300	15600	15700	11600
12	11700	9260	6200	3900	10700	10600	15500	14600	14600	15000	14700	11400
13	10500	9090	5620	5690	10700	10900	15000	15100	15700	14500	13700	11400
14	10600	9400	4780	5670	8580	11200	15000	14100	17000	14400	15100	12300
15	10500	8660	4780	5650	7070	11200	15600	14100	16200	14200	15000	12400
16	9690	8120	5710	8310	8010	11300	14200	15400	15400	13200	14100	11300
17	10900	8260	6950	8430	7030	11300	16100	13200	15600	12200	13600	11300
18	10300	9600	7160	7630	7090	11400	16500	13000	15300	10200	16300	11600
19	10100	10500	6140	7550	7110	11100	16700	14500	13900	10200	17200	11000
20	11000	10600	5720	7650	7090	13300	16500	17000	15000	11300	14300	11100
21	11200	10600	6100	6700	8900	13200	16000	15000	12300	12900	12700	11000
22	11700	9400	6160	5370	9170	14000	15600	15200	13100	13900	12400	12600
23	10600	9220	4680	5540	10200	14300	13900	15300	15200	12900	12000	12600
24	11700	9110	4700	4620	10200	15900	14400	14400	15200	13400	12400	11600
25	10400	10300	4700	5580	10200	14100	13300	13400	16300	14100	13800	11100
26	10300	10200	4660	5730	9280	13200	13700	13400	16400	15200	12700	12500
27	11200	8650	3910	6490	9370	16000	15300	13300	15600	15400	11800	12000
28	12300	9940	3850	6710	9150	16000	15800	13300	16200	15300	13200	11900
29	11100	8650	3810	6690	---	16000	15500	13900	16100	15200	14100	12200
30	8830	7320	3820	6280	---	16900	14900	13900	15200	14400	14200	11300
31	9740	---	4580	6100	---	17100	---	14100	---	13600	13300	---
TOTAL	333760	299660	192010	168190	242900	390450	464600	433700	437000	429400	450400	352000
MEAN	10770	9989	6194	5425	8675	12600	15490	13990	14570	13850	14530	11730
MAX	12300	12800	9920	8430	11900	17100	17400	17000	17000	15600	17200	12600
MIN	8830	7320	3810	3520	6010	9320	13300	12600	12300	10200	11800	11000
AC-FT	662000	594400	380900	333600	481800	774500	921500	860200	866800	851700	893400	698200

CAL YR	1994	TOTAL	4610790	MEAN	12630	MAX	21500	MIN	3810	AC-FT	9145000	
WTR YR	1995	TOTAL	4194070	MEAN	11490	MAX	17400	MIN	3520	AC-FT	8319000	

THE GREAT BASIN

SNAKE VALLEY

10243240 BAKER CREEK AT NARROWS, NEAR BAKER, NV

LOCATION.--Lat 38°59'27", long 114°12'21", in sec. 22, T.13 N., R.69 E., White Pine County, Hydrologic Unit 16020301, Great Basin National Park, on left bank, 1 mi downstream from the Narrows, and 4.8 mi west of Baker.

DRAINAGE AREA.--16.4 mi^2.

PERIOD OF RECORD.--December 1947 to September 1955, October 1992 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,730 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.7	4.6	2.9	2.1	1.9	2.4	2.7	9.2	34	189	55	6.6
2	3.6	4.8	2.8	e2.0	1.9	2.3	2.6	11	46	174	52	6.2
3	4.1	4.8	2.8	e2.0	1.9	2.4	2.5	11	66	185	50	6.0
4	5.3	6.9	2.9	e2.0	1.9	2.4	2.5	12	76	164	47	6.7
5	5.4	5.2	2.8	e2.0	1.9	2.4	2.6	12	89	165	45	6.2
6	5.0	5.2	2.8	e1.9	1.9	2.5	2.6	12	108	174	44	5.6
7	4.9	4.8	e2.8	e1.9	1.9	3.3	2.8	12	111	180	42	5.2
8	4.9	4.4	e2.8	e1.8	2.0	2.4	3.1	11	102	191	40	5.0
9	4.8	4.2	e2.8	e1.8	2.0	2.4	3.2	11	89	176	39	4.9
10	4.8	4.2	e2.8	e1.7	2.0	3.3	3.2	10	77	189	37	4.5
11	4.9	4.2	e2.8	e1.7	1.9	4.6	3.4	11	71	174	35	4.4
12	4.9	4.2	e2.8	e1.6	1.9	3.6	3.5	11	90	176	33	4.2
13	6.5	e3.9	e2.8	e1.6	1.9	3.4	3.7	11	159	155	31	4.0
14	6.8	e3.6	2.8	e1.5	1.9	3.4	4.0	12	196	131	29	3.9
15	6.1	e3.4	2.8	e1.5	2.1	3.5	4.1	13	209	117	27	3.7
16	5.8	e3.3	2.7	e1.5	2.3	3.5	4.2	12	181	106	25	3.5
17	5.7	e3.2	2.5	e1.5	2.2	3.5	4.2	12	143	99	25	3.4
18	5.6	e3.1	2.5	e1.5	1.9	3.7	4.4	13	115	96	23	3.5
19	5.4	3.0	2.4	e1.5	1.9	4.0	4.7	14	93	94	22	3.3
20	5.3	3.0	2.5	e1.5	2.0	3.9	4.5	16	88	88	21	3.2
21	5.1	4.1	2.5	e1.5	2.0	4.2	4.3	18	89	84	20	3.4
22	5.1	3.2	2.5	e1.5	2.0	4.1	4.2	23	88	80	14	3.5
23	4.9	3.4	2.4	e1.6	2.1	4.0	4.4	29	102	76	13	3.1
24	4.9	3.4	2.5	e1.6	2.1	4.3	4.6	37	131	73	12	3.0
25	4.9	3.1	2.5	e1.6	2.2	4.2	4.9	38	158	70	11	3.0
26	4.8	e2.9	2.4	e1.6	2.2	3.8	5.1	37	180	67	9.6	2.8
27	4.7	e2.8	2.4	1.6	2.3	3.5	5.4	35	198	64	8.9	2.7
28	4.6	e2.8	2.4	1.7	2.3	3.5	5.8	34	208	62	8.2	2.6
29	4.7	e2.7	2.4	1.7	---	3.6	6.5	33	209	62	7.6	2.8
30	4.6	e2.8	2.2	1.7	---	3.5	8.1	32	197	62	7.3	2.9
31	4.5	---	2.5	1.8	---	2.8	---	32	---	59	6.8	---
TOTAL	156.3	115.2	81.5	52.5	56.5	104.4	121.8	584.2	3703	3782	840.4	123.8
MEAN	5.04	3.84	2.63	1.69	2.02	3.37	4.06	18.8	123	122	27.1	4.13
MAX	6.8	6.9	2.9	2.1	2.3	4.6	8.1	38	209	191	55	6.7
MIN	3.6	2.7	2.2	1.5	1.9	2.3	2.5	9.2	34	59	6.8	2.6
AC-FT	310	228	162	104	112	207	242	1160	7340	7500	1670	246

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1948 - 1995, BY WATER YEAR (WY)

MEAN	2.99	2.69	1.99	1.59	1.49	1.92	4.70	26.5	43.5	22.7	7.32	3.30
MAX	5.04	3.84	2.63	2.16	2.35	3.37	9.65	65.1	123	122	27.1	5.25
(WY)	1995	1995	1995	1953	1955	1995	1954	1952	1995	1995	1995	1952
MIN	1.48	1.09	.79	.28	.43	1.06	2.28	3.64	12.2	4.37	2.69	2.03
(WY)	1993	1993	1993	1993	1993	1994	1951	1953	1953	1994	1994	1993

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1948 - 1995	
ANNUAL TOTAL	2031.04		9721.6			
ANNUAL MEAN	5.56		26.6		10.1	
HIGHEST ANNUAL MEAN					26.6	1995
LOWEST ANNUAL MEAN					3.87	1953
HIGHEST DAILY MEAN	42	May 31	209	Jun 15	209	Jun 15 1995
LOWEST DAILY MEAN	.43	Jan 25	1.5	Jan 14	.01	Jan 9 1993
ANNUAL SEVEN-DAY MINIMUM	.45	Jan 19	1.5	Jan 14	.04	Jan 16 1993
INSTANTANEOUS PEAK FLOW			235	Jun 29	235	Jun 29 1995
INSTANTANEOUS PEAK STAGE			3.51	Jun 29	3.51	Jun 29 1995
ANNUAL RUNOFF (AC-FT)	4030		19280		7310	
10 PERCENT EXCEEDS	16		93		23	
50 PERCENT EXCEEDS	2.8		4.3		2.9	
90 PERCENT EXCEEDS	.54		1.9		1.5	

e Estimated

SNAKE VALLEY

10243260 LEHMAN CREEK NEAR BAKER, NV

LOCATION.--Lat 39°00'42", long 114°12'49", in sec. 10, T.13 N., R.69 E., White Pine County, Hydrologic Unit 16020301, Great Basin National Park, on left bank, 4.8 miles west of Baker.

DRAINAGE AREA.--11.0 mi^2.

PERIOD OF RECORD.--December 1947 to September 1955, October 1992 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,730 ft above sea level, from topographic map. Prior to October 3, 1953, at site 45 ft downstream at same datum.

REMARKS.--Records fair except for estimated daily discharges and March to September, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.1	2.6	1.8	e1.2	1.6	1.6	1.6	5.9	11	e50	27	12
2	4.1	2.7	1.7	e1.1	1.6	1.6	1.5	6.7	14	e54	25	12
3	4.2	2.6	1.7	e1.4	1.5	1.6	1.6	6.8	17	e56	25	11
4	4.4	2.5	1.7	e1.3	1.5	1.5	1.7	6.7	23	e55	24	11
5	4.5	3.1	1.7	e1.2	1.5	1.5	1.7	7.1	e36	e52	24	11
6	4.3	3.1	1.7	e1.2	1.5	1.3	1.7	7.4	e44	e49	23	11
7	4.2	2.8	1.7	1.2	1.5	2.0	1.8	6.6	e43	e51	23	10
8	4.1	2.7	e1.6	1.2	1.5	1.5	1.9	7.2	e38	e50	22	10
9	4.0	2.5	e1.6	1.2	1.5	1.4	2.0	6.5	e33	e51	21	9.8
10	3.9	2.5	e1.6	1.3	1.4	1.8	2.0	6.3	e32	e51	20	9.6
11	3.8	2.5	e1.6	1.3	1.5	2.7	2.2	6.7	e33	e52	19	9.2
12	3.7	2.5	e1.6	1.2	1.4	2.1	2.3	7.1	e37	e49	19	9.1
13	4.2	1.9	1.6	1.3	1.4	1.9	2.6	7.2	e44	e48	19	9.0
14	4.3	1.9	1.6	1.3	e1.4	1.8	2.9	7.3	e49	e46	18	8.5
15	4.0	e1.8	1.6	1.4	e1.6	1.8	2.9	7.4	57	43	17	8.2
16	3.8	e1.7	1.6	1.2	e1.5	1.8	2.8	7.4	53	42	17	8.0
17	3.7	e1.6	1.5	e1.3	e1.4	1.7	3.0	7.7	34	41	16	7.9
18	3.5	e1.6	1.5	e1.4	1.4	1.8	3.2	7.6	30	40	16	7.4
19	3.4	e1.6	1.5	e1.5	1.4	2.1	3.4	8.2	19	45	16	7.3
20	3.3	e1.6	1.5	1.5	1.4	2.0	3.1	8.6	27	45	15	7.1
21	3.2	e1.7	1.5	1.4	1.5	2.0	2.9	9.6	36	41	15	7.2
22	3.2	e1.7	1.5	1.4	1.6	2.0	2.9	10	35	41	16	7.0
23	3.1	e1.7	1.5	1.4	1.6	1.9	3.2	9.6	38	41	15	6.8
24	3.0	e1.8	1.6	1.4	1.6	1.9	3.5	10	49	37	14	6.8
25	2.9	e1.9	1.6	1.4	1.7	1.8	3.9	9.8	52	37	14	6.3
26	2.8	e1.8	1.5	1.3	1.6	1.8	4.0	10	e60	35	14	6.2
27	2.8	e1.7	1.5	1.2	1.6	1.7	4.6	9.7	e62	31	13	5.9
28	2.7	e1.7	1.5	1.2	1.6	1.6	4.8	9.5	e61	30	13	5.7
29	2.7	1.8	1.5	1.3	---	1.5	5.1	9.2	e58	28	13	5.8
30	2.6	1.8	1.5	1.3	---	1.8	5.7	9.3	e52	28	12	5.6
31	2.6	---	e1.4	1.5	---	1.6	---	9.5	---	28	13	---
TOTAL	111.1	63.4	49.0	40.5	42.3	55.1	86.5	248.6	1177	1347	558	252.4
MEAN	3.58	2.11	1.58	1.31	1.51	1.78	2.88	8.02	39.2	43.5	18.0	8.41
MAX	4.5	3.1	1.8	1.5	1.7	2.7	5.7	10	62	56	27	12
MIN	2.6	1.6	1.4	1.1	1.4	1.3	1.5	5.9	11	28	12	5.6
AC-FT	220	126	97	80	84	109	172	493	2330	2670	1110	501

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1948 - 1995, BY WATER YEAR (WY)

MEAN	2.57	1.99	1.63	1.32	1.23	1.46	2.57	9.37	18.1	13.6	7.53	4.18
MAX	3.58	2.43	1.91	1.71	1.53	2.72	5.20	20.9	39.2	43.5	18.0	8.41
(WY)	1995	1994	1948	1948	1949	1949	1952	1952	1995	1995	1995	1995
MIN	1.58	1.43	1.29	.82	.74	1.04	1.32	1.85	4.19	4.90	3.81	2.09
(WY)	1954	1954	1954	1954	1993	1953	1953	1953	1953	1953	1950	1953

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1948 - 1995	
ANNUAL TOTAL	1512.23		4030.9			
ANNUAL MEAN	4.14		11.0		5.49	
HIGHEST ANNUAL MEAN					11.0	1995
LOWEST ANNUAL MEAN					2.51	1953
HIGHEST DAILY MEAN	18	May 31	62	Jun 27	62	Jun 27 1995
LOWEST DAILY MEAN	.93	Feb 28	1.1	Jan 2	.63	Mar 3 1993
ANNUAL SEVEN-DAY MINIMUM	.99	Feb 26	1.2	Jan 1	.65	Feb 28 1993
INSTANTANEOUS PEAK FLOW			80	Jun 29	80	Jun 29 1995
INSTANTANEOUS PEAK STAGE			5.01	Jun 29	5.01	Jun 29 1995
ANNUAL RUNOFF (AC-FT)	3000		8000		3970	
10 PERCENT EXCEEDS	9.7		39		14	
50 PERCENT EXCEEDS	2.8		3.2		2.3	
90 PERCENT EXCEEDS	1.2		1.4		1.2	

e Estimated

SPRING VALLEY

10243700 CLEVE CREEK NEAR ELY, NV

LOCATION.--Lat 39°12'58", long 114°31'44", in SE $^1/_4$ SE $^1/_4$ sec.27, T.16 N., R.66 E., White Pine County, Hydrologic Unit 16060003, on right bank, 2.3 mi downstream from North Fork, 4 mi southwest of Cleveland Ranch headquarters, and 18 mi east of Ely.

DRAINAGE AREA.--31.8 mi^2.

PERIOD OF RECORD.--June 1914 to December 1916 (published as Cleveland Creek near Osceola), October 1959 to September 1967, October 1976 to September 1981, December 1982 to September 1987, March 1990 to current year. Crest-stage partial-record station October 1967 to September 1976.

GAGE.--Water-stage recorder. Elevation of gage is 6,140 ft above sea level, from topographic map. October 1, 1967, to September 30, 1976, crest-stage gage at same site and datum. Prior to September 13, 1984, at site $^1/_4$ mi upstream, at different datum. Prior to April 18, 1985, at different datum. Prior to October 4, 1985, at datum 2.00 ft lower. From November 19, 1986, at site 75 ft downstream at datum, 5.2 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are poor. No diversion above station. Practically entire flow diverted for irrigation by Cleveland Ranch below station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.6	5.5	5.7	e5.7	6.5	8.7	7.8	22	37	45	14	11
2	5.4	5.6	5.7	e6.0	6.7	8.4	7.8	24	55	41	14	11
3	5.4	5.7	5.7	e5.9	6.4	8.4	7.9	24	76	37	14	11
4	5.8	5.9	5.7	e5.7	6.3	8.4	8.4	24	79	36	14	11
5	5.8	5.7	5.7	e5.6	6.3	8.4	9.4	24	86	33	13	10
6	5.7	5.7	5.7	e5.6	6.3	8.4	10	23	102	32	13	10
7	5.6	5.7	5.6	e5.6	6.3	8.3	10	22	92	31	13	9.9
8	5.4	5.7	e5.2	5.5	6.4	8.1	11	21	76	31	13	9.9
9	5.4	5.7	e4.8	5.6	6.3	8.0	11	19	61	31	13	9.9
10	5.3	5.7	4.5	5.5	6.3	8.7	11	18	52	30	13	9.8
11	5.4	5.7	4.0	5.7	6.1	16	10	20	47	29	12	9.7
12	5.4	5.7	4.3	5.6	6.1	14	9.7	22	55	27	12	9.6
13	5.8	5.7	4.4	5.6	6.0	12	9.6	22	81	26	12	9.3
14	5.8	6.0	4.6	5.6	6.0	12	11	22	107	25	12	9.3
15	5.7	6.3	4.6	5.7	8.0	12	11	23	93	24	12	9.2
16	5.7	5.7	4.5	5.5	7.4	13	10	24	95	24	12	9.2
17	5.7	e5.6	4.7	7.1	6.7	12	10	26	88	23	12	9.2
18	5.6	e5.4	5.5	8.8	6.7	13	10	27	75	22	12	9.3
19	5.5	e5.4	5.6	6.3	6.8	14	10	29	61	21	11	9.2
20	5.5	e5.4	6.2	6.2	7.0	13	10	31	55	20	12	9.1
21	5.5	e5.5	6.0	5.6	7.4	13	9.9	36	51	19	12	9.2
22	5.5	5.5	5.5	6.0	8.1	12	10	42	46	19	12	9.0
23	5.4	e5.6	5.5	6.1	8.4	11	11	43	42	18	12	8.9
24	5.4	5.7	5.5	5.6	8.9	10	11	47	45	17	11	8.8
25	5.4	5.7	5.7	5.6	9.0	9.5	12	48	53	17	11	8.7
26	5.4	5.6	5.5	5.6	8.9	9.0	14	45	61	16	11	8.9
27	5.4	e5.6	5.5	5.5	8.9	8.7	15	44	60	16	11	8.7
28	5.4	e5.6	5.5	5.8	8.7	8.4	17	42	61	15	11	8.7
29	5.5	e5.7	5.5	5.5	---	8.3	19	40	60	15	11	8.9
30	5.5	5.7	5.3	5.5	---	8.2	22	37	53	15	11	8.7
31	5.5	---	e5.5	5.8	---	8.0	---	38	---	15	10	---
TOTAL	171.4	170.0	163.7	181.4	198.9	320.9	336.5	929	2005	770	376	285.1
MEAN	5.53	5.67	5.28	5.85	7.10	10.4	11.2	30.0	66.8	24.8	12.1	9.50
MAX	5.8	6.3	6.2	8.8	9.0	16	22	48	107	45	14	11
MIN	5.3	5.4	4.0	5.5	6.0	8.0	7.8	18	37	15	10	8.7
AC-FT	340	337	325	360	395	637	667	1840	3980	1530	746	565

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1914 - 1995, BY WATER YEAR (WY)

MEAN	7.34	7.26	6.77	6.46	6.86	8.51	12.8	23.6	24.7	10.7	8.06	7.36
MAX	16.8	15.3	12.9	11.5	11.8	15.4	30.3	82.9	117	30.0	21.1	16.2
(WY)	1985	1985	1985	1984	1984	1984	1984	1983	1983	1983	1983	1983
MIN	4.54	4.53	4.27	4.05	4.42	4.58	5.20	6.85	5.63	4.60	3.99	3.75
(WY)	1993	1962	1961	1960	1960	1991	1991	1990	1992	1992	1960	1960

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1914 - 1995	
ANNUAL TOTAL	2311.9		5907.9			
ANNUAL MEAN	6.33		16.2		10.2	
HIGHEST ANNUAL MEAN					22.2	1984
LOWEST ANNUAL MEAN					5.15	1960
HIGHEST DAILY MEAN	15	May 15	107	Jun 14	280	May 30 1983
LOWEST DAILY MEAN	4.0	Dec 11	4.0	Dec 11	2.7	Dec 22 1990
ANNUAL SEVEN-DAY MINIMUM	4.4	Dec 10	4.4	Dec 10	3.4	Dec 18 1990
INSTANTANEOUS PEAK FLOW			119	Jun 6	440	May 30 1983
INSTANTANEOUS PEAK STAGE			2.63	Jun 6	unknown	May 30 1983
ANNUAL RUNOFF (AC-FT)	4590		11720		7420	
10 PERCENT EXCEEDS	9.2		42		19	
50 PERCENT EXCEEDS	5.7		9.2		7.3	
90 PERCENT EXCEEDS	5.2		5.5		4.8	

e Estimated

STEPTOE VALLEY BASIN

10244950 STEPTOE CREEK NEAR ELY, NV

(Hydrologic Benchmark Station)

LOCATION.--Lat 39°12'05", long 114°41'15", in SW $^1/_4$ SW $^1/_4$ sec.32, T.16 N., R.65 E., White Pine County, Hydrologic Unit 16060008, in Humboldt National Forest, on left bank, 0.1 mi downstream from Clear Creek, 0.8 mi upstream from Cave Creek, and 11 mi southeast of Ely.

DRAINAGE AREA.--11.1 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1966 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 7,440 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.8	2.6	2.3	2.4	2.8	3.1	3.9	8.3	17	31	18	11
2	2.8	2.7	2.3	2.4	2.8	3.0	3.8	8.8	18	31	18	11
3	2.8	2.5	2.4	2.5	2.8	3.0	3.8	8.9	20	31	18	11
4	2.8	2.5	2.4	2.6	2.8	2.8	3.9	8.8	21	31	17	11
5	2.9	2.7	2.3	2.6	2.8	3.1	4.1	8.8	24	32	17	11
6	2.8	2.7	2.3	2.7	2.9	2.9	4.2	8.9	25	32	17	10
7	2.8	2.5	2.3	2.6	2.9	2.8	4.2	8.8	25	32	17	10
8	2.8	2.5	2.3	2.6	2.9	2.9	4.4	8.5	24	31	16	10
9	2.8	2.5	2.3	2.6	2.8	3.0	4.4	8.5	22	31	16	10
10	2.7	2.5	2.2	2.6	2.8	3.1	4.3	8.8	21	31	15	9.9
11	2.8	2.5	2.3	2.6	2.9	3.3	4.3	9.5	20	30	15	9.9
12	2.8	2.6	2.3	2.6	2.8	3.1	4.3	10	21	29	15	9.7
13	3.0	2.4	2.3	2.6	2.8	3.2	4.2	11	23	29	15	9.6
14	3.0	2.3	2.5	2.7	2.6	3.2	4.4	11	25	28	14	9.5
15	3.0	2.3	2.5	2.7	2.5	3.4	4.4	11	27	27	14	9.4
16	3.0	2.4	2.5	2.7	2.6	3.7	4.4	11	30	27	14	9.4
17	3.0	2.4	2.5	2.7	2.7	3.9	4.3	11	29	26	14	9.3
18	2.9	2.3	2.5	2.6	2.8	4.0	4.4	12	29	25	13	9.2
19	2.8	2.3	2.4	2.7	2.8	4.0	4.3	12	29	25	13	9.1
20	2.8	2.3	2.4	2.7	2.8	4.2	4.2	12	28	24	13	9.1
21	2.8	2.4	2.5	2.7	2.8	4.3	4.2	13	28	24	13	9.1
22	2.8	2.3	2.5	2.7	2.8	4.2	4.3	14	27	23	13	8.8
23	2.8	2.3	2.5	2.7	2.9	4.2	4.3	14	26	23	13	8.7
24	2.8	2.3	2.6	2.7	2.9	3.9	4.5	14	26	22	12	8.6
25	2.7	2.3	2.6	2.8	3.0	4.1	5.1	14	26	22	12	8.6
26	2.7	2.3	2.6	2.8	3.0	4.1	5.9	15	28	21	12	8.6
27	2.7	2.3	2.6	2.7	3.1	3.9	6.5	15	29	21	12	8.4
28	2.7	2.3	2.6	2.6	3.1	3.8	7.1	15	30	21	12	8.4
29	2.7	2.3	2.5	2.7	---	3.9	7.6	15	31	20	12	8.4
30	2.6	2.3	2.5	2.7	---	3.8	8.0	15	31	20	12	8.4
31	2.6	---	2.4	2.7	---	3.9	---	16	---	19	11	---
TOTAL	87.0	72.6	75.2	82.0	79.2	109.8	141.7	357.6	760	819	443	285.1
MEAN	2.81	2.42	2.43	2.65	2.83	3.54	4.72	11.5	25.3	26.4	14.3	9.50
MAX	3.0	2.7	2.6	2.8	3.1	4.3	8.0	16	31	32	18	11
MIN	2.6	2.3	2.2	2.4	2.5	2.8	3.8	8.3	17	19	11	8.4
AC-FT	173	144	149	163	157	218	281	709	1510	1620	879	565

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 1995, BY WATER YEAR (WY)

MEAN	5.05	4.57	4.09	3.71	3.65	4.13	6.25	12.8	16.0	10.7	7.09	5.67
MAX	10.7	9.74	8.49	7.02	7.09	8.85	13.9	39.7	59.4	33.5	18.0	11.9
(WY)	1983	1983	1983	1984	1984	1983	1984	1983	1983	1983	1983	1983
MIN	2.22	2.04	1.94	1.89	1.81	1.94	2.34	2.48	3.52	2.71	2.20	2.16
(WY)	1993	1993	1993	1993	1993	1991	1991	1991	1992	1992	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1966 - 1995	
ANNUAL TOTAL	1211.0		3312.2			
ANNUAL MEAN	3.32		9.07		7.07	
HIGHEST ANNUAL MEAN					18.9	1983
LOWEST ANNUAL MEAN					2.84	1990
HIGHEST DAILY MEAN	6.9	May 16	32	Jul 5	73	May 29 1983
LOWEST DAILY MEAN	2.2	Dec 10	2.2	Dec 10	1.6	Feb 20 1993
ANNUAL SEVEN-DAY MINIMUM	2.3	Dec 5	2.3	Dec 5	1.7	Feb 20 1993
INSTANTANEOUS PEAK FLOW			32	Jul 1	85	Jul 21 1985
INSTANTANEOUS PEAK STAGE			2.35	Jul 1	3.11	Jul 21 1985
ANNUAL RUNOFF (AC-FT)	2400		6570		5120	
10 PERCENT EXCEEDS	5.1		25		14	
50 PERCENT EXCEEDS	2.8		4.1		4.7	
90 PERCENT EXCEEDS	2.5		2.5		2.6	

STEPTOE VALLEY BASIN

10244950 STEPTOE CREEK NEAR ELY, NV--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--Water years 1991 to current year.

INSTRUMENTATION.--Recording-weighing gage since July 1991.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily precipitation, 0.86 in., May 24, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum daily precipitation, 0.86 in., May 24.

RAINFALL ACCUMULATED (INCHES), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.07	.07	.05	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.09	.45	.00	.00	.00
3	.00	.00	.00	.00	.00	.10	.00	.10	.25	.02	.00	.00
4	.16	.16	.00	.00	.00	.32	.00	.00	.02	.00	.00	.00
5	.23	.00	.00	.00	.00	.06	.00	.35	.14	.00	.00	.00
6	.02	.00	.00	.00	.00	.00	.00	.09	.10	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.14	.10	.00	.00	.00
8	.00	.00	.00	.15	.14	.00	.00	.03	.71	.12	.00	.00
9	.00	.00	.00	.08	.13	.00	.00	.14	.05	.00	.00	.00
10	.00	.00	.00	.00	.00	.36	.10	.02	.00	.02	.00	.01
11	.00	.27	.00	.45	.00	.57	.03	.22	.00	.01	.00	.00
12	.00	.08	.00	.11	.00	.14	.00	.13	.00	.02	.00	.00
13	.29	.00	.00	.35	.00	.00	.00	.13	.00	.00	.00	.00
14	.25	.00	.00	.13	.00	.00	.00	.05	.02	.00	.00	.00
15	.03	.23	.00	.00	.13	.00	.00	.38	.01	.00	.00	.00
16	.00	.00	.19	---	.27	.00	.03	.03	.69	.00	.00	.00
17	.00	.06	.14	---	.00	.00	.24	.00	.00	.05	.00	.00
18	.00	.06	.00	---	.00	.00	.31	.00	.01	.00	.00	.00
19	.00	.06	.00	---	.00	.00	.16	.00	.00	.00	.00	.00
20	.00	.00	.00	---	.00	.00	.06	.00	.02	.00	.04	.00
21	.00	.22	.00	---	.00	.04	.60	.00	.00	.00	.07	.00
22	.00	.21	.00	---	.00	.08	.04	.00	.00	.00	.04	.01
23	.00	.21	.00	---	.00	.00	.00	.04	.00	.01	.07	.00
24	.00	.00	.00	---	.00	.00	.00	.86	.00	.00	.00	.00
25	.00	.00	.24	---	.00	.35	.00	.45	.00	.00	.01	.00
26	.00	.00	.06	---	.00	.00	.00	.07	.00	.00	.01	.00
27	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.25	.00	---	---	.00	.05	.00	.05	.00	.09	.00
30	.00	.25	.00	---	---	.00	.02	.00	.21	.00	.00	.01
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.98	2.06	0.63	---	0.67	2.02	1.64	3.39	2.90	0.30	0.33	0.03

STEPTOE VALLEY BASIN

10244950 STEPTOE CREEK NEAR ELY, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1967 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Water years 1967 to 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum daily, 11.0°C, on several days in May 1968, July 31 to September 9, 1969, and July 17, 1979; minimum daily, 2.5°C, December 9, 1972.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
NOV											
28...	1423	2.4	326	8.5	-3.5	5.0	0.80	583	9.8	101	--
FEB											
22...	1000	3.8	324	8.4	1.5	5.5	0.50	592	11.4	117	<1
MAY											
17...	1000	11	382	8.5	16.0	8.0	7.1	583	9.2	102	K4
AUG											
29...	0917	12	330	8.3	13.0	7.0	0.60	588	9.4	101	K3

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
NOV											
28...	--	180	55	11	1.6	0.0	0.50	181	12	168	6.1
FEB											
22...	K3	180	55	11	1.6	0.0	0.50	193	5	166	5.7
MAY											
17...	K11	210	70	8.7	2.2	0.1	0.60	216	12	197	8.7
AUG											
29...	K34	170	53	9.2	1.6	0.0	0.50	184	6	162	7.1

DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)
NOV										
28...	0.80	<0.10	6.9	186	184	0.25	<0.010	0.130	<0.015	<0.20
FEB										
22...	1.9	0.10	6.9	186	183	0.25	<0.010	0.120	<0.015	<0.20
MAY										
17...	1.9	<0.10	8.0	226	220	0.31	<0.010	0.260	<0.015	<0.20
AUG										
29...	0.90	<0.10	6.7	179	176	0.24	<0.010	0.170	<0.015	<0.20

DATE	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)
NOV										
28...	<0.010	<0.010	<0.010	<10	39	<3	3	<4	<1	10
FEB										
22...	<0.010	<0.010	<0.010	<10	38	<3	<3	<4	<1	<10
MAY										
17...	0.020	<0.010	<0.010	<10	40	<3	4	<4	1	<10
AUG										
29...	0.020	<0.010	<0.010	<10	38	<3	<3	<4	<1	10

STEPTOE VALLEY BASIN

10244950 STEPTOE CREEK NEAR ELY, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L) (09511)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
NOV										
28...	<1	<1	<1.0	79	<6	--	--	17	0.11	51
FEB										
22...	<1	<1	<1.0	78	<6	--	--	17	0.17	87
MAY										
17...	1	<1	<1.0	97	<6	<0.02	0.64	85	2.5	58
AUG										
29...	<1	<1	<1.0	76	<6	0.06	0.39	15	0.47	53

K: ESTIMATED BASED ON NON-IDEAL COLONY COUNT

MONITOR VALLEY-DIAMOND VALLEY SYSTEM

10245900 PINE CREEK NEAR BELMONT, NV

LOCATION.--Lat 38°47'40", long 116°51'13", in NW $^1/_4$ SE $^1/_4$ sec.13, T.11 N., R.45 E., Nye County, Hydrologic Unit 16060005, on right bank, 2.9 mi west of Pine Creek Ranch, and 7.2 mi north of Belmont.

DRAINAGE AREA.--12.2 mi^2.

PERIOD OF RECORD.--October 1977 to current year.

GAGE.--Water-stage recorder. Elevation of gage 7,560 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. No diversions above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.5	1.5	1.5	1.2	1.3	1.4	3.0	9.9	37	54	e13	6.5
2	1.5	1.5	1.5	1.2	1.4	1.4	3.1	11	41	37	e13	6.4
3	1.5	1.4	1.5	1.2	1.4	1.4	3.3	11	46	41	e13	6.7
4	1.6	1.2	1.5	1.2	1.4	1.3	3.5	10	53	40	e13	7.6
5	1.6	1.6	1.5	1.2	1.4	1.4	3.5	10	56	37	e12	6.7
6	1.5	1.6	1.4	1.2	1.4	1.3	3.5	10	58	39	e12	6.5
7	1.5	1.6	1.4	1.2	1.4	1.3	3.5	9.4	51	38	e12	6.5
8	1.5	1.6	1.2	1.2	1.4	1.4	3.5	8.9	48	35	e11	6.3
9	1.5	1.5	1.2	1.2	1.4	1.4	3.5	8.8	51	33	e11	6.2
10	1.5	1.4	1.2	1.3	1.3	2.3	3.5	9.2	50	34	11	6.0
11	1.5	1.3	1.2	1.3	1.3	3.5	3.4	11	70	32	11	5.9
12	1.5	1.3	1.2	1.3	1.3	3.4	3.3	12	107	29	11	5.7
13	1.4	1.4	1.2	1.3	1.2	3.0	3.4	13	114	25	10	5.6
14	1.5	1.2	1.2	1.3	1.3	3.0	3.5	12	145	23	9.8	5.6
15	1.6	1.3	1.2	1.3	1.2	3.4	3.5	12	97	22	9.3	5.4
16	1.6	1.4	1.2	1.3	1.4	3.5	3.4	11	89	21	9.2	5.6
17	1.6	1.4	1.2	1.2	1.3	3.3	3.2	10	76	21	9.1	5.4
18	1.6	1.4	1.2	1.2	1.3	3.2	3.2	10	68	20	8.9	5.2
19	1.6	1.4	1.2	1.2	1.3	3.5	3.1	12	65	19	8.3	5.3
20	1.6	1.4	1.3	1.2	1.3	3.5	3.1	18	67	17	8.0	4.7
21	1.5	1.4	1.3	1.2	1.3	4.0	3.0	23	65	17	13	5.0
22	1.5	1.4	1.3	1.2	1.4	3.9	3.0	28	68	16	11	5.0
23	1.5	1.4	1.3	1.2	1.5	3.6	3.3	29	77	15	10	4.8
24	1.5	1.4	1.3	1.2	1.5	3.2	3.9	28	91	14	9.0	4.7
25	1.5	1.4	1.3	1.2	1.5	2.9	4.5	25	106	14	8.5	4.6
26	1.5	1.4	1.3	1.2	1.5	2.7	5.1	23	107	e16	8.1	4.6
27	1.5	1.4	1.3	1.2	1.5	2.8	5.8	22	103	e15	7.8	4.5
28	1.5	1.3	1.3	1.2	1.5	2.7	6.4	22	99	e14	7.4	4.4
29	1.5	1.4	1.3	1.2	---	2.4	7.0	24	72	e13	7.1	4.9
30	1.5	1.4	1.3	1.2	---	2.3	8.4	27	64	e13	6.8	4.9
31	1.5	---	1.2	1.3	---	2.6	---	32	---	e13	6.5	---
TOTAL	47.2	42.3	40.2	38.0	38.4	81.0	117.4	502.2	2241	777	310.8	167.2
MEAN	1.52	1.41	1.30	1.23	1.37	2.61	3.91	16.2	74.7	25.1	10.0	5.57
MAX	1.6	1.6	1.5	1.3	1.5	4.0	8.4	32	145	54	13	7.6
MIN	1.4	1.2	1.2	1.2	1.2	1.3	3.0	8.8	37	13	6.5	4.4
AC-FT	94	84	80	75	76	161	233	996	4450	1540	616	332

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 1995, BY WATER YEAR (WY)

MEAN	2.19	1.76	1.46	1.31	1.26	1.65	3.23	16.7	23.6	7.43	3.72	2.38
MAX	4.63	3.06	2.47	2.00	1.90	2.71	9.46	43.7	74.7	25.1	10.7	6.41
(WY)	1985	1985	1984	1984	1984	1983	1985	1983	1995	1995	1984	1984
MIN	1.32	.99	.98	.83	.75	.89	1.1e	1.77	6.38	1.68	1.18	.83
(WY)	1993	1986	1993	1987	1987	1987	1991	1991	1989	1994	1994	1987

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1978 - 1995	
ANNUAL TOTAL	951.62		4402.7			
ANNUAL MEAN	2.61		12.1		5.56	
HIGHEST ANNUAL MEAN					13.8	1983
LOWEST ANNUAL MEAN					2.23	1990
HIGHEST DAILY MEAN	21	May 31	145	Jun 14	290	May 29 1983
LOWEST DAILY MEAN	.81	Feb 5	1.2	Nov 4	.56	Nov 20 1977
ANNUAL SEVEN-DAY MINIMUM	.82	Feb 10	1.2	Dec 8	.68	Jan 24 1987
INSTANTANEOUS PEAK FLOW			185	Jun 14	340	May 29 1983
INSTANTANEOUS PEAK STAGE			2.92	Jun 14	4.66	May 29 1983
ANNUAL RUNOFF (AC-FT)	1890		8730		4030	
10 PERCENT EXCEEDS	7.1		37		13	
50 PERCENT EXCEEDS	1.3		3.3		1.9	
90 PERCENT EXCEEDS	.97		1.2		1.1	

e Estimated

MONITOR VALLEY-DIAMOND VALLEY SYSTEM

10245910 MOSQUITO CREEK NEAR BELMONT, NV

LOCATION.--Lat 38°48'22", long 116°40'43", in NW 1/4 SW 1/4 sec.10, T.11 N., R.47 E., Nye County, Hydrologic Unit 16060005, 17.9 mi northeast of Belmont, 27.4 mi east of Carvers on State Highway 376, and 59 mi northeast of Tonopah.

DRAINAGE AREA.--15.1 mi^2.

PERIOD OF RECORD.--October 1977 to September 1982, October 1983 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 7,200 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 29, 1983; discharge, 119 ft^3/s, gage height, 5.00 ft. Runoff from snowmelt.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.44	.67	e.35	.35	.49	.57	1.1	5.3	27	e39	e6.5	3.4
2	.44	.67	e.36	.36	.52	.57	1.1	6.0	29	e31	e6.0	3.3
3	.44	.56	e.36	.36	.52	.57	1.1	5.7	34	e30	e5.6	3.3
4	.44	.49	e.36	.35	.52	.55	1.1	5.6	44	e29	e5.4	3.4
5	.46	.57	e.36	.34	.52	.57	1.2	5.5	48	e28	e5.4	3.4
6	.50	.57	e.36	.35	.52	.50	1.2	e5.5	42	e26	e5.2	3.0
7	.52	.57	e.36	.39	.52	.47	1.2	e5.6	42	e24	e5.1	2.6
8	.52	.57	e.36	.43	.52	.57	1.2	e5.7	44	e23	e4.9	2.5
9	.52	.57	e.35	.47	.52	.53	1.2	e5.9	44	e21	4.7	2.5
10	.52	.57	.33	.50	.51	.63	1.1	e6.4	46	e19	4.5	2.6
11	.52	.51	.33	.52	.50	.79	1.1	e7.0	48	e18	4.8	2.6
12	.52	.52	.34	.52	.54	.79	1.1	e7.7	53	e17	5.0	2.4
13	.52	.50	.36	.52	.53	.79	1.1	e7.9	59	e16	4.9	2.1
14	.52	.43	.36	.52	.50	.82	1.1	e7.8	72	e15	4.8	2.1
15	.56	.50	.36	.52	.50	.89	1.1	e7.2	78	e14	4.9	2.1
16	.57	.52	.35	.50	.57	.92	1.1	e6.8	76	e14	4.9	2.1
17	.57	.49	.33	.53	.54	.92	1.1	e6.6	71	e13	4.8	2.1
18	.57	.48	.33	.57	.52	.92	1.1	e6.8	64	e12	4.7	2.0
19	.61	.48	.33	.57	.52	.92	1.0	7.2	63	e12	4.6	2.1
20	.67	.50	.33	.57	.54	.99	1.0	7.7	63	e11	4.7	2.0
21	.71	.49	.33	.57	.57	1.1	1.0	8.6	63	e11	4.7	1.8
22	.73	.41	.33	.57	.55	1.1	1.0	10	61	e10	4.6	1.8
23	.73	.46	.33	.57	.52	1.1	1.2	12	63	e9.3	4.6	1.8
24	.67	.48	.32	.52	.52	1.0	1.5	13	65	e9.0	4.7	1.8
25	.67	.44	.29	.52	.54	1.0	2.3	15	69	e8.4	4.5	1.9
26	.71	.42	.27	.52	.57	1.1	3.0	15	71	e9.0	4.3	2.0
27	.73	.35	.27	.52	.57	1.1	3.7	16	71	e8.8	4.2	2.0
28	.73	.33	.27	.52	.57	1.1	3.9	17	72	e8.3	4.0	2.0
29	.68	.30	.27	.52	---	1.1	4.1	18	e63	e7.9	4.0	2.0
30	.67	e.33	.27	.52	---	1.1	4.6	20	e56	e7.1	3.8	2.0
31	.67	---	.30	.53	---	1.1	---	23	---	e6.8	3.6	---
TOTAL	18.13	14.75	10.22	15.12	14.83	26.18	48.6	297.5	1701	507.6	148.4	70.7
MEAN	.58	.49	.33	.49	.53	.84	1.62	9.60	56.7	16.4	4.79	2.36
MAX	.73	.67	.36	.57	.57	1.1	4.6	23	78	39	6.5	3.4
MIN	.44	.30	.27	.34	.49	.47	1.0	5.3	27	6.8	3.6	1.8
AC-FT	36	29	20	30	29	52	96	590	3370	1010	294	140

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 1995, BY WATER YEAR (WY)

MEAN	.73	.68	.56	.50	.51	.69	1.61	6.54	10.4	3.15	1.25	.81
MAX	1.49	1.20	1.11	.91	1.02	1.47	3.66	17.3	56.7	16.4	4.79	2.36
(WY)	1984	1984	1984	1984	1988	1988	1985	1979	1995	1995	1995	1995
MIN	.24	.21	.18	.16	.095	.27	.53	1.26	2.01	.66	.20	.082
(WY)	1978	1978	1978	1991	1987	1991	1991	1991	1989	1990	1990	1990

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1978 - 1995	
ANNUAL TOTAL	310.96		2873.03			
ANNUAL MEAN	.85		7.87		2.29	
HIGHEST ANNUAL MEAN					7.87	1995
LOWEST ANNUAL MEAN					.66	1990
HIGHEST DAILY MEAN	4.4	May 31	78	Jun 15	79	Jun 8 1978
LOWEST DAILY MEAN	.24	Feb 28	.27	Dec 26	.04	Sep 12 1990
ANNUAL SEVEN-DAY MINIMUM	.26	Feb 27	.28	Dec 25	.04	Sep 10 1990
INSTANTANEOUS PEAK FLOW			79	Jun 15	92	Jun 7 1978
INSTANTANEOUS PEAK STAGE			3.51	Jun 15	3.55	Jun 7 1978
ANNUAL RUNOFF (AC-FT)	617		5700		1660	
10 PERCENT EXCEEDS	2.2		25		4.3	
50 PERCENT EXCEEDS	.48		1.1		.78	
90 PERCENT EXCEEDS	.31		.36		.31	

e Estimated

MONITOR VALLEY-DIAMOND VALLEY SYSTEM

10245925 STONEBERGER CREEK NEAR AUSTIN, NV

LOCATION.--Lat 39°08'24", long 116°43'12", in SE $^1/_4$ NE $^1/_4$ sec.18, T.15 N., R.47 E., Nye County, Hydrologic Unit 16060005, on left bank, 2 mi southwest of Monitor Ranch, and 42 mi north of Belmont.

DRAINAGE AREA.--35.6 mi^2.

PERIOD OF RECORD.--October 1977 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,880 ft above sea level, from topographic map. Prior to October 1, 1990, at datum 2.00 ft lower.

REMARKS.--No estimated daily discharges. Records fair.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.13	.28	.38	.21	.22	.25	.25	.25	8.0	14	4.3	1.9
2	.11	.28	.38	.22	.22	.25	.25	.25	10	14	4.1	2.0
3	.10	.28	.38	.22	.22	.25	.25	.25	13	12	4.2	2.0
4	.10	.26	.36	.22	.22	.25	.25	.25	17	12	4.1	2.0
5	.10	.30	.34	.21	.22	.25	.26	.25	22	11	3.9	1.9
6	.10	.31	.34	.20	.23	.27	.28	.23	26	11	3.6	1.7
7	.12	.31	.34	.20	.23	.28	.28	.23	27	11	3.5	1.7
8	.13	.31	.30	.20	.22	.28	.28	.25	26	10	3.4	1.6
9	.13	.31	.30	.21	.22	.28	.28	.25	24	9.9	3.3	1.6
10	.14	.31	.31	.19	.22	.29	.27	.25	21	9.4	3.1	1.5
11	.15	.29	.31	.20	.22	.32	.28	.25	20	9.1	3.1	1.5
12	.15	.29	.30	.18	.22	.26	.28	.25	20	8.7	3.0	1.4
13	.19	.33	.28	.18	.22	.25	.28	.25	22	8.6	2.9	1.4
14	.17	.30	.28	.22	.21	.25	.28	.23	24	8.2	2.8	1.3
15	.17	.32	.28	.22	.20	.25	.28	.22	24	7.8	2.7	1.3
16	.17	.34	.28	.18	.23	.25	.28	.22	24	7.5	2.6	1.3
17	.17	.34	.28	.19	.25	.25	.28	.22	24	7.4	2.5	1.3
18	.18	.32	.28	.19	.25	.25	.28	.24	22	7.4	2.5	1.3
19	.17	.32	.28	.20	.24	.25	.28	.23	21	6.9	2.4	1.2
20	.17	.36	.27	.20	.25	.25	.28	.26	20	6.6	2.3	1.2
21	.17	.35	.25	.20	.26	.27	.28	.28	19	6.4	2.5	1.2
22	.21	.33	.25	.19	.25	.24	.28	.28	18	6.1	2.8	1.3
23	.22	.33	.25	.20	.25	.25	.28	.36	17	6.0	3.0	1.2
24	.23	.34	.25	.20	.25	.22	.28	1.8	16	5.7	3.5	1.2
25	.23	.34	.25	.20	.25	.26	.28	2.5	15	5.5	2.7	1.1
26	.22	.34	.25	.20	.25	.28	.25	3.0	15	5.2	2.4	1.1
27	.22	.34	.25	.19	.25	.26	.25	3.5	14	5.1	2.3	1.1
28	.22	.34	.24	.20	.25	.25	.25	4.0	14	4.9	2.2	1.1
29	.25	.36	.22	.20	---	.25	.25	4.7	14	4.6	2.1	1.2
30	.28	.39	.22	.20	---	.25	.25	5.3	14	4.6	2.1	1.2
31	.28	---	.20	.22	---	.25	---	6.4	---	4.4	2.0	---
TOTAL	5.38	9.62	8.90	6.24	6.52	8.01	8.10	36.95	571.0	251.0	91.9	42.7
MEAN	.17	.32	.29	.20	.23	.26	.27	1.19	19.0	8.10	2.96	1.42
MAX	.28	.39	.38	.22	.26	.32	.28	6.4	27	14	4.3	2.0
MIN	.10	.26	.20	.18	.20	.22	.25	.22	8.0	4.4	2.0	1.1
AC-FT	11	19	18	12	13	16	16	73	1130	498	182	85

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 1995, BY WATER YEAR (WY)

MEAN	.53	.54	.52	.50	.54	.66	1.26	5.26	6.79	2.13	1.10	.68
MAX	2.10	2.12	1.97	1.69	1.74	1.84	4.59	33.9	50.4	9.96	4.90	2.72
(WY)	1984	1984	1984	1984	1984	1984	1984	1983	1983	1983	1983	1984
MIN	.078	.089	.11	.12	.17	.19	.21	.19	.15	.13	.16	.099
(WY)	1992	1992	1992	1992	1990	1994	1990	1991	1994	1990	1990	1991

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1978 - 1995	
ANNUAL TOTAL	76.16		1046.32			
ANNUAL MEAN	.21		2.87		1.71	
HIGHEST ANNUAL MEAN					9.22	1983
LOWEST ANNUAL MEAN					.19	1990
HIGHEST DAILY MEAN	.41	Jul 30	27	Jun 7	104	May 30 1983
LOWEST DAILY MEAN	.08	Sep 28	.10	Oct 3	.07	Sep 29 1991
ANNUAL SEVEN-DAY MINIMUM	.10	Sep 22	.11	Oct 1	.07	Dec 20 1991
INSTANTANEOUS PEAK FLOW			28	Jun 7	220	Aug 14 1991
INSTANTANEOUS PEAK STAGE			4.22	Jun 16	6.64	Aug 14 1991
ANNUAL RUNOFF (AC-FT)	151		2080		1240	
10 PERCENT EXCEEDS	.31		10		3.0	
50 PERCENT EXCEEDS	.20		.28		.39	
90 PERCENT EXCEEDS	.11		.20		.17	

BIG SMOKY VALLEY (NORTHERN PART)

10249280 KINGSTON CREEK BELOW COUGAR CANYON, NEAR AUSTIN, NV

LOCATION.--Lat 39°12'45", long 117°06'45", in NE $^1/_4$ NW $^1/_4$ sec.35, T.16 N., R.43 E., Lander County, Hydrologic Unit 16060004, in Toiyabe National Forest, on left bank, 1.1 mi downstream from Cougar Canyon, and 19 mi southeast of Austin.

DRAINAGE AREA.--23.4 mi^2.

PERIOD OF RECORD.--October 1966 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,480 ft above sea level, from topographic map. August 22, 1975, to June 25, 1985, at site 40 ft upstream at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Two diversions above station. Flow affected by storage in Groves Reservoir, capacity, 190 acre-ft about 4 mi upstream since January 1970, when installation was completed by Nevada Department of Fish and Game for fishery enhancement and recreation.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.9	5.0	4.6	5.4	4.6	4.6	9.6	22	84	45	25	15
2	5.7	5.1	4.6	4.8	4.6	4.6	9.6	24	82	47	25	14
3	5.7	5.1	4.7	4.8	4.6	4.6	9.4	24	86	37	25	15
4	5.7	5.2	4.7	4.8	4.7	4.6	9.4	26	91	36	25	18
5	5.7	5.2	4.7	4.9	4.7	4.6	8.8	28	84	37	24	17
6	5.7	5.2	4.6	4.7	4.8	4.6	9.4	29	92	36	24	14
7	5.6	5.4	4.8	4.7	4.8	4.7	10	34	88	33	25	13
8	5.7	5.4	4.7	4.6	4.8	4.6	10	32	49	33	23	12
9	6.0	5.2	4.8	4.7	4.8	4.8	10	31	66	29	20	11
10	6.0	5.4	4.8	5.0	4.8	6.6	10	33	79	28	20	11
11	6.0	5.4	4.9	4.9	4.7	7.4	11	42	55	31	19	11
12	6.0	5.4	4.8	4.9	4.6	7.9	11	43	79	26	18	11
13	6.0	5.3	4.8	4.9	4.6	7.7	11	42	75	26	18	11
14	6.0	5.0	4.7	4.9	4.6	7.7	11	48	64	26	18	11
15	6.0	4.9	4.8	4.9	4.2	8.2	12	40	72	25	19	11
16	6.0	4.9	4.8	4.9	4.3	8.3	12	e39	77	24	18	11
17	6.0	4.5	4.8	4.9	4.3	8.3	12	e52	74	26	18	11
18	5.8	4.5	4.8	4.7	4.3	8.7	12	61	57	25	18	11
19	e5.5	5.0	4.9	4.7	4.3	9.5	12	58	56	23	18	12
20	e5.5	5.0	4.8	4.6	4.3	9.8	12	48	56	22	19	12
21	e5.5	5.0	4.8	4.6	4.2	10	13	59	53	22	18	12
22	e5.5	5.1	4.8	4.4	3.9	9.8	13	56	46	22	17	12
23	e5.3	4.9	4.8	4.4	3.9	9.1	14	54	49	22	16	12
24	e5.3	4.9	4.8	4.4	3.9	8.9	15	76	54	22	15	11
25	e5.3	4.9	4.7	4.5	3.9	9.2	16	94	55	22	15	11
26	5.1	4.9	4.7	4.5	4.0	9.0	17	99	56	22	14	11
27	5.1	4.9	4.6	4.4	4.2	8.8	18	91	57	22	14	11
28	5.1	4.9	4.8	4.4	4.3	8.8	19	94	56	22	14	10
29	5.1	4.9	4.7	4.4	---	9.4	21	87	50	22	15	9.5
30	5.1	4.8	4.7	4.5	---	9.4	22	101	44	22	15	9.3
31	5.1	---	5.0	4.7	---	9.5	---	86	---	25	14	---
TOTAL	174.0	151.3	147.5	145.9	123.7	233.7	380.2	1653	1986	860	586	360.8
MEAN	5.61	5.04	4.76	4.71	4.42	7.54	12.7	53.3	66.2	27.7	18.9	12.0
MAX	6.0	5.4	5.0	5.4	4.8	10	22	101	92	47	25	18
MIN	5.1	4.5	4.6	4.4	3.9	4.6	8.8	22	44	22	14	9.3
AC-FT	345	300	293	289	245	464	754	3280	3940	1710	1160	716

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1995, BY WATER YEAR (WY)

MEAN	6.26	5.63	5.01	4.64	4.49	5.11	7.86	18.7	22.6	13.7	9.61	7.49
MAX	12.9	12.7	10.3	9.62	8.86	11.6	45.3	106	73.7	30.8	19.6	13.6
(WY)	1984	1984	1984	1984	1984	1984	1984	1984	1975	1983	1984	1984
MIN	3.17	3.14	2.85	2.64	2.75	2.96	2.99	4.71	6.10	5.92	4.24	3.76
(WY)	1967	1967	1967	1967	1982	1967	1967	1968	1981	1992	1972	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1967 - 1995	
ANNUAL TOTAL	2400.3		6802.1			
ANNUAL MEAN	6.58		18.6		9.28	
HIGHEST ANNUAL MEAN					29.3	1984
LOWEST ANNUAL MEAN					4.65	1982
HIGHEST DAILY MEAN	17	Jun 20	101	May 30	240	May 28 1983
LOWEST DAILY MEAN	3.1	Feb 20	3.9	Feb 22	1.7	Dec 28 1966
ANNUAL SEVEN-DAY MINIMUM	3.2	Feb 18	4.0	Feb 21	2.0	Dec 24 1966
INSTANTANEOUS PEAK FLOW			234	Jun 3	385	May 28 1983
INSTANTANEOUS PEAK STAGE			3.86	Jun 3	3.86	Jun 3 1995
ANNUAL RUNOFF (AC-FT)	4760		13490		6720	
10 PERCENT EXCEEDS	13		54		15	
50 PERCENT EXCEEDS	5.1		9.5		6.1	
90 PERCENT EXCEEDS	3.3		4.6		3.6	

e Estimated

BIG SMOKY VALLEY (NORTHERN PART)

10249300 SOUTH TWIN RIVER NEAR ROUND MOUNTAIN, NV

(Hydrologic Benchmark Station)

LOCATION.--Lat 38°53'15", long 117°14'40", in SW $^1/_4$ NE $^1/_4$ sec.22, T.12 N., R.42 E., Nye County, Hydrologic Unit 16060004, in Toiyabe National Forest, on right bank, 600 ft upstream from diversion, 3 mi west of State Highway 376, and 15 mi northwest of Round Mountain.

DRAINAGE AREA.--20 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--1964 (miscellaneous site), 1965 (low-flow, partial-record site), August 1965 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,400 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	2.0	e2.6	e2.5	7.0	4.8	8.1	31	77	51	11	5.2
2	1.3	2.1	e2.6	e2.5	7.5	4.6	8.2	35	82	48	10	5.3
3	1.3	2.0	e2.7	e2.4	6.9	4.4	8.3	33	82	46	9.7	5.5
4	1.6	2.2	e2.7	e2.4	6.4	4.2	9.2	31	88	46	9.3	5.2
5	2.6	2.1	e2.7	e2.3	6.4	4.1	11	31	88	44	8.8	4.9
6	2.1	2.1	e2.7	e2.3	6.4	3.8	12	29	81	43	8.4	4.4
7	1.8	2.2	e2.7	e2.3	6.3	3.6	12	25	68	42	8.0	4.1
8	1.7	2.3	e2.7	e2.3	6.1	3.5	13	23	55	41	7.9	4.0
9	1.6	2.2	e2.7	e2.3	5.6	3.5	12	22	46	41	7.6	4.1
10	1.5	2.3	e2.8	e2.2	5.2	9.9	11	24	41	40	7.2	4.1
11	1.4	2.2	e2.8	e2.2	4.9	25	11	26	43	39	8.3	3.9
12	1.5	2.1	e2.8	e2.2	4.7	18	11	30	56	37	8.1	3.7
13	1.6	2.2	e2.8	2.3	4.4	18	11	30	66	34	7.8	3.3
14	1.6	2.0	e2.8	2.4	4.3	24	11	29	70	31	7.6	3.1
15	1.8	2.2	e2.8	2.5	e4.0	23	11	30	62	28	7.5	2.9
16	1.8	2.6	e2.8	2.9	3.8	24	11	30	53	26	7.3	2.8
17	1.8	e2.5	e2.9	e2.9	3.9	20	11	30	47	26	7.3	3.1
18	1.9	e2.5	e2.9	e2.8	3.7	19	11	34	42	24	7.4	3.1
19	1.8	e2.5	e2.9	e2.7	3.6	21	12	41	41	22	7.0	3.1
20	1.8	e2.5	e2.9	e2.7	3.7	19	12	53	42	21	7.3	3.0
21	1.8	e2.5	e2.9	e2.6	3.9	19	11	68	41	20	7.6	3.0
22	1.8	e2.5	e2.9	e2.6	4.2	17	10	85	41	19	8.1	2.8
23	1.8	e2.5	e2.9	e2.5	4.3	15	12	84	42	18	8.3	2.7
24	1.8	e2.5	e2.9	e2.5	4.4	13	17	74	44	16	8.0	2.7
25	1.8	e2.5	e2.8	e2.5	4.7	11	22	62	50	15	7.3	2.6
26	1.9	e2.6	e2.8	2.4	4.8	10	24	55	56	14	6.7	2.5
27	1.9	e2.6	e2.7	2.4	4.8	9.4	25	52	56	14	6.4	2.5
28	2.0	e2.6	e2.7	2.4	4.8	9.0	26	50	56	13	6.1	2.5
29	2.1	e2.6	e2.6	2.5	---	8.3	27	53	57	12	6.0	2.7
30	2.0	e2.6	e2.6	3.0	---	7.7	29	58	53	12	5.6	3.0
31	2.0	---	e2.5	4.6	---	7.5	---	65	---	11	5.3	---
TOTAL	54.8	70.3	85.6	79.1	140.7	384.3	419.8	1323	1726	894	238.9	105.8
MEAN	1.77	2.34	2.76	2.55	5.02	12.4	14.0	42.7	57.5	28.8	7.71	3.53
MAX	2.6	2.6	2.9	4.6	7.5	25	29	85	88	51	11	5.5
MIN	1.3	2.0	2.5	2.2	3.6	3.5	8.1	22	41	11	5.3	2.5
AC-FT	109	139	170	157	279	762	833	2620	3420	1770	474	210

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 1995, BY WATER YEAR (WY)

MEAN	2.41	2.58	2.34	2.25	2.57	4.61	9.14	24.7	17.8	5.61	2.78	2.25
MAX	5.37	5.58	5.80	6.25	5.66	12.4	22.3	92.0	72.3	28.8	11.1	6.24
(WY)	1984	1984	1984	1984	1984	1995	1969	1983	1983	1995	1983	1983
MIN	1.25	1.37	1.06	.92	1.08	1.74	3.31	4.03	4.17	1.37	.88	.51
(WY)	1987	1991	1991	1991	1994	1991	1970	1990	1990	1966	1994	1987

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1965 - 1995	
ANNUAL TOTAL	1248.89		5522.3			
ANNUAL MEAN	3.42		15.1		6.60	
HIGHEST ANNUAL MEAN					20.1	1983
LOWEST ANNUAL MEAN					2.40	1990
HIGHEST DAILY MEAN	17	May 16	88	Jun 4	338	May 29 1983
LOWEST DAILY MEAN	.60	Sep 1	1.3	Oct 2	.35	Aug 27 1991
ANNUAL SEVEN-DAY MINIMUM	.64	Aug 27	1.6	Oct 8	.40	Sep 19 1987
INSTANTANEOUS PEAK FLOW			97	May 22	510	May 29 1983
INSTANTANEOUS PEAK STAGE			3.02	May 22	4.39	May 29 1983
INSTANTANEOUS LOW FLOW					.11	Sep 4 1972
ANNUAL RUNOFF (AC-FT)	2480		10950		4780	
10 PERCENT EXCEEDS	9.8		46		15	
50 PERCENT EXCEEDS	2.0		5.6		2.8	
90 PERCENT EXCEEDS	.97		2.1		1.4	

e Estimated

BIG SMOKY VALLEY (NORTHERN PART)

10249300 SOUTH TWIN RIVER NEAR ROUND MOUNTAIN, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1965 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: May 1966 to September 1968, January 1970 to September 1977, September 1978 to September 1982.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum daily, 18.0°C, July 24, 1979; minimum daily, freezing point on several days in many years.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)
DEC											
01...	1145	2.6	126	7.4	-1.5	1.0	0.10	605	10.1	90	--
FEB											
23...	1115	4.2	125	7.8	6.5	3.0	0.30	612	9.6	89	K24
MAY											
17...	1115	30	129	7.8	12.5	6.5	1.3	606	11.8	121	K1
AUG											
10...	0945	7.7	105	7.4	20.0	10.0	0.50	604	9.2	103	K5

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
DEC										
01...	--	51	18	1.4	6.3	0.4	0.70	68	55	5.4
FEB										
23...	K25	51	18	1.4	6.1	0.4	0.70	95	78	5.6
MAY										
17...	K13	54	19	1.5	6.5	0.4	0.50	51	42	6.3
AUG										
10...	54	40	14	1.1	5.6	0.4	0.70	58	48	3.4

DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)
DEC										
01...	1.7	0.10	20	91	87	0.12	<0.010	<0.050	<0.015	<0.20
FEB										
23...	1.8	0.10	19	88	100	0.12	<0.010	<0.050	<0.015	<0.20
MAY										
17...	2.9	0.20	18	94	80	0.13	<0.010	<0.050	0.020	<0.20
AUG										
10...	1.8	0.10	21	76	76	0.10	<0.010	<0.050	<0.015	<0.20

DATE	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)
DEC										
01 ..	0.010	<0.010	<0.010	20	4	<3	4	<4	<1	<10
FEB										
23...	<0.010	<0.010	<0.010	20	4	<3	6	4	<1	20
MAY										
17...	<0.010	<0.010	0.010	60	5	<3	35	7	<1	<10
AUG										
10...	0.010	<0.010	<0.010	20	4	<3	16	5	2	<10

BIG SMOKY VALLEY (NORTHERN PART)

10249300 SOUTH TWIN RIVER NEAR ROUND MOUNTAIN, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L) (09511)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
DEC										
01...	<1	<1	<1.0	100	<6	--	--	6	0.04	90
FEB										
23...	<1	<1	<1.0	110	<6	--	--	4	0.05	68
MAY										
17...	<1	<1	<1.0	110	<6	<0.02	2.5	7	0.57	81
AUG										
10...	<1	<1	<1.0	90	<6	0.08	1.1	1	0.02	73

K: ESTIMATED BASED ON NON-IDEAL COLONY COUNT

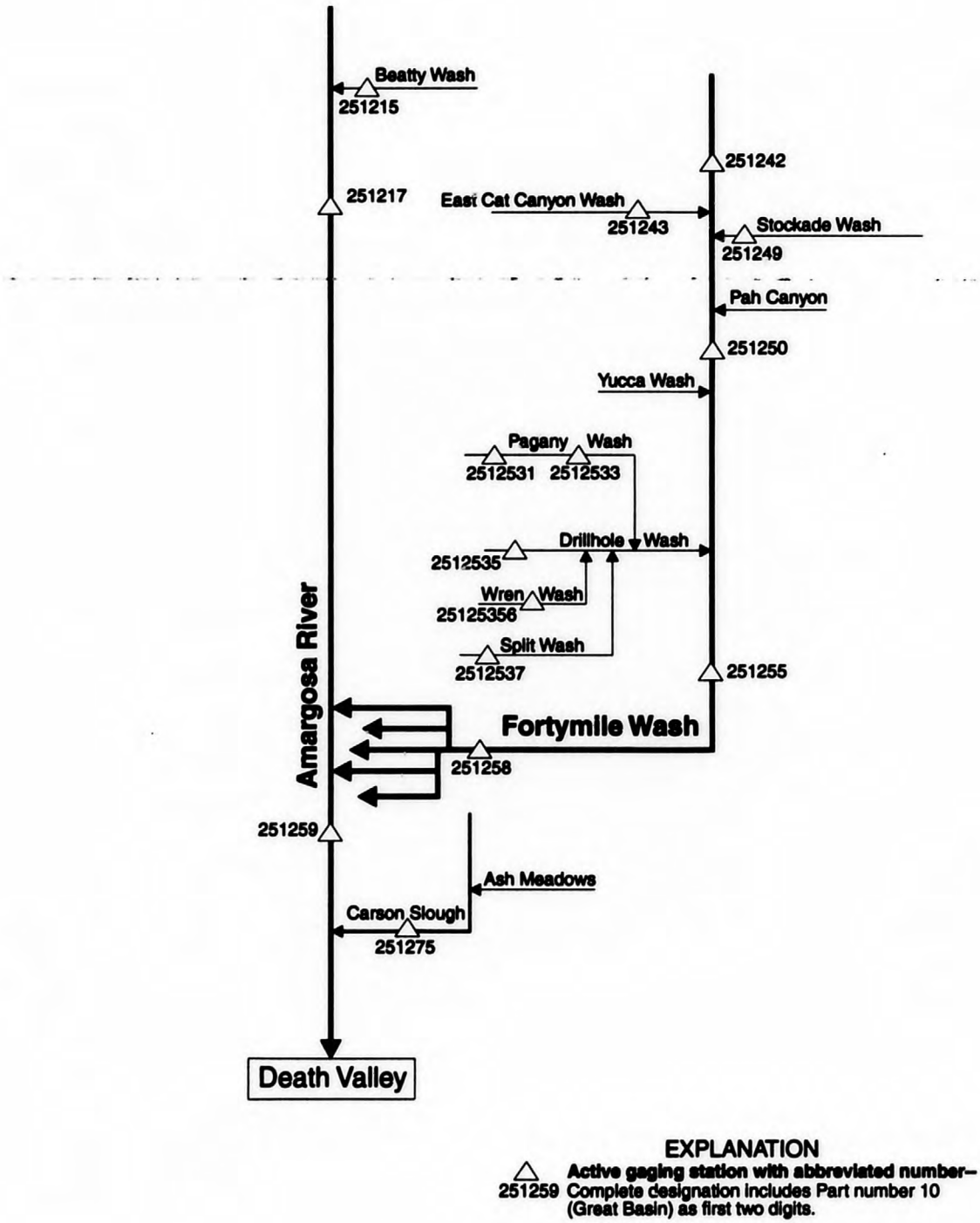


Figure 21. Schematic diagram of flow system and gaging stations in the Amargosa River basin.

OASIS VALLEY

10251215 BEATTY WASH NEAR BEATTY, NV

LOCATION.--Lat 38°56'37", long 116°43'09", in NE $^1/_4$ NE $^1/_4$ sec.33, T.11 S., R.47 E., Nye County, Hydrologic Unit 18090202, on upstream side and center web of culverts, at U.S. Highway 95, and 300 ft upstream from confluence with the Amargosa River.

DRAINAGE AREA.--94.6 mi^2.

PERIOD OF RECORD.--March 1989 to September 1995 (discontinued).

GAGE.--Water-stage recorder. Storage rain gage at station. Elevation of gage is 3,460 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. No flow most days, most years.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	e200	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	.000	.000	.000	.000	.000	6.45	.000	.000	.000	.000	.000	.000
MAX	.00	.00	.00	.00	.00	200	.00	.00	.00	.00	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	.00	.00	.00	397	.00	.00	.00	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1995, BY WATER YEAR (WY)

MEAN	.000	.000	.000	.000	.000	.92	.000	.000	.000	.034	.002	.000
MAX	.000	.000	.000	.000	.000	6.45	.000	.000	.000	.24	.011	.000
(WY)	1989	1989	1989	1989	1989	1995	1989	1989	1989	1990	1989	1989
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1989	1989	1989	1989	1989	1989	1989	1989	1989	1989	1990	1989

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1989 - 1995	
ANNUAL TOTAL			200.00			
ANNUAL MEAN			.55		.081	
HIGHEST ANNUAL MEAN					.55	1995
LOWEST ANNUAL MEAN					.000	1991
HIGHEST DAILY MEAN			200	Mar 11	200	Mar 11 1995
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Oct 1 1988
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.00	Oct 1	.00	Oct 1 1988
INSTANTANEOUS PEAK FLOW			900	Mar 11	900	Mar 11 1995
INSTANTANEOUS PEAK STAGE			4.30	Mar 11	4.30	Mar 11 1995
ANNUAL RUNOFF (AC-FT)			397		59	
10 PERCENT EXCEEDS	.00		.00		.00	
50 PERCENT EXCEEDS	.00		.00		.00	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated

OASIS VALLEY

10251217 AMARGOSA RIVER AT BEATTY, NV

LOCATION.--Lat 36°54'38", long 116°45'23", in SW $^1/_4$ NW $^1/_4$ sec.7, T.12 S., R.47 E., Nye County, Hydrologic Unit 18090202, on upstream side of culvert under U.S. Highway 95, approximately 0.5 mi north of intersection of State Highway 374 and U.S. Highway 95.

DRAINAGE AREA.--458 mi^2, approximately.

PERIOD OF RECORD.--August 1993 to April 1995 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 3,270 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records fair during period October 1994 to April 1995.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,000 ft^3/s, March 11, gage height, 6.93 ft; ; minimum daily, 0.37 ft^3/s, October 8-11.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.44	.42	.70	1.1	.62	.61	1.3	---	---	---	---	---
2	.42	.42	.70	1.1	.60	.47	1.3	---	---	---	---	---
3	.42	.42	.70	1.2	.60	.47	1.3	---	---	---	---	---
4	.42	.42	.70	1.3	.56	.47	---	---	---	---	---	---
5	.42	.42	.70	1.4	.49	.48	---	---	---	---	---	---
6	.42	.42	.70	1.2	.48	5.3	---	---	---	---	---	---
7	.41	.42	.80	1.3	.48	.75	---	---	---	---	---	---
8	.37	.42	1.0	1.2	.47	.42	---	---	---	---	---	---
9	.37	.42	1.0	1.2	.47	.42	---	---	---	---	---	---
10	.37	.47	1.1	1.4	.47	22	---	---	---	---	---	---
11	.37	.60	1.1	1.3	.48	231	---	---	---	---	---	---
12	.40	.60	1.1	1.2	.46	14	---	---	---	---	---	---
13	.42	.60	1.1	1.2	.45	1.8	---	---	---	---	---	---
14	.42	.60	1.1	1.2	.47	1.5	---	---	---	---	---	---
15	.42	.60	1.1	1.2	.46	1.5	---	---	---	---	---	---
16	.42	.60	1.1	1.2	.46	1.5	---	---	---	---	---	---
17	.42	.60	1.1	1.1	.45	1.4	---	---	---	---	---	---
18	.42	.60	1.1	1.1	.42	1.3	---	---	---	---	---	---
19	.42	.60	1.1	1.1	.42	1.3	---	---	---	---	---	---
20	.42	.60	1.1	1.1	.42	1.3	---	---	---	---	---	---
21	.42	.60	1.1	1.1	.44	1.3	---	---	---	---	---	---
22	.42	.60	1.1	1.2	.42	1.3	---	---	---	---	---	---
23	.42	.60	1.2	1.4	.42	1.3	---	---	---	---	---	---
24	.42	.60	1.2	1.8	.42	1.5	---	---	---	---	---	---
25	.42	.63	1.3	16	.42	1.5	---	---	---	---	---	---
26	.42	.70	1.2	19	.42	1.4	---	---	---	---	---	---
27	.42	.70	1.2	4.4	.42	1.4	---	---	---	---	---	---
28	.42	.70	1.2	1.5	.59	1.4	---	---	---	---	---	---
29	.42	.70	1.3	.82	---	1.4	---	---	---	---	---	---
30	.42	.70	1.3	.70	---	1.3	---	---	---	---	---	---
31	.42	---	1.2	.70	---	1.3	---	---	---	---	---	---
TOTAL	12.81	16.78	32.40	72.52	13.28	303.29	---	---	---	---	---	---
MEAN	.41	.56	1.05	2.34	.47	9.78	---	---	---	---	---	---
MAX	.44	.70	1.3	19	.62	231	---	---	---	---	---	---
MIN	.37	.42	.70	.70	.42	.42	---	---	---	---	---	---
AC-FT	25	33	64	144	26	602	---	---	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1995, BY WATER YEAR (WY)

MEAN	.50	.60	.93	1.61	.65	5.36	.81	.70	.46	.27	.20	.45
MAX	.58	.65	1.05	2.34	.84	9.78	.81	.70	.46	.27	.20	.50
(WY)	1994	1994	1995	1995	1994	1995	1994	1994	1994	1994	1994	1993
MIN	.41	.56	.81	.88	.47	.93	.81	.70	.46	.27	.20	.41
(WY)	1995	1995	1994	1994	1995	1994	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		WATER YEARS 1993 - 1995	
ANNUAL TOTAL	228.49			
ANNUAL MEAN	.63		.63	
HIGHEST ANNUAL MEAN			.63	1994
LOWEST ANNUAL MEAN			.63	1994
HIGHEST DAILY MEAN	1.3	Dec 25	231	Mar 11 1995
LOWEST DAILY MEAN	.15	Jul 28	.15	Jul 28 1994
ANNUAL SEVEN-DAY MINIMUM	.17	Aug 3	.17	Aug 3 1994
INSTANTANEOUS PEAK FLOW			1000	Mar 11 1995
INSTANTANEOUS PEAK STAGE			6.93	Mar 11 1995
ANNUAL RUNOFF (AC-FT)	453		455	
10 PERCENT EXCEEDS	.95		1.1	
50 PERCENT EXCEEDS	.65		.63	
90 PERCENT EXCEEDS	.22		.37	

BUCKBOARD MESA

10251242 FORTYMILE WASH ABOVE EAST CAT CANYON, NEVADA TEST SITE, NV

LOCATION.--Lat 37°04'21", long 116°20'50", in NE $^1/_4$ NW $^1/_4$ sec.13, T.10 S., R.50 E., Nye County, Hydrologic Unit 18090202, Nevada Test Site, on right bank, 0.15 mi upstream of confluence with East Cat Canyon, about 4.5 mi northwest of gate 30-2C, and about 40 mi northwest of Mercury.

DRAINAGE AREA.--40.8 mi^2.

PERIOD OF RECORD.--August 1991 to September 1995 (discontinued).

GAGE.--Water-stage recorder. Storage rain gage at station. Elevation of gage is 4,770 ft above sea level, from topographic map.

REMARKS.--Records fair except estimated daily discharges, which are poor. Maximum discharge this year determined by slope-area measurement of peak flow. No flow most days, most years.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	e50	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	e200	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	250.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	.000	.000	.000	.000	.000	8.06	.000	.000	.000	.000	.000	.000
MAX	.00	.00	.00	.00	.00	200	.00	.00	.00	.00	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	.00	.00	.00	496	.00	.00	.00	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1995, BY WATER YEAR (WY)

MEAN	.000	.000	.000	.85	.039	2.02	.000	.000	.000	.000	.000	.000
MAX	.000	.000	.000	3.40	.16	8.06	.000	.000	.000	.000	.000	.000
(WY)	1992	1992	1992	1993	1993	1995	1992	1992	1992	1992	1992	1991
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1991

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1991 - 1995	
ANNUAL TOTAL			250.00			
ANNUAL MEAN			.68		.25	
HIGHEST ANNUAL MEAN					.68	1995
LOWEST ANNUAL MEAN					.000	1992
HIGHEST DAILY MEAN			200	Mar 11	200	Mar 11 1995
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Aug 8 1991
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.00	Oct 1	.00	Aug 8 1991
INSTANTANEOUS PEAK FLOW			3000	Mar 11	3000	Mar 11 1995
INSTANTANEOUS PEAK STAGE			15.10	Mar 11	15.10	Mar 11 1995
ANNUAL RUNOFF (AC-FT)			496		178	
10 PERCENT EXCEEDS	.00		.00		.00	
50 PERCENT EXCEEDS	.00		.00		.00	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated

BUCKBOARD MESA

10251243 EAST CAT CANYON WASH AT FORTYMILE WASH, NEVADA TEST SITE, NV

LOCATION.--Lat 37°04'19", long 116°20'50", in SE $^1/_4$ NW $^1/_4$ sec.13, T.10 S., R.50 E., Nye County, Hydrologic Unit 18090202, Nevada Test Site, on left bank, 0.1 mi upstream of confluence with Fortymile Wash, 4.4 mi northwest of gate 30-2C, and about 40 mi northwest of Command Post, Mercury Highway.

DRAINAGE AREA.--13.3 mi^2.

PERIOD OF RECORD.--July 1991 to current year.

GAGE.--Water-stage recorder. Storage rain gage and tipping bucket rain gage at station. Elevation of gage is 4,770 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records fair except for March 11, which is poor. No flow most days, most years.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	16	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	.000	.000	.000	.000	.000	.52	.000	.000	.000	.000	.000	.000
MAX	.00	.00	.00	.00	.00	16	.00	.00	.00	.00	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	.00	.00	.00	32	.00	.00	.00	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1995, BY WATER YEAR (WY)

MEAN	.000	.000	.000	.021	.000	.13	.000	.000	.000	.000	.000	.000
MAX	.000	.000	.000	.085	.000	.52	.000	.000	.000	.000	.000	.000
(WY)	1992	1992	1992	1993	1992	1995	1992	1992	1992	1992	1991	1991
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1991	1991

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1991 - 1995	
ANNUAL TOTAL			16.00			
ANNUAL MEAN			.044		.013	
HIGHEST ANNUAL MEAN					.044	1995
LOWEST ANNUAL MEAN					.000	1992
HIGHEST DAILY MEAN			16	Mar 11	16	Mar 11 1995
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Jul 31 1991
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.00	Oct 1	.00	Jul 31 1991
INSTANTANEOUS PEAK FLOW			40	Mar 11	40	Mar 11 1995
INSTANTANEOUS PEAK STAGE			11.22	Mar 11	11.22	Mar 11 1995
ANNUAL RUNOFF (AC-FT)			32		9.2	
10 PERCENT EXCEEDS	.00		.00		.00	
50 PERCENT EXCEEDS	.00		.00		.00	
90 PERCENT EXCEEDS	.00		.00		.00	

BUCKBOARD MESA

10251249 STOCKADE WASH NEAR FORTYMILE WASH, NEVADA TEST SITE, NV

LOCATION.--Lat 37°04'12", long 116°20'23", in NE $^1/_4$ NE $^1/_4$ sec.13, T.10 S., R.50 E., Nye County, Hydrologic Unit 18090202, Nevada Test Site, on right bank, approximately 0.6 mi upstream of confluence with Fortymile Wash, and 35 mi northwest of Mercury.

DRAINAGE AREA.--68.2 mi^2.

PERIOD OF RECORD.--August 1991 to September 1995 (discontinued).

GAGE.--Water-stage recorder. Storage rain gage at station. Elevation of gage is 4,730 ft above sea level, from topographic map.

REMARKS.--Records fair except for March 11, which is poor. Maximum discharge this year determined by slope-area measurement of peak flow. No flow most days, most years.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	e.00	.00	114	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	e.00	---	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	e.00	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	114.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	.000	.000	.000	.000	.000	3.68	.000	.000	.000	.000	.000	.000
MAX	.00	.00	.00	.00	.00	114	.00	.00	.00	.00	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	.00	.00	.00	226	.00	.00	.00	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1995, BY WATER YEAR (WY)

MEAN	.000	.000	.000	.024	.000	.92	.000	.000	.000	.000	.000	.000
MAX	.000	.000	.000	.098	.000	3.68	.000	.000	.000	.000	.000	.000
(WY)	1992	1992	1992	1993	1992	1995	1992	1992	1992	1992	1992	1991
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1991

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1991 - 1995	
ANNUAL TOTAL			114.00			
ANNUAL MEAN			.31		.080	
HIGHEST ANNUAL MEAN					.31	1995
LOWEST ANNUAL MEAN					.000	1992
HIGHEST DAILY MEAN			114	Mar 11	114	Mar 11 1995
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Aug 22 1991
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.00	Oct 1	.00	Aug 22 1991
INSTANTANEOUS PEAK FLOW			700	Mar 11	700	Mar 11 1995
INSTANTANEOUS PEAK STAGE			11.88	Mar 11	11.88	Mar 11 1995
ANNUAL RUNOFF (AC-FT)			226		58	
10 PERCENT EXCEEDS	.00		.00		.00	
50 PERCENT EXCEEDS	.00		.00		.00	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated

JACKASS FLATS

10251250 FORTYMILE WASH AT NARROWS, NEVADA TEST SITE, NV

LOCATION.--Lat 36°53'13", long 116°22'50", in SW $^1/_4$ NE $^1/_4$ sec.15, T.12 S., R.50 E., Nye County, Hydrologic Unit 18090202, Nevada Test Site, on left bank, 5 mi upstream from H Road crossing Fortymile Wash, 19 mi north of intersection between U.S. Highway 95 and State Route 373, and 27 mi northwest of Mercury.

DRAINAGE AREA.--258 mi^2.

PERIOD OF RECORD.--September 1983 to current year.

GAGE.--Water-stage recorder. Storage rain gage at station. Elevation of gage is 3,680 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records good except for January 26 and March 11, which are poor. No flow most days, most years.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	250	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13	00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.6	.00	00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.00	0.60	0.00	250.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	.000	.000	.000	.019	.000	8.06	.000	.000	.000	.000	.000	.000
MAX	.00	.00	.00	.60	.00	250	.00	.00	.00	.00	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	.00	1.2	.00	496	.00	.00	.00	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1983 - 1995, BY WATER YEAR (WY)

MEAN	.000	.000	.000	.029	.010	.67	.000	.000	.000	.18	.16	.000
MAX	.000	.000	.000	.33	.11	8.06	.000	.000	.000	2.14	1.97	.000
(WY)	1984	1984	1984	1993	1992	1995	1984	1984	1984	1984	1984	1984
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1984	1984	1984	1984	1984	1984	1984	1984	1984	1986	1985	1984

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1983 - 1995	
ANNUAL TOTAL			250.60			
ANNUAL MEAN			.69		.089	
HIGHEST ANNUAL MEAN					.69	1995
LOWEST ANNUAL MEAN					.000	1986
HIGHEST DAILY MEAN			250	Mar 11	250	Mar 11 1995
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Sep 21 1983
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.00	Oct 1	.00	Sep 21 1983
INSTANTANEOUS PEAK FLOW			3000	Mar 11	3000	Mar 11 1995
INSTANTANEOUS PEAK STAGE			5.65	Mar 11	6.94	Mar 11 1995
ANNUAL RUNOFF (AC-FT)			497		65	
10 PERCENT EXCEEDS	.00		.00		.00	
50 PERCENT EXCEEDS	.00		.00		.00	
90 PERCENT EXCEEDS	.00		.00		.00	

JACKASS FLATS

102512531 PAGANY WASH NEAR THE PROW, NEVADA TEST SITE, NV

LOCATION (REVISED).--Lat 36°52'06", long 116°26'50", in NE $^1/_4$ NE $^1/_4$ sec.25, T.12 S., R.49 E., Nye County, Hydrologic Unit 18090202, Nevada Test Site, on right bank, 12.9 mi northwest of Hydrologic Research Facility on Jackass Flats, and 35.5 mi northwest of Mercury.

DRAINAGE AREA.--0.47 mi^2.

PERIOD OF RECORD.--August 1994 to September 1995 (discontinued).

GAGE.--Water-stage recorder. Storage rain gage at site. Elevation of gage is 4,280 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. No flow most days, most years.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	e12	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	e1.7	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.00	1.70	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	.000	.000	.000	.055	.000	.39	.000	.000	.000	.000	.000	.000
MAX	.00	.00	.00	1.7	.00	12	.00	.00	.00	.00	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	.00	3.4	.00	24	.00	.00	.00	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1995, BY WATER YEAR (WY)

MEAN	.000	.000	.000	.055	.000	.39	.000	.000	.000	.000	.000	.000
MAX	.000	.000	.000	.055	.000	.39	.000	.000	.000	.000	.000	.000
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1994
MIN	.000	.000	.000	.055	.000	.39	.000	.000	.000	.000	.000	.000
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1994

SUMMARY STATISTICS	FOR 1995 WATER YEAR		WATER YEARS 1994 - 1995	
ANNUAL TOTAL	13.70			
ANNUAL MEAN	.038		.038	
HIGHEST ANNUAL MEAN			.038	1995
LOWEST ANNUAL MEAN			.038	1995
HIGHEST DAILY MEAN	12	Mar 11	12	Mar 11 1995
LOWEST DAILY MEAN	.00	Oct 1	.00	Aug 26 1994
ANNUAL SEVEN-DAY MINIMUM	.00	Oct 1	.00	Aug 26 1994
INSTANTANEOUS PEAK FLOW	60	Mar 11	60	Mar 11 1995
INSTANTANEOUS PEAK STAGE	4.72	Mar 11	4.72	Mar 11 1995
ANNUAL RUNOFF (AC-FT)	27		27	
10 PERCENT EXCEEDS	.00		.00	
50 PERCENT EXCEEDS	.00		.00	
90 PERCENT EXCEEDS	.00		.00	

e Estimated

JACKASS FLATS

102512533 PAGANY WASH #1 NEAR WELL UZ-4, NEVADA TEST SITE, NV

LOCATION.--Lat 36°51'39", long 116°26'08", in NE $^1/_4$ SW $^1/_4$ sec.30, T.12 S., R.50 E., Nye County, Hydrologic Unit 18090202, Nevada Test Site, on right bank, 0.3 mi upstream of Well UZ-4, and 12.4 mi northwest of the Hydrologic Research Facility.

DRAINAGE AREA.--0.82 mi^2.

PERIOD OF RECORD.--Water year 1993 to September 1995 (discontinued).

GAGE.--Water-stage recorder. Storage rain gage at site. Elevation of gage is 3,860 ft above sea level, from topographic map.

REMARKS.--Records fair except for March 11 and estimated daily discharges, which are poor. No flow most days, most years.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	8.6	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	e.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	e.01	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.00	0.01	0.00	8.60	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	.000	.000	.000	.000	.000	.28	.000	.000	.000	.000	.000	.000
MAX	.00	.00	.00	.01	.00	8.6	.00	.00	.00	.00	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	.00	.02	.00	17	.00	.00	.00	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1995, BY WATER YEAR (WY)

MEAN	.000	.000	.000	.000	.000	.092	.000	.000	.000	.000	.000	.000
MAX	.000	.000	.000	.000	.000	.28	.000	.000	.000	.000	.000	.000
(WY)	1993	1993	1993	1995	1993	1995	1993	1993	1993	1993	1993	1993
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1993 - 1995	
ANNUAL TOTAL			8.61			
ANNUAL MEAN			.024		.008	
HIGHEST ANNUAL MEAN					.024	1995
LOWEST ANNUAL MEAN					.000	1993
HIGHEST DAILY MEAN			8.6	Mar 11	8.6	Mar 11 1995
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Oct 1 1992
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.00	Oct 1	.00	Oct 1 1992
INSTANTANEOUS PEAK FLOW			60	Mar 11	60	Mar 11 1995
INSTANTANEOUS PEAK STAGE			1.03	Mar 11	1.03	Mar 11 1995
ANNUAL RUNOFF (AC-FT)			17		5.7	
10 PERCENT EXCEEDS	.00		.00		.00	
50 PERCENT EXCEEDS	.00		.00		.00	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated

JACKASS FLATS

102512535 DRILLHOLE WASH ABOVE WELL UZ-1, NEVADA TEST SITE, NV

LOCATION.--Lat 36°51'57", long 116°27'25", in SE $^1/_4$ NW $^1/_4$ sec.14, T.12 S., R.49 E., Nye County, Hydrologic Unit 18090202, Nevada Test Site, on left bank, 13.7 mi northwest of Hydrologic Research Facility on Jackass Flats, and 36 mi northwest of Mercury.

DRAINAGE AREA.--0.68 mi^2.

PERIOD OF RECORD.--August 1994 to September 1995 (discontinued).

GAGE.--Water-stage recorder. Storage rain gage at site. Elevation of gage is 4,310 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. No flow most days, most years.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	e5	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	.000	.000	.000	.000	.000	.16	.000	.000	.000	.000	.000	.000
MAX	.00	.00	.00	.00	.00	5.0	.00	.00	.00	.00	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	00	.00	.00	.00	9.9	.00	.00	.00	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1995, BY WATER YEAR (WY)

MEAN	.000	.000	.000	.000	.000	.16	.000	.000	.000	.000	.000	.000
MAX	.000	.000	.000	.000	.000	.16	.000	.000	.000	.000	.000	.000
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1994
MIN	.000	.000	.000	.000	.000	.16	.000	.000	.000	.000	.000	.000
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1994

SUMMARY STATISTICS	FOR 1995 WATER YEAR		WATER YEARS 1994 - 1995	
ANNUAL TOTAL	5.00			
ANNUAL MEAN	.014		.014	
HIGHEST ANNUAL MEAN			.014	1995
LOWEST ANNUAL MEAN			.014	1995
HIGHEST DAILY MEAN	5.0	Mar 11	5.0	Mar 11 1995
LOWEST DAILY MEAN	.00	Oct 1	.00	Aug 25 1994
ANNUAL SEVEN-DAY MINIMUM	.00	Oct 1	.00	Aug 25 1994
INSTANTANEOUS PEAK FLOW	30	Mar 11	30	Mar 11 1995
INSTANTANEOUS PEAK STAGE	.00	Mar 11	.00	Mar 11 1995
ANNUAL RUNOFF (AC-FT)	9.9		9.9	
10 PERCENT EXCEEDS	.00		.00	
50 PERCENT EXCEEDS	.00		.00	
90 PERCENT EXCEEDS	.00		.00	

e Estimated

JACKASS FLATS

1025125356 WREN WASH AT YUCCA MOUNTAIN, NEVADA TEST SITE, NV

LOCATION.--Lat 36°51'34", long 116°27'15", in NE $^1/_4$ SW $^1/_4$ sec.14, T.12 S., R.49 E., Nye County, Hydrologic Unit 18090202, Nevada Test Site, on left bank, 12.9 mi northwest of Hydrologic Research Facility on Jackass Flats, and 34.5 mi northwest of Mercury.

DRAINAGE AREA.--0.23 mi^2.

PERIOD OF RECORD.--August 1994 to September 1995 (discontinued).

GAGE.--Water-stage recorder. Storage rain gage at site. Elevation of gage is 4,220 ft above sea level, from topographic map.

REMARKS.--Records good except for January 25, 26, and March 11, which are fair. No flow most days, most years.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	2.6	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.66	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.96	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.00	1.62	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	.000	.000	.000	.052	.000	.084	.000	.000	.000	.000	.000	.000
MAX	.00	.00	.00	.96	.00	2.6	.00	.00	.00	.00	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	.00	3.2	.00	5.2	.00	.00	.00	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1995, BY WATER YEAR (WY)

MEAN	.000	.000	.000	.052	.000	.084	.000	.000	.000	.000	.000	.000
MAX	.000	.000	.000	.052	.000	.084	.000	.000	.000	.000	.000	.000
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1994
MIN	.000	.000	.000	.052	.000	.084	.000	.000	.000	.000	.000	.000
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1994

SUMMARY STATISTICS	FOR 1995 WATER YEAR		WATER YEARS 1994 - 1995	
ANNUAL TOTAL	4.22			
ANNUAL MEAN	.012		.012	
HIGHEST ANNUAL MEAN			.012	1995
LOWEST ANNUAL MEAN			.012	1995
HIGHEST DAILY MEAN	2.6	Mar 11	2.6	Mar 11 1995
LOWEST DAILY MEAN	.00	Oct 1	.00	Aug 24 1994
ANNUAL SEVEN-DAY MINIMUM	.00	Oct 1	.00	Aug 24 1994
INSTANTANEOUS PEAK FLOW	30	Mar 11	30	Mar 11 1995
INSTANTANEOUS PEAK STAGE	96.60	Mar 11	96.60	Mar 11 1995
ANNUAL RUNOFF (AC-FT)	8.4		8.4	
10 PERCENT EXCEEDS	.00		.00	
50 PERCENT EXCEEDS	.00		.00	
90 PERCENT EXCEEDS	.00		.00	

JACKASS FLATS

102512537 SPLIT WASH BELOW QUAC CANYON WASH, NEVADA TEST SITE, NV

LOCATION.--Lat 36°50'57", long 116°26'54", in NW $^1/_4$ SE $^1/_4$ sec.36, T.12 S., R.49 E., Nye County, Hydrologic Unit 18090202, Nevada Test Site, on left bank, 13.1 mi northwest of Hydrologic Research Facility on Jackass Flats.

DRAINAGE AREA.--0.33 mi^2.

PERIOD OF RECORD.--September 1993 to September 1995 (discontinued).

GAGE.--Water-stage recorder. Storage rain gage at station. Elevation of gage is 4,180 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. No flow most days, most years.

DISCHARGE CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	e3.0	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	e.1	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	e1.5	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.00	1.60	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	.000	.000	.000	.052	.000	.097	.000	.000	.000	.000	.000	.000
MAX	.00	.00	.00	1.5	.00	3.0	.00	.00	.00	.00	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	.00	3.2	.00	6.0	.00	.00	.00	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1995, BY WATER YEAR (WY)

MEAN	.000	.000	.000	.026	.000	.048	.000	.000	.000	.000	.000	.000
MAX	.000	.000	.000	.052	.000	.097	.000	.000	.000	.000	.000	.000
(WY)	1994	1994	1994	1995	1994	1995	1994	1994	1994	1994	1994	1994
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1993 - 1995	
ANNUAL TOTAL			4.60			
ANNUAL MEAN			.013		.006	
HIGHEST ANNUAL MEAN					.013	1995
LOWEST ANNUAL MEAN					.000	1994
HIGHEST DAILY MEAN			3.0	Mar 11	3.0	Mar 11 1995
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Sep 10 1993
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.00	Oct 1	.00	Sep 10 1993
INSTANTANEOUS PEAK FLOW			11	Mar 11	11	Mar 11 1995
ANNUAL RUNOFF (AC-FT)			9.1		4.6	
10 PERCENT EXCEEDS	.00		.00		.00	
50 PERCENT EXCEEDS	.00		.00		.00	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated

JACKASS FLATS

10251255 FORTYMILE WASH NEAR WELL J-13, NEVADA TEST SITE, NV

LOCATION.--Lat 36°48'27", long 116°24'01", in SW $^1/_4$ NW $^1/_4$ sec.19, T.13 S., R.50 E., Nye County, Hydrologic Unit 18090202, Nevada Test Site, on right bank, 0.8 mi downstream from H Road crossing Fortymile Wash, 11.5 mi north of Amargosa Valley, and 24 mi northwest of Mercury.

DRAINAGE AREA.--304 mi^2.

PERIOD OF RECORD.--November 1983 to current year.

GAGE.--Water-stage recorder. Storage rain gage at station. Elevation of gage is 3,240 ft above sea level, from topographic map.

REMARKS.--Records good except for March 11-12, which are poor. No flow most days, most years.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	230	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	e.3	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	e.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	e.00	.00
29	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	e.00	.00
30	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	e.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	230.30	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	.000	.000	.000	.000	.000	7.43	.000	.000	.000	.000	.000	.000
MAX	.00	.00	.00	.00	.00	230	.00	.00	.00	.00	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	.00	.00	.00	457	.00	.00	.00	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1995, BY WATER YEAR (WY)

MEAN	.000	.000	.000	.000	.000	.62	.000	.000	.000	.22	.13	.000
MAX	.000	.000	.000	.000	.000	7.43	.000	.000	.000	2.59	1.60	.000
(WY)	1985	1985	1984	1984	1984	1995	1984	1984	1984	1984	1984	1984
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1985	1985	1984	1984	1984	1984	1984	1984	1984	1986	1985	1984

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1984 - 1995	
ANNUAL TOTAL			230.30			
ANNUAL MEAN			.63		.057	
HIGHEST ANNUAL MEAN					.63	1995
LOWEST ANNUAL MEAN					.000	1986
HIGHEST DAILY MEAN			230	Mar 11	230	Mar 11 1995
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Nov 30 1983
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.00	Oct 1	.00	Nov 30 1983
INSTANTANEOUS PEAK FLOW			3000	Mar 11	3000	Mar 11 1995
INSTANTANEOUS PEAK STAGE			5.46	Mar 11	5.82	Jul 21 1984
ANNUAL RUNOFF (AC-FT)			457		42	
10 PERCENT EXCEEDS	.00		.00		.00	
50 PERCENT EXCEEDS	.00		.00		.00	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated

JACKASS FLATS

10251258 FORTYMILE WASH NEAR AMARGOSA VALLEY, NV

LOCATION.--Lat 36°40'18", long 116°26'03", in SW $^1/_4$ SW $^1/_4$ sec.2, T.15 S., R.49 E., Nye County, Hydrologic Unit 18090202, Nevada Test Site, on left bank, 3 mi northwest of intersection of U.S. Highway 95 and State Highway 373, and 24 mi west of Mercury.

DRAINAGE AREA.--316 mi^2.

PERIOD OF RECORD.--November 1983 to current year.

GAGE.--Water-stage recorder. Storage rain gage at station. Elevation of gage is 2,705 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow of 300 ft^3/s in bypass channel 800 ft west of gage, not included in maximum discharge. No flow most days, most years.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	e180	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	e.20	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	180.20	0.00	0.00	0.00	0.00	0.00	0.00
MEAN	.000	.000	.000	.000	.000	5.81	.000	.000	.000	.000	.000	.000
MAX	.00	.00	.00	.00	.00	180	.00	.00	.00	.00	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	.00	.00	.00	357	.00	.00	.00	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1995, BY WATER YEAR (WY)

MEAN	.000	.000	.000	.000	.000	.48	.000	.000	.000	.30	.14	.000
MAX	.000	.001	.000	.000	.001	5.81	.000	.000	.000	3.60	1.70	.001
(WY)	1985	1988	1984	1984	1987	1995	1984	1984	1984	1984	1984	1990
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1985	1985	1984	1984	1984	1984	1984	1984	1984	1986	1985	1984

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1984 - 1995	
ANNUAL TOTAL			180.20			
ANNUAL MEAN			.49		.045	
HIGHEST ANNUAL MEAN					.49	1995
LOWEST ANNUAL MEAN					.000	1986
HIGHEST DAILY MEAN			180	Mar 11	180	Mar 11 1995
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Nov 15 1983
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.00	Oct 1	.00	Nov 15 1983
INSTANTANEOUS PEAK FLOW			1200	Mar 11	1430	Jul 22 1984
INSTANTANEOUS PEAK STAGE			6.58	Mar 11	7.10	Jul 22 1984
ANNUAL RUNOFF (AC-FT)			357		33	
10 PERCENT EXCEEDS	.00		.00		.00	
50 PERCENT EXCEEDS	.00		.00		.00	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated

AMARGOSA DESERT

10251259 AMARGOSA RIVER AT HIGHWAY 127, NEAR CA-NV STATE LINE

LOCATION.--Lat 36°23'12", long 116°25'22", in SW $^1/_4$ SE $^1/_4$ sec.15, T.26 N., R.05 E., Inyo County, Hydrologic Unit 18090202, on right bank, 75 ft upstream from Highway 127, 1.6 mi south of California-Nevada State line, and 9.5 mi north of Death Valley Junction.

DRAINAGE AREA.--1,542 mi^2.

PERIOD OF RECORD.--January to August 1993, miscellaneous site. September 1993 to September 1995 (discontinued).

GAGE.--Water-stage recorder. Storage rain gage at station. Elevation of gage is 2,060 ft above sea level, from topographic map.

REMARKS.--Records fair. No flow most days, most years.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 109 ft^3/s, February 26, 1993, on the basis of culvert indirect and flow-over-road computations; gage height, 19.51 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.95	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.04	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.01	.00	1.1	.00	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	5.1	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	13	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.17	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	9.0	.00	.00	.00	8.6	.00	.00	.00	.00
25	.00	.00	.00	25	.00	.00	.00	.41	.00	.00	.00	.00
26	.00	.00	.00	16	.00	.00	.00	.12	.00	e.00	.00	.00
27	.00	.00	.00	.49	.00	.00	.00	.00	.00	e.00	.00	.00
28	.00	.00	.00	.06	.00	.00	.00	.00	.00	e.00	.00	.00
29	.00	.00	.00	.04	---	.01	.00	.00	.00	.00	.00	.00
30	.00	.00	.00	.04	---	.00	.00	.00	.00	.00	.00	.00
31	.00	---	.00	.02	---	.00	---	.00	---	.00	.00	---
TOTAL	0.00	0.00	0.00	51.73	0.02	19.38	0.00	9.13	0.00	0.00	0.00	0.00
MEAN	.000	.000	.000	1.67	.001	.63	.000	.29	.000	.000	.000	.000
MAX	.00	.00	.00	25	.01	13	.00	8.6	.00	.00	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	.00	103	.04	38	.00	18	.00	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1995, BY WATER YEAR (WY)

MEAN	.000	.000	.000	.83	.003	.31	.074	.15	.000	.000	.009	.000
MAX	.000	.000	.000	1.67	.001	.63	.15	.29	.000	.000	.018	.000
(WY)	1994	1994	1994	1995	1995	1995	1994	1995	1994	1994	1994	1993
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1994	1994	1994	1994	1994	1994	1995	1994	1994	1994	1995	1993

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1993 - 1995	
ANNUAL TOTAL	5.02		80.26			
ANNUAL MEAN	.014		.22		.12	
HIGHEST ANNUAL MEAN					.22	1995
LOWEST ANNUAL MEAN					.014	1994
HIGHEST DAILY MEAN	4.2	Apr 28	25	Jan 25	25	Jan 25 1995
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Sep 1 1993
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.00	Oct 1	.00	Sep 1 1993
INSTANTANEOUS PEAK FLOW			55	Jan 25	55	Jan 25 1995
INSTANTANEOUS PEAK STAGE			19.27	Jan 25	19.27	Jan 25 1995
ANNUAL RUNOFF (AC-FT)	10		159		85	
10 PERCENT EXCEEDS	.00		.00		.00	
50 PERCENT EXCEEDS	.00		.00		.00	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated

AMARGOSA DESERT

10251275 CARSON SLOUGH AT ASH MEADOWS, NV

LOCATION.--Lat 36°25'31", long 116°21'25", in SW $^1/_4$ SE $^1/_4$ sec.32, T.17 N., R.50 E., Nye County, Hydrologic Unit 18090202, on right upstream wingwall of culvert on Spring Meadows Road, and 3.5 mi east of intersection with State Highway 373.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--September 1993 to current year.

GAGE.--Water-stage recorder. Storage rain gage at station. Elevation of gage is 2,135 ft above sea level, from topographic map. Supplementary nonrecording gages on 3 adjacent culverts west of site.

REMARKS.--No estimated daily discharges. Records fair. No flow many days, most years. Maximum discharge this year determined from rating curve extended above 8 ft^3/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.96	3.7	8.7	2.9	2.0	.85	.55	.00	.00	.00
2	.00	.00	.99	3.2	7.9	2.9	2.0	.78	.49	.00	.00	.00
3	.00	.00	1.0	2.9	6.9	2.8	1.9	.72	.44	.00	.00	.00
4	.00	.00	1.1	3.0	6.2	2.6	1.9	.71	.41	.00	.00	.00
5	.00	.00	1.1	3.6	5.5	2.5	1.9	.72	.37	.00	.00	.00
6	.00	.00	1.2	3.6	5.1	2.7	1.8	.74	.29	.00	.00	.00
7	.00	.00	1.1	4.0	5.0	2.5	1.6	.82	.31	.00	.00	.00
8	.00	.00	1.1	4.0	4.7	2.4	1.5	.86	.38	.00	.00	.00
9	.00	.00	1.1	6.3	4.9	2.2	1.4	.85	.40	.00	.00	.00
10	.00	.00	1.1	6.2	4.8	2.1	1.2	.83	.40	.00	.00	.00
11	.00	.00	1.1	5.5	4.5	3.3	1.3	.79	.36	.00	.00	.00
12	.00	.00	1.2	7.3	4.4	3.9	1.3	.74	.28	.00	.00	.00
13	.00	.00	1.3	6.8	4.3	5.3	1.3	.68	.13	.00	.00	.00
14	.00	.00	1.3	5.5	3.2	5.0	1.2	.64	.04	.00	.00	.00
15	.00	.00	1.3	4.5	3.2	4.3	1.2	.70	.00	.00	.00	.00
16	.00	.04	1.3	4.1	3.2	3.7	1.3	.78	.00	.00	.00	.00
17	.00	.15	1.3	3.8	2.8	3.5	1.3	.83	.00	.00	.00	.00
18	.00	.24	1.3	3.6	2.4	3.2	1.6	.78	.00	.00	.00	.00
19	.00	.28	1.4	3.3	2.3	3.1	2.0	.75	.00	.00	.00	.00
20	.00	.33	1.4	3.2	2.2	2.8	2.1	.70	.00	.00	.00	.00
21	.00	.41	1.4	3.1	2.2	2.5	1.8	.63	.00	.00	.00	.00
22	.00	.47	1.5	3.1	2.2	2.1	1.6	.59	.00	.00	.00	.00
23	.00	.52	1.5	3.4	2.2	2.1	1.6	.64	.00	.00	.00	.00
24	.00	.60	1.6	5.2	2.1	2.6	1.6	.86	.00	.00	.00	.00
25	.00	.70	2.2	16	2.2	2.9	1.6	1.1	.00	.00	.00	.00
26	.00	.76	2.2	31	2.1	2.9	1.5	.99	.00	.00	.00	.00
27	.00	.71	2.2	44	2.1	2.6	1.3	.87	.00	.00	.00	.00
28	.00	.79	3.2	22	2.3	2.3	1.2	.83	.00	.00	.00	.00
29	.00	.85	4.0	13	---	2.2	1.0	.75	.00	.00	.00	.00
30	.00	.91	4.5	10	---	2.0	.93	.68	.00	.00	.00	.00
31	.00	---	4.3	9.2	---	1.9	---	.62	---	.00	.00	---
TOTAL	0.00	7.76	52.25	248.1	109.6	89.8	45.93	23.83	4.85	0.00	0.00	0.00
MEAN	.000	.26	1.69	8.00	3.91	2.90	1.53	.77	.16	.000	.000	.000
MAX	.00	.91	4.5	44	8.7	5.3	2.1	1.1	.55	.00	.00	.00
MIN	.00	.00	.96	2.9	2.1	1.9	.93	.59	.00	.00	.00	.00
AC-FT	.00	15	104	492	217	178	91	47	9.6	.00	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1995, BY WATER YEAR (WY)

MEAN	.000	.19	1.36	4.85	2.87	2.09	1.17	.59	.091	.000	.000	.000
MAX	.000	.26	1.69	8.00	3.91	2.90	1.53	.77	.16	.000	.000	.000
(WY)	1994	1995	1995	1995	1995	1995	1995	1995	1995	1994	1994	1993
MIN	.000	.13	1.04	1.69	1.82	1.27	.82	.42	.020	.000	.000	.000
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1993

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1993 - 1995	
ANNUAL TOTAL	240.70		582.12			
ANNUAL MEAN	.66		1.59		1.09	
HIGHEST ANNUAL MEAN					1.59	1995
LOWEST ANNUAL MEAN					.59	1994
HIGHEST DAILY MEAN	4.5	Dec 30	44	Jan 27	44	Jan 27 1995
LOWEST DAILY MEAN	.00	Jun 5	.00	Oct 1	.00	Sep 1 1993
ANNUAL SEVEN-DAY MINIMUM	.00	Jun 5	.00	Oct 1	.00	Sep 1 1993
INSTANTANEOUS PEAK FLOW			51	Jan 27	51	Jan 27 1995
INSTANTANEOUS PEAK STAGE			6.18	Jan 27	6.18	Jan 27 1995
ANNUAL RUNOFF (AC-FT)	477		1150		793	
10 PERCENT EXCEEDS	1.7		4.0		2.4	
50 PERCENT EXCEEDS	.30		.68		.31	
90 PERCENT EXCEEDS	.00		.00		.00	

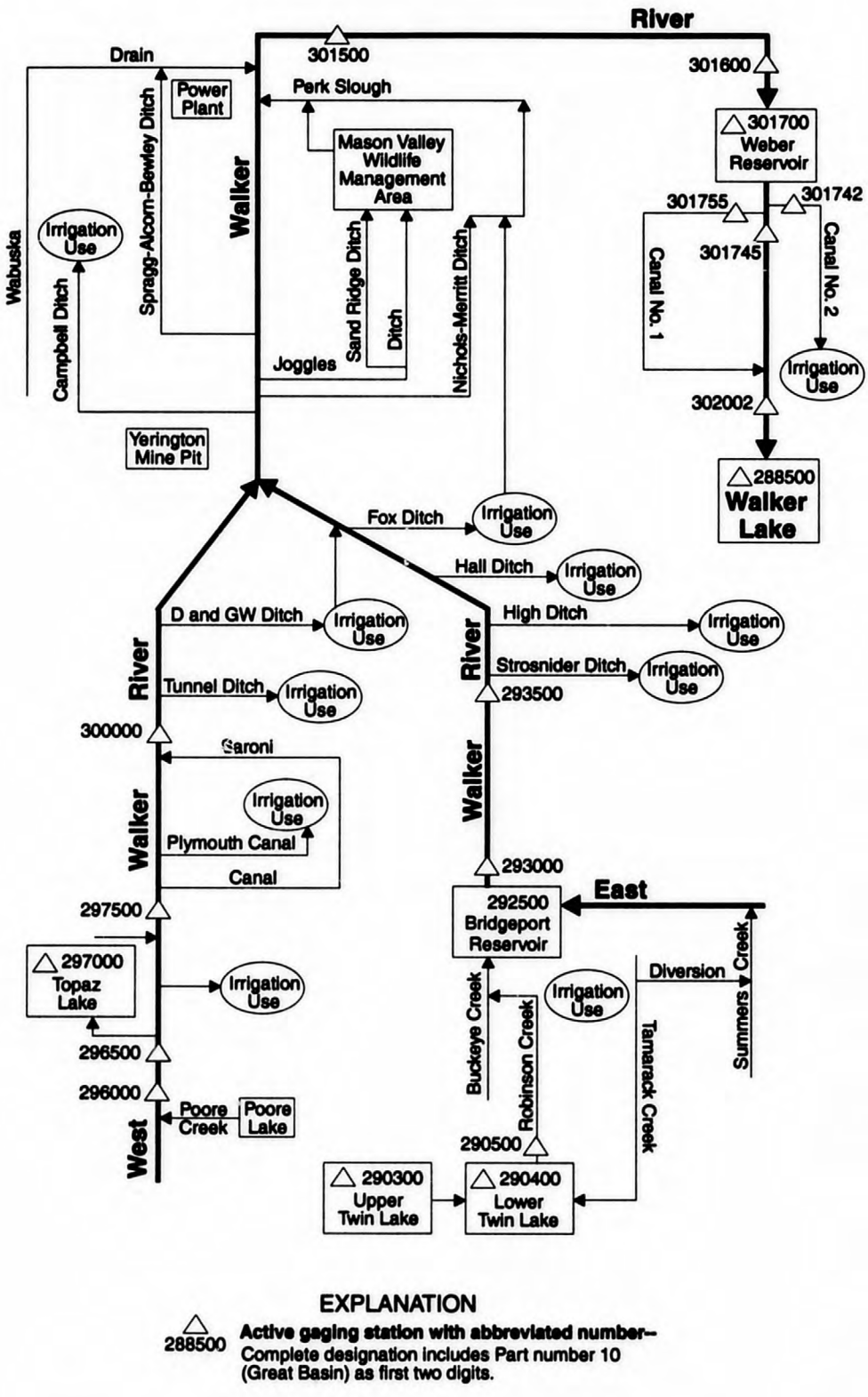


Figure 22. Schematic diagram of flow system and gaging stations in the Walker Lake Basin.

WALKER LAKE BASIN

10288500 WALKER LAKE NEAR HAWTHORNE, NV

LOCATION.--Lat 38°40'36", long 118°46'16", in SE $^1/_4$ SE $^1/_4$ sec.27, T.10 N., R.29 E., Mineral County, Hydrologic Unit 16050304, 14.5 mi northwest of Hawthorne.

DRAINAGE AREA.--4,050 mi^2, approximately.

PERIOD OF RECORD.--August 1928 to current year. Occasional readings prior to August 1928.

GAGE.--Nonrecording gage. Datum of gage is above sea level (U.S. Coast and Geodetic Survey bench mark at U.S. Army Depot). Prior to December 6, 1978, at site 5.5 mi northwest of Hawthorne, at same datum.

REMARKS.--Elevations determined from reference points referred to U.S.C.G.S. bench mark. Elevations are given to the nearest 0.1 ft and contents to four significant figures in order to reflect trends of change. Any single observation, however, may be affected by wind and seiche movements on the lake surface. See schematic diagram of Walker Lake Basin at beginning of Walker Lake Basin section.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 6,955,000 acre-ft, March 13, 1928, elevation, 4,051.8 ft, U.S. Bureau of Indian Affairs; minimum observed, 1,973,000 acre-ft, May 8, 1995, elevation, 3,941.1 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--An elevation of 4,078.0 ft, adjustment of 1912, was observed September 27, 1908, by U.S. Geological Survey (contents, 8,622,000 acre-ft, table now in use.) An estimated elevation of about 4,083 ft for 1882 is estimated by Rush (U.S. Geological Survey Hydrologic Investigations Atlas HA-415, 1970), on the basis of bathymetric data.

EXTREMES FOR CURRENT YEAR--Maximum contents observed, 2,133,000 acre-ft, August 3, elevation 3945.9 ft; minimum observed, 1,973,000 acre-ft, May 8, elevation 3941.1 ft.

MONTHEND ELEVATION, IN FEET ABOVE SEA LEVEL, AND TOTAL CONTENTS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
September 30	3,942.4	--	--
October 31	3,942.0	2,003,000	-13,000
November 30	3,941.6	1,990,000	-13,000
December 31	3,941.5	1,986,000	-4,000
CALENDAR YEAR 1994	--	--	-117,000
January 31	3,941.4	1,983,000	-3,000
February 28	3,941.4	1,983,000	0
March 31	3,941.2	1,977,000	-6,000
April 30	3,941.1	1,973,000	-4,000
May 31	3,942.0	2,003,000	+30,000
June 30	3,944.0	2,069,000	+66,000
July 31	3,945.8	2,129,000	+60,000
August 31	3,945.8	2,129,000	0
September 30	3,945.2	2,109,000	-20,000
WATER YEAR 1995	--	--	+93,000

NOTE.--Monthend elevations are interpolated from readings made during the year.

WALKER LAKE BASIN

383951118442501 WALKER LAKE SAMPLING SITE NEAR HAWTHORNE, NV

LOCATION.--Lat 38°39'51", long 118°44'50", in SW$^1/_4$ SE$^1/_4$ sec.4, T.9 N., R.29 E., Mineral County, Hydrologic Unit 16050304, 11 mi northwest of Hawthorne.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--July 1994 to June 1995 (discontinued).

REMARKS.--In July 1994, station was incorporated into the Walker Lake Basin study.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)	TURBIDITY (NTU) (00076)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)
APR												
03...	1150	19300	9.1	14.0	8.0	0.80	675	9.1	93	730	8.2	170
JUN												
26...	1145	19100	9.0	29.5	24.0	1.9	655	5.4	80	850	10	200

DATE	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)
APR												
03...	4800	78	250	1850	960	3120	3100	3200	25	8.1	1.1	14000
JUN												
26...	4400	66	230	2130	806	3090	2900	3200	14	7.8	0.10	12500

DATE	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)
APR											
03...	13500	19.0	0.030	<0.050	<0.015	2.6	0.370	0.390	0.680	20	11
JUN											
26...	13300	17.0	0.020	<0.050	0.080	2.7	0.400	0.320	0.580	3	<1

DATE	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)
APR											
03...	880	140	<8	29000	<8.0	40	<8	14	30	<8	1400
JUN											
26...	1200	19	<1	24000	<1.0	<1	<1	1	20	2	1500

DATE	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MERCURY DISSOLVED (UG/L AS HG) (71890)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)
APR											
03...	<8	0.5	380	<8	<1	<8.0	4700	20	-17.1	2.5	210
JUN											
26...	30	0.2	47	<1	<1	<1.0	4500	1	-22.6	1.9	27

WALKER LAKE BASIN

10290300 UPPER TWIN LAKE NEAR BRIDGEPORT, CA

LOCATION.--Lat 38°09'15", long 119°20'58", in NW $^1/_4$ NE $^1/_4$ sec.5, T.3 N., R.24 E., Mono County, Hydrologic Unit 16050301, in Toiyabe National Forest, at outlet of upper lake dam on Robinson Creek, and 10 mi southwest of Bridgeport.

DRAINAGE AREA.--29.5 mi^2.

PERIOD OF RECORD.--December 1961 to February 1964, September 1964 to current year.

GAGE.--Non-recording gage. Datum of gage is 7,212.86 ft above sea level (project datum of U.S. Indian Irrigation Service).

REMARKS.--Contents regulated by dam at outlet. Figures given herein represent usable contents. Usable contents, 2,070 acre-ft between elevations 7,200 ft, natural rim, and 7,207 ft, spillway crest. See schematic diagram of Walker Lake Basin at beginning of Walker Lake Basin section.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 2,990 acre-ft, July 7, 1983, elevation, 7,209.85 ft; minimum observed, 30 acre-ft, November 1, 1990, elevation, 7,200.11 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--No contents observed October 17, 1961.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 2,920 acre-ft, June 26, elevation, 7,209.62 ft; minimum observed, 504 acre-ft, October 27, elevation, 7,201.80 ft.

MONTHEND ELEVATION, IN FEET ABOVE SEA LEVEL, AND TOTAL CONTENTS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
September 30	7,201.35	378	--
October 31	7,202.08	582	+204
November 30	7,204.35	1,240	+658
December 31	7,206.44	1,890	+650
CALENDAR YEAR 1994	--	--	+110
January 31	7,205.30	1,530	-360
February 28	7,205.79	1,680	+150
March 31	7,207.54	2,240	+560
April 30	7,207.70	2,290	+50
May 31	7,208.01	2,390	+100
June 30	7,209.56	2,890	+500
July 31	7,209.00	2,710	-180
August 31	7,208.30	2,490	-220
September 30	7,207.79	2,320	-170
WATER YEAR 1995	--	--	+1,942

NOTE.--Monthend elevations are interpolated from readings made during the year.

WALKER LAKE BASIN

10290400 LOWER TWIN LAKE NEAR BRIDGEPORT, CA

LOCATION.--Lat 38°10'05", long 119°19'33", in NE $^1/_4$ NE $^1/_4$ sec.33, T.4 N., R.24 E., Mono County, Hydrologic Unit 16050301, in Toiyabe National Forest, at outlet of lower lake dam on Robinson Creek, and 8 mi southwest of Bridgeport.

DRAINAGE AREA.--38.9 mi^2.

PERIOD OF RECORD.--December 1961 to current year.

GAGE.--Non-recording gage. Datum of gage is 7,205.45 ft above sea level (project datum of U.S. Indian Irrigation Service).

REMARKS.--Contents regulated by dam at outlet and by Upper Twin Lake. Figures given herein represent usable contents. Usable contents, 4,010 acre-ft between elevations 7,190 ft, natural rim, and 7,200 ft, spillway crest. One transarea diversion out of Tamarack Creek into Summers Creek. See schematic diagram of Walker Lake Basin at beginning of Walker Lake Basin section.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 5,560 acre-ft, June 19, 1983, elevation, 7,203.58 ft; no contents, November 17, 1966.

EXTREMES FOR CURRENT YEAR--Maximum contents observed, 5,050 acre-ft, June 26, elevation, 7,202.44 ft; minimum observed, 1,750 acre-ft, October 27, elevation 7,194.38 ft.

MONTHEND ELEVATION AND CONTENTS, IN FEET ABOVE SEA LEVEL, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
September 30	7,193.00	1,200	--
October 31	7,194.52	1,810	+610
November 30	7,195.53	2,210	+400
December 31	7,196.31	2,520	+310
CALENDAR YEAR 1994	--	--	-1,680
January 31	7,200.17	4,080	+1,560
February 28	7,200.07	4,040	-40
March 31	7,200.70	4,300	+260
April 30	7,200.78	4,340	+40
May 31	7,201.80	4,770	+430
June 30	7,202.38	5,030	+260
July 31	7,201.79	4,770	-260
August 31	7,201.09	4,470	-300
September 30	7,200.40	4,180	-290
WATER YEAR 1995	--	--	+2,980

NOTE.--Monthend elevations are interpolated from readings made during the year.

WALKER LAKE BASIN

10290500 ROBINSON CREEK AT TWIN LAKES OUTLET, NEAR BRIDGEPORT, CA

LOCATION.--Lat 38°10'20", long 119°19'25", in SE $^1/_4$ SE $^1/_4$ sec.28, T.4 N., R.24 E., Mono County, Hydrologic Unit 16050301, on left bank, 0.2 mi downstream from Lower Twin Lake, and 8 mi southwest of Bridgeport.

DRAINAGE AREA.--39.1 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1953 to September 1975, May 1992 to September 1994 (irrigation season only), October 1994 to September 1995.

GAGE.--Water-stage recorder. Elevation of gage is 7,050 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Upper and Lower Twin Lakes. No flow for many days in some years. See schematic diagram of Walker Lake Basin at beginning of Walker Lake Basin section.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge known, 660 ft^3/s, June 21, 1911, gage height, 5.2 ft, at site 2.5 mi downstream.

REVISIONS.--WSP 1927: Drainage area.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	7.6	2.3	2.0	24	13	33	74	215	523	325	113
2	14	6.4	2.2	3.9	24	13	32	82	255	500	310	108
3	14	6.4	2.3	4.2	23	13	31	87	283	485	295	109
4	14	6.3	2.2	4.9	23	14	31	89	315	474	277	114
5	8.8	6.1	2.3	4.5	22	13	31	88	351	464	272	121
6	4.5	5.9	1.7	4.9	22	13	35	84	376	466	279	125
7	4.4	6.0	1.4	5.9	21	13	40	81	339	504	281	121
8	4.7	6.1	e1.4	6.1	20	13	34	78	293	535	267	115
9	4.8	4.4	1.4	6.0	20	11	28	77	243	562	251	106
10	4.7	3.6	1.4	6.1	19	19	29	76	211	587	231	100
11	4.5	3.6	1.3	6.2	18	32	29	76	200	554	216	94
12	4.4	3.5	1.3	6.7	18	33	31	76	211	495	201	89
13	4.5	3.3	1.3	6.9	17	33	33	77	246	423	191	85
14	4.5	3.2	e1.3	7.2	18	34	35	79	296	371	181	81
15	4.5	2.6	1.3	6.3	18	31	37	79	325	341	161	77
16	4.5	2.2	1.4	7.5	17	35	37	78	330	319	155	67
17	4.5	1.6	1.4	8.1	15	34	37	76	303	329	157	67
18	4.5	1.3	1.2	8.3	14	35	36	76	265	345	158	67
19	4.6	e1.2	1.2	8.5	14	35	37	77	238	348	159	67
20	4.6	1.2	1.2	8.5	13	40	36	82	222	344	155	66
21	4.5	1.2	1.3	8.8	1[illegible]	49	34	98	214	339	147	66
22	5.0	1.6	1.3	8.8	[illegible]2	51	33	121	212	340	145	65
23	6.8	2.8	1.3	9.1	1[illegible]	58	34	141	218	336	149	64
24	8.4	2.8	1.3	9.2	12	56	35	153	242	318	160	63
25	9.1	2.6	1.3	9.3	12	52	47	156	294	302	169	62
26	8.6	2.4	1.4	9.8	13	48	66	151	361	287	169	60
27	8.3	2.3	1.4	13	13	44	64	144	426	278	163	58
28	8.2	2.3	1.3	16	13	41	64	143	487	279	154	57
29	8.3	2.4	1.3	19	---	38	65	147	534	294	140	55
30	8.5	2.4	1.6	21	---	36	67	159	556	323	128	53
31	8.4	---	e1.8	23	---	34	---	179	---	339	122	---
TOTAL	217.1	105.3	46.8	269.7	480	984	1181	3184	9061	12404	6168	2495
MEAN	7.00	3.51	1.51	8.70	17.1	31.7	39.4	103	302	400	199	83.2
MAX	14	7.6	2.3	23	24	58	67	179	556	587	325	125
MIN	4.4	1.2	1.2	2.0	12	11	28	74	200	278	122	53
AC-FT	431	209	93	535	952	1950	2340	6320	17970	24600	12230	4950

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 1995, BY WATER YEAR (WY)

MEAN	20.2	7.43	4.78	9.48	13.3	15.0	46.2	101	185	162	98.8	51.3
MAX	37.5	25.0	21.9	39.0	63.4	31.7	79.4	187	349	400	199	89.0
(WY)	1970	1968	1968	1970	1963	1995	1959	1969	1969	1995	1995	1974
MIN	7.00	.67	.000	.000	.000	.000	22.3	59.1	68.2	62.0	35.1	15.9
(WY)	1995	1958	1954	1954	1954	1955	1975	1955	1992	1992	1992	1992

SUMMARY STATISTICS	FOR 1995 WATER YEAR		WATER YEARS 1954 - 1995	
ANNUAL TOTAL	36595.9			
ANNUAL MEAN	100		61.7	
HIGHEST ANNUAL MEAN			100	1995
LOWEST ANNUAL MEAN			33.8	1961
HIGHEST DAILY MEAN	587	Jul 10	587	Jul 10 1995
LOWEST DAILY MEAN	1.2	Nov 19	.00	Nov 3 1953
ANNUAL SEVEN-DAY MINIMUM	1.3	Dec 18	.00	Nov 3 1953
INSTANTANEOUS PEAK FLOW	608	Jul 10	608	Jul 10 1995
INSTANTANEOUS PEAK STAGE	4.45	Jul 10	4.62	Jun 6 1969
ANNUAL RUNOFF (AC-FT)	72590		44720	
10 PERCENT EXCEEDS	318		156	
50 PERCENT EXCEEDS	35		28	
90 PERCENT EXCEEDS	2.3		.30	

e Estimated

10290500 ROBINSON CREEK AT TWIN LAKES OUTLET NEAR BRIDGEPORT, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1994 to June 1995 (discontinued).

REMARKS.--In May 1994, station was incorporated into the Walker Lake Basin study.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
NOV												
14...	1410	3.2	56	7.2	1.0	7.5	0.40	590	8.8	95	22	7.7
MAR												
28...	1010	42	55	7.7	-2.5	2.0	0.10	589	11.2	105	23	7.8
APR												
25...	0947	34	57	7.5	12.5	6.0	0.20	587	9.6	101	24	8.1
JUN												
20...	0930	229	56	7.9	14.0	11.0	0.40	588	8.7	102	23	7.8

DATE	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
NOV											
14...	0.75	2.0	0.2	0.60	27	22	4.4	0.30	0.10	<0.010	5.9
MAR											
28...	0.73	2.0	0.2	0.60	29	24	4.2	0.40	0.10	<0.010	5.9
APR											
25...	0.80	2.1	0.2	0.60	28	23	4.4	0.60	0.20	<0.010	5.8
JUN											
20...	0.74	2.0	0.2	0.60	37	30	3.2	0.40	0.10	<0.010	6.6

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)
NOV												
14...	36	35	0.05	<0.010	<0.050	<0.015	<0.20	0.010	0.010	<0.010	2	<1
MAR												
28...	38	36	0.05	<0.010	<0.050	<0.015	<0.20	<0.010	<0.010	<0.010	<1	<1
APR												
25...	38	36	0.05	<0.010	<0.050	<0.015	<0.20	<0.010	<0.010	<0.010	1	<1
JUN												
20...	41	40	0.06	<0.010	<0.050	<0.015	<0.20	0.020	<0.010	<0.010	2	<1

DATE	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)
NOV											
14...	<1	8	<1	<10	<1.0	<1	<1	3	17	<1	<10
MAR											
28...	<1	8	<1	<10	<1.0	<1	<1	<1	<3	<1	<10
APR											
25...	<1	8	<1	<10	<1.0	<1	<1	<1	4	<1	<10
JUN											
20...	<1	8	<1	20	<1.0	<1	<1	<1	6	<1	<10

DATE	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)
NOV											
14...	3	<0.1	4	<1	<1	<1.0	70	<1	-106.0	-14.0	<1.0
MAR											
28...	<1	<0.1	4	<1	<1	<1.0	40	<1	-108.0	-14.0	<1.0
APR											
25...	2	<0.1	4	<1	<1	<1.0	40	<1	-106.0	-13.9	<1.0
JUN											
20...	<1	<0.1	4	<1	<1	<1.0	60	<1	-108.0	-14.3	<1.0

WALKER LAKE BASIN

10291500 BUCKEYE CREEK NEAR BRIDGEPORT, CA

LOCATION--Lat 38°14'20", long 119°19'30", in NE $^1/_4$ NE $^1/_4$ sec.4, T.4 N., R.24 E., Mono County, Hydrologic Unit 16050301, on right bank at Buckeye Hot Springs, 0.6 mi downstream from Eagle Creek, and 5.5 mi southwest of Bridgeport.

DRAINAGE AREA.--44.1 mi^2.

PERIOD OF RECORD.--Water years 1977 to 1979, June and July 1995.

REMARKS.--In June and July 1995, suspended-sediment, particle-size, and bedload samples were collected during high flow periods.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDIMENT, SUSPENDED (MG/L) (80154)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SED. SUSP. SIEVE DIAM. % FINER THAN .125 MM (70332)	SED. SUSP. SIEVE DIAM. % FINER THAN .250 MM (70333)	SED. SUSP. SIEVE DIAM. % FINER THAN .500 MM (70334)	SED. SUSP. SIEVE DIAM. % FINER THAN 1.00 MM (70335)	SED. SUSP. SIEVE DIAM. % FINER THAN 2.00 MM (70336)
JUN										
23...	1758	11.0	314	46	44	--	--	--	--	--
23...	1821	--	--	55	41	53	64	77	91	100
29...	1629	8.5	426	98	34	--	--	--	--	--
29...	1643	--	--	95	38	53	70	78	85	88
JUL										
01...	1616	10.0	E426	79	40	--	--	--	--	--
01...	1626	--	--	75	47	62	78	89	99	100

DATE	TIME	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	BAG MESH SIZE BEDLOAD SAMPLER (MM) (30333)	SEDIMENT DISCHARGE, BEDLOAD (TONS/DAY) (80225)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM (80169)	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM (80170)	BED MAT. SIEVE DIAM. % FINER THAN 8.00 MM (80171)	BED MAT. SIEVE DIAM. % FINER THAN 16.0 MM (80172)	BED MAT. SIEVE DIAM. % FINER THAN 32.0 MM (80173)	BED MAT. SIEVE DIAM. % FINER THAN 64.0 MM (80174)
JUN												
23...	1453	314	0.500	3.5	1	24	52	74	91	99	100	--
23...	1606	--	0.500	4.9	1	20	43	65	86	98	100	--
23...	1633	--	0.500	1.7	2	34	70	89	98	100	--	--
23...	1701	--	0.500	2.4	2	26	56	81	96	100	--	--
23...	1714	--	0.500	5.2	1	17	38	60	82	98	100	--
29...	1440	426	0.500	7.5	1	20	43	64	80	89	95	100
29...	1720	--	0.500	6.7	1	17	39	61	81	95	100	--
29...	1736	--	0.500	8.0	2	24	53	77	92	99	100	--
29...	1741	--	0.500	6.0	1	20	44	66	83	91	100	--
29...	1811	--	0.500	9.2	1	17	37	51	62	70	80	100
JUL												
01...	--	--	0.500	6.1	1	24	50	70	85	96	100	--
01...	1455	--	0.500	7.1	1	19	40	58	76	91	100	--
01...	1510	--	0.500	6.6	3	24	51	71	86	98	100	--
01...	1525	--	0.500	5.1	1	27	57	79	92	99	100	--
01...	1539	--	0.500	5.6	2	26	52	73	87	96	100	--

WALKER LAKE BASIN

10292500 BRIDGEPORT RESERVOIR NEAR BRIDGEPORT, CA

LOCATION.--Lat 38°19'30", long 119°12'40", in SE $^1/_4$ NE $^1/_4$ sec.34, T.6 N., R.25 E., Mono County, Hydrologic Unit 16050301, in Toiyabe National Forest, at Bridgeport Dam on East Walker River, and 4.5 mi north of Bridgeport.

DRAINAGE AREA.--358 mi^2.

PERIOD OF RECORD.--March 1926 to current year. Monthend contents only for some periods, published in WSP 1314.

REVISED RECORDS.--WSP 1180: 1949. WSP 1927: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 6,466.44 ft above sea level (project datum).

REMARKS.--Reservoir is formed by earthfill, rock-faced dam. Storage began December 8, 1923. Dam completed in November 1924. Capacity, 42,460 acre-ft between elevations 6,415 ft, approximate elevation of bottom of reservoir, and 6,461 ft. Crest of spillway is at elevation 6,460.75 ft; however, there are four siphons that become operative prior to reaching this spillway. Elevation of sill of outlet gate, 6,412 ft. No dead storage. Figures given herein represent total contents. Water is used for irrigation by Walker River Irrigation District. See schematic diagram of Walker Lake Basin at beginning of Walker Lake Basin section.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 44,880 acre-ft, June 16, 1974, elevation 6,460.78 ft; no contents at times in water years 1929, 1930, 1960, 1977, 1988, and 1989.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 42,760 acre-ft, August 10, elevation, 6,460.10 ft; minimum 2,800 acre-feet, October 1, elevation, 6,434.75 ft.

Capacity table, (elevation, in feet, and contents, in acre-feet)

6,425	334	6,440	6,240	6,455	29,160
6,430	1,130	6,445	11,380	6,460	42,460
6,435	2,920	6,450	18,780	6,461	45,490

RESERVOIR STORAGE (AC-FT) WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e2800	e3910	5240	6720	11050	e16050	30120	27200	e22150	36280	42550	41090
2	e2810	e3990	e5280	6740	11200	e16200	30270	27180	e22200	36570	42490	40880
3	2850	e4020	e5380	6770	11370	e16450	30360	26820	e22600	36650	42340	40680
4	2870	e4100	e5400	6840	11520	e16750	30410	26350	e23200	36840	42310	40390
5	2990	e4120	e5510	6870	11670	e17000	30460	25910	e24000	36930	42340	40180
6	3040	e4190	e5590	6930	11800	17340	30490	25430	e24700	37040	42340	39860
7	3080	e4210	e5610	7010	11940	17510	30560	24860	e25150	37320	42400	39570
8	3130	e4300	5720	7070	12130	17700	30530	24260	e25300	37590	42430	39290
9	3170	4350	5740	7230	12280	18440	30630	23680	25320	37760	42460	38980
10	3210	4430	5760	7660	12430	20180	30650	23160	25120	37980	42430	38620
11	3240	4490	5820	7890	12590	21480	30700	22750	25080	37980	42260	38260
12	3260	4550	5870	8070	12730	22170	30770	22620	25210	37590	42260	37820
13	3300	4590	5910	8360	12870	22620	30700	22500	25500	37070	42340	37340
14	3310	4610	5940	8710	13020	23200	30560	22330	26070	36420	42340	36870
15	3350	4660	5980	8900	13120	23640	30360	22330	26680	35990	42200	36470
16	3390	4670	6030	9040	13200	24060	30220	22150	27110	35910	42020	36100
17	3420	4680	6080	9180	13340	24370	30000	21930	27340	36040	41850	35700
18	3450	4700	6140	9300	13430	24770	29790	21760	27430	36390	41760	35280
19	3470	4720	6180	9390	13570	25230	29520	21660	27780	36930	41670	34900
20	3500	4750	6220	9500	13720	26070	29260	21640	28240	37480	41550	34530
21	3530	4780	6260	9650	13890	26680	28950	21720	28650	38230	41530	34140
22	3560	4830	6290	9740	14090	27390	28680	21970	29090	39180	41470	33910
23	3590	4860	6340	9870	14320	27460	28380	22170	29670	40070	41440	33600
24	3600	4910	6380	9990	14580	27870	28100	22440	30360	40850	41470	33420
25	3640	4970	6420	10110	14830	28190	27850	22520	31280	41470	41530	33250
26	3650	5010	6470	10250	15110	28490	27620	22380	32970	42050	41530	33040
27	e3690	5050	6510	10370	e15450	28810	27320	22250	34320	42200	41580	32920
28	e3710	5110	6580	10480	e15810	29140	27200	22110	35330	42110	41580	32810
29	e3790	5160	6630	10610	---	29430	27040	22050	35650	42110	41530	32610
30	e3810	5210	6650	10740	---	29690	27180	22050	35960	42370	41410	32380
31	e3880	---	6670	10870	---	29910	---	e22090	---	42520	41320	---
MAX	3880	5210	6670	10870	15810	29910	30770	27200	35960	42520	42550	41090
MIN	2710	3910	5240	6720	11050	16050	27040	21640	22150	35910	41320	32380
#	e6436.72	6438.69	6440.49	6444.57	e6448.21	6455.31	6454.14	e6451.75	6457.70	6460.02	6459.61	6456.32
##	+1080	+1330	+1460	+4200	+4940	+14100	-2730	-5090	+13870	+6560	-1200	-8940

CAL YR 1994 MAX 17830 MIN 2690 ## -4320
WTR YR 1995 MAX 42550 MIN 2800 ## +29580

e Estimated
Elevation, in feet above sea level, at end of month.
Change in contents, in acre-feet.

WALKER LAKE BASIN

10293000 EAST WALKER RIVER NEAR BRIDGEPORT, CA

LOCATION.--Lat 38°19'40", long 119°12'50", in SW $^1/_4$ NE $^1/_4$ sec.34, T.6 N., R.25 E., Mono County, Hydrologic Unit 16050301, in Toiyabe National Forest, on right bank, 1,500 ft downstream from Bridgeport Reservoir, 5 mi north of Bridgeport, and 10 mi upstream from Sweetwater Creek.

DRAINAGE AREA.--359 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1911 to September 1914 (gage height only), October and November 1921, May 1922 to September 1924, March to July 1925, October 1925 to current year.

REVISED RECORDS.--WSP 1927: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 6,400 ft above sea level, from topographic map. Prior to October 1, 1921, nonrecording gage at site 0.5 mi upstream at different datum. October 1, 1921, to February 21, 1924, water-stage recorder at site 1 mi downstream at different datum. February 22, 1924, to September 30, 1931, water-stage recorder, and October 1, 1931 to May 25, 1939, nonrecording gage at present site at datum 2.34 ft lower. May 26, 1939, to November 27, 1988, water-stage recorder at datum 2.00 ft higher.

REMARKS.--No estimated daily discharges. Records good. Diversions for irrigation of meadow pasturelands near Bridgeport. Flow regulated by Bridgeport Reservoir (station 10292500). See schematic diagram of Walker Lake Basin at beginning of Walker Lake Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30	22	34	34	27	26	99	396	616	969	574	290
2	30	22	34	35	27	24	99	470	662	968	606	313
3	30	23	34	35	26	24	118	494	664	969	631	334
4	29	23	33	35	27	24	155	534	664	971	570	334
5	29	23	33	35	27	24	170	533	667	969	508	333
6	29	23	33	35	27	24	170	531	669	969	492	333
7	29	23	34	35	27	24	170	530	671	980	493	341
8	29	27	34	36	27	35	161	528	671	1100	472	354
9	29	32	34	37	27	42	146	527	670	1160	441	353
10	29	32	34	38	28	50	146	525	669	1160	442	353
11	29	32	33	38	39	48	160	493	668	1150	425	360
12	29	31	33	38	30	43	205	395	667	1150	367	372
13	29	31	33	38	26	43	229	377	649	1120	309	372
14	29	32	33	38	28	43	229	377	543	1080	337	361
15	29	33	37	38	40	31	228	377	545	945	371	341
16	29	33	32	39	41	22	228	378	546	796	349	340
17	29	34	27	39	41	23	228	378	547	750	348	340
18	29	34	27	33	41	23	244	378	547	639	340	339
19	29	34	29	34	41	23	253	396	464	510	325	338
20	29	34	30	29	33	23	253	422	334	436	325	338
21	29	34	32	26	27	23	253	423	334	334	325	324
22	29	34	33	30	27	23	261	443	335	274	332	276
23	29	35	33	27	27	23	274	498	335	274	342	252
24	29	34	34	27	28	23	273	538	336	275	324	232
25	29	33	33	27	28	34	285	539	337	295	303	224
26	29	34	33	27	28	34	312	555	337	326	296	218
27	29	34	33	26	29	34	330	583	370	469	281	222
28	29	34	33	25	29	40	330	582	624	617	281	209
29	29	34	33	26	---	50	330	581	864	576	281	215
30	29	34	33	31	---	65	330	582	965	558	277	240
31	23	---	33	27	---	92	---	584	---	565	270	---
TOTAL	896	918	1014	1018	853	1060	6669	14947	16970	23354	12037	9251
MEAN	28.9	30.6	32.7	32.8	30.5	34.2	222	482	566	753	388	308
MAX	30	35	37	39	41	92	330	584	965	1160	631	372
MIN	23	22	27	25	26	22	99	377	334	274	270	209
AC-FT	1780	1820	2010	2020	1690	2100	13230	29650	33660	46320	23880	18350

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1922 - 1995, BY WATER YEAR (WY)

MEAN	59.5	28.3	34.5	35.0	43.7	84.2	173	251	307	299	238	153
MAX	301	325	398	260	200	417	721	880	1001	797	638	406
(WY)	1984	1983	1984	1942	1963	1983	1952	1938	1938	1967	1983	1983
MIN	7.35	1.10	2.50	.50	.62	5.39	27.5	57.5	36.0	20.4	13.3	17.1
(WY)	1931	1956	1960	1950	1950	1927	1961	1991	1924	1924	1924	1977

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1922 - 1995	
ANNUAL TOTAL	24708		88987			
ANNUAL MEAN	67.7		244		142	
HIGHEST ANNUAL MEAN					443	1983
LOWEST ANNUAL MEAN					37.5	1931
HIGHEST DAILY MEAN	231	Jun 3	1160	Jul 9	1360	Jun 20 1963
LOWEST DAILY MEAN	22	Jan 10	22	Nov 1	.20	Nov 2 1955
ANNUAL SEVEN-DAY MINIMUM	23	Oct 31	23	Oct 31	.20	Nov 2 1955
INSTANTANEOUS PEAK FLOW			1170	Jul 8	1390	Jun 19 1963
INSTANTANEOUS PEAK STAGE			6.26	Jul 8	4.95	Jan 22 1943
ANNUAL RUNOFF (AC-FT)	49010		176500		103200	
10 PERCENT EXCEEDS	129		610		340	
50 PERCENT EXCEEDS	55		99		91	
90 PERCENT EXCEEDS	24		27		6.8	

10293000 EAST WALKER RIVER NEAR BRIDGEPORT, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1959 to 1971; 1973 to 1985; 1994 to June 1995 (discontinued).

REMARKS.--In May 1994, station was incorporated into the Walker Lake Basin study.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)	TURBIDITY (NTU) (00076)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)
NOV												
14...	1110	31	186	7.8	-1.0	4.0	7.0	606	10.4	100	67	20
MAR												
29...	0820	49	220	8.1	2.5	4.5	1.8	604	10.4	102	62	18
APR												
25...	1420	290	242	8.1	23.0	9.5	1.6	604	9.0	100	70	20
JUN												
20...	1415	393	120	8.0	22.0	15.5	1.8	609	8.0	100	41	12

DATE	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)
NOV											
14...	4.1	12	0.6	3.1	92	75	16	2.0	0.20	<0.010	22
MAR											
29...	4.2	21	1	3.7	98	80	21	4.8	0.30	<0.010	18
APR											
25...	4.8	23	1	3.9	104	85	21	5.1	0.30	<0.010	21
JUN											
20...	2.7	7.9	0.5	2.0	61	50	5.8	1.4	0.10	<0.010	16

DATE	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)
NOV												
14...	132	125	0.18	<0.010	<0.050	<0.015	0.50	0.070	0.030	0.020	50	<1
MAR												
29...	158	140	0.21	<0.010	<0.050	<0.015	0.60	0.040	0.030	0.030	40	<1
APR												
25...	164	151	0.22	<0.010	<0.050	<0.015	0.40	0.030	0.030	0.030	60	<1
JUN												
20...	88	78	0.12	<0.010	<0.050	0.020	0.40	0.060	0.040	0.030	40	<1

DATE	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)
NOV											
14...	3	28	<1	50	<1.0	<1	<1	2	200	<1	20
MAR											
29...	10	27	<1	140	<1.0	1	<1	1	140	<1	40
APR											
25...	9	28	<1	140	<1.0	1	<1	1	160	<1	40
JUN											
20...	3	19	<1	60	<1.0	<1	<1	1	160	<1	10

DATE	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MERCURY DISSOLVED (UG/L AS HG) (71890)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)
NOV											
14...	5	<0.1	5	<1	<1	<1.0	200	<1	-107.0	-13.9	2.0
MAR											
29...	5	<0.1	5	1	<1	<1.0	180	<1	-116.0	-15.3	2.0
APR											
25...	3	<0.1	4	1	<1	<1.0	180	2	-114.0	-14.9	2.0
JUN											
20...	14	<0.1	2	2	<1	<1.0	110	<1	-111.0	-14.6	<1.0

WALKER LAKE BASIN

10293500 EAST WALKER RIVER ABOVE STROSNIDER DITCH, NEAR MASON, NV

LOCATION.--Lat 38°48'45", long 119°02'50", in NW $^1/_4$ SW $^1/_4$ sec.14, T.11 N., R.26 E., Lyon County, Hydrologic Unit 16050303, on right bank, 0.9 mi upstream from head of Strosnider ditch, 12 mi southeast of Mason, and 13.5 mi southeast of Yerington.

DRAINAGE AREA.--1,100 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1947 to current year (irrigation season only, 1979 to 1994).

GAGE.--Water-stage recorder. Datum of gage is 4,574.10 ft above sea level. Prior to October 24, 1957, near present site at datum 0.56 ft higher. October 24, 1957, to April 3, 1974, at site 400 ft downstream at same datum.

REMARKS.--Records good except for July to September, which are poor. Diversions for irrigation above station. Flow regulated by Bridgeport Reservoir (station 10292500).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	28	48	46	41	38	84	377	743	1150	730	259
2	23	26	46	48	42	38	94	428	771	1170	726	299
3	23	25	46	47	41	34	99	528	835	1170	752	318
4	23	25	45	47	40	33	110	541	842	1060	773	342
5	22	25	46	47	40	33	140	608	847	1030	748	322
6	23	26	47	47	40	33	163	598	837	1030	708	322
7	22	28	50	49	40	32	171	587	832	1060	662	325
8	21	29	49	50	39	32	174	573	833	1080	657	320
9	21	28	46	48	39	31	166	567	838	1200	616	318
10	20	29	46	51	39	59	152	575	814	1470	576	341
11	21	32	51	63	38	249	150	577	798	1330	561	340
12	21	32	57	57	40	161	163	565	796	1340	532	364
13	20	33	55	53	43	102	208	460	798	1320	462	380
14	20	33	50	53	38	86	239	433	797	1300	377	394
15	20	33	48	58	38	80	238	435	763	1180	400	390
16	22	34	52	56	39	73	239	426	747	997	421	373
17	23	36	57	53	45	60	238	413	740	824	402	369
18	23	38	50	51	46	52	235	417	732	789	406	369
19	23	34	47	51	46	48	251	417	723	773	387	375
20	23	32	46	47	46	48	254	440	609	658	373	376
21	23	34	47	51	46	61	253	475	407	539	375	365
22	23	39	47	46	40	64	256	524	399	409	367	357
23	23	36	49	45	38	56	265	618	402	345	390	312
24	24	39	49	43	37	53	270	689	401	338	399	289
25	24	44	50	43	37	50	268	731	413	344	378	265
26	24	43	49	43	37	48	283	720	441	347	338	257
27	25	39	49	42	37	49	313	694	476	374	326	252
28	27	38	49	42	37	49	341	737	511	587	295	240
29	28	41	49	40	---	49	351	744	730	746	287	210
30	28	44	48	40	---	56	365	726	810	742	283	214
31	28	---	46	42	---	60	---	726	---	734	274	---
TOTAL	716	1003	1514	1499	1129	1917	6533	17349	20685	27436	14981	9657
MEAN	23.1	33.4	48.8	48.4	40.3	61.8	218	560	689	885	483	322
MAX	28	44	57	63	46	249	365	744	847	1470	773	394
MIN	20	25	45	40	37	31	84	377	399	338	274	210
AC-FT	1420	1990	3000	2970	2240	3800	12960	34410	41030	54420	29710	19150

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1948 - 1995, BY WATER YEAR (WY)

MEAN	66.7	40.2	47.0	49.6	64.3	79.5	178	252	316	286	222	156
MAX	173	133	178	259	320	363	755	905	1420	885	708	446
(WY)	1957	1966	1951	1970	1963	1969	1969	1969	1986	1995	1983	1983
MIN	22.0	18.3	15.4	13.9	15.9	8.78	15.5	30.5	58.1	32.7	23.1	13.3
(WY)	1978	1978	1962	1962	1950	1948	1961	1991	1990	1992	1992	1977

SUMMARY STATISTICS	FOR 1995 WATER YEAR		WATER YEARS 1948 - 1995	
ANNUAL TOTAL	104419			
ANNUAL MEAN	286		146	
HIGHEST ANNUAL MEAN			401	1969
LOWEST ANNUAL MEAN			38.7	1961
HIGHEST DAILY MEAN	1470	Jul 10	2580	Jun 4 1986
LOWEST DAILY MEAN	20	Oct 10	2.3	Mar 12 1977
ANNUAL SEVEN-DAY MINIMUM	20	Oct 9	3.6	Mar 20 1948
INSTANTANEOUS PEAK FLOW	1470	Jul 10	2380	Feb 1 1963
INSTANTANEOUS PEAK STAGE	8.33	Jul 10	8.33	Jul 10 1995
ANNUAL RUNOFF (AC-FT)	207100		105800	
10 PERCENT EXCEEDS	750		374	
50 PERCENT EXCEEDS	102		104	
90 PERCENT EXCEEDS	28		25	

10293500 EAST WALKER RIVER ABOVE STROSNIDER DITCH NEAR MASON, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1977 to 1980; May to June 1995 (discontinued).

REMARKS.--In May 1994, station was incorporated into the Walker Lake Basin study.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
NOV												
08...	1323	29	316	8.2	13.5	9.5	2.5	645	10.2	106	100	30
APR												
04...	1615	107	300	8.2	23.5	15.5	34	646	8.8	104	88	26
MAY												
01...	1245	336	262	8.1	19.5	14.5	53	642	8.2	96	76	22
JUN												
28...	1745	554	174	8.0	25.0	22.0	43	648	7.1	96	61	18
28...	1746	554	174	8.0	25.0	22.0	42	648	7.1	96	60	18

DATE	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
NOV												
08...	6.5	27	1	4.5	132	108	39	7.3	0.40	<0.010	24	210
APR												
04...	5.6	26	1	4.9	117	96	38	6.8	0.40	<0.010	22	202
MAY												
01...	5.1	24	1	4.4	126	103	26	5.8	0.30	<0.010	24	168
JUN												
28...	3.8	11	0.6	3.0	83	68	15	2.4	0.20	<0.010	21	124
28...	3.7	11	0.6	3.0	83	68	15	2.2	0.20	<0.010	21	128

DATE	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)
NOV											
08...	205	0.29	<0.010	0.070	<0.015	<0.20	0.060	0.050	0.040	9	<1
APR											
04...	188	0.27	0.030	<0.050	<0.015	0.70	0.230	0.060	0.050	60	<1
MAY											
01...	175	0.23	<0.010	0.060	<0.015	0.80	0.260	0.080	0.060	70	<1
JUN											
28...	116	0.17	0.010	0.090	0.030	0.70	0.400	0.050	0.060	50	<1
28...	115	0.17	0.010	0.070	0.020	0.50	0.240	0.050	0.050	50	<1

DATE	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)
NOV											
08...	12	46	<1	150	<1.0	1	<1	1	77	<1	30
APR											
04...	11	47	<1	150	<1.0	1	<1	1	120	<1	40
MAY											
01...	10	42	<1	130	<1.0	1	<1	2	64	<1	40
JUN											
28...	7	34	<1	50	<1.0	<1	<1	4	120	<1	10
28...	7	34	<1	50	<1.0	<1	<1	3	110	<1	20

DATE	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)
NOV											
08...	18	--	9	<1	<1	<1.0	280	<1	-109.0	-13.6	3.0
APR											
04...	13	<0.1	6	1	<1	<1.0	260	<1	-115.0	-14.8	3.0
MAY											
01...	15	<0.1	6	2	<1	<1.0	200	1	-113.0	-14.7	3.0
JUN											
28...	9	<0.1	6	4	<1	<1.0	170	<1	-112.0	-14.8	1.0
28...	9	<0.1	7	3	<1	<1.0	170	2	-112.0	-14.8	2.0

10293500 EAST WALKER RIVER ABOVE STROSNIDER DITCH NEAR MASON, NV--Continued

Water-quality measurements in the following table were made as part of the Walker Lake Basin Study. The following analyses are quality-assurance samples processed during the 1995 sampling period and are defined in the section Water Quality-Control Data (page 25).

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	QUALITY ASSURANCE SAMPLE (TYPE)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)
JUN 29...	0845	FIELD BLANK	0	0.02	0.002	0.03	0.1	<0.02	<0.3	<0.2	<1

DATE	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)
JUN 29...	<0.2	<0.2	<2	<0.3	<0.2	<0.2	1	<3	<0.3	<10

DATE	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MERCURY DISSOLVED (UG/L AS HG) (71890)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)
JUN 29...	<0.1	<0.1	<0.2	<1	<1	<0.2	<0.1	<1	<0.20

WALKER LAKE BASIN

10295300 WEST WALKER RIVER AT HIGHWAY 108 BRIDGE BELOW PICKEL MEADOW, CA

LOCATION.--Lat 38°21'58", long 119°28'51", in NE 1/4 SE 1/4 sec.17, T.6 N., R.23 E., Mono County, Hydrologic Unit 16050302, at State Highway 108 Bridge, about 1.5 mi east of Pickel Meadow, about 2 mi from U.S. Highway 395, and about 16 mi northwest of Bridgeport.

DRAINAGE AREA.--Not determined

PERIOD OF RECORD.--June and July 1995.

REMARKS.--In June and July 1995, suspended-sediment, particle-size, and bedload samples were collected during high flow periods.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDIMENT, SUSPENDED (MG/L) (80154)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SED. SUSP. SIEVE DIAM. % FINER THAN .125 MM (70332)	SED. SUSP. SIEVE DIAM. % FINER THAN .250 MM (70333)	SED. SUSP. SIEVE DIAM. % FINER THAN .500 MM (70334)	SED. SUSP. SIEVE DIAM. % FINER THAN 1.00 MM (70335)	SED. SUSP. SIEVE DIAM. % FINER THAN 2.00 MM (70336)
JUN										
28...	1525	9.5	1860	160	56	--	--	--	--	--
28...	1540	--	--	165	56	68	81	96	100	--
30...	1352	8.5	1660	120	57	--	--	--	--	--
30...	1404	--	--	118	62	76	87	95	99	100
JUL										
02...	1218	6.5	1710	114	59	--	--	--	--	--
02...	1226	--	--	103	65	75	84	89	96	100

DATE	TIME	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TETHER LINE USED IN SAMPLNG (YES=1) (CODE) (04117)	TIME ON BED FOR BED LOAD SAMPLE (SEC) (04120)	SAMPLER TYPE (CODE) (84164)	BAG MESH SIZE BEDLOAD SAMPLER (MM) (30333)	SEDIMENT DISCHARGE, BEDLOAD (TONS/DAY) (80225)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)
JUN								
28...	1130	1860	--	--	--	0.500	944	1
28...	1257	--	--	--	--	0.500	430	1
28...	1335	--	--	--	--	0.500	1070	0
28...	1415	--	--	--	--	0.500	1330	1
28...	1450	--	--	--	--	0.500	948	1
30...	1024	1660	--	--	--	0.500	256	1
30...	1150	--	--	--	--	0.500	375	1
30...	1218	--	--	--	--	0.500	271	0
30...	1243	--	--	--	--	0.500	193	1
30...	1304	--	--	--	--	0.500	185	1
30...	1444	--	1	30	8010	0.500	--	0
30...	1445	--	1	30	1000	0.500	--	0
30...	1454	--	1	30	8010	0.500	--	0
30...	1455	--	1	30	1000	0.500	--	0
30...	1503	--	1	30	1000	0.500	--	0
30...	1504	--	1	30	8010	0.500	--	0
30...	1511	--	1	30	1000	0.500	--	0
30...	1512	--	1	30	8010	0.500	--	0
30...	1513	--	1	30	8010	0.500	--	0
30...	1522	--	1	30	8010	0.500	--	0
30...	1523	--	1	30	1000	0.500	--	0
JUL								
02...	0942	1710	--	--	--	0.500	595	1
02...	1031	--	--	--	--	0.500	480	1
02...	1055	--	--	--	--	0.500	435	1
02...	1126	--	--	--	--	0.500	945	1
02...	1156	--	--	--	--	0.500	519	1
02...	1237	--	1	30	8010	0.500	--	0
02...	1238	--	1	30	1000	0.500	--	0
02...	1244	--	1	30	1000	0.500	--	0
02...	1245	--	1	30	8010	0.500	--	0
02...	1249	--	1	30	8010	0.500	--	0
02...	1250	--	1	30	1000	0.500	--	0
02...	1257	--	1	30	8010	0.500	--	0
02...	1258	--	1	30	1000	0.500	--	0
02...	1302	--	1	30	1000	0.500	--	0
02...	1303	--	1	30	8010	0.500	--	0

10295300 WEST WALKER RIVER AT HIGHWAY 108 BRIDGE BELOW PICKEL MEADOW, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM (80169)	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM (80170)	BED MAT. SIEVE DIAM. % FINER THAN 8.00 MM (80171)	BED MAT. SIEVE DIAM. % FINER THAN 16.0 MM (80172)	BED MAT. SIEVE DIAM. % FINER THAN 32.0 MM (80173)	BED MAT. SIEVE DIAM. % FINER THAN 64.0 MM (80174)	BED MAT. SIEVE DIAM. % FINER THAN 128 MM (80175)
JUN								
28...	6	19	33	45	66	87	95	96
28...	7	19	30	42	57	75	85	87
28...	3	13	25	40	62	86	94	96
28...	6	26	50	57	78	95	100	--
28...	6	18	29	41	67	94	100	--
30...	7	16	25	40	64	88	97	100
30...	7	14	21	32	54	83	100	--
30...	6	16	29	53	85	99	100	--
30...	9	18	29	47	73	94	100	--
30...	8	16	21	28	46	76	89	100
30...	1	2	7	19	44	79	100	--
30...	1	2	6	20	50	90	100	--
30...	4	12	24	39	61	89	100	--
30...	38	64	86	100	--	--	--	--
30...	1	3	8	16	43	83	100	--
30...	2	10	23	41	67	98	100	--
30...	2	5	8	13	37	90	100	--
30...	3	10	22	37	64	92	100	--
30...	1	5	11	19	43	87	100	--
30...	6	16	29	42	59	79	100	--
30...	45	73	88	98	100	--	--	--
JUL								
02...	8	20	31	47	69	93	100	--
02...	7	17	25	35	56	89	100	--
02...	7	18	32	47	67	90	100	--
02...	10	26	36	53	76	96	100	--
02...	8	20	33	52	73	98	100	--
02...	7	22	39	59	85	100	--	--
02...	5	21	43	67	87	99	100	--
02...	31	64	81	93	96	100	--	--
02...	46	76	86	92	100	--	--	--
02...	27	70	92	97	100	--	--	--
02...	5	33	76	95	98	100	--	--
02...	58	91	98	100	--	--	--	--
02...	5	29	61	83	93	100	--	--
02...	6	28	53	76	93	100	--	--
02...	4	17	38	64	86	98	100	--

WALKER LAKE BASIN

10295500 LITTLE WALKER RIVER NEAR BRIDGEPORT, CA

LOCATION--Lat 38°21'39", long 119°26'30", in NW $^1/_4$ NW $^1/_4$ sec.22, T.6 N., R.23 E., Mono County, Hydrologic Unit 16050302, on right bank, 0.8 mi north of Sonora Junction, 1.5 mi upstream from mouth, and 14 mi northwest of Bridgeport.

DRAINAGE AREA.--63.6 mi^2.

PERIOD OF RECORD.--Water years 1977 to 1985, 1989, June and July 1995.

REMARKS.--In June and July 1995, suspended-sediment, particle-size, and bedload samples were collected during high flow periods.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDIMENT, SUSPENDED (MG/L) (80154)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SED. SUSP. SIEVE DIAM. % FINER THAN .125 MM (70332)	SED. SUSP. SIEVE DIAM. % FINER THAN .250 MM (70333)	SED. SUSP. SIEVE DIAM. % FINER THAN .500 MM (70334)	SED. SUSP. SIEVE DIAM. % FINER THAN 1.00 MM (70335)	SED. SUSP. SIEVE DIAM. % FINER THAN 2.00 MM (70336)
JUN										
24...	1249	10.5	290	54	47	--	--	--	--	--
24...	1301	--	--	255	11	14	19	41	66	84
27...	1637	13.0	395	233	47	--	--	--	--	--
27...	1649	--	--	217	55	66	78	89	100	--
29...	1141	8.0	E415	246	39	--	--	--	--	--
29...	1150	--	--	226	45	54	67	82	93	100
JUL										
01...	1143	8.5	415	162	43	--	--	--	--	--
01...	1153	--	--	180	41	50	62	76	91	100

DATE	TIME	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TETHER LINE USED IN SAMPLING (YES=1) (CODE) (04117)	TIME ON BED FOR BED LOAD SAMPLE (SEC) (04120)	SAMPLER TYPE (CODE) (84164)	BAG MESH SIZE BEDLOAD SAMPLER (MM) (30333)	SEDIMENT DISCHARGE, BEDLOAD (TONS/DAY) (80225)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)
JUN								
24...	1022	290	--	--	--	0.500	23	1
24...	1111	--	--	--	--	0.500	40	1
24...	1130	--	--	--	--	0.500	20	1
24...	1146	--	--	--	--	0.500	16	1
24...	1200	--	--	--	--	0.500	17	2
27...	1426	395	--	--	--	0.500	70	3
27...	1518	--	--	--	--	0.500	71	3
27...	1542	--	--	--	--	0.500	61	4
27...	1602	--	--	--	--	0.500	84	2
27...	1618	--	--	--	--	0.500	64	2
29...	--	--	--	--	--	0.500	76	2
29...	0958	--	--	--	--	0.500	54	2
29...	1031	--	--	--	--	0.500	98	2
29...	1052	--	--	--	--	0.500	96	1
29...	1113	--	--	--	--	0.500	57	2
JUL								
01...	0949	415	--	--	--	0.500	81	2
01...	1033	--	--	--	--	0.500	55	1
01...	1050	--	--	--	--	0.500	100	3
01...	1105	--	--	--	--	0.500	48	2
01...	1118	--	--	--	--	0.500	120	2
01...	1208	--	1	30	1000	0.500	--	0
01 ..	1209	--	1	30	8010	0.500	--	0
01...	1214	--	1	30	1000	0.500	--	0
01...	1215	--	1	30	8010	0.500	--	0
01...	1220	--	1	30	8010	0.500	--	0
01...	1221	--	1	30	1000	0.500	--	0
01...	1228	--	1	30	1000	0.500	--	0
01...	1229	--	1	30	8010	0.500	--	0
01...	1232	--	1	30	1000	0.500	--	0
01...	1233	--	1	30	8010	0.500	--	0

10295500 LITTLE WALKER RIVER NEAR BRIDGEPORT, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM (80169)	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM (80170)	BED MAT. SIEVE DIAM. % FINER THAN 8.00 MM (80171)	BED MAT. SIEVE DIAM. % FINER THAN 16.0 MM (80172)	BED MAT. SIEVE DIAM. % FINER THAN 32.0 MM (80173)	BED MAT. SIEVE DIAM. % FINER THAN 64.0 MM (80174)	BED MAT. SIEVE DIAM. % FINER THAN 128 MM (80175)
JUN								
24...	18	39	54	64	71	76	83	100
24...	7	14	21	26	28	31	33	100
24...	20	45	63	7(	86	93	100	--
24...	19	42	60	73	81	86	100	--
24...	25	54	73	83	90	93	100	--
27...	22	43	57	66	72	81	92	100
27...	24	43	56	64	69	82	90	100
27...	24	42	56	65	74	82	100	--
27...	21	45	61	69	74	80	87	100
27...	20	42	56	64	70	80	93	100
29...	18	34	49	61	73	84	93	100
29...	22	43	63	77	88	93	100	--
29...	16	32	48	61	75	91	100	--
29...	12	22	30	38	50	63	74	100
29...	23	41	55	66	78	89	100	--
JUL								
01...	24	40	52	63	74	89	100	--
01...	28	46	56	63	69	78	100	--
01...	19	33	45	56	69	86	100	--
01...	32	50	60	71	83	100	--	--
01...	17	33	46	60	76	92	100	--
01...	7	23	46	66	83	100	--	--
01...	18	47	74	86	94	100	--	--
01...	34	72	94	100	--	--	--	--
01...	36	68	88	97	100	--	--	--
01...	32	63	84	95	100	--	--	--
01...	24	54	78	92	100	--	--	--
01...	32	63	80	87	100	--	--	--
01...	37	71	91	99	100	--	--	--
01...	25	56	79	93	100	--	--	--
01...	40	62	84	96	100	--	--	--

10296000 WEST WALKER RIVER BELOW LITTLE WALKER RIVER, NEAR COLEVILLE, CA

LOCATION.--Lat 38°22'47", long 119°26'57", in NE 1/4 SE 1/4 sec.9, T.6 N., R.23 E., Mono County, Hydrologic Unit 16050302, in Toiyabe National Forest, on left bank, 50 ft downstream from Little Walker River, 160 ft upstream from bridge on U.S. Highway 395, and 13 mi southeast of Coleville.

DRAINAGE AREA.--181 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1938 to current year. Prior to October 1958, published as "below East Fork."

REVISED RECORDS.--WDR NV-79-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 6,591.39 ft above sea level. Prior to October 1, 1939, at site, 125 ft downstream at datum 1.00 ft higher. October 1, 1939, to September 30, 1969, at present site and datum. October 1, 1969, to July 10, 1987, at site 100 ft downstream at same datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Station is above diversions except for a few small ranch ditches. Flow slightly regulated by Poore Lake, capacity, 1,200 acre-ft, 7 mi upstream. See schematic diagram of Walker Lake Basin at beginning of Walker Lake Basin section.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge observed prior to 1938, 5,800 ft^3/s, December 11, 1937, on basis of slope-area measurement of peak flow.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37	34	e77	e48	89	112	186	1080	2000	2410	1090	275
2	33	36	79	e50	90	111	189	852	1900	2330	1060	285
3	31	33	78	51	87	112	193	738	1880	2300	991	341
4	41	38	75	59	85	101	211	746	2260	2260	972	382
5	51	61	76	41	84	105	237	667	2590	2200	1050	338
6	53	136	e73	50	84	100	252	560	1880	2530	1040	270
7	53	133	e72	53	83	97	279	485	1440	2850	928	237
8	58	101	e71	40	83	96	263	470	1140	2910	898	221
9	63	85	e70	61	79	344	240	533	1030	3260	756	206
10	67	71	e70	88	77	470	234	596	1280	2760	742	201
11	67	75	e68	71	79	344	254	709	1880	2240	699	196
12	63	75	66	72	75	267	292	699	2300	1830	618	190
13	58	59	e68	92	75	250	327	604	2450	1500	567	181
14	53	50	e69	109	71	285	286	521	2290	1430	542	180
15	50	e50	e70	94	69	286	266	459	1840	1520	514	178
16	44	e50	70	94	e68	266	250	395	1340	1710	542	176
17	42	e49	66	97	69	242	233	409	1120	1800	572	177
18	42	48	70	e95	67	272	224	512	1180	1620	538	166
19	40	e49	e72	e93	68	281	218	801	1350	1660	437	159
20	39	e51	e75	e91	73	334	217	1140	1380	1560	425	155
21	36	e55	e72	90	81	296	212	1360	1370	1580	478	155
22	36	e56	e65	106	88	247	208	1420	1540	1530	530	177
23	35	e58	e63	76	92	227	226	1200	1820	1320	525	157
24	35	e61	e55	72	98	231	265	1170	2180	1250	517	148
25	34	65	52	70	105	215	346	971	2580	1210	458	141
26	35	66	56	71	110	200	418	920	2680	1180	380	135
27	35	e64	54	66	108	191	487	1180	2670	1210	342	128
28	34	e70	49	67	110	183	483	1300	2830	1430	313	122
29	33	e72	49	65	---	177	626	1540	2670	1650	289	118
30	32	e75	47	66	---	173	797	1750	2420	1550	279	113
31	34	---	e47	79	---	176	---	1860	---	1190	275	---
TOTAL	1364	1926	2044	2277	2347	6791	8919	27647	57290	57780	19367	5908
MEAN	44.0	64.2	65.9	73.5	83.8	219	297	892	1910	1864	625	197
MAX	67	136	79	109	110	470	797	1860	2830	3260	1090	382
MIN	31	33	47	40	67	96	186	395	1030	1180	275	113
AC-FT	2710	3820	4050	4520	4660	13470	17690	54840	113600	114600	38410	11720

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 1995, BY WATER YEAR (WY)

MEAN	54.8	68.7	72.0	67.0	73.4	104	292	752	936	488	152	74.0
MAX	219	539	448	204	246	369	600	1655	2066	1864	663	246
(WY)	1983	1951	1951	1956	1963	1986	1938	1969	1983	1995	1983	1983
MIN	16.6	22.2	20.0	18.1	26.0	32.1	108	139	188	41.1	18.5	12.3
(WY)	1978	1978	1991	1977	1991	1977	1975	1977	1976	1977	1977	1977

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1938 - 1995	
ANNUAL TOTAL	49870		193660			
ANNUAL MEAN	137		531		258	
HIGHEST ANNUAL MEAN					537	1983
LOWEST ANNUAL MEAN					65.3	1977
HIGHEST DAILY MEAN	1000	May 31	3260	Jul 9	3800	Nov 21 1950
LOWEST DAILY MEAN	19	Sep 9	31	Oct 3	9.7	Sep 11 1977
ANNUAL SEVEN-DAY MINIMUM	20	Sep 5	34	Oct 28	10	Sep 5 1977
INSTANTANEOUS PEAK FLOW			3860	Jul 9	6220	Nov 20 1950
INSTANTANEOUS PEAK STAGE			6.04	Jul 9	8.10	Nov 20 1950
ANNUAL RUNOFF (AC-FT)	98920		384100		187200	
10 PERCENT EXCEEDS	420		1650		795	
50 PERCENT EXCEEDS	61		189		88	
90 PERCENT EXCEEDS	28		50		34	

e Estimated

10296000 WEST WALKER RIVER BELOW LITTLE WALKER RIVER NEAR COLEVILLE, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1961 to 1966; 1969 to 1971; 1973 to 1980; 1987 to 1990; 1994 to June 1995 (discontinued).

REMARKS.--In May 1994, station was incorporated into the Walker Lake Basin study. In June and July 1995, suspended-sediment, particle-size, and bedload samples were collected during high flow periods.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
NOV												
15...	0913	49	122	7.6	3.0	0.0	0.80	595	11.0	97	33	9.7
MAR												
27...	1530	197	135	7.8	2.0	8.0	0.70	600	9.6	103	48	14
APR												
24...	1515	258	116	8.1	16.5	12.0	0.70	601	8.7	103	42	12
JUN												
19...	1633	1190	54	7.8	14.0	9.5	5.1	598	9.1	102	20	6.0

DATE	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
NOV												
15...	2.2	13	1	1.3	59	49	8.1	4.0	0.10	<0.010	12	81
MAR												
27...	3.0	9.9	0.6	1.5	67	55	7.3	2.6	<0.10	<0.010	14	92
APR												
24...	2.8	8.0	0.5	1.3	60	49	4.6	2.4	0.10	<0.010	15	78
JUN												
19...	1.2	2.8	0.3	0.60	27	22	0.90	0.90	<0.10	<0.010	9.1	38

DATE	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)
NOV											
15...	80	0.11	<0.010	<0.050	<0.015	<0.20	<0.010	<0.010	<0.010	5	<1
MAR											
27...	86	0.13	<0.010	<0.050	<0.015	<0.20	<0.010	<0.010	0.010	10	<1
APR											
24...	76	0.11	<0.010	<0.050	<0.015	<0.20	0.010	<0.010	0.020	30	<1
JUN											
19...	35	0.05	<0.010	<0.050	<0.015	<0.20	0.050	0.010	0.010	30	<1

DATE	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)
NOV											
15...	16	16	<1	130	<1.0	<1	<1	1	28	<1	20
MAR											
27...	9	24	<1	70	<1.0	<1	<1	<1	42	<1	10
APR											
24...	5	20	<1	50	<1.0	<1	<1	<1	52	<1	<10
JUN											
19...	1	14	<1	20	<1.0	<1	<1	<1	42	<1	<10

10296000 WEST WALKER RIVER BELOW LITTLE WALKER RIVER NEAR COLEVILLE, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MERCURY DISSOLVED (UG/L AS HG) (71890)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)
NOV											
15...	5	<0.1	2	<1	<1	<1.0	130	2	-109.0	-14.9	<1.0
MAR											
27...	9	<0.1	1	<1	<1	<1.0	200	<1	-112.0	-14.9	<1.0
APR											
24...	5	<0.1	1	<1	<1	<1.0	140	<1	-113.0	-15.2	<1.0
JUN											
19...	4	<0.1	<1	<1	[illegible]	<1.0	80	<1	-111.0	-15.3	<1.0

DATE	TIME	TEMPERATURE WATER (DEG C) (00010)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDIMENT, SUSPENDED (MG/L) (80154)	SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)	SED. SUSP. SIEVE DIAM. % FINER THAN .125 MM (70332)	SED. SUSP. SIEVE DIAM. % FINER THAN .250 MM (70333)	SED. SUSP. SIEVE DIAM. % FINER THAN .500 MM (70334)	SED. SUSP. SIEVE DIAM. % FINER THAN 1.00 MM (70335)	SED. SUSP. SIEVE DIAM. % FINER THAN 2.00 MM (70336)
JUN										
26...	1546	13.0	2310	147	58	--	--	--	--	--
26...	1607	--	2400	154	62	74	86	95	99	100

DATE	TIME	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	BAG MESH SIZE BEDLOAD SAMPLER (MM) (30333)	SEDIMENT DISCHARGE, BEDLOAD (TONS/ DAY) (80225)	BED MAT. SIEVE DIAM. % FINER THAN .500 MM (80167)	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM (80168)	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM (80169)	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM (80170)	BED MAT. SIEVE DIAM. % FINER THAN 8.00 MM (80171)	BED MAT. SIEVE DIAM. % FINER THAN 16.0 MM (80172)	BED MAT. SIEVE DIAM. % FINER THAN 32.0 MM (80173)	BED MAT. SIEVE DIAM. % FINER THAN 64.0 MM (80174)
JUN												
26...	1120	2280	0.500	356	1	14	35	51	64	76	90	100
26...	1314	2380	0.500	251	1	15	41	59	71	80	92	100
26...	1342	2370	0.500	371	1	9	23	34	45	60	83	100
26...	1420	2360	0.500	485	1	14	35	53	71	85	96	100
26...	1445	2350	0.500	315	2	19	43	58	69	80	88	100

WALKER LAKE BASIN

10296500 WEST WALKER RIVER NEAR COLEVILLE, CA

LOCATION.--Lat 38°30'55", long 119°27'15", in NW $^1/_4$ NE $^1/_4$ sec.28, T.8 N., R.23 E., Mono County, Hydrologic Unit 16050302, in Toiyabe National Forest, on left bank, 0.2 mi downstream from Rock Creek, and 5 mi southeast of Coleville.

DRAINAGE AREA.--250 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1902 to July 1908 (published as West Fork of Walker River near Coleville, 1903, 1905-8 and as Walker River (West Fork) near Coleville, 1904), March 1909 to September 1910, June 1915 to March 1938, May 1957 to current year.

REVISED RECORDS.--WSP 880: 1917 (runoff in acre-ft). WSP 1514: 1918, 1923. WDR NV-80-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 5,520 ft above sea level, from topographic map. Prior to July 31, 1908, nonrecording gage at site 0.5 mi upstream at different datum. March 1, 1909, to August 31, 1910, nonrecording gage, and June 18, 1915, to August 15, 1919, water-stage recorder near present site at different datums. August 16, 1919, to March 31, 1938, water-stage recorder at site 1,000 ft upstream at different datum. May 26, 1957, to September 10, 1963, water-stage recorder at site 10 ft downstream at datum 0.38 ft higher, September 10, 1963 to October 28, 1994. Water-stage recorder at site 20 ft downstream at datum 2.50 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Station is above diversions except for a few small ranch ditches. Flow slightly regulated by Poore Lake, capacity, 1,200 acre-ft, 17 mi upstream. See schematic diagram of Walker Lake Basin at beginning of Walker Lake Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	43	46	76	66	91	128	199	1000	2260	2240	1200	290
2	40	47	78	59	94	127	202	848	2100	2170	1200	297
3	39	47	79	65	92	134	203	763	2040	2200	1140	361
4	44	40	79	52	91	113	226	719	2310	2220	1110	418
5	56	59	77	46	91	121	257	590	2690	2250	1170	374
6	59	114	75	57	92	113	277	520	1900	2770	1160	289
7	59	142	71	72	91	113	308	467	1450	2990	1040	249
8	60	106	72	56	91	113	307	449	1160	2970	1020	227
9	63	92	e72	71	90	302	268	511	1030	e3350	877	212
10	66	81	e73	100	88	507	255	555	1310	2730	855	203
11	68	87	75	78	88	427	275	675	1970	2220	810	197
12	66	83	71	78	88	359	319	691	2260	1920	719	191
13	64	78	68	90	85	308	372	618	2460	1660	665	193
14	61	83	69	111	86	354	320	558	2770	1590	632	195
15	60	77	e70	98	84	337	296	487	2120	1610	602	190
16	56	76	71	90	91	312	274	433	1560	1680	626	187
17	55	69	68	84	84	283	250	442	1310	1690	665	187
18	55	61	67	89	82	302	240	512	1370	1580	639	176
19	53	e60	62	95	84	320	231	739	1560	1580	540	168
20	52	e60	64	83	88	387	228	1150	1510	1520	525	163
21	52	e59	62	82	94	352	218	1240	1440	1500	571	162
22	50	e59	60	81	99	295	211	1330	1670	1480	634	185
23	50	e58	61	82	104	255	230	1130	1820	1330	621	167
24	49	e58	62	79	111	260	273	1120	2040	1280	609	156
25	49	e57	61	77	118	237	376	911	2450	1260	558	149
26	49	57	60	75	124	219	449	834	2620	1240	465	143
27	49	64	61	74	125	211	515	1100	2450	1230	407	136
28	48	e71	62	75	126	201	523	1200	2510	1310	371	130
29	46	e73	62	74	---	189	610	1470	2340	1520	337	125
30	45	76	58	75	---	184	724	1620	2410	1470	308	122
31	46	---	61	82	---	186	---	1860	---	1230	289	---
TOTAL	1652	2140	2107	2396	2672	7749	9436	26542	58890	57790	22365	6242
MEAN	53.3	71.3	68.0	77.3	95.4	250	315	856	1963	1864	721	208
MAX	68	142	79	111	126	507	724	1860	2770	3350	1200	418
MIN	39	40	58	46	82	113	199	433	1030	1230	289	122
AC-FT	3280	4240	4180	4750	5300	15370	18720	52650	116800	114600	44360	12380

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1903 - 1995, BY WATER YEAR (WY)

MEAN	70.2	71.0	66.7	67.6	79.4	122	298	769	978	524	167	83.7
MAX	299	214	270	189	280	403	636	1756	2055	2492	721	269
(WY)	1905	1974	1965	1980	1963	1986	1910	1969	1983	1907	1995	1907
MIN	21.5	25.4	28.7	26.9	32.0	42.1	118	149	106	26.9	17.4	16.1
(WY)	1978	1930	1960	1930	1929	1933	1975	1977	1924	1924	1924	1924

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1903 - 1995	
ANNUAL TOTAL	52202		199981			
ANNUAL MEAN	143		548		274	
HIGHEST ANNUAL MEAN					669	1907
LOWEST ANNUAL MEAN					74.5	1977
HIGHEST DAILY MEAN	1060	May 31	3350	Jul 9	4170	Jul 3 1907
LOWEST DAILY MEAN	25	Sep 9	39	Oct 3	14	Jul 24 1924
ANNUAL SEVEN-DAY MINIMUM	26	Sep 5	45	Oct 29	14	Aug 28 1924
INSTANTANEOUS PEAK FLOW			4490	Jul 9	6500	Dec 11 1937
INSTANTANEOUS PEAK STAGE			8.05	Jul 9	unknown	Dec 11 1937
ANNUAL RUNOFF (AC-FT)	103300		396700		198600	
10 PERCENT EXCEEDS	427		1640		830	
50 PERCENT EXCEEDS	64		199		96	
90 PERCENT EXCEEDS	32		59		37	

e Estimated

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1977 to 1984; 1994 to June 1995 (discontinued).

REMARKS.--In May 1994, station was incorporated into the Walker Lake Basin study.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
NOV												
15...	1154	67	124	7.3	3.0	2.5	0.60	620	10.8	97	37	11
MAR												
27...	1050	189	136	8.1	--	2.0	0.70	629	11.3	99	45	13
APR												
24...	1105	265	120	8.2	20.0	6.5	0.90	625	10.0	99	42	12
JUN												
19...	1123	1430	52	8.0	23.5	6.0	8.0	625	10.2	100	20	6.0

DATE	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
NOV											
15...	2.3	12	0.9	1.3	57	47	8.0	5.3	0.20	<0.010	15
MAR											
27...	2.9	10	0.7	1.5	67	55	7.0	2.8	0.10	<0.010	15
APR											
24...	2.9	8.2	0.6	1.3	61	50	5.0	2.1	0.20	<0.010	16
JUN											
19...	1.2	2.7	0.3	0.60	28	23	0.90	0.70	<0.10	<0.010	9.9

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)
NOV												
15...	84	83	0.11	<0.010	<0.050	<0.015	<0.20	<0.010	<0.010	<0.010	7	<1
MAR												
27...	94	86	0.13	0.020	0.090	<0.015	<0.20	<0.010	<0.010	0.010	10	<1
APR												
24...	82	78	0.11	<0.010	<0.050	<0.015	<0.20	<0.010	<0.010	0.010	30	<1
JUN												
19...	45	36	0.06	<0.010	<0.050	<0.015	<0.20	0.070	0.020	0.010	40	<1

DATE	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)
NOV											
15...	12	16	<1	120	<1.0	<1	<1	2	24	<1	20
MAR											
27...	8	24	<1	70	<1.0	1	<1	<1	39	<1	20
APR											
24...	5	21	<1	60	<1.0	<1	<1	<1	49	<1	10
JUN											
19...	2	11	<1	90	<1.0	<1	<1	<1	47	<1	<10

DATE	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)
NOV											
15...	2	<0.1	3	<1	<1	<1.0	140	5	-112.0	-15.0	4.0
MAR											
27...	5	<0.1	2	<1	<1	<1.0	170	<1	-112.0	-15.0	2.0
APR											
24...	4	<0.1	2	<1	<1	<1.0	150	<1	-113.0	-15.1	2.0
JUN											
19...	3	<0.1	<1	<1	<1	<1.0	80	<1	-112.0	-15.2	<1.0

10296500 WEST WALKER RIVER NEAR COLEVILLE, CA--Continued

Water-quality measurements in the following table were made as part of the Walker Lake Basin Study. The following analyses are quality-assurance samples processed during the 1995 sampling period and are defined in the section Water Quality-Control Data (page 25).

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	QUALITY ASSURANCE SAMPLE (TYPE)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
NOV 15...	1325	FIELD BLANK	<0.02	<0.01	<0.20	<0.10	<0.10	0.10	<0.10	<0.010	0.02

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)
NOV 15...	<1	<0.010	<0.050	<0.015	<0.20	<0.010	<0.010	<0.010	1	<1

DATE	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
NOV 15...	<1	<1	<1	<10	<1.0	<1	<1	<1	<3	<1

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)
NOV 15...	<10	<1	<0.1	<1	<1	<1	<1.0	<10	<1	<1.0

WALKER LAKE BASIN

10296650 WEST WALKER RIVER ABOVE TOPAZ LAKE AT TOPAZ, CA

LOCATION.--Lat 38°36'39", long 119°31'00", in NW $^1/_4$ SW $^1/_4$ sec.24, T.9 N., R.22 E., Mono County, Hydrologic Unit 16050302, at bridge 500 ft east of U.S. Highway 395 on Topaz Lane, and about 3 mi northwest of Coleville.

DRAINAGE AREA.--293 mi^2.

PERIOD OF RECORD.--Water years 1990 to current year.

REMARKS.--In April 1990, station was incorporated into the Douglas County Network.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)
NOV 16...	1100	54	148	6.6	5.0	3.5	42	12	2.9

DATE	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
NOV 16...	14	0.9	1.5	9.0	5.6	0.30	<0.010	17	97

DATE	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)
NOV 16...	98	0.13	0.008	0.014	0.003	0.015	66	11

WALKER LAKE BASIN

10297000 TOPAZ LAKE NEAR TOPAZ, CA

LOCATION.--Lat 38°41'35", long 119°31'10", in NW $^1/_4$ NE $^1/_4$ sec.33, T.10 N., R.22 E., Douglas County, Hydrologic Unit 16050301, at outlet works of Topaz Lake on West Walker River, and 5.5 mi north of Topaz.

PERIOD OF RECORD.--December 1921 to September 1931 (monthly contents only published in WSP 1734), October 1931 to current year.

GAGE.--Water-stage recorder. Datum of gage is above sea level. Prior to October 1, 1978, at datum 4.62 ft higher.

REMARKS.--Topaz Lake, formerly known as Alkali Lake and Topaz Reservoir, was formed by the diversion of water from West Walker River through a feeder canal and the construction of an outlet tunnel through a low saddle in rim of lake. Storage began about December 1921. Usable capacity, 59,440 acre-ft, between elevations 4,967.68 ft (lowest practical elevation for diversion through tunnel) and 5,000.38 ft (3 ft below top of levee). Usable capacity of reservoir was increased from about 45,000 acre-ft to 59,440 acre-ft in October 1937 by an earthfill, rock-faced levee at south end. Figures given herein represent usable contents. There is 65,000 acre-ft of lake volume below the point of controllable storage. Water is used for irrigation in Walker River Irrigation District. See schematic diagram of Walker Lake Basin at beginning of Walker Lake Basin section.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 60,680 acre-ft, July 3, 1980, July 10, 1995, elevation 5,000.92 ft, present datum; no usable contents at times in some years.

EXTREMES FOR CURRENT YEAR.--Maximum contents 60,680 acre-ft, July 10, elevation, 5,000.92 ft; minimum contents, 2850 acre-ft, October 3, elevation 4,969.53 ft.

Capacity table, (elevation, in feet, and contents, in acre-feet)

4,968	490	4,980	19,760	4,995	47,540
4,970	3,580	4,985	28,310	5,000	58,570
4,975	11,520	4,990	37,360	5,001	60,870

RESERVOIR STORAGE (AC-FT) WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
INSTANTANEOUS OBSERVATIONS AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2930	3180	5630	8820	14450	19070	34650	31400	31620	54980	59670	52910
2	2870	3150	5770	8950	14610	19300	34730	31740	32870	55650	59900	52230
3	2900	3160	5900	9040	14770	19500	34750	31690	33960	56320	59670	51570
4	3010	3190	5980	9180	14940	19640	34750	31400	35190	56770	59440	50700
5	3020	3240	6120	9230	15100	19800	34800	31030	36790	57230	59440	50050
6	3070	3270	6200	9410	15280	19940	34890	30550	37590	57910	59210	49400
7	3130	3540	6250	9540	15450	20070	34980	29970	37690	58820	58980	48730
8	3180	3650	6370	9660	15610	20260	35110	29340	37360	59510	58750	48220
9	3210	3740	6440	9890	15740	20810	35370	28780	36750	60450	58750	47620
10	3260	3880	6550	10240	15910	22660	35610	28250	36350	60680	58980	47030
11	3260	3990	6640	10660	16110	24060	35820	27840	36670	60220	58980	46410
12	3300	4100	6740	10920	16030	24810	35800	27720	37510	59760	58980	45800
13	3300	4180	6860	11130	16370	25350	35710	27680	38540	59070	58980	45200
14	3330	4240	6940	11400	16500	26000	35480	27650	39810	58390	58980	44720
15	3290	4330	7070	11680	16640	26670	35240	27540	40420	58160	58520	44340
16	3260	4350	7160	11890	16800	27280	34980	27310	40260	58160	58070	43930
17	3260	4550	7260	12070	16930	27780	34670	27020	39790	58160	57840	43580
18	3260	e4600	7370	12240	17100	28380	34290	26810	39350	58180	57610	43250
19	3270	e4680	7500	12410	17250	29020	33870	26830	39390	58180	57390	42980
20	3260	4750	7580	12580	17380	29940	33420	27020	40080	58410	57160	42670
21	3240	4820	7670	12760	17550	30590	32960	27370	40710	58640	56930	42350
22	3220	4860	7780	12930	17710	31300	32500	28010	41610	58640	56930	42060
23	3210	4940	7850	13110	17880	31870	31990	28250	42980	58640	56710	41780
24	3190	4900	7970	13270	18060	32390	31510	28460	44880	58410	56480	41470
25	3180	5270	8130	13420	18250	32860	31120	28380	47300	58410	56260	41210
26	3130	5270	8230	13560	18450	33290	30820	28080	49250	58640	56030	40950
27	3130	5320	8390	13730	18650	33650	30620	28100	50330	58890	55810	40610
28	3120	5400	8400	13860	18870	33910	30450	28270	51630	59350	55360	40280
29	3070	5440	8550	13970	---	34110	30450	28730	52950	59810	54690	39970
30	3050	5590	8670	14130	---	34290	30780	29360	53860	59810	54240	39610
31	3070	---	8740	14270	---	34470	---	30180	---	59440	53570	---
MAX	3330	5590	8740	14270	18870	34470	35820	31740	53860	60680	59900	52910
MIN	2870	3150	5630	8820	14450	19070	30450	26810	31620	54980	53570	39610
@	4969.67	4971.28	4973.27	4976.69	4979.47	4988.46	4986.41	4986.07	4997.91	5000.38	4997.78	4991.15
@@	+160	+2520	+3150	+5530	+4600	+15600	-3690	-600	+23680	+5580	-5870	-13960

CAL YR 1994 MAX 27590 MIN 2870 @@ -10780
WTR YR 1995 MAX 60680 MIN 2870 @@ +36700

e Estimated
@ Elevation, in feet above sea level, at end of month.
@@ Change in contents, in acre-feet.

WALKER LAKE BASIN

10297500 WEST WALKER RIVER AT HOYE BRIDGE, NEAR WELLINGTON, NV

LOCATION.--Lat 38°43'40", long 119°25'40", in NE $^1/_4$ SE $^1/_4$ sec.17, T.10 N., R.23 E., Douglas County, Hydrologic Unit 16050302, on left bank, 20 ft upstream from Hoye Bridge, 2 mi upstream from head of Saroni Canal, and 4 mi southwest of Wellington.

DRAINAGE AREA.--497 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May to August 1910 (published as West Walker River near Wellington), July 1920 to September 1923, March 1924 to August 1925, October 1925 to September 1932, October 1957 to current year. Monthly discharge only for some periods published in WSP 1314.

REVISED RECORDS.--WDR NV-80-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4,980 ft above sea level, from topographic map. May to August 1910, nonrecording gage at same site at different datum. July 1, 1920, to September 30, 1923, water-stage recorder at site 3 mi downstream, 1 mi downstream from Saroni Canal, at different datum, and supplemental nonrecording gage at Saroni Canal 1 mi downstream from head. March 1, 1924, to September 30, 1932, water-stage recorder at site at different datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by off-channel storage in Topaz Lake (station 10297000), since January 30, 1922. Diversions for irrigation of about 10,500 acres above station. Records include releases from Topaz Lake and all return flow from Antelope Valley. See schematic diagram of Walker Lake Basin at beginning of Walker Lake Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	27	36	23	29	36	109	631	1310	1850	902	508
2	25	25	36	25	31	35	138	841	1410	1860	796	539
3	26	25	35	24	31	36	177	780	1410	1860	915	572
4	21	26	36	34	31	37	191	860	1420	1860	1010	591
5	20	26	36	43	31	50	193	849	1470	1860	1000	586
6	20	28	33	23	31	53	195	843	1520	1870	1010	534
7	19	37	32	26	31	52	198	829	1410	1980	1020	494
8	25	43	31	31	31	57	201	817	1330	2100	962	474
9	26	39	e28	30	31	58	106	807	1270	2240	771	453
10	26	40	28	38	31	318	99	807	1230	2510	597	428
11	26	38	25	71	31	611	125	810	1280	2480	588	426
12	29	37	23	44	29	186	179	757	1380	2270	569	453
13	38	38	e24	35	29	110	352	666	1460	2050	530	418
14	39	38	e24	35	30	91	388	668	1420	1800	526	355
15	40	35	e25	39	30	88	380	671	1580	1640	645	297
16	41	35	24	37	30	85	378	648	1500	1560	619	291
17	41	36	25	34	30	78	377	623	1340	1500	609	253
18	40	36	25	32	30	64	406	618	1230	1500	591	259
19	34	33	25	32	29	67	414	655	1200	1460	556	240
20	39	32	25	31	30	69	436	826	910	1320	532	243
21	34	34	26	31	31	85	433	983	901	1230	503	242
22	44	33	25	31	32	73	431	1060	906	1240	512	229
23	45	33	e24	31	32	67	432	1150	873	1240	510	231
24	45	33	24	31	33	64	451	1180	851	1180	498	228
25	45	36	24	31	34	60	464	1200	929	1060	471	226
26	45	37	25	30	34	56	510	1150	1150	916	466	204
27	45	e35	25	31	35	57	516	1140	1690	895	467	236
28	46	34	25	30	36	106	525	1160	1760	844	473	236
29	47	35	25	30	---	106	538	1180	1830	1010	523	237
30	46	36	25	30	---	106	565	1210	1850	1330	555	245
31	46	---	25	29	---	108	---	1250	---	1420	524	---
TOTAL	1087	1020	849	1022	873	3069	9907	27669	39820	49935	20250	10728
MEAN	35.1	34.0	27.4	33.0	31.2	99.0	330	893	1327	1611	653	358
MAX	47	43	36	71	36	611	565	1250	1850	2510	1020	591
MIN	19	25	23	23	29	35	99	618	851	844	466	204
AC-FT	2160	2020	1680	2030	1730	6090	19650	54880	78980	99050	40170	21280

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1910 - 1995, BY WATER YEAR (WY)

MEAN	76.6	45.6	44.8	38.8	43.2	80.1	259	598	699	497	282	154
MAX	286	332	399	200	229	477	730	1303	1949	1611	721	390
(WY)	1984	1983	1983	1984	1969	1983	1982	1969	1983	1995	1983	1983
MIN	12.6	13.3	9.20	5.56	7.66	8.03	59.7	115	150	97.1	26.6	19.5
(WY)	1978	1981	1985	1985	1985	1962	1929	1977	1924	1992	1977	1931

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1910 - 1995	
ANNUAL TOTAL	44246		166229			
ANNUAL MEAN	121		455		240	
HIGHEST ANNUAL MEAN					620	1983
LOWEST ANNUAL MEAN					61.5	1977
HIGHEST DAILY MEAN	519	May 31	2510	Jul 10	2510	Jul 10 1995
LOWEST DAILY MEAN	14	Mar 1	19	Oct 7	3.6	Feb 3 1985
ANNUAL SEVEN-DAY MINIMUM	16	Feb 20	22	Oct 1	3.8	Feb 9 1985
INSTANTANEOUS PEAK FLOW			2600	Jul 11	2600	Jul 11 1995
INSTANTANEOUS PEAK STAGE			9.32	Jul 11	9.32	Jul 11 1995
ANNUAL RUNOFF (AC-FT)	87760		329700		174000	
10 PERCENT EXCEEDS	347		1330		621	
50 PERCENT EXCEEDS	56		125		100	
90 PERCENT EXCEEDS	21		26		20	

e Estimated

10297500 WEST WALKER RIVER AT HOYE BRIDGE, NEAR WELLINGTON, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1977-84, 1990 to June 1995 (discontinued).

REMARKS.--In April 1990, station was incorporated into the Douglas County Network. In May 1994, station was incorporated into the Walker Lake Basin study.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
NOV												
09...	1440	36	278	8.7	12.5	9.0	1.4	628	11.4	120	80	23
MAR												
29...	1400	104	266	8.2	8.0	11.0	9.0	638	10.6	115	70	20
APR												
26...	1456	511	192	8.4	23.0	13.5	12	672	9.4	103	61	17
JUN												
21...	1140	900	108	8.0	22.0	12.0	5.7	638	8.9	99	35	10

DATE	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
NOV												
09...	5.4	28	1	2.7	110	1	91	20	16	0.70	<0.010	10
MAR												
29...	4.9	26	1	2.3	101	--	82	17	18	0.60	0.010	6.2
APR												
26...	4.4	17	1	2.2	89	--	73	8.2	8.5	0.40	<0.010	3.0
JUN												
21...	2.5	7.8	0.6	1.4	--	--	47	3.4	3.1	0.20	<0.010	8.7

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)
NOV												
09...	161	162	0.22	<0.010	<0.050	<0.015	0.20	0.060	0.060	0.050	20	<1
MAR												
29...	160	146	0.22	<0.010	<0.050	<0.015	0.40	0.070	0.030	0.020	10	<1
APR												
26...	112	105	0.15	<0.010	<0.050	<0.015	0.40	0.040	<0.010	0.030	20	<1
JUN												
21...	69	69	0.09	<0.010	<0.050	<0.015	0.30	0.070	0.030	0.020	40	<1

DATE	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)
NOV											
09...	17	25	<1	380	<1.0	<1	<1	<1	41	<1	40
MAR											
29...	14	25	<1	370	<1.0	1	<1	<1	53	<1	30
APR											
26...	10	22	<1	240	<1.0	<1	<1	<1	57	<1	20
JUN											
21...	4	16	<1	100	<1.0	<1	<1	2	81	<1	<10

DATE	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)
NOV											
09...	28	<0.1	8	1	<1	<1.0	190	<1	-110.0	-14.0	5.0
MAR											
29...	49	<0.1	7	1	<1	<1.0	210	<1	-109.0	-14.1	6.0
APR											
26...	18	<0.1	4	<1	<1	<1.0	170	<1	-108.0	-14.0	3.0
JUN											
21...	16	<0.1	2	2	<1	<1.0	120	<1	-110.0	-14.8	1.0

WALKER LAKE BASIN

10300000 WEST WALKER RIVER NEAR HUDSON, NV

LOCATION.--Lat 38°48'35", long 119°13'35", in SE $^1/_4$ SW $^1/_4$ sec.18, T.11 N., R.25 E., Lyon County, Hydrologic Unit 16050302, on left bank, 0.5 mi upstream from Wilson Canyon, and 3 mi southeast of Hudson.

DRAINAGE AREA.--964 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1914 to March 1925, January 1947 to September 1978, April 1979 to September 1994, (irrigation season only) October 1994 to September 1995. August 1914 to April 1921 published as "at Hudson."

GAGE.--Water-stage recorder. Elevation of gage is 4,650 ft above sea level, from topographic map. Prior to May 1921, nonrecording gage at site 2.5 mi upstream at different datum. May 1921 to March 1925, water-stage recorder at approximately same site at different datum.

REMARKS.--Records good except for estimated discharges which are poor. Flow regulated by off-channel storage in Topaz Lake (station 10297000) since January 30, 1922. Many diversions above station for irrigation. Station is below return flow from irrigated areas in Smith Valley. See schematic diagram of Walker Lake Basin at beginning of Walker Lake Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28	33	32	20	33	48	95	344	1180	1780	879	277
2	26	24	34	21	32	42	102	477	1310	1800	613	301
3	25	22	34	22	32	42	120	463	1340	1800	655	324
4	25	21	33	23	33	39	132	510	1360	1790	801	339
5	24	22	32	24	33	42	150	531	1410	1810	789	346
6	24	22	31	28	33	51	140	525	1490	1800	810	310
7	23	24	29	25	38	59	134	519	1470	1830	829	275
8	23	30	28	25	42	63	139	509	1390	1950	771	252
9	25	33	e27	28	43	64	104	513	1320	2070	568	253
10	26	34	e26	32	43	164	50	511	1250	2270	370	247
11	19	35	e26	50	43	664	52	491	1260	2480	312	240
12	19	34	25	54	42	306	61	476	1370	2330	281	254
13	25	34	23	42	41	141	215	387	1460	2080	246	221
14	34	32	23	39	43	109	293	405	1450	1720	231	188
15	33	32	e23	40	42	97	306	454	1520	1450	327	152
16	33	32	e23	40	42	92	311	458	1570	1350	348	142
17	34	34	23	38	42	88	302	448	1390	1310	332	128
18	35	36	23	35	42	78	304	443	1210	1360	315	118
19	32	35	23	34	42	68	308	460	1160	1300	300	107
20	28	37	23	35	42	72	316	567	860	1220	307	80
21	28	32	22	36	42	82	313	763	745	1090	264	86
22	29	29	22	36	44	86	312	897	760	1090	250	82
23	36	30	e22	35	45	79	314	1020	759	1120	248	78
24	37	29	21	35	45	73	316	1130	670	1080	251	88
25	38	32	21	35	45	68	286	1200	730	974	238	103
26	38	35	20	35	46	60	298	1160	877	807	241	91
27	34	35	20	35	47	59	301	1120	1480	756	252	99
28	33	33	20	34	48	80	309	1130	1700	687	253	101
29	34	33	20	35	---	99	309	1150	1750	759	266	94
30	35	32	20	35	---	102	323	1170	1770	1010	288	92
31	36	---	20	35	---	101	---	1160	---	1320	290	---
TOTAL	919	926	769	1041	1145	3218	6715	21391	38011	46193	12925	5468
MEAN	29.6	30.9	24.8	33.6	40.9	104	224	690	1267	1490	417	182
MAX	38	37	34	54	48	664	323	1200	1770	2480	879	346
MIN	19	21	20	20	32	39	50	344	670	687	231	78
AC-FT	1820	1840	1530	2060	2270	6380	13320	42430	75390	91620	25640	10850

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1915 - 1995, BY WATER YEAR (WY)

MEAN	70.6	67.0	74.3	61.8	79.0	95.6	204	420	587	355	169	106
MAX	203	178	493	178	277	450	528	1102	1718	1490	568	290
(WY)	1917	1951	1951	1970	1969	1969	1982	1969	1983	1995	1983	1983
MIN	21.7	20.8	20.7	22.0	26.1	30.3	56.9	92.1	86.4	55.8	14.6	14.7
(WY)	1978	1962	1962	1962	1961	1961	1922	1977	1924	1924	1920	1920

SUMMARY STATISTICS	FOR 1995 WATER YEAR		WATER YEARS 1915 - 1995	
ANNUAL TOTAL	138721			
ANNUAL MEAN	380		192	
HIGHEST ANNUAL MEAN			409	1969
LOWEST ANNUAL MEAN			56.4	1977
HIGHEST DAILY MEAN	2480	Jul 11	2480	Jul 11 1995
LOWEST DAILY MEAN	19	Oct 11	10	Jan 23 1962
ANNUAL SEVEN-DAY MINIMUM	20	Dec 26	13	Aug 7 1920
INSTANTANEOUS PEAK FLOW	2530	Jul 11	2700	Dec 24 1955
INSTANTANEOUS PEAK STAGE	6.90	Jul 11	7.42	Dec 24 1955
ANNUAL RUNOFF (AC-FT)	275200		139100	
10 PERCENT EXCEEDS	1310		463	
50 PERCENT EXCEEDS	92		114	
90 PERCENT EXCEEDS	25		34	

e Estimated

WALKER LAKE BASIN

10300000 WEST WALKER RIVER NEAR HUDSON, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1977 to 1980; 1982; May to June 1995 (discontinued)

REMARKS.--In May 1994, station was incorporated into the Walker Lake Basin study.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
NOV												
09...	0847	32	423	8.3	10.0	7.0	1.0	637	11.0	109	130	35
APR												
04...	0940	137	276	8.2	20.0	8.5	17	645	5.2	53	81	23
04...	0941	137	276	8.2	20.0	8.5	12	645	5.2	53	81	23
MAY												
02...	0857	492	205	8.0	10.5	9.5	39	642	9.0	93	64	18
JUN												
22...	0835	767	136	7.9	15.0	12.0	34	648	8.5	93	46	13

DATE	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
NOV												
09...	9.2	43	2	4.7	177	145	36	21	0.70	0.040	13	252
APR												
04...	5.6	25	1	3.0	113	93	20	14	0.50	0.010	6.6	158
04...	5.6	26	1	2.9	113	93	19	14	0.50	<0.010	6.6	160
MAY												
02...	4.6	18	1	2.6	104	85	10	8.1	0.40	<0.010	7.2	124
JUN												
22...	3.2	10	0.6	1.8	66	54	5.7	4.3	0.20	<0.010	10	99

DATE	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)
NOV											
09...	251	0.34	<0.010	<0.050	<0.015	0.20	0.030	0.010	<0.010	9	<1
APR											
04...	154	0.21	0.020	<0.050	<0.015	0.50	0.130	0.020	0.020	10	<1
04...	157	0.22	0.020	<0.050	<0.015	0.40	0.100	0.040	0.020	10	<1
MAY											
02...	121	0.17	<0.010	0.090	0.030	0.80	0.250	0.060	0.050	60	<1
JUN											
22...	82	0.13	<0.010	0.070	0.020	0.50	0.560	0.040	0.030	50	<1

DATE	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)
NOV											
09...	9	61	<1	410	<1.0	1	<1	<1	42	<1	30
APR											
04...	11	34	<1	310	<1.0	<1	<1	<1	34	<1	30
04...	8	34	<1	320	<1.0	<1	<1	<1	32	<1	30
MAY											
02...	10	29	<1	240	<1.0	1	<1	1	90	<1	20
JUN											
22...	6	21	<1	120	<1.0	<1	<1	1	98	<1	10

WALKER LAKE BASIN

10300000 WEST WALKER RIVER NEAR HUDSON, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MERCURY DISSOLVED (UG/L AS HG) (71890)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)
NOV											
09...	51	<0.1	9	<1	<1	<1.0	320	1	-109.0	-13.8	14
APR											
04...	20	<0.1	6	<1	<1	<1.0	230	<1	-107.0	-13.9	7.0
04...	20	<0.1	6	1	<1	<1.0	230	<1	-108.0	-14.0	7.0
MAY											
02...	27	<0.1	5	1	<1	<1.0	160	<1	-108.0	-13.9	4.0
JUN											
22...	14	<0.1	3	2	<1	<1.0	140	<1	-109.0	-14.8	2.0

WALKER LAKE BASIN

10301500 WALKER RIVER NEAR WABUSKA, NV

LOCATION.--Lat 39°09'10", long 119°05'50", in SE $^1/_4$ NW $^1/_4$ sec.20, T.15 N., R.26 E., Lyon County, Hydrologic Unit 16050303, on left bank, 600 ft upstream from timber bridge at Julian Ranch, 1.8 mi downstream from Southern Pacific Railroad bridge, 4.6 mi east of Wabuska, and 16 mi upstream from Weber Dam.

DRAINAGE AREA.--2,600 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1902 to December 1904, January 1905 to July 1908 (fragmentary), January 1920 to September 1935, January 1939 to current year. Monthly discharge only for some periods published in WSP 1734.

REVISED RECORDS.--WSP 1314: 1923 (M). WSP 1634: 1904.

GAGE.--Water-stage recorder. Elevation of gage is 4,280 ft above sea level, from topographic map. July 22, 1902, to July 31, 1908, nonrecording gage at site 2.5 mi upstream at different datum. January 15, 1920, to September 30, 1929, nonrecording gage or water-stage recorder at several sites near present site at various datums; October 1, 1929, to September 30, 1935, water-stage recorder at site 1.5 mi downstream at different datum. January 1939 to September 1958, non-recording gage on bridge 300 ft downstream at datum 1.19 ft higher.

REMARKS.--Records fair except for estimated daily discharges which are poor. Many diversions for irrigation above station. Flow regulated by Bridgeport Reservoir (station 10292500) and Topaz Lake (station 10297000), combined capacity, 101,900 acre-ft. No flow at times in 1924, 1925, and 1931. See schematic diagram of Walker Lake Basin at beginning of Walker Lake Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	7.8	10	e12	e18	46	35	174	1370	1630	1220	59
2	27	13	10	e12	e18	50	28	224	1320	1750	785	35
3	23	8.8	10	e12	e19	37	36	358	1370	1850	704	68
4	21	7.4	8.5	e12	20	19	23	417	1440	1920	819	115
5	25	5.3	7.9	e12	20	14	12	496	1480	1950	857	133
6	24	3.6	7.3	e12	22	12	12	522	1560	1950	830	136
7	19	2.8	7.0	e10	27	12	11	523	1640	1940	808	104
8	12	2.1	e7.0	e10	30	8.8	13	521	1670	1940	786	67
9	8.2	2.8	e7.0	e11	34	9.6	15	483	1680	1960	676	64
10	5.4	4.9	e7.0	e12	37	13	14	505	1670	2020	468	93
11	3.4	5.0	e8.0	e18	37	48	34	554	1590	2110	275	96
12	3.4	4.9	12	e32	37	e1160	15	541	1560	2210	209	81
13	3.1	e4.9	18	e44	36	468	14	499	1530	2320	158	103
14	2.8	e4.9	14	e37	36	181	81	398	1520	2450	115	76
15	4.3	e5.5	e10	e32	38	139	117	409	1490	2370	58	84
16	6.7	e6.0	e10	e32	39	118	133	481	1550	2180	126	120
17	6.1	e6.5	e10	e33	43	103	129	564	1570	2010	143	116
18	6.4	e7.0	e10	e30	47	80	95	554	1520	1830	101	115
19	6.7	e7.0	e10	e26	50	53	89	549	1390	1650	83	118
20	9.2	e7.0	e10	e24	49	38	64	562	1320	1490	104	98
21	9.4	e7.0	e10	e22	48	55	76	723	918	1230	105	58
22	8.3	e7.5	e10	e21	49	63	81	916	750	1080	66	32
23	7.4	e7.0	e10	e28	48	78	93	1090	722	1020	48	28
24	7.1	e7.5	10	e22	43	67	102	1270	619	990	52	28
25	5.4	e7.5	11	e21	43	52	108	1410	559	924	58	32
26	3.6	e7.5	9.8	e19	41	42	55	1500	619	766	45	60
27	2.8	e7.0	9.0	e19	40	32	40	1540	844	650	40	48
28	2.7	e7.0	7.8	e21	42	25	56	1520	1230	605	41	35
29	5.1	e7.0	7.7	e20	---	32	89	1550	1380	769	33	22
30	8.1	e8.0	8.5	e19	---	28	126	1560	1510	992	40	20
31	7.5	---	e10	e18	---	34	---	1510	---	1180	64	---
TOTAL	311.1	190.2	297.5	653	1011	3117.4	1796	23923	39391	49736	9917	2244
MEAN	10.0	6.34	9.60	21.1	36.1	101	59.9	772	1313	1604	320	74.8
MAX	27	13	18	44	50	1160	133	1560	1680	2450	1220	136
MIN	2.7	2.1	7.0	10	18	8.8	11	174	559	605	33	20
AC-FT	617	377	590	1300	2010	6180	3560	47450	78130	98650	19670	4450

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1902 - 1995, BY WATER YEAR (WY)

MEAN	78.3	89.2	111	113	127	146	154	237	477	259	93.9	69.7
MAX	585	704	854	508	414	949	1344	1262	2255	1604	922	357
(WY)	1984	1983	1984	1984	1969	1983	1952	1969	1983	1995	1983	1983
MIN	.000	1.53	3.42	7.17	14.0	10.6	10.0	6.00	5.00	.23	.000	.000
(WY)	1932	1932	1993	1978	1930	1931	1924	1924	1924	1931	1924	1924

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1902 - 1995	
ANNUAL TOTAL	10390.1		132587.2			
ANNUAL MEAN	28.5		363		164	
HIGHEST ANNUAL MEAN					832	1983
LOWEST ANNUAL MEAN					12.9	1931
HIGHEST DAILY MEAN	66	May 21	2450	Jul 14	2740	Jun 6 1986
LOWEST DAILY MEAN	2.1	Nov 8	2.1	Nov 8	.00	Aug 1 1924
ANNUAL SEVEN-DAY MINIMUM	3.7	Nov 6	3.7	Nov 6	.00	Aug 1 1924
INSTANTANEOUS PEAK FLOW			2500	Jul 14	3280	Jul 10 1906
INSTANTANEOUS PEAK STAGE			10.81	Jul 13	10.81	Jul 13 1995
ANNUAL RUNOFF (AC-FT)	20610		263000		118700	
10 PERCENT EXCEEDS	51		1510		359	
50 PERCENT EXCEEDS	30		43		70	
90 PERCENT EXCEEDS	6.7		7.0		15	

e Estimated

10301500 WALKER RIVER NEAR WABUSKA, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1960 to June 1995 (discontinued).

PERIOD OF DAILY RECORD.--
CHEMICAL ANALYSES: October 1968 to September 1969.
SPECIFIC CONDUCTANCE: October 1968 to September 1976, once-daily; May to September 1995, four times per hour.
WATER TEMPERATURE: October 1968 to September 1976, once-daily; May to September 1995, four times per hour.

INSTRUMENTATION.--Water quality monitor May to September 1995, four times per hour.

REMARKS.--Inflow from two drainage ditches occasionally enters stream less than a mile above sampling site. Because inflow and streamflow differ in quality, and because the waters do not mix thoroughly above sampling site, flow at site is not homogenous either chemically or thermally when ditches discharge to the stream. Doubtless, this was responsible for some of the variation shown by daily specific-conductance and temperature data during water years 1969-76. Detailed sampling information is available from U.S. Geological Survey, Carson City, Nev. Pesticide analyses prior to October 1981 from U.S. Environmental Protection Agency. Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. In May 1994, station was incorporated into the Walker Lake Basin study.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 792 microsiemens, December 12, 1972; minimum daily, 137 microsiemens, July 31, 1995.
WATER TEMPERATURE: Maximum daily, 34.5°C, July 24, 1975; minimum daily, freezing point on several days during winter months of most years.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum recorded, 477 microsiemens, September 30; minimum recorded, 137 microsiemens, July 31.
WATER TEMPERATURE: Maximum recorded, 28.0°C, August 23; minimum recorded, 9.5°C, September 30.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
NOV												
08...	0851	1.9	476	8.2	2.5	4.0	0.60	652	10.6	95	130	37
APR												
05...	0914	11	459	8.0	9.0	8.0	5.8	652	9.2	91	130	37
MAY												
03...	1055	360	243	8.0	17.0	14.0	51	652	7.7	88	70	20
03...	1056	360	243	8.0	17.0	14.0	45	652	7.7	88	70	20
JUN												
28...	1230	1200	152	7.9	--	18.0	61	654	7.0	86	45	13

DATE	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
NOV												
08...	8.9	57	2	4.8	170	139	69	23	0.80	0.030	21	299
APR												
05...	8.4	46	2	5.1	165	135	63	22	0.70	0.020	20	295
MAY												
03...	4.8	23	1	3.8	111	91	19	8.0	0.40	<0.010	13	156
03...	4.8	23	1	3.5	111	91	19	7.8	0.50	<0.010	13	155
JUN												
28...	3.1	12	0.8	2.5	--	58	8.4	4.4	0.20	<0.010	11	98

DATE	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)
NOV												
08...	306	0.41	<0.010	<0.050	<0.015	<0.20	0.080	0.070	0.070	4	<1	12
APR												
05...	285	0.40	0.020	<0.050	<0.015	<0.20	0.070	0.070	0.070	6	<1	9
MAY												
03...	148	0.21	<0.010	0.090	<0.015	0.70	0.220	0.050	0.060	20	<1	10
03...	147	0.21	<0.010	0.090	<0.015	0.60	0.200	0.070	0.060	20	<1	10
JUN												
28...	97	0.13	0.010	0.070	0.020	0.30	0.120	0.050	0.060	70	<1	7

WALKER LAKE BASIN

10301500 WALKER RIVER NEAR WABUSKA, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)
NOV												
08...	44	<1	430	<1.0	1	<1	1	14	<1	30	93	<0.1
APR												
05...	53	<1	420	<1.0	2	<1	1	15	<1	40	65	<0.1
MAY												
03...	32	<1	230	<1.0	<1	<1	2	24	<1	30	14	<0.1
03...	32	<1	230	<1.0	<1	<1	1	24	<1	30	14	<0.1
JUN												
28...	26	<1	130	<1.0	<1	<1	6	88	<1	10	8	<0.1

DATE	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
NOV											
08...	8	1	<1	<1.0	340	2	-103.0	-12.7	8.0	1	0.01
APR											
05...	8	1	<1	<1.0	360	<1	-110.0	-13.7	8.0	18	0.55
MAY											
03...	7	1	<1	<1.0	180	<1	-109.0	-14.1	4.0	122	119
03...	6	1	<1	<1.0	180	<1	-111.0	-14.1	4.0	--	--
JUN											
28...	4	3	<1	<1.0	140	1	-111.0	-14.7	2.0	273	885

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	244	235	240
28	---	---	---	---	---	---	---	---	---	261	231	247
29	---	---	---	---	---	---	---	---	---	262	248	257
30	---	---	---	---	---	---	---	---	---	262	241	254
31	---	---	---	---	---	---	---	---	---	261	229	244
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

10301500 WALKER RIVER NEAR WABUSKA, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	248	206	230	202	168	186	164	139	149	350	271	298
2	219	202	210	20[illegible]	196	202	189	163	171	394	350	374
3	214	201	207	200	195	197	182	175	178	399	271	308
4	214	200	209	199	192	195	177	162	168	273	233	257
5	206	193	198	196	189	193	201	156	160	260	230	236
6	202	198	200	189	172	182	194	160	163	250	226	233
7	203	198	201	175	171	173	166	152	160	290	237	257
8	205	197	202	178	173	175	165	151	156	314	261	281
9	206	200	203	186	177	181	184	159	167	317	269	297
10	210	189	205	211	186	197	203	176	189	270	264	267
11	200	173	187	234	209	225	---	---	---	280	269	276
12	175	164	170	226	209	218	---	---	---	282	274	278
13	222	168	186	211	193	203	---	---	---	275	264	269
14	254	221	242	197	189	192	---	---	---	294	274	285
15	263	163	231	203	189	193	---	---	---	290	273	283
16	173	152	157	206	184	193	328	229	255	278	265	271
17	164	148	152	192	182	185	236	219	227	278	268	272
18	---	---	---	185	179	182	270	233	248	273	265	269
19	---	---	---	180	172	175	279	254	264	285	266	278
20	---	---	---	178	170	173	264	249	254	288	275	280
21	---	---	---	173	167	170	266	251	257	328	287	307
22	---	---	---	176	159	168	324	266	298	355	326	343
23	---	---	---	160	152	157	346	323	337	359	334	345
24	---	---	---	166	153	158	338	306	328	365	343	351
25	---	---	---	171	161	164	322	298	310	373	333	358
26	---	---	---	180	165	171	357	315	332	334	318	326
27	---	---	---	205	174	178	359	344	351	356	333	345
28	---	---	---	185	168	172	352	329	339	393	346	369
29	154	148	150	193	164	173	389	351	375	435	393	423
30	168	154	160	166	148	156	383	336	358	477	435	453
31	---	---	---	152	137	142	337	282	308	---	---	---
MONTH	---	---	---	234	137	182	---	---	---	477	226	306

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

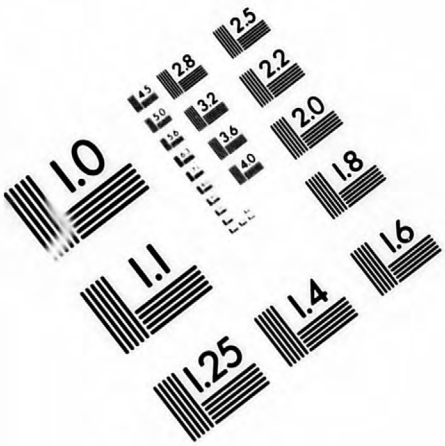
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	17.0	15.0	16.0
28	---	---	---	---	---	---	---	---	---	17.5	15.5	16.5
29	---	---	---	---	---	---	---	---	---	18.0	15.5	17.0
30	---	---	---	---	---	---	---	---	---	18.5	16.5	17.5
31	---	---	---	---	---	---	---	---	---	19.5	17.0	18.5
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

WALKER LAKE BASIN

10301500 WALKER RIVER NEAR WABUSKA, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	19.5	18.0	18.5	18.5	17.0	18.0	21.5	19.0	20.0	26.0	17.5	21.5
2	18.0	16.0	17.0	19.5	17.0	18.5	22.5	19.5	21.0	24.5	19.0	21.5
3	19.0	16.5	18.0	20.5	18.0	19.5	23.5	20.0	21.5	25.5	19.0	22.0
4	20.0	18.0	19.0	21.5	19.0	20.0	23.0	20.0	21.5	24.5	18.0	21.5
5	19.0	17.0	18.0	21.5	19.5	20.5	24.0	20.5	22.0	23.5	17.0	20.0
6	17.0	13.0	15.5	21.5	20.0	21.0	23.0	20.5	21.5	23.5	16.0	20.0
7	13.5	12.0	12.5	22.0	19.5	21.0	22.0	20.0	21.0	23.5	16.0	19.5
8	13.5	12.0	12.5	21.0	20.0	20.5	21.5	19.0	20.0	23.5	16.0	19.5
9	16.0	13.0	14.5	21.5	20.0	21.0	22.5	18.5	20.5	23.5	15.0	19.5
10	18.5	15.5	17.0	21.0	19.0	20.0	22.0	19.5	20.5	24.0	16.5	20.0
11	19.5	17.0	18.0	21.0	18.5	20.0	---	---	---	24.0	16.5	20.0
12	19.5	17.5	18.5	20.5	18.5	19.0	---	---	---	24.0	16.0	20.0
13	19.5	17.5	18.5	20.0	17.5	19.0	---	---	---	23.5	16.0	19.5
14	18.5	15.5	17.0	21.0	18.5	19.5	---	---	---	24.0	16.0	20.0
15	15.5	14.0	15.0	22.0	19.5	20.5	---	---	---	24.0	16.5	20.5
16	15.5	13.0	14.0	22.5	20.5	21.5	23.5	18.5	21.0	23.0	17.5	20.0
17	16.0	14.5	15.5	22.0	19.5	21.0	23.5	17.5	20.5	22.0	15.5	19.0
18	17.0	14.5	15.5	20.5	18.5	19.5	23.0	15.5	19.5	22.5	15.5	19.0
19	17.0	15.0	16.0	20.5	18.5	19.5	24.5	16.5	20.5	22.5	16.0	19.5
20	16.5	15.0	16.0	21.0	19.0	20.0	25.0	18.0	21.5	23.0	16.5	19.5
21	18.0	15.0	16.5	21.0	18.5	19.5	26.5	19.5	23.0	20.5	15.5	18.0
22	19.0	15.5	17.5	21.0	18.5	20.0	27.5	21.5	23.5	20.5	14.0	17.0
23	20.0	16.5	18.5	20.5	18.5	19.5	28.0	19.5	23.0	22.0	14.0	18.0
24	22.0	17.5	19.5	21.0	18.5	20.0	27.5	20.0	23.0	22.0	14.0	17.5
25	22.5	18.5	20.5	21.5	18.5	20.0	26.5	19.0	22.5	21.0	14.0	17.0
26	21.5	19.0	20.0	21.5	18.0	20.0	27.0	17.5	21.5	21.0	14.0	17.0
27	20.0	17.5	19.0	23.0	19.0	21.0	26.5	16.5	21.0	20.5	12.5	16.5
28	20.5	18.5	19.5	22.0	19.0	21.0	26.0	16.5	20.5	20.0	12.5	16.0
29	20.0	18.0	19.0	22.0	19.0	20.5	25.0	14.5	19.5	19.5	11.5	15.0
30	19.0	17.5	18.5	21.0	19.0	20.0	25.5	15.5	20.0	18.5	9.5	14.0
31	---	---	---	20.5	18.5	19.5	25.5	17.0	21.0	---	---	---
MONTH	22.5	12.0	17.2	23.0	17.0	20.0	---	---	---	26.0	9.5	18.9



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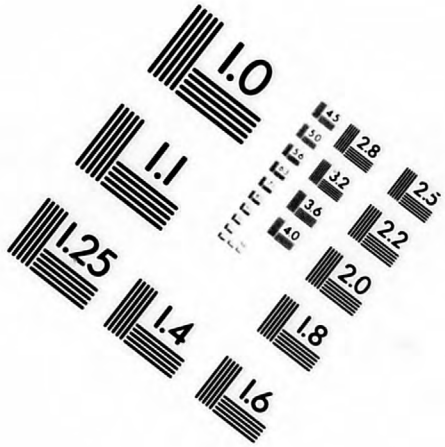
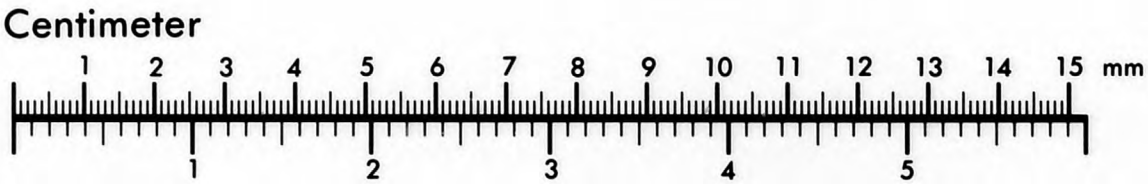
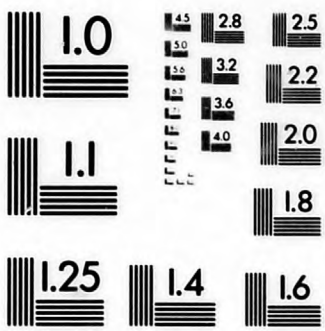
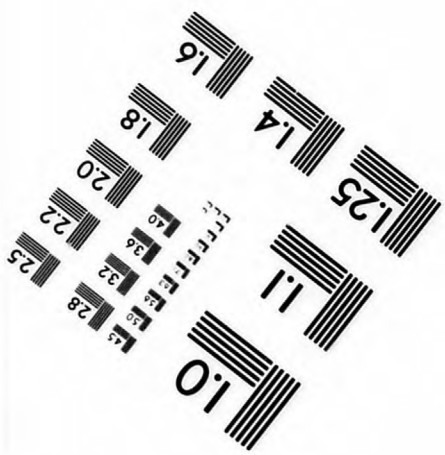
Silver Spring, Maryland 20910
301/587-8202

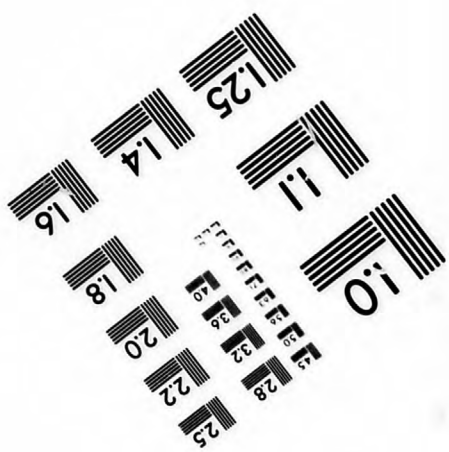








MANUFACTURED TO AIIM STANDARDS
BY APPLIED IMAGE, INC.



WALKER LAKE BASIN

10301500 WALKER RIVER NEAR WABUSKA, NV--Continued

Water-quality measurements in the following table were made as part of the Walker Lake Basin Study. The following analyses are quality-assurance samples processed during the 1995 sampling period and are defined in the section Water Quality-Control Data (page 25).

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	QUALITY ASSURANCE SAMPLE (TYPE)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)
APR											
05...	1130	FIELD BLANK	0	0.02	0.003	<0.03	<0.02	<0.3	<0.2	<1	<0.2
MAY											
03...	1330	FIELD BLANK	0	0.01	0.001	<0.03	<0.02	<0.3	<0.2	<1	<0.2

DATE	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)
APR									
05...	<0.2	<2	<0.3	<0.2	<0.2	0.6	<3	<0.3	<10
MAY									
03...	<0.2	<2	<0.3	<0.2	<0.2	0.3	<3	<0.3	<10

DATE	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MERCURY DISSOLVED (UG/L AS HG) (71890)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)
APR									
05...	<0.1	<0.1	<0.2	<1	<1	<0.2	<0.1	<1	<0.20
MAY									
03...	<0.1	<0.1	<0.2	<1	<1	<0.2	<0.1	<1	<0.20

WALKER LAKE BASIN

10301600 WALKER RIVER ABOVE WEBER RESERVOIR NEAR SCHURZ, NV

LOCATION.--Lat 39°06'12", long 118°55'42", in NW $^1/_4$ SE $^1/_4$ sec.02, T.14 N., R.27 E., Lyon County, Hydrologic Unit 16050303, on left bank, 5.5 mi upstream from Weber Dam, about 11 mi downstream from gage near Wabuska, and 12 mi northwest of Schurz.

DRAINAGE AREA.--2,700 mi^2, approximately.

PERIOD OF RECORD.--June 1977 to September 1982, June 1994 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,215 ft above sea level, from topographic map. Prior to September 1982, at same site at datum 1.0 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Many diversions for irrigation above station. Flow regulated by Bridgeport Reservoir (station 10292500) and Topaz Lake (station 10297000), combined capacity, 101,900 acre-ft. See schematic diagram of Walker Lake Basin at beginning of Walker Lake Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	.78	e4.0	e3.1	16	40	32	83	1200	1150	968	58
2	20	.99	e4.2	e3.0	16	42	31	114	1140	1220	811	51
3	18	4.4	e4.2	3.0	19	44	27	159	1120	1260	529	45
4	17	7.1	e4.4	3.4	16	37	29	266	1130	1300	513	64
5	17	5.8	4.4	6.7	15	24	23	318	1140	1320	626	85
6	18	4.3	e3.0	9.2	18	12	16	395	1150	1350	605	94
7	17	4.2	e3.0	19	22	6.4	14	439	1160	1360	578	92
8	13	3.8	e3.0	18	32	4.4	12	453	1180	1370	572	80
9	7.0	2.8	e3.0	14	31	4.3	12	438	1190	1380	513	63
10	5.3	2.8	e3.0	12	33	4.8	13	393	1200	1400	375	68
11	1.4	2.6	e3.0	21	33	7.0	13	428	1210	1430	247	77
12	.52	2.1	e3.0	21	34	44	21	486	1190	1470	188	77
13	.10	2.4	e3.4	32	33	327	13	500	1190	1530	155	74
14	.00	2.4	e4.1	39	34	241	12	404	1190	1600	125	80
15	.00	3.4	e4.8	35	35	156	45	289	1200	1580	94	70
16	.00	5.9	e7.0	31	36	125	70	299	1200	1530	73	78
17	.00	6.6	e6.5	34	35	108	81	414	1210	1470	114	89
18	.00	4.9	e6.5	33	38	95	81	523	1220	1420	107	90
19	.00	3.0	e8.6	30	40	78	63	513	1190	1350	86	90
20	.00	e2.8	e6.2	29	43	61	58	504	1130	1280	81	90
21	.00	e2.8	e5.3	27	43	50	48	549	1030	1190	92	76
22	1.4	e2.9	e3.2	25	43	56	51	791	708	1010	84	60
23	2.2	e3.1	2.6	25	43	61	53	895	596	877	64	46
24	1.4	e3.1	3.1	27	43	66	60	1010	556	819	54	43
25	.61	e3.1	e4.0	25	40	59	66	1090	595	774	56	41
26	.92	e3.1	e5.0	27	39	50	71	1150	384	666	55	45
27	.88	e3.2	6.8	23	37	44	49	1180	473	503	47	55
28	.80	e3.6	5.4	23	37	37	40	1200	785	402	44	47
29	.99	e3.8	3.9	23	---	32	47	1210	985	393	43	39
30	1.0	e4.3	3.2	20	---	33	64	1220	1070	595	40	31
31	1.1	---	e3.0	16	---	30	---	1230	---	799	44	---
TOTAL	159.62	106.07	134.8	657.4	904	1978.9	1215	18943	30522	35798	7983	1998
MEAN	5.15	3.54	4.35	21.2	32.3	63.8	40.5	611	1017	1155	258	66.6
MAX	20	7.1	8.6	39	43	327	81	1230	1220	1600	968	94
MIN	.00	.78	2.6	3.0	15	4.3	12	83	384	393	40	31
AC-FT	317	210	267	1300	1790	3930	2410	37570	60540	71010	15830	3960

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1995, BY WATER YEAR (WY)

MEAN	45.4	47.3	51.2	91.0	109	129	188	359	452	360	111	86.2
MAX	149	120	109	237	232	283	563	652	1017	1155	260	236
(WY)	1981	1981	1981	1979	1980	1980	1982	1980	1995	1995	1980	1980
MIN	3.39	.032	3.97	6.12	20.0	20.7	40.5	33.9	24.9	20.6	15.0	17.9
(WY)	1978	1978	1978	1978	1978	1978	1995	1978	1994	1977	1994	1977

SUMMARY STATISTICS	FOR 1995 WATER YEAR		WATER YEARS 1977 - 1995	
ANNUAL TOTAL	100399.79			
ANNUAL MEAN	275		189	
HIGHEST ANNUAL MEAN			305	1980
LOWEST ANNUAL MEAN			32.7	1978
HIGHEST DAILY MEAN	1600	Jul 14	1900	Jul 5 1980
LOWEST DAILY MEAN	.00	Oct 14	.00	Jul 16 1977
ANNUAL SEVEN-DAY MINIMUM	.00	Oct 14	.00	Oct 14 1994
INSTANTANEOUS PEAK FLOW	1640	Jul 14	2000	Jul 2 1980
INSTANTANEOUS PEAK STAGE	10.35	Jul 14	.00	Jul 2 1980
ANNUAL RUNOFF (AC-FT)	199100		136900	
10 PERCENT EXCEEDS	1180		516	
50 PERCENT EXCEEDS	43		62	
90 PERCENT EXCEEDS	3.0		8.9	

e Estimated

WALKER LAKE BASIN

10301700 WEBER RESERVOIR NEAR SHURZ, NV

LOCATION.--Lat 39°02'41", long 118°51'33", in NE $^1/_4$ SW $^1/_4$ sec.28, T.14 N., R.28 E., Mineral County, Hydrologic Unit 16050303, approximately 8 miles above Shurz, Nevada.

DRAINAGE AREA.--2,770 mi^2, approximately.

PERIOD OF RECORD.--April to September 1995.

GAGE.--Water-stage recorder. Elevation of gage is 4,221 ft above sea level (project datum Bureau of Indian Affairs).

REMARKS.--Reservoir is formed by earth and gravel-fill dam, constructed by Bureau of Indian Affairs (formerly U. S. Indian Service). Construction started September 21, 1933. Storage began July 27, 1934, although it was nearly a year later before the dam was completely finished. Capacity 10,700 acre-ft, with a surface area at 900 acres, determined from Bathymetric Survey by U. S. Geological Survey in 1973. Many diversions for irrigation above reservoir. Flow regulated by Bridgeport Reservoir (station 10292500) and Topaz Lake (station 10297000), combined capacity, 101,900 acre-ft. See schematic diagram of Walker Lake Basin at beginning of Walker Lake Basin section.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 8,140 acre-ft, May 14, elevation 4204.93 ft; minimum, 5,160 acre-ft, June 22, elevation 4200.75 ft.

Capacity table (elevation, in feet, and contents, in acre-feet)

4,181	0	4,200	4,750
4,185	250	4,205	8,200
4,190	850	4,208	10,700
4,195	2,100		

RESERVOIR STORAGE (AC-FT), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
INSTANTANEOUS OBSERVATIONS AT 24:00

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	7010	6970	6560	7880	6390
2	---	---	---	---	---	---	---	6980	6830	6730	7430	6350
3	---	---	---	---	---	---	---	6870	6680	6980	6840	6290
4	---	---	---	---	---	---	---	6700	6620	7260	6440	6220
5	---	---	---	---	---	---	---	6740	6630	7390	6260	6230
6	---	---	---	---	---	---	---	6830	6630	7280	6240	6260
7	---	---	---	---	---	---	---	6950	6550	7130	6260	6320
8	---	---	---	---	---	---	---	7080	6600	7040	6240	6360
9	---	---	---	---	---	---	---	7220	6600	7000	6480	6360
10	---	---	---	---	---	---	---	7310	6480	6930	6850	6330
11	---	---	---	---	---	---	---	7450	6400	6920	6900	6340
12	---	---	---	---	---	---	---	7700	6280	6940	6690	6340
13	---	---	---	---	---	---	---	8020	6190	7100	6660	6340
14	---	---	---	---	---	---	---	8140	6140	7360	6780	6350
15	---	---	---	---	---	---	---	7780	6180	7560	6800	6350
16	---	---	---	---	---	---	---	7400	6200	7500	6740	6320
17	---	---	---	---	---	---	---	7230	6220	7170	6710	6350
18	---	---	---	---	---	---	---	7230	6230	6800	6760	6390
19	---	---	---	---	---	---	---	7240	6160	6230	6760	6440
20	---	---	---	---	---	---	---	7230	5890	6700	6740	6480
21	---	---	---	---	---	---	---	7230	5570	7040	6760	6500
22	---	---	---	---	---	---	---	7520	5160	6890	6[illegible]	6490
23	---	---	---	---	---	---	---	7510	5260	6600	6[illegible]0	6440
24	---	---	---	---	---	---	---	7610	5750	6320	6[illegible]60	6370
25	---	---	---	---	---	---	---	7780	5960	6880	6830	6290
26	---	---	---	---	---	---	---	7630	6030	7630	6810	6220
27	---	---	---	---	---	---	7140	7320	6200	7940	6780	6170
28	---	---	---	---	---	---	7110	7350	6290	7900	6720	6110
29	---	---	---	---	---	---	7080	7210	6540	7760	6630	6040
30	---	---	---	---	---	---	7030	7080	6500	7940	6540	5940
31	---	---	---	---	---	---	---	7020	---	8090	6460	---
MAX	---	---	---	---	---	---	---	8140	6970	8090	7880	6500
MIN	---	---	---	---	---	---	---	6700	5160	6230	6240	5940
#	---	---	---	---	---	---	4203.55	4203.54	4202.73	4204.88	4202.68	4201.99
##	---	---	---	---	---	---	---	-10	-520	+1590	-1630	+520

\# Elevation, in feet above sea level, at end of month.
Change in contents, in acre-feet.

WALKER LAKE BASIN

10301742 CANAL NO 2 ABOVE LITTLE DAM NEAR SCHURZ, NV

LOCATION.--Lat 39°00'51", long 118°51'36", in SE $^1/_4$ SW $^1/_4$ sec.04, T.13 N., R.28 E., Mineral County, Hydrologic Unit 16050303, on right bank, about 2 mi downstream from Weber Dam, and about 5 mi northwest of Schurz.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--April to September 1995.

GAGE.--Water-stage recorder. Elevation of gage is 4,160 ft above sea level, from topographic map.

REMARKS.--Records poor. Flow regulated by control gate on Walker River. See schematic diagram of Walker Lake Basin at beginning of Walker Lake Basin section.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge during period April to September, 50 ft^3/s, April 19; minimum daily, 16 ft^3/s, April 24.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	e35	e23	e37	e40	e37
2	---	---	---	---	---	---	---	e39	e23	e37	e41	e37
3	---	---	---	---	---	---	---	e41	e23	e37	e41	e36
4	---	---	---	---	---	---	---	e40	e23	e37	e41	e36
5	---	---	---	---	---	---	---	e40	e23	e37	e41	e35
6	---	---	---	---	---	---	---	e39	e23	e37	e41	e35
7	---	---	---	---	---	---	---	e39	e24	e36	e42	e35
8	---	---	---	---	---	---	---	e38	e25	e36	e42	e35
9	---	---	---	---	---	---	---	e38	e26	e36	e42	e35
10	---	---	---	---	---	---	---	e37	e27	e35	e42	e35
11	---	---	---	---	---	---	---	e36	e28	e35	e43	e35
12	---	---	---	---	---	---	---	e36	e28	e35	e43	e35
13	---	---	---	---	---	---	---	e32	e29	e35	e43	e35
14	---	---	---	---	---	---	---	e30	e30	e34	e43	e36
15	---	---	---	---	---	---	---	e28	e31	e33	e43	e36
16	---	---	---	---	---	---	---	e27	e32	e32	e42	e36
17	---	---	---	---	---	---	---	e25	e33	e31	e42	e36
18	---	---	---	---	---	---	---	e23	e34	e31	e41	e36
19	---	---	---	---	---	---	e50	e23	e35	e30	e41	e36
20	---	---	---	---	---	---	e40	e23	e36	e36	e41	e36
21	---	---	---	---	---	---	e30	e23	e36	e38	e40	e37
22	---	---	---	---	---	---	e24	e23	e36	e38	e40	e37
23	---	---	---	---	---	---	e19	e23	e36	e38	e40	e37
24	---	---	---	---	---	---	e16	e23	e36	e38	e39	e37
25	---	---	---	---	---	---	e17	e23	e36	e39	e39	e37
26	---	---	---	---	---	---	e19	e23	e36	e39	e39	e38
27	---	---	---	---	---	---	e22	e23	e36	e40	e38	e38
28	---	---	---	---	---	---	e24	e23	e36	e40	e38	e38
29	---	---	---	---	---	---	e27	e23	e36	e40	e38	e38
30	---	---	---	---	---	---	e30	e23	e36	e40	e38	e38
31	---	---	---	---	---	---	---	e23	---	e40	e37	---
TOTAL	---	---	---	---	---	---	---	922	916	1127	1261	1088
MEAN	---	---	---	---	---	---	---	29.7	30.5	36.4	40.7	36.3
MAX	---	---	---	---	---	---	---	41	36	40	43	38
MIN	---	---	---	---	---	---	---	23	23	30	37	35
AC-FT	---	---	---	---	---	---	---	1830	1820	2240	2500	2160

e Estimated

WALKER LAKE BASIN

10301745 WALKER RIVER ABOVE LITTLE DAM NEAR SCHURZ, NV

LOCATION.--Lat 39°00'49", long 118°51'36", in SE $^1/_4$ SW $^1/_4$ sec.04, T.13 N., R.28 E., Mineral County, Hydrologic Unit 16050303, on left bank, about 2 mi downstream from Weber Dam, and about 5 mi northwest of Schurz.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--April to September 1995.

GAGE.--Water-stage recorder. Elevation of gage is 4,160 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Bridgeport Reservoir (station 10292500), Topaz Lake (station 10297000) and Weber Reservoir (station 10301700), combined capacity, 112,600 acre-ft. See schematic diagram of Walker Lake Basin at beginning of Walker Lake Basin section.

EXTREMES FOR CURRENT YEAR.--Maximum discharge during period April to September, 2,310 ft^3/s, July 14, gage height, 8.39 ft; no flow at times in April, August, and September.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	11	1190	1220	1150	.00
2	---	---	---	---	---	---	---	34	1170	1310	1260	5.0
3	---	---	---	---	---	---	---	104	1150	1340	1100	38
4	---	---	---	---	---	---	---	235	1150	1420	928	42
5	---	---	---	---	---	---	---	277	1140	1630	881	53
6	---	---	---	---	---	---	---	291	1170	1780	784	31
7	---	---	---	---	---	---	---	306	1260	1750	731	24
8	---	---	---	---	---	---	---	316	1300	1750	705	17
9	---	---	---	---	---	---	---	338	1400	1770	596	29
10	---	---	---	---	---	---	---	358	1520	1810	396	35
11	---	---	---	---	---	---	---	343	1480	1900	395	26
12	---	---	---	---	---	---	---	351	1440	2070	399	22
13	---	---	---	---	---	---	---	374	1410	2160	230	18
14	---	---	---	---	---	---	---	410	1400	2170	66	14
15	---	---	---	---	---	---	---	465	1390	2100	62	13
16	---	---	---	---	---	---	---	448	1430	2130	43	13
17	---	---	---	---	---	---	---	443	1430	2090	45	13
18	---	---	---	---	---	---	---	439	1440	2000	51	12
19	---	---	---	---	---	---	e60	448	1420	1890	67	6.0
20	---	---	---	---	---	---	e75	441	1370	1350	64	.09
21	---	---	---	---	---	---	e75	448	1300	1160	32	.09
22	---	---	---	---	---	---	e68	513	1060	1170	25	.10
23	---	---	---	---	---	---	e40	641	679	1100	9.7	.11
24	---	---	---	---	---	---	e6.9	712	431	1050	3.9	.10
25	---	---	---	---	---	---	1.8	851	464	629	2.3	.09
26	---	---	---	---	---	---	.47	1090	465	401	.00	11
27	---	---	---	---	---	---	.00	1210	466	566	.00	21
28	---	---	---	---	---	---	.00	1160	647	644	.39	22
29	---	---	---	---	---	---	.00	1230	834	653	3.2	19
30	---	---	---	---	---	---	6.3	1280	1140	662	1.1	17
31	---	---	---	---	---	---	---	1260	---	832	.06	---
TOTAL	---	---	---	---	---	---	---	16827	34146	44507	10030.65	501.58
MEAN	---	---	---	---	---	---	---	543	1138	1436	324	16.7
MAX	---	---	---	---	---	---	---	1280	1520	2170	1260	53
MIN	---	---	---	---	---	---	---	11	431	401	.00	.00
AC-FT	---	---	---	---	---	---	---	33380	67730	88280	19900	995

e Estimated

WALKER LAKE BASIN

10301755 CANAL NO 1 BELOW LITTLE DAM NEAR SCHURZ, NV

LOCATION.--Lat 39°00'45", long 118°51'37", in SE $^1/_4$ SW $^1/_4$ sec.04, T.13 N., R.28 E., Mineral County, Hydrologic Unit 16050303, on left bank, about 2 mi downstream from Weber Dam, and about 5 mi northwest of Schurz.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--April to September 1995.

GAGE.--Water-stage recorder. Elevation of gage is 4,160 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by control gate on Walker River. See schematic diagram of Walker Lake Basin at beginning of Walker Lake Basin section.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge during period April to September, 43 ft^3/s, July 7; minimum daily, 0.10 ft^3/s, July 28-30 and September 10.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	28	e28	37	20	33
2	---	---	---	---	---	---	---	29	41	33	23	30
3	---	---	---	---	---	---	---	31	36	34	22	13
4	---	---	---	---	---	---	---	33	29	31	e12	8.2
5	---	---	---	---	---	---	---	33	29	32	e7.0	8.2
6	---	---	---	---	---	---	---	24	30	40	14	8.3
7	---	---	---	---	---	---	---	21	33	43	21	16
8	---	---	---	---	---	---	---	e10	31	39	31	19
9	---	---	---	---	---	---	---	e4.0	e7.0	13	33	6.4
10	---	---	---	---	---	---	---	e1.0	e4.0	25	34	e.10
11	---	---	---	---	---	---	---	e3.0	e1.0	32	38	e11
12	---	---	---	---	---	---	---	e1.0	e9.0	26	39	13
13	---	---	---	---	---	---	---	e1.0	13	30	38	18
14	---	---	---	---	---	---	---	e1.0	e4.0	24	32	23
15	---	---	---	---	---	---	---	e1.0	e8.0	29	30	25
16	---	---	---	---	---	---	---	e1.0	e1.0	32	37	25
17	---	---	---	---	---	---	---	e1.0	e1.0	27	33	25
18	---	---	---	---	---	---	---	e1.0	e1.0	32	25	25
19	---	---	---	---	---	---	---	e1.0	e6.0	36	12	28
20	---	---	---	---	---	---	---	e1.0	9.0	34	12	32
21	---	---	---	---	---	---	13	e1.0	28	33	12	31
22	---	---	---	---	---	---	13	e1.0	13	37	12	31
23	---	---	---	---	---	---	9.7	e28	11	32	12	32
24	---	---	---	---	---	---	12	34	15	20	12	32
25	---	---	---	---	---	---	25	29	15	16	18	32
26	---	---	---	---	---	---	25	17	30	16	29	21
27	---	---	---	---	---	---	23	16	34	e2.0	33	11
28	---	---	---	---	---	---	23	16	33	e.10	36	9.7
29	---	---	---	---	---	---	24	e5.0	39	e.10	38	14
30	---	---	---	---	---	---	26	e1.0	42	e.10	37	17
31	---	---	---	---	---	---	---	e1.0	---	e10	35	---
TOTAL	---	---	---	---	---	---	---	375.0	581.0	795.30	787.0	597.90
MEAN	---	---	---	---	---	---	---	12.1	19.4	25.7	25.4	19.9
MAX	---	---	---	---	---	---	---	34	42	43	39	33
MIN	---	---	---	---	---	---	---	1.0	1.0	.10	7.0	.10
AC-FT	---	---	---	---	---	---	---	744	1150	1580	1560	1190

e Estimated

WALKER LAKE BASIN

10302002 WALKER RIVER AT LATERAL 2-A SIPHON NEAR SCHURZ, NV

LOCATION.--Lat 38°56'25", long 118°48'10", in SE $^1/_4$ SW $^1/_4$ sec.36, T.13 N., R.28 E., Mineral County, Hydrologic Unit 16050303, on right bank, 0.3 mi east of U.S. Highway 95 and U.S. Alternate Highway 95 Junction, and 0.9 mi southeast of U.S. Highway 95 Highway Bridge in Schurz.

DRAINAGE AREA.-- Not determined.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1994 to September 1995.

GAGE.--Water-stage recorder.

REMARKS.--Records good except for estimated daily discharges, which are poor. Diversions for irrigation above station. Flow regulated by Bridgeport Reservoir (station 10292500), Topaz Lake (station 10297000), and Weber Reservoir (station 10301700), combined capacity, 112,600 acre-ft. See schematic diagram of Walker Lake Basin at beginning of Walker Lake Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	e.00	.00	.00	.00	.00	e1320	1080	1020	11
2	.00	.00	.00	e.00	.00	.00	.00	.00	e1270	1170	1190	11
3	.00	.00	.00	e.00	.00	.00	.00	15	e1300	1220	1080	28
4	.00	.00	.00	.00	.00	.00	.00	183	e1330	1280	888	37
5	.00	.00	.00	.00	.00	.00	.00	255	e1360	1420	838	41
6	.00	.00	.00	.00	.00	.00	.00	229	e1390	1730	789	40
7	.00	.00	.00	.00	.00	.00	.00	250	e1420	1870	729	30
8	.00	.00	.00	.00	.00	.00	.00	287	e1460	1830	714	23
9	.00	.00	e.00	.00	.00	.00	.00	314	1470	1840	664	27
10	.00	.00	e.00	.00	.00	.00	.00	287	1570	1860	414	35
11	.00	.00	e.00	.00	.00	.00	.00	295	1560	1890	410	34
12	.00	.00	e.00	.00	.00	.00	.00	311	1550	1960	404	25
13	.00	.00	e.00	.00	.00	.00	.00	380	1470	2040	334	24
14	.00	.00	e.00	.00	.00	.00	.00	432	1440	2100	172	18
15	.00	.00	e.00	.00	.00	.00	.00	525	1450	2190	172	18
16	.00	.00	e.00	.00	.00	.00	.00	541	1470	2230	171	25
17	.00	.00	e.00	.00	.00	.00	.00	549	1480	e2250	133	26
18	.00	.00	e.00	.00	.00	.00	10	547	1480	e2150	43	25
19	.00	.00	e.00	.00	.00	.00	40	556	1480	e2060	59	27
20	.00	.00	e.00	.00	.00	.00	33	563	1450	1530	55	11
21	.00	.00	e.00	.00	.00	.00	44	589	1390	1130	40	8.2
22	.00	.00	e.00	.00	.00	.00	42	675	1190	1180	27	4.7
23	.00	.00	e.00	.00	.00	.00	28	774	e800	1120	25	7.9
24	.00	.00	e.00	.00	.00	.00	4.2	858	e500	1050	16	13
25	.00	.00	e.00	.00	.00	.00	.00	949	e400	761	23	11
26	.00	.00	e.00	.00	.00	.00	.00	1170	e400	448	23	14
27	.00	.00	e.00	.00	.00	.00	.00	1350	e455	549	19	19
28	.00	.00	e.00	.00	.00	.00	.00	1290	571	634	19	29
29	.00	.00	e.00	.00	---	.00	.00	1260	732	630	17	27
30	.00	.00	e.00	.00	---	.00	.00	1370	1020	638	17	21
31	.00	---	e.00	.00	---	.00	---	1380	---	730	13	---
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	201.20	18184.00	36178	44570	10518	670.8
MEAN	.000	.000	.000	.000	.000	.000	6.71	587	1206	1438	339	22.4
MAX	.00	.00	.00	.00	.00	.00	44	1380	1570	2250	1190	41
MIN	.00	.00	.00	.00	.00	.00	.00	.00	400	448	13	4.7
AC-FT	.00	.00	.00	.00	.00	.00	399	36070	71760	88400	20860	1330

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 1995, BY WATER YEAR (WY)

MEAN	.000	.000	.000	.000	.000	.000	6.71	587	1206	1438	339	22.4
MAX	.000	.000	.000	.000	.000	.000	6.71	587	1206	1438	339	22.4
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995
MIN	.000	.000	.000	.000	.000	.000	6.71	587	1206	1438	339	22.4
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995

SUMMARY STATISTICS FOR 1995 WATER YEAR

ANNUAL TOTAL	110322.00	
ANNUAL MEAN	302	
HIGHEST DAILY MEAN	2250	Jul 17
LOWEST DAILY MEAN	.00	Oct 1
ANNUAL SEVEN-DAY MINIMUM	.00	Oct 1
INSTANTANEOUS PEAK FLOW	2290	Jul 16
INSTANTANEOUS PEAK STAGE	7.82	Jul 16
ANNUAL RUNOFF (AC-FT)	218800	
10 PERCENT EXCEEDS	1340	
50 PERCENT EXCEEDS	.00	
90 PERCENT EXCEEDS	.00	

e Estimated

WALKER LAKE BASIN

10302002 WALKER RIVER AT LATERAL 2-A SIPHON NEAR SCHURZ, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November and December 1993, May to September 1995.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May to September 1995.
WATER TEMPERATURE: May to September 1995.

INSTRUMENTATION.--Specific conductance and water temperature monitor since May 1995, four times per hour.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. Records represent water temperature at probe within 0.5°C.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 625 microsiemens, September 23, 1995; minimum recorded, 163 microsiemens, August 5, 1995.
WATER TEMPERATURE: Maximum recorded, 27.0°C, August 21, 1995; minimum recorded, 13.0°C, September 30, 1995.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)
JUN 27...	1240	455	213	8.0	22.0	6.0	655	6.6	88	69	20	4.6

DATE	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
JUN 27...	18	0.9	3.2	103	84	13	5.7	0.30	<0.010	15	134

DATE	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)
JUN 27...	132	0.18	<0.010	<0.050	0.040	0.30	0.160	0.130	0.130	70	<1

DATE	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)
JUN 27...	14	34	<1	140	<1.0	<1	<1	5	130	<1	10

DATE	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)
JUN 27...	10	<0.1	6	4	<1	<1.0	210	2	-108.0	-14.2	2.0

WALKER LAKE BASIN

10302002 WALKER RIVER AT LATERAL 2-A SIPHON NEAR SCHURZ, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	279	272	275
28	---	---	---	---	---	---	---	---	---	275	271	273
29	---	---	---	---	---	---	---	---	---	284	266	273
30	---	---	---	---	---	---	---	---	---	266	254	259
31	---	---	---	---	---	---	---	---	---	258	249	254
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	265	249	259	195	185	190	178	169	173	---	---	---
2	---	---	---	186	---	---	179	172	175	538	445	500
3	---	---	---	183	---	---	175	168	171	503	344	441
4	---	---	---	201	181	191	168	164	166	332	307	318
5	---	---	---	210	199	204	169	163	166	324	306	316
6	---	---	---	211	---	---	172	165	168	331	309	318
7	---	---	---	208	204	206	173	169	171	353	330	338
8	---	---	---	205	197	201	174	170	172	387	345	365
9	---	---	---	198	---	---	186	170	173	368	330	352
10	---	---	---	196	---	---	191	182	186	328	297	317
11	---	---	---	192	---	---	185	177	182	334	311	321
12	---	---	---	198	189	193	182	175	180	356	334	348
13	---	---	---	222	198	208	---	---	---	372	353	362
14	---	---	---	236	222	231	---	---	---	406	372	392
15	---	---	---	233	223	230	---	---	---	419	375	407
16	---	---	---	224	209	218	---	---	---	378	369	373
17	---	---	---	210	206	208	---	---	---	374	356	365
18	---	---	---	208	199	204	325	307	314	372	355	362
19	---	---	---	200	193	197	321	269	282	376	337	355
20	---	---	---	199	191	195	296	275	282	515	375	430
21	---	---	---	194	186	190	339	287	310	552	517	535
22	---	---	---	189	183	186	395	331	361	605	548	577
23	---	---	---	186	181	183	405	362	385	625	452	568
24	---	---	---	185	178	181	430	403	414	546	430	481
25	---	---	---	212	176	189	459	427	439	516	405	463
26	---	---	---	208	193	199	514	431	479	533	391	448
27	---	---	---	194	177	187	---	---	---	578	489	530
28	218	210	214	181	175	178	---	---	---	489	358	385
29	210	204	208	178	174	176	---	---	---	383	371	379
30	205	194	199	178	172	174	---	---	---	425	377	409
31	---	---	---	177	170	174	---	---	---	---	---	---
MONTH	---	---	---	236	---	---	---	---	---	---	---	---

WALKER LAKE BASIN

10302002 WALKER RIVER AT LATERAL 2-A SIPHON NEAR SCHURZ, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	18.5	16.0	17.0
28	---	---	---	---	---	---	---	---	---	19.0	16.0	17.5
29	---	---	---	---	---	---	---	---	---	20.5	17.0	18.5
30	---	---	---	---	---	---	---	---	---	21.0	17.5	19.0
31	---	---	---	---	---	---	---	---	---	21.5	19.5	20.5
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	21.5	19.0	20.5	22.5	21.0	21.5	24.5	22.0	23.0	24.5	18.5	21.5
2	---	---	---	23.5	20.5	22.0	24.5	22.0	23.0	23.0	20.0	21.5
3	---	---	---	23.0	20.5	21.5	25.5	22.0	23.5	24.0	18.5	21.5
4	---	---	---	23.0	20.5	22.0	26.0	22.5	24.0	26.0	19.0	22.0
5	---	---	---	23.5	21.0	22.0	26.5	23.0	24.5	24.5	17.5	21.0
6	---	---	---	24.0	21.5	23.0	26.0	22.5	24.0	24.5	17.0	20.5
7	---	---	---	24.0	21.5	22.5	25.5	22.0	23.5	24.0	17.0	20.5
8	---	---	---	24.0	22.0	23.0	25.0	21.0	23.0	23.5	17.0	20.0
9	---	---	---	24.0	22.0	23.0	24.5	21.0	22.5	24.0	16.5	20.5
10	---	---	---	24.5	22.0	23.0	25.0	21.0	23.0	24.5	17.5	21.0
11	---	---	---	24.0	22.0	23.0	25.0	19.5	22.0	24.5	17.5	21.0
12	---	---	---	23.0	21.0	22.0	25.5	20.5	23.0	24.0	17.0	20.5
13	---	---	---	22.5	20.5	21.0	---	---	---	24.0	17.0	20.5
14	---	---	---	22.5	20.0	21.0	---	---	---	23.5	17.0	20.5
15	---	---	---	23.0	20.5	21.5	---	---	---	23.5	18.0	20.5
16	---	---	---	24.0	21.0	22.5	---	---	---	23.0	18.0	20.5
17	---	---	---	23.0	22.0	22.5	---	---	---	22.0	16.5	19.0
18	---	---	---	24.5	22.0	23.0	24.5	17.0	20.5	22.5	16.5	19.5
19	---	---	---	24.0	22.0	23.0	26.0	18.0	21.5	23.0	17.0	20.0
20	---	---	---	24.5	22.0	23.0	25.0	18.5	21.5	22.5	18.0	20.5
21	---	---	---	24.5	22.0	23.0	27.0	20.0	23.0	21.0	17.0	19.0
22	---	---	---	24.5	21.5	23.0	26.5	20.5	23.0	20.0	16.0	18.0
23	---	---	---	24.5	21.0	23.0	25.0	20.5	22.5	21.0	16.0	18.5
24	---	---	---	25.0	21.5	23.0	25.5	20.0	22.5	20.5	16.0	18.5
25	---	---	---	26.0	22.0	23.5	25.5	19.0	22.5	20.5	16.0	18.5
26	---	---	---	26.0	21.0	23.0	25.0	18.5	22.0	20.0	15.5	17.5
27	---	---	---	25.5	20.5	23.0	24.0	18.0	21.0	20.0	14.5	17.5
28	25.5	22.0	23.5	24.5	21.5	23.5	24.0	17.5	21.0	19.5	15.0	17.0
29	25.5	22.5	24.0	25.5	21.5	23.0	24.0	16.5	20.5	18.5	14.0	16.0
30	23.5	21.0	22.5	25.0	21.0	23.0	24.5	17.0	21.0	17.0	13.0	15.0
31	---	---	---	25.5	21.5	23.5	24.0	17.5	21.0	---	---	---
MONTH	---	---	---	26.0	20.0	22.6	---	---	---	26.0	13.0	19.6

WALKER LAKE BASIN

10302005 WALKER RIVER AT POWERLINE CROSSING NEAR SCHURZ, NV

LOCATION.--Lat 38°53'41", long 118°46'54", in NW¼ NE¼ sec.04, T.12 N., R.19 E., Mineral County, Hydrologic Unit 16050303, 0.9 mi east of Highway 95, and 4.3 mi southeast of Schurz.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--November to December 1993, May 1995 (discontinued).

REMARKS.--In May 1995, station was incorporated into the Walker Lake Basin study.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
MAY 02...	1735	0.04	849	7.7	17.0	15.0	0.50	655	7.5	87	220	60

DATE	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
MAY 02...	18	93	3	12	296	243	130	40	0.90	<0.010	43	572

DATE	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)
MAY 02...	546	0.78	<0.010	<0.050	0.020	0.50	0.600	0.600	0.610	2	<1

DATE	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)
MAY 02...	84	71	<1	570	<1.0	3	<1	1	29	<1	70

DATE	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)
MAY 02...	100	<0.1	16	3	<1	<1.0	670	<1	-101.0	-12.2	11

WALKER LAKE BASIN

10302025 WALKER RIVER NEAR MOUTH AT WALKER LAKE, NV

LOCATION.--Lat 38°47'28", long 118°43'34", in SE$^1/_4$ SE$^1/_4$ sec.29, T.11 N., R.29 E., Mineral County, Hydrologic Unit 16050303, 12.1 mi southeast of Schurz.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--August 1994 to June 1995 (discontinued).

REMARKS.--In August 1994, station was incorporated into the Walker Lake Basin study.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
NOV												
07...	1223	0.72	2220	8.7	6.0	11.0	4.5	656	11.4	121	84	18
07...	1224	0.72	2220	8.7	6.0	11.0	4.0	656	11.4	121	84	18
APR												
03...	1550	0.82	20900	9.3	14.5	24.0	6.2	654	9.7	145	80	18
MAY												
02...	1405	1.4	21700	9.0	20.0	22.0	27	655	8.5	123	200	41
JUN												
26...	1610	--	325	8.3	29.0	26.0	170	657	6.4	92	77	21

DATE	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
NOV												
07...	9.3	490	23	20	461	14	402	330	240	4.4	0.45	48
07...	9.4	490	23	20	461	14	402	330	230	4.4	0.45	49
APR												
03...	8.4	440	21	22	303	96	408	330	220	4.6	0.36	39
MAY												
02...	23	400	12	25	334	31	326	450	200	3.3	0.11	28
JUN												
26...	5.8	35	2	5.6	118	4	100	36	12	0.50	<0.010	17

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)
NOV												
07...	1420	1410	1.93	<0.010	<0.050	<0.015	0.40	0.390	0.360	0.390	10	<1
07...	1420	1430	1.93	<0.010	<0.050	<0.015	0.30	0.370	0.360	0.390	20	<1
APR												
03...	1380	1330	1.88	0.030	<0.050	<0.015	0.40	0.260	0.220	0.260	40	1
MAY												
02...	1460	1370	1.99	<0.010	<0.050	0.040	1.1	0.290	0.200	0.210	20	1
JUN												
26...	203	196	0.28	<0.010	<0.050	0.020	0.70	0.940	0.140	0.140	40	<1

DATE	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)
NOV											
07...	180	16	<1	4600	<1.0	2	<1	4	26	3	80
07...	190	17	<1	4600	<1.0	2	<1	3	23	1	80
APR											
03...	170	19	<1	420	<1.0	5	<1	3	81	<1	80
MAY											
02...	150	45	<1	3600	<1.0	4	<1	6	66	2	100
JUN											
26...	31	24	<1	280	<1.0	<1	<1	3	49	<1	20

WALKER LAKE BASIN

10302025 WALKER RIVER NEAR MOUTH AT WALKER LAKE, NV --Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MERCURY DISSOLVED (UG/L AS HG) (71890)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)
NOV											
07...	37	<0.1	65	<1	<1	<1.0	460	5	-110.0	-13.5	21
07...	39	<0.1	67	<1	<1	<1.0	460	2	-111.0	-13.5	21
APR											
03...	14	<0.1	76	<1	<1	<1.0	470	1	-105.0	-12.2	19
MAY											
02...	33	<0.1	340	3	<1	<1.0	820	2	-98.2	-11.2	49
JUN											
26...	13	<0.1	19	4	<1	<1.0	270	<1	-107.0	-13.9	6.0

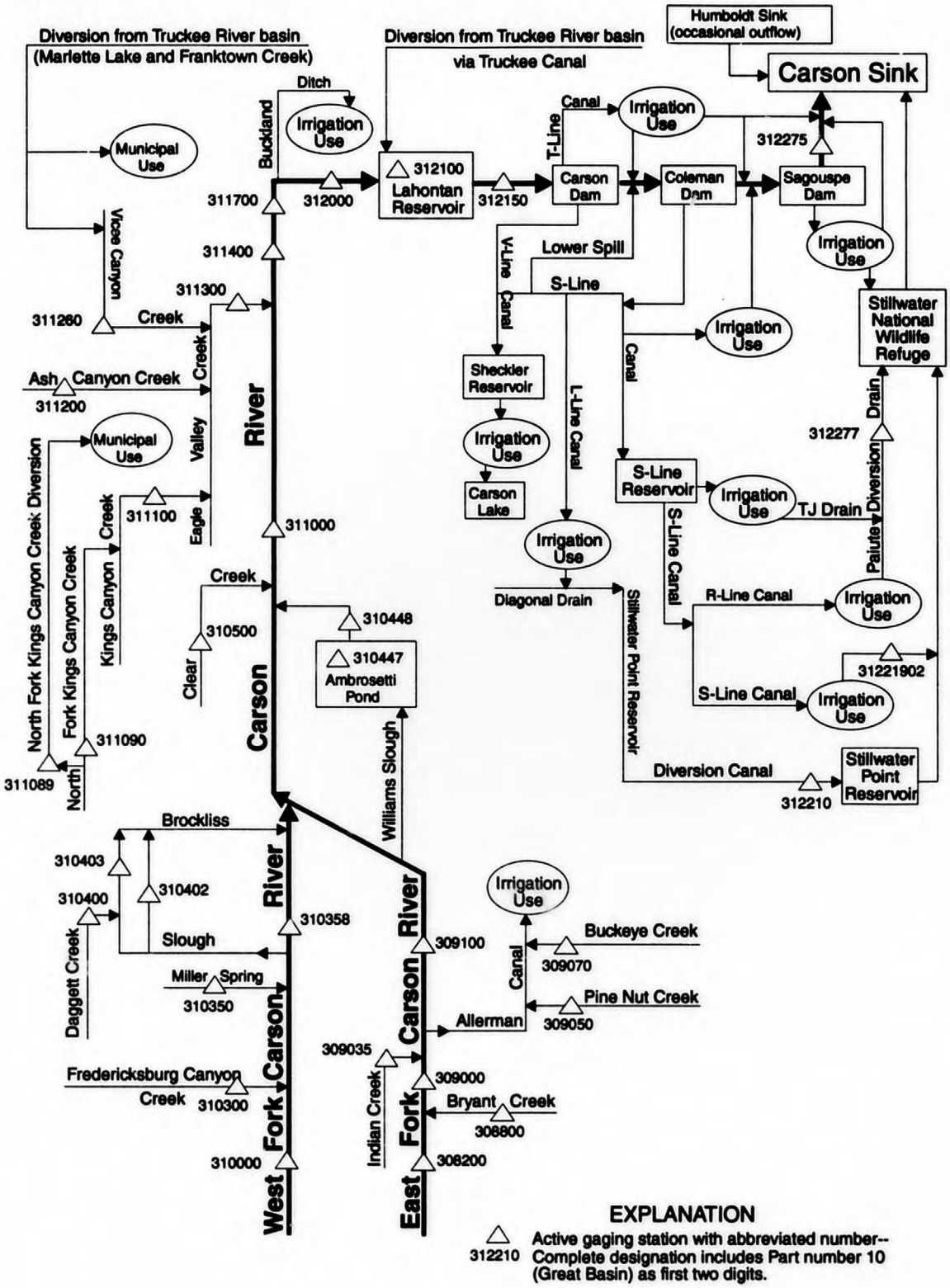


Figure 23. Schematic diagram of flow system and gaging stations in the Carson River Basin

CARSON RIVER BASIN

10308200 EAST FORK CARSON RIVER BELOW MARKLEEVILLE CREEK, NEAR MARKLEEVILLE, CA

LOCATION.--Lat 38°42'50" (revised), long 119°45'50", in SW $^1/_4$ NE $^1/_4$ sec.15, T.10 N., R.20 E., Alpine County, Hydrologic Unit 16050201, on right bank, 0.5 mi downstream from Markleeville Creek, and 1.5 mi northeast of Markleeville.

DRAINAGE AREA.--276 mi^2.

PERIOD OF RECORD.--August 1960 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,400 ft above sea level, from topographic map. Prior to October 1, 1967, at present site at datum 2.00 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are fair. A few small diversions for irrigation above station. Flow slightly regulated by several small reservoirs, total capacity, about 5,000 acre-ft. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	41	e90	e70	e250	267	575	3480	3690	2770	840	206
2	35	45	e100	69	e270	260	570	2350	3820	2550	804	202
3	34	40	e95	77	275	327	564	1630	3330	2510	758	208
4	44	36	e90	81	262	252	621	1450	3690	2430	733	209
5	56	69	e90	100	259	241	676	1330	3730	2400	722	200
6	57	179	e85	92	256	223	737	1150	2540	2680	705	191
7	57	119	80	124	239	220	841	1020	1840	2790	665	181
8	55	84	e64	96	235	216	773	1010	1510	2710	629	192
9	52	72	e67	219	221	1890	641	1110	1460	2730	575	198
10	49	63	e70	602	211	3010	592	1180	1850	2420	544	195
11	47	59	e75	301	204	1590	612	1330	2660	2070	508	191
12	45	e60	80	208	202	996	698	1280	3050	1780	468	187
13	44	e55	79	317	194	813	864	1100	3020	1540	445	182
14	44	53	e70	626	191	843	709	1000	2980	1480	424	177
15	44	e57	e70	366	169	874	640	989	2340	1490	402	171
16	43	60	e70	247	175	788	595	942	1760	1530	395	165
17	44	e120	72	202	169	672	544	983	1610	1520	399	169
18	45	e140	71	185	167	807	517	1110	1820	1440	379	172
19	44	e140	71	163	177	836	490	1440	1930	1410	349	180
20	43	e120	72	159	198	1010	489	1830	1820	1340	340	171
21	43	e90	69	149	229	880	478	2180	1780	1310	359	169
22	42	e80	e68	145	247	689	453	2350	1970	1250	348	168
23	41	e70	e66	e137	255	641	475	2140	2280	1140	339	166
24	40	e70	e65	e137	269	571	566	2030	2720	1080	330	169
25	40	e65	e65	e141	283	526	781	1630	3180	1030	308	168
26	40	e65	e65	e139	278	451	942	1760	3310	972	278	165
27	40	e70	e63	e137	268	478	1080	2080	3170	951	261	162
28	39	e80	e66	e135	269	458	1120	2110	3260	1020	250	160
29	39	e80	e61	e135	---	441	1380	2370	3110	1090	238	160
30	38	e80	62	e135	---	461	1770	2710	2810	1020	226	162
31	38	---	60	e145	---	520	---	3080	---	898	213	---
TOTAL	1360	2362	2271	5839	6422	22251	21793	52194	78040	53351	14234	5396
MEAN	43.9	78.7	73.3	188	229	718	726	1684	2601	1721	459	180
MAX	57	179	100	626	283	3010	1770	3480	3820	2790	840	209
MIN	34	36	60	69	167	216	453	942	1460	898	213	160
AC-FT	2700	4690	4500	11580	12740	44130	43230	103500	154800	105800	28230	10700

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 1995, BY WATER YEAR (WY)

MEAN	80.6	113	135	165	202	279	534	1103	985	398	147	89.5
MAX	346	476	718	545	917	983	1121	2447	2996	1721	477	239
(WY)	1983	1984	1965	1980	1986	1986	1982	1969	1983	1995	1983	1983
MIN	24.0	32.6	41.4	44.2	43.9	58.7	183	197	135	58.0	33.0	18.0
(WY)	1978	1977	1991	1977	1991	1977	1977	1977	1992	1977	1977	1987

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1960 - 1995	
ANNUAL TOTAL	57839		265513			
ANNUAL MEAN	158		727		353	
HIGHEST ANNUAL MEAN					809	1983
LOWEST ANNUAL MEAN					83.7	1977
HIGHEST DAILY MEAN	932	May 12	3820	Jun 2	7360	Feb 1 1963
LOWEST DAILY MEAN	20	Sep 10	34	Oct 3	12	Sep 10 1987
ANNUAL SEVEN-DAY MINIMUM	23	Sep 5	39	Oct 25	12	Sep 7 1987
INSTANTANEOUS PEAK FLOW			5910	Mar 10	15100	Jan 31 1963
INSTANTANEOUS PEAK STAGE			7.27	Mar 10	10.21	Jan 31 1963
ANNUAL RUNOFF (AC-FT)	114700		526600		255700	
10 PERCENT EXCEEDS	469		2220		932	
50 PERCENT EXCEEDS	70		269		142	
90 PERCENT EXCEEDS	38		57		48	

e Estimated

CARSON RIVER BASIN

10308800 BRYANT CREEK NEAR GARDNERVILLE, NV

LOCATION.--Lat 38°47'38", long 119°40'18", in NE $^1/_4$ NW $^1/_4$ sec.30, T.11 N., R.21 E., Douglas County. Hydrologic Unit 16050201, on right bank, 500 ft upstream from Doud Springs, 1.7 mi upstream from mouth, and 11 mi southeast of Gardnerville.

DRAINAGE AREA.--31.5 mi^2.

PERIOD OF RECORD.--May 1961 to September 1969, October 1977 to September 1980, April 1994 to current year; October 1969 to September 1973 (annual maximum).

GAGE.--Water-stage recorder. Datum of gage is 5,445.91 ft above sea level. Prior to July 22, 1963, at same site at datum 0.04 ft higher. Prior to April 1994 at site 50 ft downstream at datum 3.79 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are fair. No diversions above station. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.3	3.2	4.1	4.0	18	6.7	30	119	62	13	5.0	3.7
2	3.3	3.4	4.1	3.6	13	6.5	28	96	75	12	4.9	3.8
3	3.3	3.3	4.1	3.9	9.4	7.2	27	77	75	11	4.8	3.8
4	3.9	3.2	4.2	3.6	8.3	5.8	29	70	66	10	4.8	3.7
5	3.9	3.9	4.3	4.0	7.9	6.0	31	59	59	9.9	4.8	3.7
6	3.6	3.8	4.1	[illegible]	7.5	5.6	33	53	57	9.4	4.7	3.7
7	3.5	4.0	3.5	[illegible]	7.0	5.4	37	46	58	9.1	4.6	3.7
8	3.3	3.8	3.1	[illegible]	6.8	5.5	32	46	49	9.2	4.7	3.7
9	3.2	3.6	3.5	[illegible]	6.3	151	26	45	42	8.5	4.6	3.7
10	3.2	3.7	3.8	12	6.1	513	24	46	38	8.2	4.4	3.7
11	3.2	3.6	4.0	7.7	5.9	233	26	51	35	8.0	4.4	3.7
12	3.3	3.7	4.2	6.8	5.7	64	29	48	32	7.9	4.3	3.7
13	3.4	2.8	4.1	8.1	5.1	52	30	43	30	7.7	4.3	3.7
14	3.4	2.9	3.9	19	4.8	50	25	43	28	7.2	4.2	3.6
15	3.4	3.4	3.9	12	4.7	45	23	50	29	6.9	4.2	3.6
16	3.3	3.5	3.9	7.6	5.1	35	22	86	26	6.7	4.2	3.6
17	3.4	3.6	3.9	6.3	4.9	31	20	85	25	7.0	4.2	3.7
18	3.4	3.3	3.9	6.5	4.8	37	19	81	23	7.4	4.2	3.7
19	3.4	e3.4	3.8	5.6	5.1	32	18	86	21	7.0	4.2	3.7
20	3.4	4.1	3.9	5.7	5.7	48	18	95	21	6.6	4.2	3.6
21	3.4	4.0	3.9	5.4	6.5	37	17	105	19	6.3	4.3	3.7
22	3.3	3.8	3.7	5.3	6.5	30	16	132	18	6.2	4.3	3.7
23	3.2	e3.8	3.7	5.1	6.8	28	17	114	17	6.0	4.2	3.6
24	3.2	3.9	3.9	5.2	7.1	25	23	96	16	5.9	4.1	3.6
25	3.2	3.9	3.9	5.1	7.4	23	30	81	15	5.8	4.1	3.6
26	3.1	3.5	3.8	5.0	7.2	21	34	72	19	5.6	4.0	3.6
27	3.1	3.8	3.9	5.0	6.8	21	41	69	17	5.4	4.0	3.7
28	3.1	3.9	3.9	4.9	6.6	20	44	59	15	5.2	4.0	3.7
29	3.2	4.0	3.9	4.9	---	19	56	54	17	5.1	4.0	3.7
30	3.2	4.1	3.3	5.1	---	21	72	51	14	5.1	3.8	3.8
31	3.2	---	3.3	13	---	28	---	47	---	5.1	3.8	---
TOTAL	103.3	108.9	119.5	199.0	197.0	1612.7	877	2205	1018	234.4	134.3	110.5
MEAN	3.33	3.63	3.85	6.42	7.04	52.0	29.2	71.1	33.9	7.56	4.33	3.68
MAX	3.9	4.1	4.3	19	18	513	72	132	75	13	5.0	3.8
MIN	3.1	2.8	3.1	3.6	4.7	5.4	16	43	14	5.1	3.8	3.6
AC-FT	205	216	237	395	391	3200	1740	4370	2020	465	266	219

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 1995, BY WATER YEAR (WY)

MEAN	2.97	3.26	3.54	6.74	6.60	13.9	20.7	24.8	10.5	4.06	3.09	3.14
MAX	4.38	4.34	5.51	15.4	13.0	52.0	71.8	71.5	33.9	9.16	5.59	5.05
(WY)	1968	1964	1967	1969	1963	1995	1969	1969	1995	1969	1969	1969
MIN	2.32	2.15	2.25	2.23	3.06	4.32	6.76	3.51	2.51	1.83	1.73	1.84
(WY)	1962	1962	1962	1962	1964	1964	1964	1994	1994	1961	1994	1961

SUMMARY STATISTICS	FOR 1995 WATER YEAR		WATER YEARS 1961 - 1995	
ANNUAL TOTAL	6919.6			
ANNUAL MEAN	19.0		8.94	
HIGHEST ANNUAL MEAN			20.0	1969
LOWEST ANNUAL MEAN			3.67	1964
HIGHEST DAILY MEAN	513	Mar 10	513	Mar 10 1995
LOWEST DAILY MEAN	2.8	Nov 13	1.4	Dec 25 1962
ANNUAL SEVEN-DAY MINIMUM	3.2	Oct 23	1.6	Sep 7 1961
INSTANTANEOUS PEAK FLOW	1060	Mar 10	1060	Mar 10 1995
INSTANTANEOUS PEAK STAGE	8.24	Mar 10	8.24	Mar 10 1995
ANNUAL RUNOFF (AC-FT)	13730		6470	
10 PERCENT EXCEEDS	50		17	
50 PERCENT EXCEEDS	5.4		3.8	
90 PERCENT EXCEEDS	3.4		2.4	

e Estimated

CARSON RIVER BASIN

10309000 EAST FORK CARSON RIVER NEAR GARDNERVILLE, NV

LOCATION.--Lat 38°50'50", long 119°42'10", in SW $^1/_4$ NE $^1/_4$ sec.2, T.11 N., R.20 E., Douglas County, Hydrologic Unit 16050201, on left bank, 0.1 mi downstream from Horseshoe Bend, 2 mi east of Mud Lake Reservoir, 4.5 mi downstream from Bryant Creek, and 7 mi southeast of Gardnerville.

DRAINAGE AREA.--356 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1890 to December 1893, October 1900 to December 1906 (gage heights only August to December 1904 and July 1905 to December 1906), January 1908 to December 1910, June to October 1917, December 1924 to September 1928, June to September 1929, October 1935 to December 1937, and May 1939 to current year.

REVISED RECORDS.--WSP 1214: 1938 (M), 1942-43 (M), 1945 (M). WSP 1514: 1909-10. WDR NV-79-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 4,985.11 ft above sea level (levels by Bureau of Reclamation). Prior to May 19, 1939, nonrecording gages at several sites within 2 mi of present site at various datums.

REMARKS.--Records good except for estimated daily discharges, which are poor. Station is above all diversions in Carson Valley. Diversions for irrigation above station. Flow slightly regulated by several small reservoirs, total capacity, about 5,000 acre-ft. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	46	55	100	78	374	255	599	2860	3140	2610	919	220
2	45	60	103	79	388	250	593	2410	3300	2450	883	214
3	44	e55	102	77	e330	301	571	1740	2920	2400	828	219
4	49	e48	116	79	e290	266	623	1600	3070	2380	796	222
5	63	e95	109	82	e281	248	676	1450	3260	2320	787	218
6	65	e190	103	92	e280	228	731	1300	2470	2500	774	205
7	66	e140	95	148	e270	219	816	1150	1930	2600	718	193
8	65	e105	83	120	e253	213	862	1110	1580	2590	689	195
9	64	e80	82	156	e240	1600	732	1220	1490	2590	617	209
10	62	e74	102	729	e230	3510	667	1260	1790	2410	581	209
11	59	e69	111	501	e220	1960	673	1410	2410	2120	546	202
12	58	e75	96	309	e213	1090	757	1380	2710	1860	500	198
13	57	e68	90	327	e210	866	911	1230	2700	1600	477	193
14	55	e60	80	765	e207	865	791	1150	2740	1540	454	190
15	55	72	83	542	e198	873	722	1130	2300	1540	435	183
16	55	79	85	359	e202	802	672	1100	1800	1580	418	178
17	54	e138	87	279	e200	692	615	1110	1630	1580	420	177
18	55	e145	88	244	e197	760	581	1190	1760	1510	411	179
19	54	e144	84	216	e204	837	547	1450	1960	1470	381	187
20	53	e125	84	205	e230	985	534	1780	1880	1410	361	184
21	53	101	85	195	e253	909	518	2080	1810	1380	375	179
22	54	91	82	189	e270	747	485	2320	1970	1340	376	179
23	52	88	82	185	e275	666	492	2120	2220	1220	358	179
24	52	89	89	186	e275	606	574	2090	2540	1150	350	182
25	54	79	89	182	275	559	802	1710	2870	1110	328	184
26	57	80	87	173	281	517	941	1750	2960	1060	297	184
27	56	99	86	171	268	499	1040	2090	2810	1020	277	181
28	55	92	84	167	259	478	1100	2080	2890	1070	264	177
29	56	91	85	165	---	442	1310	2310	2830	1140	249	180
30	56	92	82	183	---	450	1870	2500	2600	1120	235	179
31	54	---	68	e230	---	518	---	2740	---	985	227	---
TOTAL	1723	2779	2802	7413	7173	23211	22805	52820	72340	53655	15331	5779
MEAN	55.6	92.6	90.4	239	256	749	760	1704	2411	1731	495	193
MAX	66	190	116	765	388	3510	1870	2860	3300	2610	919	222
MIN	44	48	68	77	197	213	485	1100	1490	985	227	177
AC-FT	3420	5510	5560	14700	14230	46040	45230	104800	143500	106400	30410	11460

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1390 - 1995, BY WATER YEAR (WY)

MEAN	101	143	180	177	224	301	606	1192	1021	418	155	106
MAX	416	1110	1127	594	947	1038	1140	2541	3056	1794	597	416
(WY)	1893	1951	1951	1970	1986	1986	1969	1890	1983	1890	1890	1893
MIN	31.2	37.9	34.0	31.9	31.1	67.8	185	205	138	62.9	29.5	19.4
(WY)	1989	1991	1901	1904	1903	1977	1977	1977	1992	1977	1977	1977

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1890 - 1995	
ANNUAL TOTAL	60846		267831			
ANNUAL MEAN	167		734		380	
HIGHEST ANNUAL MEAN					905	1893
LOWEST ANNUAL MEAN					91.6	1977
HIGHEST DAILY MEAN	963	May 12	3510	Mar 10	12200	Dec 23 1955
LOWEST DAILY MEAN	23	Sep 10	44	Oct 3	11	Sep 4 1977
ANNUAL SEVEN-DAY MINIMUM	27	Sep 5	53	Oct 19	12	Sep 2 1977
INSTANTANEOUS PEAK FLOW			5930	Mar 10	16700	Dec 23 1955
INSTANTANEOUS PEAK STAGE			6.75	Mar 10	11.88	Dec 23 1955
ANNUAL RUNOFF (AC-FT)	120700		531200		275100	
10 PERCENT EXCEEDS	469		2160		1060	
50 PERCENT EXCEEDS	84		290		163	
90 PERCENT EXCEEDS	44		67		57	

e Estimated

CARSON RIVER BASIN

10309000 EAST FORK CARSON RIVER NEAR GARDNERVILLE, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1955-72, 1977-84, 1990 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: November 1993 to current year.
WATER TEMPERATURE: July 1955 to June 1966, November 1966 to September 1972, and November 1993 to current year.

INSTRUMENTATION.--Specific conductance monitor since November 1993, hourly. Water temperature recorder July 1955 to June 1966 and November 1966 to September 1972 provided continuous recordings. Water temperature monitor since November 1993, hourly.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. In April 1990, station was incorporated into the Douglas County Network. Records represent water temperature at probe within 0.5°C.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 375 microsiemens, September 28, 29, 1994; minimum daily, 35 microsiemens, June 25, 1995.
WATER TEMPERATURE: Maximum daily, 29.5°C, August 7, 1960; minimum daily, freezing point on many days during winter months of most years.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 369 microsiemens, October 3; minimum daily, 35 microsiemens, June 25.
WATER TEMPERATURE: Maximum, 20.5°C, August 23, September 3; minimum, freezing point on many days during winter months.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)
NOV									
15...	0930	78	276	7.1	7.0	1.0	91	26	6.4

DATE	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
NOV									
15...	22	1	2.2	52	8.7	0.20	<0.010	26	193

DATE	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)
NOV								
15...	189	0.26	0.005	0.005	<0.002	0.014	92	17

CARSON RIVER BASIN

10309000 EAST FORK CARSON RIVER NEAR GARDNERVILLE, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	351	339	343	327	319	322	265	259	262	321	257	281
2	360	349	352	322	303	313	---	---	---	279	254	262
3	369	354	358	310	307	309	---	---	---	277	254	270
4	360	343	351	340	309	321	---	---	---	267	251	260
5	343	313	323	344	300	331	---	---	---	275	253	265
6	316	304	309	300	253	273	---	---	---	268	254	263
7	307	301	304	253	244	247	---	---	---	260	227	244
8	305	296	301	269	247	257	---	---	---	264	240	249
9	306	299	302	282	269	277	---	---	---	266	188	231
10	308	301	304	284	276	279	---	---	---	192	172	182
11	314	305	310	297	284	290	286	259	277	216	182	197
12	316	310	313	301	291	296	259	251	255	239	216	230
13	318	309	313	292	279	285	256	251	254	233	188	222
14	322	312	316	308	284	291	286	253	270	188	157	166
15	318	313	316	308	295	301	275	251	266	200	162	183
16	319	312	316	295	282	287	269	257	263	216	200	208
17	330	316	321	286	279	284	259	252	255	225	214	218
18	328	319	323	300	279	286	260	254	257	230	221	225
19	327	318	323	322	300	311	267	255	260	234	223	227
20	328	320	324	319	295	308	265	258	262	233	222	228
21	329	321	324	295	279	289	266	259	263	231	223	227
22	332	323	328	280	270	276	283	264	271	231	224	227
23	330	321	326	282	270	277	286	258	274	227	222	224
24	333	326	329	274	268	271	269	257	263	227	223	225
25	333	321	328	268	257	261	263	258	260	231	225	227
26	329	314	321	274	258	264	267	260	263	230	227	228
27	320	314	316	295	274	287	283	264	267	230	224	227
28	322	316	319	284	273	279	268	261	264	230	227	228
29	322	317	319	277	267	274	263	258	261	232	228	230
30	324	318	320	268	261	265	268	259	263	232	224	227
31	330	319	323	---	---	---	324	268	289	224	184	207
MONTH	369	296	322	344	244	287	---	---	---	321	157	229

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	190	180	184	173	167	170	---	---	---	---	---	---
2	189	179	182	177	172	174	---	---	---	---	---	---
3	196	188	191	181	170	175	---	---	---	---	---	---
4	196	194	195	195	174	185	---	---	---	100	94	97
5	196	193	194	194	185	188	---	---	---	99	94	95
6	195	190	192	200	191	194	---	---	---	101	95	97
7	195	191	192	204	193	198	---	---	---	106	100	104
8	194	191	192	204	198	200	---	---	---	102	98	100
9	195	192	193	202	96	160	---	---	---	98	95	96
10	197	194	195	121	92	111	---	---	---	96	93	94
11	198	195	197	119	96	112	---	---	---	96	92	94
12	198	194	196	133	116	127	---	---	---	93	84	86
13	199	194	196	141	133	137	---	---	---	86	84	85
14	198	187	192	---	---	---	---	---	---	93	85	89
15	205	191	197	---	---	---	---	---	---	97	92	94
16	204	190	196	---	---	---	---	---	---	101	97	99
17	198	191	194	---	---	---	---	---	---	101	99	100
18	199	194	196	---	---	---	---	---	---	100	90	94
19	198	194	196	---	---	---	---	---	---	91	77	81
20	196	188	193	---	---	---	---	---	---	77	68	71
21	189	179	184	---	---	---	---	---	---	69	61	65
22	179	171	175	---	---	---	---	---	---	67	59	63
23	173	166	168	---	---	---	---	---	---	67	62	65
24	168	159	163	---	---	---	---	---	---	66	60	64
25	164	146	159	---	---	---	---	---	---	72	66	69
26	161	156	158	---	---	---	---	---	---	70	65	68
27	164	159	161	---	---	---	---	---	---	65	58	61
28	168	163	165	---	---	---	---	---	---	64	59	61
29	---	---	---	---	---	---	---	---	---	64	56	59
30	---	---	---	---	---	---	---	---	---	62	54	58
31	---	---	---	---	---	---	---	---	---	58	52	55
MONTH	205	146	186	---	---	---	---	---	---	---	---	---

CARSON RIVER BASIN

10309000 EAST FORK CARSON RIVER NEAR GARDNERVILLE, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	56	49	52	45	40	43	73	66	69	127	122	124
2	54	50	52	48	40	44	73	69	70	129	125	127
3	55	49	52	47	41	44	76	70	72	---	---	---
4	54	47	51	48	40	44	77	71	74	128	125	126
5	50	42	47	46	41	44	80	76	77	---	---	---
6	47	42	44	46	40	43	79	71	75	131	125	127
7	50	47	48	46	40	43	73	69	71	---	---	---
8	57	50	54	47	40	44	76	69	72	---	---	---
9	61	57	58	47	43	45	---	---	---	---	---	---
10	59	48	53	49	41	45	---	---	---	---	---	---
11	48	39	42	51	44	47	---	---	---	---	---	---
12	49	36	44	51	48	49	88	81	84	---	---	---
13	48	40	44	54	49	51	91	87	89	---	---	---
14	46	42	44	56	51	54	94	87	90	---	---	---
15	51	44	49	56	52	54	103	92	97	---	---	---
16	50	45	47	56	51	54	121	104	113	---	---	---
17	49	47	48	54	49	51	131	120	126	---	---	---
18	51	43	48	56	51	54	140	129	134	---	---	---
19	48	41	44	57	52	54	137	132	135	---	---	---
20	47	41	44	57	53	55	137	133	135	---	---	---
21	48	43	45	61	55	57	---	---	---	---	---	---
22	45	41	43	62	56	59	141	136	138	---	---	---
23	43	38	40	65	59	61	142	137	139	---	---	---
24	41	36	39	67	62	64	143	136	140	---	---	---
25	43	35	40	69	63	66	140	136	139	---	---	---
26	44	38	41	71	64	67	148	138	143	---	---	---
27	44	38	41	71	62	66	152	146	149	---	---	---
28	44	36	40	68	60	63	---	---	---	---	---	---
29	44	39	42	65	59	62	---	---	---	150	144	147
30	46	39	43	68	57	61	---	---	---	159	144	145
31	---	---	---	70	61	65	---	---	---	---	---	---
MONTH	61	35	46	71	40	53	---	---	---	---	---	---

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19.0	10.5	14.5	11.5	6.5	9.0	5.5	.0	2.5	2.0	.0	1.0
2	20.0	10.5	15.0	8.0	4.5	6.0	6.0	2.0	3.5	2.0	.0	1.0
3	16.5	10.5	13.0	7.5	2.0	4.5	6.0	2.5	4.0	2.5	.0	1.0
4	11.5	8.0	9.5	5.5	1.0	3.0	5.5	2.0	4.0	.0	.0	.0
5	14.5	7.0	10.5	8.5	4.5	6.5	5.5	2.0	4.0	.0	.0	.0
6	15.5	7.5	11.0	9.0	6.5	8.0	6.0	1.5	3.5	1.5	.0	.5
7	16.0	7.5	11.5	8.0	5.5	6.5	3.5	.0	1.5	4.0	1.0	2.0
8	16.5	7.5	12.0	9.0	5.0	6.5	1.5	.0	.5	4.5	.5	2.5
9	16.5	8.5	12.5	7.5	4.0	5.5	.5	.0	.0	5.0	2.5	3.5
10	16.0	9.0	12.5	5.5	2.5	3.5	.5	.0	.0	3.5	1.5	3.0
11	16.5	9.0	12.5	6.0	1.5	4.0	1.0	.0	.5	3.0	.0	1.5
12	15.5	10.0	12.0	7.0	3.0	4.5	3.0	.0	1.5	4.5	1.5	3.0
13	11.0	6.5	8.5	5.5	.0	2.5	2.0	.0	1.0	5.5	4.0	4.5
14	10.5	6.0	8.0	4.5	.0	2.0	.5	.0	.5	4.0	2.0	3.5
15	8.5	6.0	7.0	4.0	.0	2.0	2.5	.0	1.0	3.5	.5	2.0
16	11.0	3.0	7.0	2.5	.0	1.0	5.5	.0	2.5	2.5	.0	1.0
17	12.0	4.0	8.0	3.5	.0	1.0	4.0	.5	2.5	2.0	.0	.5
18	13.5	5.5	9.5	1.0	.0	.0	5.0	1.5	2.5	4.0	.0	1.5
19	14.0	6.5	10.0	.5	.0	.0	4.0	.0	2.0	3.0	.0	1.5
20	14.0	6.5	10.5	.5	.0	.0	4.5	.0	2.0	2.5	.0	1.0
21	14.0	6.0	10.0	.5	.0	.0	4.5	.5	2.5	3.5	.0	2.0
22	14.5	6.5	10.0	2.0	.0	.5	3.0	.0	1.0	3.0	1.0	2.0
23	13.5	6.5	10.0	.5	.0	.5	2.5	.0	1.0	3.5	2.0	2.5
24	14.5	8.0	11.0	3.0	.0	1.0	3.5	.0	1.5	4.0	2.0	3.0
25	14.0	6.5	10.5	1.5	.0	.5	3.0	1.0	2.5	5.0	2.5	3.5
26	13.5	7.5	10.5	2.0	.0	.5	5.5	1.0	3.0	3.5	2.0	3.0
27	14.0	8.0	10.5	.5	.0	.0	4.0	1.5	3.0	3.5	2.0	2.5
28	14.0	6.5	10.0	1.0	.0	.5	4.0	2.0	3.0	5.0	2.5	3.5
29	12.5	5.5	9.0	2.0	.0	.5	3.5	2.0	3.0	7.0	3.0	4.5
30	11.0	4.0	7.5	3.5	.0	1.5	4.0	.0	1.5	7.5	4.0	5.5
31	12.5	4.5	8.0	---	---	---	1.0	.0	.5	9.5	5.5	7.0
MONTH	20.0	3.0	10.4	11.5	.0	2.7	6.0	.0	2.0	9.5	.0	2.4

CARSON RIVER BASIN

10309000 EAST FORK CARSON RIVER NEAR GARDNERVILLE, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	7.5	3.5	5.5	8.5	5.5	6.5	10.0	5.0	7.5	7.5	5.0	6.0
2	5.5	2.0	4.0	8.0	5.0	6.5	10.5	5.0	7.5	8.5	4.0	6.0
3	5.5	1.5	3.5	7.0	3.0	5.5	10.5	4.0	7.5	9.0	5.0	7.0
4	6.0	1.5	4.0	6.0	.5	3.5	10.0	5.0	8.0	8.0	6.0	7.0
5	6.5	1.5	4.0	8.0	3.0	5.0	10.5	5.0	8.0	9.0	5.0	7.0
6	4.5	2.0	3.5	8.5	2.5	5.5	10.0	5.5	7.5	7.0	4.0	5.5
7	7.0	2.5	4.5	7.5	2.0	5.0	9.5	5.5	7.5	9.5	4.5	7.0
8	4.5	2.5	3.5	7.5	3.5	6.0	8.0	4.0	6.0	11.0	5.0	8.0
9	7.5	3.5	5.0	7.5	3.5	5.5	7.5	2.5	5.0	9.0	5.0	7.0
10	6.5	2.0	4.0	4.0	2.0	3.5	9.0	2.5	6.0	10.5	5.5	8.0
11	6.5	1.0	3.5	6.0	2.0	4.0	10.0	5.5	8.0	10.0	5.5	7.5
12	6.0	1.0	3.5	7.0	3.0	5.0	10.5	6.0	8.0	8.0	4.5	6.0
13	4.5	.0	2.5	7.5	4.0	6.0	8.5	3.0	5.5	6.0	3.0	4.5
14	4.5	.0	2.0	8.5	4.5	6.5	6.5	1.5	4.0	6.5	2.0	4.5
15	4.5	.0	1.5	9.0	4.5	7.0	7.0	3.5	5.0	9.5	4.0	6.5
16	4.5	.0	1.5	8.0	4.0	6.5	5.0	3.0	3.5	11.0	4.5	8.0
17	6.0	.5	3.5	8.0	3.5	6.0	6.0	2.5	4.5	11.0	6.0	9.0
18	8.0	2.0	5.0	7.0	5.0	6.0	7.0	4.0	5.5	12.5	6.0	9.5
19	9.0	2.5	5.5	7.5	3.0	5.5	10.0	3.5	6.5	12.0	6.5	9.5
20	9.0	2.5	5.5	7.0	1.5	5.0	7.5	5.0	6.5	10.5	6.5	8.5
21	9.0	3.5	6.0	5.0	1.0	2.5	8.5	3.0	5.5	10.5	6.0	8.0
22	8.5	3.0	6.0	3.0	.5	1.5	11.0	3.5	7.0	8.0	5.5	6.5
23	8.5	3.0	5.5	4.5	.0	2.0	12.0	5.5	9.0	10.0	5.5	7.5
24	9.0	3.0	6.0	6.0	.0	3.0	12.5	6.5	9.5	7.5	5.0	6.5
25	8.5	4.0	6.5	6.0	.5	3.5	11.5	6.5	9.5	9.5	5.0	7.0
26	8.0	3.5	5.5	6.5	1.0	4.0	10.0	4.5	8.0	10.5	5.5	8.0
27	7.5	3.5	5.5	7.5	2.0	5.0	8.5	5.0	7.0	9.5	6.0	7.5
28	7.0	4.5	6.0	6.0	2.0	4.0	9.5	5.0	7.0	10.5	5.5	7.5
29	---	---	---	8.0	2.0	5.0	8.5	5.0	7.0	11.0	5.0	8.0
30	---	---	---	8.5	2.5	5.5	8.5	5.0	7.0	10.5	5.5	8.0
31	---	---	---	9.0	3.5	6.5	---	---	---	11.5	6.0	8.0
MONTH	9.0	.0	4.4	9.0	.0	4.9	12.5	1.5	6.8	12.5	2.0	7.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.0	6.0	7.5	11.0	7.5	9.5	16.5	11.5	14.5	19.5	12.0	16.0
2	10.0	4.5	7.0	12.0	7.5	9.5	15.5	12.0	14.0	20.0	13.5	16.5
3	11.0	5.5	8.0	12.5	7.5	10.0	17.0	12.0	14.5	20.5	14.5	17.5
4	11.5	6.0	8.0	12.5	7.5	10.0	17.5	12.5	15.0	20.0	14.5	17.0
5	9.5	5.5	7.5	13.5	8.5	11.0	18.0	13.0	16.0	19.5	12.5	16.0
6	7.0	4.0	5.5	13.0	8.5	11.0	17.5	13.5	15.5	19.0	12.5	15.5
7	6.5	3.0	5.0	13.0	8.0	10.5	17.5	13.0	15.0	19.0	12.5	15.5
8	8.5	4.5	6.5	12.0	8.5	10.0	16.5	11.5	14.0	19.0	12.0	15.5
9	11.5	5.5	8.5	13.0	8.5	10.5	17.5	12.0	14.5	19.0	13.0	16.0
10	12.5	6.5	9.5	13.0	8.5	10.5	17.5	13.0	15.0	19.0	13.5	16.0
11	12.0	6.0	9.0	12.5	8.0	10.5	17.0	12.0	14.5	19.0	13.0	16.0
12	11.5	5.0	8.0	12.0	8.5	10.5	17.5	12.5	15.0	19.5	13.5	16.5
13	11.5	5.5	8.0	13.0	8.0	10.5	17.5	12.5	15.0	19.0	13.0	16.0
14	10.0	6.0	7.5	14.0	9.0	11.5	18.5	13.0	16.0	19.0	13.0	16.0
15	7.0	5.5	6.0	14.5	10.0	12.0	19.0	14.0	16.5	19.0	13.0	16.0
16	9.0	4.5	6.5	14.5	10.0	12.5	18.5	14.5	16.0	18.5	13.5	16.0
17	9.0	5.5	7.5	13.5	10.0	11.0	18.0	13.0	15.5	18.5	12.5	15.5
18	11.0	6.5	9.0	13.5	9.5	11.5	17.0	11.5	14.5	18.5	12.0	15.0
19	10.5	5.5	8.0	14.5	10.0	12.0	18.0	11.5	14.5	18.5	12.5	15.5
20	10.0	5.0	8.0	14.5	10.0	12.5	18.0	13.5	15.5	19.0	13.0	16.0
21	11.5	5.0	8.0	14.5	10.0	12.5	20.0	14.5	17.0	18.0	13.0	15.5
22	12.0	6.5	9.0	14.5	9.5	12.0	19.0	14.5	17.0	17.0	12.0	14.5
23	12.5	6.0	9.0	14.0	9.0	12.0	20.5	15.5	17.5	18.5	12.5	15.5
24	13.0	7.0	9.5	15.0	10.0	12.5	20.0	15.5	17.5	17.0	12.5	14.5
25	11.5	7.0	9.0	14.5	10.0	13.0	19.0	14.0	16.5	16.5	12.5	14.5
26	11.0	6.5	8.5	15.5	10.0	13.0	18.5	13.0	15.5	16.5	11.0	13.5
27	12.5	6.5	9.0	16.5	10.5	14.0	18.0	12.0	15.0	16.0	10.5	13.0
28	12.0	6.5	9.0	16.5	12.0	14.5	18.0	11.5	15.0	15.5	10.5	13.0
29	11.0	7.5	9.0	16.5	12.0	14.5	18.0	11.5	15.0	15.0	9.0	12.0
30	12.0	7.0	9.5	15.0	10.5	13.0	19.0	11.5	15.5	14.5	8.0	11.0
31	---	---	---	16.0	11.0	13.5	19.0	12.0	15.5	---	---	---
MONTH	13.0	3.0	8.0	16.5	7.5	11.7	20.5	11.5	15.4	20.5	8.0	15.2
YEAR	20.5	.0	7.6									

CARSON RIVER BASIN

10309010 EAST FORK CARSON RIVER NEAR DRESSLERVILLE, NV

LOCATION.--Lat 38°52'42", long 119°41'18", in NE $^1/_4$ NW $^1/_4$ sec.25, T.12 N., R.20 E., Douglas County, Hydrologic Unit 16050201, 0.2 mi upstream from Ruhenstroth Dam and about 1.8 mi southeast of Dresslerville.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1993 to current year.

REMARKS.--In April 1993, station incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Carson River Basin. If site is unwadeable, collections are made from Dresslerville Indian Reservation bridge, 0.3 mi downstream from dam.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)
OCT											
25...	1045	53	308	8.0	16.5	8.0	640	10.3	104	99	24
NOV											
28...	1015	85	278	7.8	-2.0	0.5	645	12.8	105	92	24
DEC											
27...	1000	85	237	7.8	7.0	2.0	640	11.8	102	77	--
JAN											
25...	0940	180	222	7.9	5.5	3.0	635	12.4	111	71	6
FEB											
21...	1015	E230	179	7.6	11.0	5.0	645	11.0	102	60	1
MAR											
20...	1230	935	136	8.2	4.5	6.0	630	11.2	109	50	1

DATE	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
OCT											
25...	28	7.1	26	1	3.1	92	75	63	10	0.20	26
NOV											
28...	26	6.6	21	1	2.4	83	68	51	8.3	0.20	25
DEC											
27...	22	5.4	19	0.9	2.1	--	--	41	7.7	0.10	24
JAN											
25...	20	5.2	16	0.8	1.8	80	66	33	6.4	0.10	22
FEB											
21...	17	4.3	12	0.7	1.7	72	59	22	4.1	0.10	21
MAR											
20...	14	3.7	7.4	0.5	1.3	60	50	14	2.3	<0.10	19

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)
OCT											
25...	211	209	30.2	0.29	--	--	--	--	--	--	--
NOV											
28...	188	181	43.1	0.26	<0.010	<0.050	<0.015	<0.20	<0.20	0.010	0.010
DEC											
27...	168	163	38.6	0.23	<0.010	<0.050	<0.015	<0.20	<0.20	<0.010	<0.010
JAN											
25...	150	144	72.9	0.20	<0.010	<0.050	<0.015	<0.20	<0.20	<0.010	0.010
FEB											
21...	125	118	--	0.17	<0.010	<0.050	<0.015	<0.20	<0.20	0.020	<0.010
MAR											
20...	102	91	257	0.14	<0.010	<0.050	<0.015	<0.20	<0.20	0.040	0.010

CARSON RIVER BASIN

10309010 EAST FORK CARSON RIVER NEAR DRESSLERVILLE, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C) (00689)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT										
25...	--	100	12	-110.0	-14.5	1.1	0.40	8	1.1	81
NOV										
28...	0.010	82	20	-109.0	-14.8	1.2	0.60	21	4.8	61
DEC										
27...	0.020	67	12	-111.0	-14.8	1.2	0.50	5	1.1	82
JAN										
25...	<0.010	81	16	-110.0	-14.8	1.9	0.20	7	3.4	67
FEB										
21...	0.020	97	17	--	--	2.1	0.70	12	E7.5	75
MAR										
20...	0.020	100	23	-107.0	-14.4	3.8	0.80	44	111	59

E: Estimated

CARSON RIVER BASIN

10309035 INDIAN CREEK ABOVE MOUTH NEAR GARDNERVILLE, NV

LOCATION.--Lat 38°52'45", long 119°42'04", in NW $^1/_4$ NE $^1/_4$ sec.26, T.12 N., R.20 E., Douglas County, Hydrologic Unit 16050201, on left bank, 0.75 mi above confluence with East Fork Carson River, and 5.0 mi south of Gardnerville.

DRAINAGE AREA.--25.4 mi^2.

PERIOD OF RECORD.--April 1994 to current year.

GAGE.--Water-stage recorder. Datum of gage is 4,910 ft above sea level, from topographic map.

REMARKS.-- No estimated daily discharge. Records good. Flow regulated by Indian Creek Reservoir and numerous diversions for irrigation on pasture land in Diamond and Carson Valleys. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.13	.32	.69	.59	11	4.4	50	14	4.3	21	12	2.9
2	.13	.36	.75	.59	9.2	4.1	42	26	5.6	20	12	2.7
3	.15	.36	.81	.57	7.6	13	34	19	3.2	15	13	2.5
4	.23	.37	.68	.58	7.4	9.6	30	16	3.2	15	11	2.4
5	.20	.40	.65	.77	6.8	5.6	27	13	2.9	14	13	2.3
6	.16	.46	.60	.71	7.2	4.8	26	5.4	2.6	12	13	2.7
7	.16	.57	.65	1.8	7.5	4.6	27	4.6	3.0	16	14	3.3
8	.18	.52	.66	1.4	6.7	4.3	27	3.8	4.3	21	13	3.9
9	.22	.46	.72	1.3	5.5	117	25	3.5	6.9	26	9.1	6.4
10	.23	.57	.74	85	4.3	688	22	3.3	11	25	9.5	9.1
11	.21	.56	.77	20	4.2	397	19	2.6	11	18	11	10
12	.20	.54	.68	2.6	3.4	150	16	2.4	12	13	9.3	8.2
13	.22	.52	.64	3.1	3.3	72	21	4.2	13	12	8.9	5.3
14	.23	.50	.66	17	3.6	43	23	16	16	13	10	4.1
15	.24	.52	.64	8.2	3.3	26	17	26	19	13	12	3.3
16	.23	.54	.66	2.7	3.4	20	19	18	16	9.2	9.9	2.8
17	.23	.55	.64	1.7	3.3	18	20	9.4	8.9	9.4	12	2.6
18	.23	.58	.61	1.5	3.7	24	15	8.3	8.2	14	13	2.7
19	.23	.70	.60	1.3	3.8	28	15	5.9	5.2	14	15	2.8
20	.23	.66	.60	1.3	4.1	52	13	4.9	6.6	9.4	10	3.0
21	.23	.56	.60	1.2	4.2	60	15	4.3	6.9	9.7	9.3	3.0
22	.25	.56	.58	1.2	4.1	40	15	7.0	7.4	8.0	7.7	3.6
23	.25	.60	.62	1.3	4.0	39	11	11	6.9	9.9	5.7	6.0
24	.25	.62	.60	1.4	4.0	54	10	9.3	7.8	11	6.9	9.2
25	.25	.68	.61	1.5	3.9	62	9.1	8.8	9.8	10	8.5	14
26	.25	.65	.60	1.2	3.7	58	8.1	5.5	13	11	8.5	10
27	.25	.69	.60	1.4	3.7	55	8.0	4.3	22	10	8.8	6.5
28	.25	.62	.59	3.9	3.8	52	9.0	3.5	21	11	12	5.1
29	.30	.60	.59	5.0	---	51	7.9	3.0	20	13	8.9	4.3
30	.32	.58	.58	7.6	---	54	10	2.8	21	12	4.6	4.3
31	.33	---	.62	9.3	---	53	---	2.1	---	12	3.2	---
TOTAL	6.97	16.22	20.04	187.71	140.7	2263.4	591.1	267.9	298.7	427.6	314.8	149.0
MEAN	.22	.54	.65	6.06	5.02	73.0	19.7	8.64	9.96	13.8	10.2	4.97
MAX	.33	.70	.81	85	11	688	50	26	22	26	15	14
MIN	.13	.32	.58	.57	3.3	4.1	7.9	2.1	2.6	8.0	3.2	2.3
AC-FT	14	32	40	372	279	4490	1170	531	592	848	624	296

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1995, BY WATER YEAR (WY)

MEAN	.22	.54	.65	6.06	5.02	73.0	19.7	9.25	6.03	7.10	5.14	2.53
MAX	.22	.54	.65	6.06	5.02	73.0	19.7	9.85	9.96	13.8	10.2	4.97
(WY)	1995	1995	1995	1995	1995	1995	1995	1994	1995	1995	1995	1995
MIN	.22	.54	.65	6.06	5.02	73.0	19.7	8.64	2.09	.40	.12	.092
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1994	1994	1994	1994

SUMMARY STATISTICS	FOR 1995 WATER YEAR		WATER YEARS 1994 - 1995	
ANNUAL TOTAL	4684.14			
ANNUAL MEAN	12.8		12.8	
HIGHEST ANNUAL MEAN			12.8	1995
LOWEST ANNUAL MEAN			12.8	1995
HIGHEST DAILY MEAN	688	Mar 10	688	Mar 10 1995
LOWEST DAILY MEAN	.13	Oct 1	.01	Aug 15 1994
ANNUAL SEVEN-DAY MINIMUM	.17	Oct 1	.03	Aug 14 1994
INSTANTANEOUS PEAK FLOW	1800	Mar 10	1800	Mar 10 1995
INSTANTANEOUS PEAK STAGE	7.13	Mar 10	7.13	Mar 10 1995
ANNUAL RUNOFF (AC-FT)	9290		9300	
10 PERCENT EXCEEDS	22		18	
50 PERCENT EXCEEDS	5.0		3.1	
90 PERCENT EXCEEDS	.44		.16	

CARSON RIVER BASIN

10309050 PINE NUT CREEK NEAR GARDNERVILLE, NV

LOCATION.--Lat 38°51'34", long 119°34'02", in NE $^1/_4$ SE $^1/_4$ sec.36, T.11 N., R.22 E., Douglas County, Hydrologic Unit 16050201, on right bank, 11.5 mi southeast of Gardnerville.

DRAINAGE AREA.--10.14 mi^2.

PERIOD OF RECORD.--April 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,340 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.34	.40	.56	.71	2.1	1.1	e1.3	5.1	15	5.0	.40	.34
2	.31	.42	.56	.67	1.4	1.0	e1.2	5.6	15	4.9	.41	.34
3	.32	.37	.59	.75	1.3	1.2	e1.2	5.4	14	4.6	.40	.34
4	.41	.37	.58	.73	1.4	.88	e1.4	5.3	14	4.2	.39	.34
5	.42	.41	.58	.76	1.5	.98	e1.4	5.2	13	4.0	.38	.34
6	.37	.39	.56	.75	1.5	.90	e1.5	5.8	13	3.4	.37	.34
7	.36	.44	.47	.97	1.5	.87	e1.8	5.6	12	3.2	.37	.34
8	.35	.42	.40	.87	1.3	.96	e1.5	5.0	10	3.1	.38	.34
9	.34	.41	.43	.96	1.2	2.7	e1.4	4.8	8.9	2.6	.37	.34
10	.34	.42	.44	1.5	1.1	8.2	e1.4	4.5	8.0	2.2	.35	.34
11	.35	.41	.53	1.1	1.0	2.4	e1.6	4.5	7.7	2.3	.36	.34
12	.36	.43	.60	1.3	.88	e2.3	e1.6	4.7	7.9	2.2	.35	.33
13	.39	.35	.62	1.4	.79	e2.0	e1.4	5.2	8.2	2.0	.35	.32
14	.39	.34	.61	1.5	.70	e1.9	e1.4	6.0	8.7	1.7	.34	.31
15	.40	.35	.61	1.4	.67	e1.8	e1.4	7.9	8.9	1.5	.33	.31
16	.39	.35	.64	.96	.78	e2.1	e1.4	16	8.0	1.4	.33	.31
17	.38	.33	.67	.87	.78	e1.9	e1.4	19	7.2	1.5	.33	.32
18	.38	.34	.69	1.1	.80	e2.3	e1.4	16	6.7	1.5	.35	.32
19	.38	.35	.69	.97	.92	e1.9	e1.4	14	6.3	1.4	.36	.32
20	.38	.38	.69	1.1	1.0	e1.8	e1.3	14	6.2	1.3	.35	.32
21	.38	.40	.69	1.0	1.1	e1.6	e1.3	14	6.2	1.1	.37	.33
22	.38	.39	.65	1.1	1.0	e1.5	e1.3	22	5.7	1.0	.44	.34
23	.38	.41	.67	1.0	.99	e1.4	e1.4	19	5.5	.88	.43	.34
24	.39	.47	.70	1.0	.98	e1.4	e1.4	19	5.5	.80	.40	.34
25	.39	.49	.69	1.0	.98	e1.3	e1.6	17	5.3	.75	.38	.35
26	.39	.46	.70	.99	.97	e1.2	e2.0	15	5.2	.65	.37	.36
27	.39	.48	.72	1.0	.96	e1.2	2.8	14	5.2	.57	.37	.36
28	.39	.50	.73	.97	.97	e1.2	2.8	13	5.1	.55	.36	.37
29	.39	.53	.72	1.0	---	e1.3	3.2	12	5.0	.51	.36	.39
30	.39	.54	.51	1.1	---	e1.4	3.7	12	5.0	.48	.35	.40
31	.39	---	.51	1.6	---	e1.4	---	12	---	.45	.34	---
TOTAL	11.62	12.35	18.81	32.13	30.57	54.09	49.9	328.6	252.4	61.74	11.44	10.18
MEAN	.37	.41	.61	1.04	1.09	1.74	1.66	10.6	8.41	1.99	.37	.34
MAX	.42	.54	.73	1.6	2.1	8.2	3.7	22	15	5.0	.44	.40
MIN	.31	.33	.40	.67	.67	.87	1.2	4.5	5.0	.45	.33	.31
AC-FT	23	24	37	64	61	107	99	652	501	122	23	20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1995, BY WATER YEAR (WY)

MEAN	.58	1.10	.98	.91	1.48	2.08	1.90	2.44	1.61	.88	.94	.34
MAX	2.03	5.70	3.33	2.05	6.78	10.2	5.04	10.6	8.41	7.78	11.6	1.18
(WY)	1984	1984	1984	1984	1986	1986	1983	1995	1995	1983	1983	1983
MIN	.11	.16	.22	.33	.42	.51	.47	.32	.14	.049	.023	.065
(WY)	1993	1993	1994	1991	1991	1992	1994	1992	1994	1994	1994	1993

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1980 - 1995	
ANNUAL TOTAL	129.81		873.83			
ANNUAL MEAN	.36		2.39		1.26	
HIGHEST ANNUAL MEAN					4.29	1983
LOWEST ANNUAL MEAN					.29	1994
HIGHEST DAILY MEAN	1.0	Mar 15	22	May 22	60	Mar 8 1986
LOWEST DAILY MEAN	.02	Jul 21	.31	Oct 2	.02	Jul 21 1994
ANNUAL SEVEN-DAY MINIMUM	.02	Aug 12	.32	Sep 13	.02	Aug 12 1994
INSTANTANEOUS PEAK FLOW			45	May 22	165	Mar 8 1986
INSTANTANEOUS PEAK STAGE			4.59	May 22	4.59	May 22 1995
ANNUAL RUNOFF (AC-FT)	257		1730		910	
10 PERCENT EXCEEDS	.65		6.5		2.5	
50 PERCENT EXCEEDS	.39		.96		.65	
90 PERCENT EXCEEDS	.03		.34		.12	

e Estimated

CARSON RIVER BASIN

10309070 BUCKEYE CREEK NEAR MINDEN, NV

LOCATION.--Lat 38°58'59", long 119°34'23", in NE $^1/_4$ NW $^1/_4$ sec.24, T.13 N., R.21 E., Douglas County, Hydrologic Unit 16050201, on left bank, 10.5 mi east of Minden.

DRAINAGE AREA.--46.3 mi^2.

PERIOD OF RECORD.--April 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,640 ft above sea level, from topographic map.

REMARKS.--Records poor. No diversions above station. No flow, many days, most years. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.41	3.4	1.9	16	.79	6.8	4.5	.00	.01
2	.00	.00	.16	.36	1.6	1.3	11	1.3	8.1	3.0	.00	.01
3	.00	.00	.23	.44	1.2	3.6	5.9	.76	6.2	.77	.00	.01
4	.00	.00	.22	.64	1.0	1.6	4.7	.74	5.5	.62	.00	.01
5	.00	.00	.20	.45	1.0	.95	2.8	.77	5.6	.55	.00	.01
6	.00	.00	.10	.50	.96	1.1	2.2	.83	5.3	.51	.00	.00
7	.00	.00	.00	1.7	.85	.93	1.8	1.5	5.7	.49	.00	.00
8	.00	.00	.00	1.6	.85	.50	1.6	.89	4.7	.46	.00	.00
9	.00	.00	.00	1.9	.75	12	.99	.71	3.4	.43	.00	.00
10	.00	.00	.00	10	.76	88	.94	.69	2.6	.38	.00	.00
11	.00	.00	.00	3.2	.75	58	.90	.66	2.3	.35	.00	.00
12	.00	.00	.06	2.4	.78	19	.87	.65	2.2	.32	.00	.00
13	.00	.00	.25	4.9	.63	8.6	.86	.62	2.0	.27	.01	.00
14	.00	.00	.01	2.2	.69	16	1.0	.77	2.2	.24	.01	.00
15	.00	.00	.00	2.1	.60	14	1.5	12	2.9	.18	.00	.00
16	.00	.00	.05	1.2	.74	8.3	1.0	43	3.5	.15	.00	.00
17	.00	.00	.24	.70	.85	2.9	1.4	60	2.0	.13	.00	.00
18	.00	.00	.31	.79	.66	2.0	1.1	32	.96	.10	.00	.00
19	.00	.00	.34	.97	.59	1.6	.95	12	.80	.09	.00	.00
20	.00	.00	.43	.86	.92	1.2	.91	6.4	.78	.07	.00	.00
21	.00	.00	.68	.92	1.2	5.5	.97	4.5	.74	.04	.00	.00
22	.00	.00	.48	.96	1.2	5.4	.95	13	.64	.01	.16	.00
23	.00	.00	.09	.99	1.3	4.1	.89	48	.54	.01	.32	.00
24	.00	.00	.33	.97	1.2	7.6	.86	22	.49	.01	.27	.00
25	.00	.00	.64	1.0	1.0	5.0	.82	22	.46	.01	.21	.00
26	.00	.00	.61	1.3	.85	3.0	.79	12	.47	.00	.17	.00
27	.00	.00	.60	1.0	.73	5.5	3.5	9.3	.86	.00	.15	.00
28	.00	.00	.60	1.1	.66	7.3	.77	9.7	.56	.00	.12	.00
29	.00	.00	.53	1.4	---	4.6	.72	7.5	.65	.00	.09	.01
30	.00	.00	.53	2.0	---	8.2	.75	6.4	.98	.00	.06	.01
31	.00	---	.06	5.3	---	13	---	5.8	---	.00	.03	---
TOTAL	0.00	0.00	7.75	54.26	27.72	312.68	69.44	337.28	80.03	13.69	1.60	0.07
MEAN	.000	.000	.25	1.75	.99	10.1	2.31	10.9	2.67	.44	.052	.002
MAX	.00	.00	.68	10	3.4	88	16	60	8.1	4.5	.32	.01
MIN	.00	.00	.00	.36	.59	.50	.72	.62	.46	.00	.00	.00
AC-FT	.00	.00	15	108	55	620	138	669	159	27	3.2	.1

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1995, BY WATER YEAR (WY)

MEAN	.17	.16	.23	.32	1.72	3.04	1.21	1.40	.58	.23	.30	.15
MAX	.47	.96	1.64	1.75	13.3	15.0	7.08	10.9	4.23	1.54	3.66	.60
(WY)	1984	1984	1984	1995	1986	1993	1983	1995	1983	1988	1984	1985
MIN	.000	.000	.000	.000	.021	.006	.000	.000	.000	.000	.000	.000
(WY)	1993	1993	1993	1993	1991	1994	1994	1994	1990	1981	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1980 - 1995	
ANNUAL TOTAL	11.62		904.52			
ANNUAL MEAN	.032		2.48		.79	
HIGHEST ANNUAL MEAN					2.58	1983
LOWEST ANNUAL MEAN					.011	1994
HIGHEST DAILY MEAN	1.5	Jul 22	88	Mar 10	95	Aug 29 1984
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Aug 2 1980
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.00	Oct 1	.00	Aug 2 1980
INSTANTANEOUS PEAK FLOW			293	Mar 10	1070	Aug 29 1984
INSTANTANEOUS PEAK STAGE			6.88	Mar 10	8.13	Jul 31 1991
ANNUAL RUNOFF (AC-FT)	23		1790		572	
10 PERCENT EXCEEDS	.00		5.6		1.2	
50 PERCENT EXCEEDS	.00		.53		.06	
90 PERCENT EXCEEDS	.00		.00		.00	

CARSON RIVER BASIN

10309100 EAST FORK CARSON RIVER AT MINDEN, NV

LOCATION.--Lat 38°56'21", long 119°46'11", in NE 1/4 NE 1/4 sec.6, T.12 N., R.20 E., Douglas County, Hydrologic Unit 16050201, on left bank, 0.25 mi above bridge at State Highway 88, and 1.0 mi south of Minden.

DRAINAGE AREA.--392 mi^2, approximately.

PERIOD OF RECORD.--March 1974 to September 1984, March 1994 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,714.59 ft above sea level, (levels by Nevada Highway Department). March 1974 to September 1984 at three different sites downstream of highway bridge, 0.25 mi downstream at datum 8.08 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Many diversions for irrigation above station. Flow slightly regulated by several small reservoirs on tributaries. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.6	2.2	54	42	229	90	924	3390	3250	2840	244	e15
2	1.7	1.2	54	50	240	86	923	3630	3690	2630	237	e16
3	1.3	.89	58	42	191	112	911	2480	3090	2500	233	e17
4	3.6	.53	76	83	173	97	965	2210	3210	2420	230	e18
5	19	.59	65	82	161	84	1080	1960	3410	2320	228	e17
6	21	71	54	62	155	69	1070	1740	2560	2480	239	e16
7	21	104	45	91	142	62	1170	1520	1900	2610	221	e17
8	20	53	50	89	134	56	1300	1390	1550	2650	223	e16
9	15	14	e50	118	124	1050	1030	1390	1580	2640	239	e17
10	7.1	12	e50	586	114	4600	873	1370	1930	2440	232	e16
11	4.3	3.9	e50	479	107	3690	807	1530	2530	2100	178	e16
12	4.8	4.9	51	190	102	1730	892	1530	2970	1840	171	e16
13	1.9	6.7	44	202	89	1050	1210	1380	3010	1580	186	e15
14	1.1	1.9	50	579	95	1150	1050	1340	3050	1510	175	e15
15	1.9	1.5	39	428	80	1170	886	1350	2580	1500	161	e15
16	1.2	6.9	40	244	85	1210	805	1330	2020	1520	152	e15
17	3.6	3.0	40	193	76	1070	704	1340	1790	1540	145	e15
18	5.5	1.8	40	168	61	960	639	1460	1890	1460	120	e15
19	1.2	.77	36	152	54	1280	553	1780	2090	1400	120	e16
20	1.3	12	40	142	60	1310	547	2180	1990	1150	130	e17
21	1.3	25	40	130	79	1470	521	2560	1910	946	134	e16
22	1.5	e27	38	124	91	1280	447	2890	2050	869	133	e16
23	2.2	e28	54	117	96	1180	430	2630	2200	668	116	e15
24	1.6	e30	47	114	102	1010	489	2590	2510	485	92	e16
25	1.4	31	41	108	108	916	645	2160	2850	398	80	e17
26	1.2	34	38	104	112	864	774	2110	3090	337	59	e18
27	1.3	41	37	100	101	794	1020	2440	3010	307	44	e19
28	1.0	70	39	98	95	740	1220	2340	3090	333	30	e21
29	2.3	100	40	97	---	693	1500	2310	3000	404	24	e23
30	3.0	84	41	100	---	690	2230	2240	2810	433	e20	e26
31	2.3	---	51	143	---	784	---	2440	---	265	e15	---
TOTAL	158.2	772.78	1452	5257	3256	31347	27615	63010	76610	46575	4611	507
MEAN	5.10	25.8	46.8	170	116	1011	920	2033	2554	1502	149	16.9
MAX	21	104	76	586	240	4600	2230	3630	3690	2840	244	26
MIN	1.0	.53	36	42	54	56	430	1330	1550	265	15	15
AC-FT	314	1530	2880	10430	6460	62180	54770	125000	152000	92380	9150	1010

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1995, BY WATER YEAR (WY)

MEAN	33.1	94.5	132	180	197	271	375	896	838	315	36.5	11.3
MAX	215	405	528	655	725	1011	1037	2033	2554	1502	257	61.8
(WY)	1983	1984	1984	1980	1982	1995	1982	1995	1995	1995	1983	1982
MIN	.23	.82	1.17	1.48	2.59	1.45	1.41	9.49	4.78	.75	.35	.14
(WY)	1978	1977	1977	1977	1977	1977	1977	1977	1976	1977	1977	1977

SUMMARY STATISTICS	FOR 1995 WATER YEAR		WATER YEARS 1974 - 1995	
ANNUAL TOTAL	261170.98			
ANNUAL MEAN	716		300	
HIGHEST ANNUAL MEAN			716	1995
LOWEST ANNUAL MEAN			3.27	1977
HIGHEST DAILY MEAN	4600	Mar 10	6280	Jan 14 1980
LOWEST DAILY MEAN	.53	Nov 4	.05	Oct 1 1977
ANNUAL SEVEN-DAY MINIMUM	1.5	Oct 22	.06	Sep 29 1977
INSTANTANEOUS PEAK FLOW	7420	Mar 10	8000	Jan 14 1980
INSTANTANEOUS PEAK STAGE	9.04	Mar 10	11.40	Jan 14 1980
ANNUAL RUNOFF (AC-FT)	518000		217200	
10 PERCENT EXCEEDS	2440		960	
50 PERCENT EXCEEDS	134		66	
90 PERCENT EXCEEDS	5.3		1.1	

e Estimated

CARSON RIVER BASIN

10310000 WEST FORK CARSON RIVER AT WOODFORDS, CA

LOCATION (REVISED).--Lat 38°46'11", long 119°49'58", in NW $^1/_4$ SE $^1/_4$ sec.34, T.11 N., R.19 E., Alpine County, Hydrologic Unit 16050201, in Toiyabe National Forest, on left bank, 0.3 mi downstream from bridge on State Highway 88-89, 0.6 mi southwest of Woodfords, and 3.8 mi downstream from Willow Creek.

DRAINAGE AREA.--65.4 mi^2.

PERIOD OF RECORD.--October 1900 to May 1907, 1910-11 (fragmentary), October 1938 to current year. January 1890 to March 1892, June 1907 to September 1920 (except parts of 1910-11), at site 0.7 mi downstream; records not equivalent owing to diversions for irrigation.

REVISED RECORDS.--WDR NV-79-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 5,754.5 ft above sea level. Prior to October 1, 1938, nonrecording gage at about the same site at different datum. October 1, 1938, to November 11, 1958, water-stage recorder at same site at datum 1.02 ft lower. November 13, 1958, to January 30, 1963, water-stage recorder at site 150 ft downstream at datum 3.06 ft lower.

REMARKS.--Records fair, except for estimated daily discharges, which are poor. One small diversion above station for irrigation. Flow slightly regulated by several small reservoirs, total capacity, about 1,500 acre-ft. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of December 11, 1937, reached a stage of 8.0 ft, present datum, from floodmarks, discharge, 3,500 ft^3/s, on basis of slope-area measurement of peak flow.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	16	23	23	60	74	156	1040	1100	674	228	70
2	15	19	24	25	65	73	158	1030	1060	636	222	68
3	15	16	24	22	63	69	166	790	961	637	210	59
4	17	16	23	23	62	66	183	727	1010	606	203	58
5	20	33	23	21	62	64	215	640	981	579	199	57
6	21	61	23	22	61	62	227	563	757	602	196	54
7	21	39	22	24	59	59	240	552	601	635	184	53
8	20	29	e22	22	58	57	254	606	509	631	179	51
9	19	26	e21	27	56	193	207	658	502	611	162	51
10	18	23	22	41	55	310	175	698	601	577	155	50
11	17	24	22	30	54	259	205	743	771	521	150	49
12	17	24	23	33	54	240	256	685	853	453	139	59
13	16	20	22	42	52	217	313	582	826	386	131	75
14	16	24	23	51	49	223	246	515	852	367	128	72
15	16	22	23	53	59	228	212	494	767	364	121	60
16	17	20	22	51	48	208	190	491	608	371	119	55
17	17	19	22	50	47	188	173	535	550	379	119	46
18	16	16	23	47	47	216	158	617	594	363	113	45
19	16	26	23	51	49	260	146	731	619	352	105	44
20	16	23	23	47	54	270	144	850	574	348	102	43
21	16	23	23	45	60	244	136	952	553	334	107	43
22	16	23	22	44	64	168	133	964	588	319	104	43
23	15	22	23	42	68	147	160	890	641	298	99	42
24	15	22	23	41	73	144	217	814	716	280	97	42
25	15	20	23	40	79	163	319	719	767	276	91	42
26	15	19	23	39	80	162	356	758	797	267	83	41
27	15	24	23	38	77	128	374	816	788	258	77	60
28	15	23	23	38	77	115	404	809	770	276	72	66
29	15	22	23	38	---	112	503	863	738	296	68	63
30	15	22	22	40	---	119	605	914	694	277	72	51
31	15	---	29	49	---	128	---	983	---	243	72	---
TOTAL	513	716	710	1159	1692	4966	7231	23029	22148	13216	4107	1612
MEAN	16.5	23.9	22.9	37.4	60.4	160	241	743	738	426	132	53.7
MAX	21	61	29	53	80	310	605	1040	1100	674	228	75
MIN	15	16	21	21	47	57	133	491	502	243	68	41
AC-FT	1020	1420	1410	2300	3360	9850	14340	45680	43930	26210	8150	3200

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1901 - 1995, BY WATER YEAR (WY)

MEAN	27.3	40.6	47.7	46.3	56.4	75.9	204	375	259	108	49.4	31.1
MAX	79.1	321	347	140	258	283	502	924	996	525	223	120
(WY)	1983	1951	1951	1970	1963	1986	1907	1906	1983	1907	1907	1983
MIN	8.27	13.1	12.8	13.7	16.3	18.2	46.6	56.4	37.4	18.1	11.1	7.00
(WY)	1989	1991	1991	1961	1977	1977	1975	1977	1992	1977	1977	1977

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1901 - 1995	
ANNUAL TOTAL	14128.5		81099			
ANNUAL MEAN	38.7		222		110	
HIGHEST ANNUAL MEAN					290	1907
LOWEST ANNUAL MEAN					26.1	1977
HIGHEST DAILY MEAN	197	Apr 19	1100	Jun 1	3000	Feb 1 1963
LOWEST DAILY MEAN	9.0	Sep 9	15	Oct 2	5.3	Sep 2 1977
ANNUAL SEVEN-DAY MINIMUM	9.5	Sep 6	15	Oct 23	5.4	Sep 5 1977
INSTANTANEOUS PEAK FLOW			1460	Jun 1	4890	Feb 1 1963
INSTANTANEOUS PEAK STAGE			4.81	Jun 1	9.00	Feb 1 1963
ANNUAL RUNOFF (AC-FT)	28020		160900		79850	
10 PERCENT EXCEEDS	94		696		292	
50 PERCENT EXCEEDS	23		72		46	
90 PERCENT EXCEEDS	11		20		17	

e Estimated

CARSON RIVER BASIN

10310200 WEST FORK CARSON RIVER AT PAYNESVILLE, CA

LOCATION.--Lat 38°48'32", long 119°46'34", in NW $^{1}/_{4}$ NE $^{1}/_{4}$ sec.19, T.11 N., R.20 E., Alpine County, Hydrologic Unit 16050201, at Diamond Valley Road bridge, 600 ft east of State Route 88, at Paynesville, CA.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1992 to current year.

REMARKS.--In August 1992, station was incorporated into the Douglas County Network.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)
NOV										
15...	1140	9.4	97	7.1	6.0	3.0	35	9.8	2.5	5.7

DATE	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)
NOV									
15...	0.4	2.0	4.1	2.0	<0.10	<0.010	23	75	75

DATE	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)
NOV									
15...	0.10	0.004	0.065	0.002	0.40	0.050	0.052	110	9

CARSON RIVER BASIN

10310300 FREDERICKSBURG CANYON CREEK NEAR FREDERICKSBURG, CA

LOCATION.--Lat 38°49'38", long 119°47'56", in NE $^1/_4$ SW $^1/_4$ sec.12, T.11 N., R.19 E., Alpine County, Hydrologic Unit 16050201, on left bank, 1 mi west of Fredericksburg, and 6 mi north of Woodfords.

DRAINAGE AREA.--3.71 mi^2.

PERIOD OF RECORD.--December 1988 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,520 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records good. No diversions above station. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	1.4	1.5	1.5	2.1	2.3	3.0	8.3	12	16	8.9	5.5
2	1.3	1.4	1.5	1.5	2.1	2.2	3.0	8.2	13	15	8.8	5.5
3	1.4	1.3	1.6	1.5	2.0	2.4	3.0	6.9	14	14	8.7	5.3
4	1.6	1.4	1.5	1.5	1.9	2.2	3.1	6.8	15	13	8.3	5.2
5	1.6	1.9	1.5	1.5	1.8	2.2	3.2	6.5	15	13	8.1	5.0
6	1.5	2.0	1.5	1.5	1.8	2.1	3.3	6.0	10	13	7.8	4.8
7	1.5	1.5	1.4	1.8	1.8	2.1	3.4	5.7	8.5	15	7.7	4.6
8	1.5	1.5	1.4	1.7	1.8	2.1	3.5	5.5	9.2	18	7.7	4.7
9	1.4	1.4	1.4	1.8	1.7	4.7	3.1	5.5	9.0	14	7.8	4.7
10	1.4	1.4	1.4	2.6	1.7	6.9	2.9	5.5	11	13	7.5	4.9
11	1.4	1.4	1.4	2.1	1.7	5.5	2.9	6.1	11	12	7.4	4.8
12	1.3	1.4	1.5	1.9	1.7	4.2	3.1	6.0	16	11	7.1	4.7
13	1.3	1.4	1.4	2.3	1.7	3.7	3.7	5.7	15	11	7.1	4.8
14	1.3	1.4	1.4	2.6	1.8	3.8	3.3	5.5	11	10	7.0	4.8
15	1.4	1.5	1.4	2.1	1.7	4.1	3.2	5.2	10	9.5	7.1	4.7
16	1.5	1.5	1.5	1.9	1.7	3.9	3.1	4.9	8.8	9.2	7.1	4.9
17	1.5	1.5	1.5	1.7	1.7	3.5	2.9	5.4	11	9.5	7.1	5.0
18	1.4	1.6	1.5	1.6	1.7	3.9	2.9	5.9	12	12	7.1	5.0
19	1.4	1.6	1.5	1.5	1.7	3.9	2.8	6.7	11	10	6.7	5.0
20	1.4	1.6	1.5	1.5	1.7	3.8	2.8	7.5	12	8.2	6.7	5.0
21	1.4	1.6	1.5	1.5	1.8	3.7	2.7	8.5	11	7.9	6.7	5.0
22	1.4	1.5	1.5	1.5	1.9	3.4	2.6	9.5	12	6.7	6.7	5.0
23	1.4	1.5	1.5	1.4	1.9	3.1	2.8	10	12	7.6	6.6	5.1
24	1.4	1.5	1.5	1.4	2.0	2.9	3.1	10	13	9.9	6.5	5.3
25	1.4	1.6	1.5	1.4	2.2	2.7	3.7	9.1	15	11	6.4	5.3
26	1.4	1.7	1.5	1.4	2.2	2.6	3.9	9.6	15	11	6.2	5.3
27	1.4	1.6	1.5	1.4	2.2	2.5	4.2	9.9	15	11	5.9	5.2
28	1.4	1.5	1.5	1.4	2.2	2.6	4.1	10	17	10	5.8	5.2
29	1.3	1.5	1.5	1.3	---	2.6	4.7	11	18	9.6	5.8	5.2
30	1.3	1.5	1.5	1.4	---	2.6	5.7	11	18	9.5	5.8	5.2
31	1.3	---	1.5	1.8	---	2.7	---	12	---	9.3	5.8	---
TOTAL	43.5	45.6	45.8	52.0	52.2	100.9	99.7	234.4	380.5	349.9	219.9	150.7
MEAN	1.40	1.52	1.48	1.68	1.86	3.25	3.32	7.56	12.7	11.3	7.09	5.02
MAX	1.6	2.0	1.6	2.6	2.2	6.9	5.7	12	18	18	8.9	5.5
MIN	1.3	1.3	1.4	1.3	1.7	2.1	2.6	4.9	8.5	6.7	5.8	4.6
AC-FT	86	90	91	103	104	200	198	465	755	694	436	299

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1995, BY WATER YEAR (WY)

MEAN	1.62	1.69	1.64	1.60	1.66	2.20	2.71	4.31	4.34	3.37	2.57	2.19
MAX	2.78	2.59	2.30	2.04	2.29	3.25	4.22	8.60	12.7	11.3	7.09	5.02
(WY)	1994	1994	1994	1994	1994	1995	1989	1993	1995	1995	1995	1995
MIN	1.06	1.18	1.32	1.18	1.28	1.35	1.73	1.85	1.14	1.03	1.20	1.15
(WY)	1993	1993	1992	1989	1991	1992	1991	1992	1992	1992	1992	1991

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1989 - 1995	
ANNUAL TOTAL	687.0		1775.1			
ANNUAL MEAN	1.88		4.86		2.51	
HIGHEST ANNUAL MEAN					4.86	1995
LOWEST ANNUAL MEAN					1.41	1992
HIGHEST DAILY MEAN	3.2	May 9	18	Jun 29	18	Jun 29 1995
LOWEST DAILY MEAN	1.3	Oct 1	1.3	Oct 1	.92	Jul 18 1992
ANNUAL SEVEN-DAY MINIMUM	1.3	Oct 28	1.3	Oct 28	.97	Jul 14 1992
INSTANTANEOUS PEAK FLOW			26	Jun 28	26	Jun 28 1995
INSTANTANEOUS PEAK STAGE			2.60	Jun 28	2.60	Jun 28 1995
ANNUAL RUNOFF (AC-FT)	1360		3520		1820	
10 PERCENT EXCEEDS	2.4		11		4.5	
50 PERCENT EXCEEDS	1.8		3.1		1.8	
90 PERCENT EXCEEDS	1.4		1.4		1.2	

CARSON RIVER BASIN

10310350 MILLER SPRING NEAR SHERIDAN, NV

LOCATION.--Lat 38°52'43", long 119°49'07", in NE 1/4 NW 1/4 sec.26, T.12 N., R.19 E., Douglas County, Hydrologic Unit 16050201, on left bank, 1.25 mi south of Sheridan, 3 mi southwest of Centerville, and 6 mi southwest of Minden.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--March 1989 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,780 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records fair. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.68	.57	.54	.45	.40	.43	.45	.44	.95	2.0	1.9	2.3
2	.69	.54	.55	.45	.40	.43	.43	.43	.84	2.1	1.8	2.3
3	.70	.53	.57	.45	.41	.43	.43	.43	.82	2.1	1.8	2.5
4	.75	.53	.53	.46	.41	.41	.45	.43	.84	2.1	1.8	2.5
5	.73	.55	.53	.48	.42	.41	.45	.44	.88	1.8	1.8	2.6
6	.73	.54	.50	.47	.40	.41	.45	.45	.95	1.8	1.8	2.6
7	.72	.55	.50	.47	.38	.40	.45	.45	1.0	1.8	1.8	2.6
8	.70	.55	.50	.43	.38	.43	.45	.45	1.0	1.9	1.9	2.6
9	.74	.55	.50	.43	.38	.52	.45	.45	1.0	1.9	1.8	2.6
10	.79	.54	.49	.51	.38	.56	.45	.45	1.3	1.9	1.8	2.6
11	.79	.53	.49	.44	.38	.52	.45	.45	1.3	1.8	1.9	2.7
12	.79	.53	.49	.42	.38	.51	.45	.58	1.4	1.8	1.9	2.7
13	.79	.52	.48	.43	.39	.50	.46	.69	1.3	1.9	1.9	2.8
14	.80	.52	.48	.44	.40	.48	.45	.88	1.4	2.0	1.9	2.9
15	.83	.49	.48	.43	.40	.46	.45	.85	1.5	2.1	1.9	3.0
16	.80	.49	.48	.41	.40	.45	.45	.89	1.6	2.1	1.9	3.0
17	.79	.50	.48	.43	.42	.45	.45	.92	1.7	2.2	2.0	3.0
18	.79	.52	.49	.43	.43	.46	.45	.93	1.6	2.2	1.9	3.0
19	.79	.53	.48	.43	.43	.44	.45	.76	1.7	2.2	2.0	3.1
20	.78	.55	.48	.43	.43	.45	.45	.67	1.8	2.2	2.0	3.1
21	.78	.55	.48	.43	.43	.43	.45	.70	1.8	1.8	2.0	3.1
22	.72	.56	.48	.43	.43	.45	.45	.72	1.8	1.8	2.0	3.1
23	.61	.55	.48	.43	.43	.46	.45	.70	1.8	1.9	2.2	3.1
24	.60	.53	.48	.43	.41	.45	.43	.76	1.8	2.1	2.3	3.1
25	.59	.54	.48	.43	.42	.45	.43	.80	1.8	2.1	2.3	3.1
26	.60	.53	.48	.43	.43	.45	.43	.82	1.8	2.1	2.3	3.2
27	.61	.54	.48	.41	.43	.45	.44	.86	2.0	2.1	2.4	3.0
28	.61	.53	.48	.40	.43	.45	.43	.86	1.7	2.1	2.5	2.7
29	.61	.53	.47	.40	---	.45	.44	.88	1.8	1.9	2.5	2.7
30	.60	.53	.45	.40	---	.45	.43	.90	1.9	1.9	2.2	2.7
31	.57	---	.45	.40	---	.45	---	.93	---	1.9	2.2	---
TOTAL	22.08	16.02	15.25	13.48	11.43	14.09	13.35	20.97	43.08	61.6	62.4	84.3
MEAN	.71	.53	.49	.43	.41	.45	.44	.68	1.44	1.99	2.01	2.81
MAX	.83	.57	.57	.51	.43	.56	.46	.93	2.0	2.2	2.5	3.2
MIN	.57	.49	.45	.40	.38	.40	.43	.43	.82	1.8	1.8	2.3
AC-FT	44	32	30	27	23	28	26	42	85	122	124	167

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1995, BY WATER YEAR (WY)

MEAN	.52	.54	.54	.54	.53	.53	.53	.54	.65	.71	.69	.83
MAX	.75	.90	.98	.96	.98	.89	.84	.77	1.44	1.99	2.01	2.81
(WY)	1994	1994	1994	1994	1994	1994	1994	1994	1995	1995	1995	1995
MIN	.33	.40	.36	.38	.35	.31	.33	.34	.29	.32	.30	.26
(WY)	1992	1991	1992	1992	1991	1991	1991	1992	1992	1991	1991	1991

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1989 - 1995	
ANNUAL TOTAL	265.30		378.05			
ANNUAL MEAN	.73		1.04		.61	
HIGHEST ANNUAL MEAN					1.04	1995
LOWEST ANNUAL MEAN					.35	1991
HIGHEST DAILY MEAN	1.0	Feb 3	3.2	Sep 26	3.2	Sep 26 1995
LOWEST DAILY MEAN	.45	Jul 10	.38	Feb 7	.24	Sep 16 1991
ANNUAL SEVEN-DAY MINIMUM	.47	Dec 25	.38	Feb 7	.25	Sep 13 1991
INSTANTANEOUS PEAK FLOW			3.3	Sep 26	3.3	Sep 26 1995
INSTANTANEOUS PEAK STAGE			2.46	Sep 6	2.63	Aug 2 1993
ANNUAL RUNOFF (AC-FT)	526		750		443	
10 PERCENT EXCEEDS	.97		2.2		.92	
50 PERCENT EXCEEDS	.71		.55		.48	
90 PERCENT EXCEEDS	.52		.43		.33	

CARSON RIVER BASIN

10310358 WEST FORK CARSON RIVER AT MULLER LANE NEAR MINDEN, NV

LOCATION.--Lat 38°58'16", long 119°49'00", in SE $^1/_4$ SW $^1/_4$ sec.23, T.13 N., R.19 E., Douglas County, Hydrologic Unit 16050201, on left bank, 1.1 mi east of Foothill Road on Muller Lane, and 3.0 mi northwest of Minden.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--March 1994 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,680 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records fair. Numerous diversions for irrigation of pasture lands in Carson Valley. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.39	5.7	8.9	9.5	24	24	23	170	157	192	8.0	11
2	.42	4.8	13	11	25	22	23	269	163	160	7.9	11
3	.45	4.7	17	10	24	28	20	112	128	120	8.5	16
4	.46	5.1	15	7.6	23	28	19	52	124	105	6.6	14
5	.45	5.5	13	12	23	25	22	28	147	98	16	18
6	.34	6.0	13	10	25	23	22	23	112	97	20	12
7	.45	7.0	12	18	26	24	23	22	88	114	22	10
8	.43	8.9	9.4	31	26	25	22	19	52	124	21	21
9	.43	11	8.5	18	26	44	18	13	43	89	18	13
10	1.7	8.7	7.9	39	25	190	16	9.2	51	40	11	9.2
11	1.0	8.8	7.9	53	25	560	11	10	70	8.9	11	7.1
12	1.2	12	12	34	24	51	12	12	104	6.1	15	5.3
13	1.1	15	14	30	24	37	21	14	108	5.9	15	4.6
14	1.1	14	10	37	25	28	24	68	118	11	14	4.2
15	1.2	12	12	43	23	47	22	84	120	39	16	4.5
16	1.2	15	13	34	24	43	24	56	93	49	14	4.3
17	1.6	17	14	29	25	31	28	39	63	51	9.1	3.8
18	1.7	15	13	28	23	29	27	38	40	63	2.4	6.1
19	2.3	11	11	27	23	32	23	40	32	81	1.4	11
20	3.3	14	10	26	25	34	21	46	17	69	1.4	12
21	3.5	15	9.6	26	25	46	23	63	37	54	1.7	16
22	3.9	15	9.7	26	23	34	24	123	23	50	9.3	17
23	3.7	13	9.3	26	21	43	18	140	31	43	16	17
24	3.4	15	9.6	29	21	41	21	131	52	46	15	13
25	3.2	18	11	27	21	36	11	97	77	44	8.5	14
26	2.7	17	10	23	22	30	4.6	72	186	34	8.3	25
27	2.3	14	10	22	22	27	8.7	105	341	29	14	24
28	2.4	19	10	24	22	24	17	116	274	20	13	23
29	2.5	12	10	23	---	23	18	142	241	7.4	17	35
30	3.4	8.2	10	21	---	22	35	136	213	4.9	19	40
31	5.4	---	9.3	21	---	22	---	144	---	6.7	23	---
TOTAL	57.62	347.4	343.1	775.1	665	1673	601.3	2393.2	3310	1861.9	383.1	422.1
MEAN	1.86	11.6	11.1	25.0	23.7	54.0	20.0	77.2	110	60.1	12.4	14.1
MAX	5.4	19	17	53	26	560	35	269	341	192	23	40
MIN	.34	4.7	7.9	7.6	21	22	4.6	9.2	17	4.9	1.4	3.8
AC-FT	114	689	681	1540	1320	3320	1190	4750	6570	3690	760	837

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1995, BY WATER YEAR (WY)

MEAN	1.86	11.6	11.1	25.0	23.7	54.0	15.1	56.0	61.6	30.6	6.43	7.29
MAX	1.86	11.6	11.1	25.0	23.7	54.0	20.0	77.2	110	60.1	12.4	14.1
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995
MIN	1.86	11.6	11.1	25.0	23.7	54.0	10.1	34.9	12.9	1.14	.51	.51
(WY)	1995	1995	1995	1995	1995	1995	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS	FOR 1995 WATER YEAR		WATER YEARS 1994 - 1995	
ANNUAL TOTAL	12832.82			
ANNUAL MEAN	35.2		35.2	
HIGHEST ANNUAL MEAN			35.2	1995
LOWEST ANNUAL MEAN			35.2	1995
HIGHEST DAILY MEAN	560	Mar 11	560	Mar 11 1995
LOWEST DAILY MEAN	.34	Oct 6	.12	Aug 20 1994
ANNUAL SEVEN-DAY MINIMUM	.42	Oct 1	.18	Aug 16 1994
INSTANTANEOUS PEAK FLOW	1080	Mar 11	1080	Mar 11 1995
INSTANTANEOUS PEAK STAGE	5.60	Mar 11	5.60	Mar 11 1995
ANNUAL RUNOFF (AC-FT)	25450		25470	
10 PERCENT EXCEEDS	97		57	
50 PERCENT EXCEEDS	21		14	
90 PERCENT EXCEEDS	4.3		.54	

CARSON RIVER BASIN

10310400 DAGGETT CREEK NEAR GENOA, NV

LOCATION.--Lat 38°57'55", long 119°50'55", in SW $^1/_4$ NE $^1/_4$ sec.28, T.13 N., R.19 E., Douglas County, Hydrologic Unit 16050201, in Haines Canyon on left bank, 0.55 mi upstream from Foothill Road, and 3.5 mi southwest of Genoa.

DRAINAGE AREA.--3.82 mi^2.

PERIOD OF RECORD.--1964 (miscellaneous site), 1965 (low-flow, partial-record site). October 1965 to September 1983, December 1988 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,100 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records good. No diversions above station. Intermittent pumping of effluent from Lake Tahoe Basin by Douglas County Sewer Improvement District No. 1, occurred from February 1969 to November 1971. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.76	.76	1.2	.96	1.6	1.3	2.2	4.8	3.0	3.5	1.6	1.0
2	.77	.70	1.1	.95	1.5	1.2	2.2	2.9	3.0	3.7	1.6	1.0
3	.79	.72	1.3	.95	1.3	1.6	2.2	2.7	3.5	3.8	1.6	.98
4	1.0	.78	1.1	.87	1.3	1.2	2.2	2.6	3.7	3.7	1.5	.98
5	.94	1.7	1.0	.88	1.3	1.2	2.3	2.5	3.4	3.5	1.4	.98
6	.84	1.5	1.0	.89	1.3	1.2	2.2	2.5	3.3	3.6	1.4	.97
7	.84	1.2	1.1	1.1	1.3	1.2	2.6	2.3	3.1	3.7	1.3	.96
8	.82	1.0	1.1	.93	1.3	1.2	2.3	2.3	2.9	3.5	1.4	.98
9	.79	.90	1.0	1.1	1.2	3.3	2.3	2.4	2.6	3.6	1.4	.99
10	.76	.91	1.0	2.4	1.2	4.9	2.1	2.4	2.7	2.7	1.3	.98
11	.76	.88	1.0	1.2	1.1	2.9	2.1	2.5	2.9	1.7	1.3	.97
12	.75	.88	1.1	1.1	1.1	2.1	2.2	2.3	2.8	1.9	1.2	.96
13	.78	.88	1.1	1.4	1.2	1.9	2.3	2.5	2.9	2.6	1.2	.95
14	.80	.84	1.1	1.6	1.2	1.8	2.2	2.8	2.9	3.0	1.2	.94
15	.81	.80	1.0	1.3	1.2	1.8	2.1	2.8	2.9	2.9	1.3	.94
16	.83	.80	.99	1.1	1.2	1.6	2.1	2.6	2.5	2.8	1.2	.92
17	.85	.80	1.0	1.1	1.2	1.6	2.0	2.7	2.4	2.7	1.2	.88
18	.84	.80	1.1	1.0	1.2	2.6	2.1	2.5	2.5	2.9	1.2	.89
19	.78	.79	1.1	.97	1.2	2.0	2.0	2.5	2.3	3.0	1.2	.88
20	.73	.84	1.0	.97	1.2	2.5	2.2	2.5	2.2	2.8	1.2	.85
21	.72	.80	1.1	.94	1.1	2.3	2.1	2.6	2.3	2.6	1.2	.88
22	.73	.80	1.0	.93	1.2	1.9	2.1	2.8	2.4	2.5	1.2	.88
23	.72	.84	1.0	.96	1.2	2.1	2.1	2.7	2.5	2.4	1.2	.87
24	.72	.82	1.1	1.1	1.3	1.9	2.2	2.7	2.6	2.2	1.1	.88
25	.73	.95	1.1	1.1	1.3	2.0	2.2	2.4	2.9	2.1	1.1	.89
26	.75	1.1	1.1	1.0	1.3	2.0	2.1	2.3	3.0	1.9	1.1	.90
27	.76	1.2	1.1	1.0	1.2	2.0	2.5	2.4	2.9	1.9	1.0	.90
28	.76	1.2	1.0	1.1	1.2	2.0	2.3	2.4	2.9	1.8	1.0	.90
29	.80	1.2	1.1	1.2	---	2.0	2.7	2.5	2.9	1.8	1.0	.93
30	.74	1.2	1.1	1.2	---	2.1	2.5	2.5	2.9	1.7	.99	.93
31	.71	---	1.0	1.7	---	2.2	---	2.7	---	1.7	1.0	---
TOTAL	24.38	28.59	33.09	35.00	34.9	61.6	66.7	81.1	84.8	84.2	38.59	27.96
MEAN	.79	.95	1.07	1.13	1.25	1.99	2.22	2.62	2.83	2.72	1.24	.93
MAX	1.0	1.7	1.3	2.4	1.6	4.9	2.7	4.8	3.7	3.8	1.6	1.0
MIN	.71	.70	.99	.87	1.1	1.2	2.0	2.3	2.2	1.7	.99	.85
AC-FT	48	57	66	69	69	122	132	161	168	167	77	55

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 1995, BY WATER YEAR (WY)

MEAN	1.35	1.70	1.52	1.76	1.75	1.97	2.03	2.43	2.22	1.78	1.55	1.33
MAX	3.48	3.49	3.64	3.40	3.72	3.86	3.35	4.73	6.84	5.30	7.29	4.20
(WY)	1970	1969	1971	1970	1970	1970	1983	1967	1983	1969	1969	1970
MIN	.69	.83	.77	.98	1.04	1.06	1.10	.98	.68	.51	.56	.56
(WY)	1980	1980	1993	1989	1991	1977	1994	1990	1994	1994	1994	1979

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1966 - 1995	
ANNUAL TOTAL	328.90		600.91			
ANNUAL MEAN	.90		1.65		1.83	
HIGHEST ANNUAL MEAN					3.57	1969
LOWEST ANNUAL MEAN					.95	1994
HIGHEST DAILY MEAN	1.7	Nov 5	4.9	Mar 10	18	Feb 16 1982
LOWEST DAILY MEAN	.40	Jul 2	.70	Nov 2	.38	Oct 9 1979
ANNUAL SEVEN-DAY MINIMUM	.45	Jun 29	.73	Oct 20	.45	Jun 29 1994
INSTANTANEOUS PEAK FLOW			9.1	Mar 10	63	Aug 5 1971
INSTANTANEOUS PEAK STAGE			1.16	Mar 10	2.78	Aug 5 1971
ANNUAL RUNOFF (AC-FT)	652		1190		1320	
10 PERCENT EXCEEDS	1.2		2.8		3.2	
50 PERCENT EXCEEDS	.96		1.2		1.4	
90 PERCENT EXCEEDS	.54		.83		.80	

CARSON RIVER BASIN

10310402 EAST BRANCH BROCKLISS SLOUGH AT MULLER LANE NEAR MINDEN, NV

LOCATION.--Lat 38°58'15", long 119°49'51", in SW $^1/_4$ SE $^1/_4$ sec.22, T.13 N., R.19 E., Douglas County, Hydrologic Unit 16050201, on right bank, 0.35 mi east of Foothill Road on Muller Lane, and 3.0 mi northwest of Minden.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--March 1994 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,680 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Numerous diversions for irrigation of pasture land in Carson Valley. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e1.6	.82	e.50	e.45	3.0	3.0	3.4	214	276	133	12	13
2	e1.8	.73	e.47	e.45	2.4	2.8	3.2	436	442	130	10	28
3	e2.0	.71	e.46	e.45	1.7	3.9	3.1	307	509	113	13	23
4	e2.2	.64	e.45	e.45	1.5	4.1	2.9	211	412	75	13	25
5	e4.0	.74	e.45	e1.8	1.5	3.6	3.0	101	429	72	11	7.7
6	e4.6	.74	e.45	e7.0	1.5	3.4	3.0	48	413	76	5.5	5.5
7	2.3	.80	e.45	e6.0	1.5	3.3	2.9	37	261	110	15	4.2
8	1.9	.82	e.45	e8.0	1.4	2.6	3.7	37	149	132	19	5.8
9	2.4	.68	e.45	e6.5	1.4	29	2.6	48	75	121	41	8.3
10	2.2	.52	e.45	e8.2	1.4	525	2.6	49	90	105	29	8.9
11	2.1	.47	e.45	e10	1.4	838	2.3	75	151	68	14	9.3
12	2.3	.46	e.45	e6.0	1.4	77	2.2	96	205	34	13	9.5
13	2.2	.42	e.45	e5.0	1.3	28	3.2	52	215	8.6	6.7	12
14	2.4	.40	e.45	e5.5	1.4	20	3.0	163	204	5.9	7.5	12
15	2.4	.40	e.45	e6.5	1.4	19	2.5	265	230	9.6	5.3	9.7
16	2.4	.42	e.45	e5.5	1.4	15	2.4	78	215	7.4	4.8	9.7
17	1.9	.46	e.45	e5.0	1.3	5.9	2.6	41	126	10	5.4	33
18	1.6	.48	e.45	e4.5	1.3	7.0	13	43	105	8.7	8.7	21
19	1.5	.43	e.45	e4.5	1.9	12	8.7	78	149	7.3	15	12
20	1.4	.42	e.45	e4.5	1.7	19	7.0	133	102	4.9	18	9.3
21	1.4	.45	e.45	e4.5	1.5	60	3.1	186	67	3.5	36	9.2
22	1.5	.42	e.45	e4.5	2.3	11	4.6	239	60	4.5	23	9.8
23	1.6	.43	e.45	e4.6	2.4	15	1.6	263	69	8.7	10	10
24	1.5	.44	e.45	e4.8	2.2	14	1.2	228	129	6.5	15	10
25	1.4	.50	e.45	5.2	2.8	9.7	1.1	186	203	14	11	10
26	1.4	.48	e.45	3.9	2.3	7.8	1.7	152	239	17	7.2	12
27	1.4	.50	e.45	3.8	3.0	5.5	13	179	228	14	7.8	13
28	1.4	.50	e.45	4.4	2.5	4.5	38	201	215	7.7	7.0	16
29	1.4	e.50	e.45	4.0	---	4.0	42	207	196	4.5	5.7	19
30	1.3	e.50	e.45	3.5	---	3.7	129	239	163	7.2	5.0	24
31	1.0	---	e.45	3.1	---	3.5	---	229	---	9.2	6.5	---
TOTAL	60.5	16.28	14.03	142.60	50.8	1760.3	312.6	4821	6327	1328.2	401.1	399.9
MEAN	1.95	.54	.45	4.60	1.81	56.8	10.4	156	211	42.8	12.9	13.3
MAX	4.6	.82	.50	10	3.0	838	129	436	509	133	41	33
MIN	1.0	.40	.45	.45	1.3	2.6	1.1	37	60	3.5	4.8	4.2
MED	1.8	.49	.45	4.5	1.5	7.8	3.0	163	203	10	11	10
AC-FT	120	32	28	283	101	3490	620	9560	12550	2630	796	793

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1995, BY WATER YEAR (WY)

MEAN	1.95	.54	.45	4.60	1.81	56.8	9.64	89.6	110	22.3	6.80	7.22
MAX	1.95	.54	.45	4.60	1.81	56.8	10.4	156	211	42.8	12.9	13.3
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995
MIN	1.95	.54	.45	4.60	1.81	56.8	8.86	23.8	8.35	1.82	.67	1.11
(WY)	1995	1995	1995	1995	1995	1995	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS	FOR 1995 WATER YEAR		WATER YEARS 1994 - 1995	
ANNUAL TOTAL	15634.31			
ANNUAL MEAN	42.8		42.8	
HIGHEST ANNUAL MEAN			42.8	1995
LOWEST ANNUAL MEAN			42.8	1995
HIGHEST DAILY MEAN	838	Mar 11	838	Mar 11 1995
LOWEST DAILY MEAN	.40	Nov 14	.31	Aug 28 1994
ANNUAL SEVEN-DAY MINIMUM	.43	Nov 13	.39	Aug 16 1994
INSTANTANEOUS PEAK FLOW	1200	Mar 11	1200	Mar 11 1995
INSTANTANEOUS PEAK STAGE	10.34	Mar 11	10.34	Mar 11 1995
ANNUAL RUNOFF (AC-FT)	31010		31030	
10 PERCENT EXCEEDS	156		78	
50 PERCENT EXCEEDS	5.2		4.0	
90 PERCENT EXCEEDS	.45		.46	

e Estimated

CARSON RIVER BASIN

10310403 WEST BRANCH BROCKLISS SLOUGH AT MULLER LANE NEAR MINDEN, NV

LOCATION.--Lat 38°58'16", long 119°50'04", in SE $^1/_4$ SW $^1/_4$ sec.22, T.13 N., R.19 E., Douglas County, Hydrologic Unit 16050201, on right bank, 0.15 mi east of Foothill Road on Muller Lane, and 4.0 mi northwest of Minden.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--May 1994 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,680 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated discharges which are poor. Flow regulated by numerous diversions for irrigation in Carson Valley. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.7	4.8	32	41	84	93	160	410	456	437	86	37
2	2.7	5.9	58	40	90	88	159	418	463	442	72	32
3	4.6	4.6	78	42	90	116	160	359	462	434	84	37
4	8.8	5.8	66	38	88	93	181	359	468	417	65	54
5	12	14	44	45	86	96	200	388	471	411	78	47
6	20	26	33	44	86	80	222	359	463	420	67	41
7	15	40	29	66	85	83	218	346	457	408	30	32
8	12	40	26	107	81	82	238	341	436	419	59	27
9	9.1	28	27	124	80	205	199	339	402	424	47	26
10	5.7	28	30	213	77	439	167	350	422	417	51	22
11	4.8	25	35	301	77	525	145	394	447	402	51	19
12	3.1	27	39	101	74	310	181	404	453	353	54	18
13	1.5	23	39	92	72	233	236	366	452	270	55	26
14	1.3	21	37	150	75	218	205	415	453	254	82	28
15	1.6	25	39	190	70	221	172	435	454	259	49	28
16	4.4	22	39	109	73	230	162	379	456	271	28	33
17	6.9	24	41	87	71	232	145	337	441	313	27	33
18	5.5	e35	40	84	69	240	117	354	431	307	34	36
19	6.7	e28	39	78	68	295	95	402	437	294	40	31
20	6.6	23	39	79	71	307	79	427	428	259	47	29
21	7.6	26	39	78	75	359	73	441	394	230	38	25
22	4.4	23	38	75	77	266	86	445	401	235	37	22
23	4.9	21	39	82	81	267	100	443	422	213	35	26
24	1.9	26	39	106	84	260	136	443	443	175	56	26
25	1.5	28	40	114	90	249	193	439	477	117	61	27
26	3.6	31	40	89	92	242	199	441	494	83	67	31
27	5.5	29	40	84	93	206	266	450	483	87	70	29
28	5.9	35	41	97	90	180	333	456	489	100	69	29
29	5.1	28	40	86	---	161	364	456	463	121	43	31
30	3.9	27	39	78	---	154	396	458	435	154	33	34
31	4.4	---	36	78	---	153	---	455	---	98	24	---
TOTAL	182.7	724.1	1241	2998	2249	6683	5587	12509	13453	8824	1640	916
MEAN	5.89	24.1	40.0	96.7	80.3	216	186	404	448	285	52.9	30.5
MAX	20	40	78	301	93	525	396	458	494	442	86	54
MIN	1.3	4.6	26	38	68	80	73	337	394	83	24	18
AC-FT	362	1440	2460	5950	4460	13260	11080	24810	26680	17500	3250	1820

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1995, BY WATER YEAR (WY)

MEAN	5.89	24.1	40.0	96.7	80.3	216	186	404	227	144	26.6	15.5
MAX	5.89	24.1	40.0	96.7	80.3	216	186	404	448	285	52.9	30.5
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995
MIN	5.89	24.1	40.0	96.7	80.3	216	186	404	5.74	2.41	.24	.47
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1994	1994	1994	1994

SUMMARY STATISTICS	FOR 1995 WATER YEAR		WATER YEARS 1994 - 1995	
ANNUAL TOTAL	57006.8			
ANNUAL MEAN	156		156	
HIGHEST ANNUAL MEAN			156	1995
LOWEST ANNUAL MEAN			156	1995
HIGHEST DAILY MEAN	525	Mar 11	525	Mar 11 1995
LOWEST DAILY MEAN	1.3	Oct 14	.00	Aug 21 1994
ANNUAL SEVEN-DAY MINIMUM	3.2	Oct 10	.00	Aug 28 1994
INSTANTANEOUS PEAK FLOW	683	Mar 11	683	Mar 11 1995
INSTANTANEOUS PEAK STAGE	9.13	Mar 11	9.13	Mar 11 1995
ANNUAL RUNOFF (AC-FT)	113100		113100	
10 PERCENT EXCEEDS	436		417	
50 PERCENT EXCEEDS	82		39	
90 PERCENT EXCEEDS	19		.39	

e Estimated

CARSON RIVER BASIN

10310447 AMBROSETTI POND NEAR GENOA, NV

LOCATION.--Lat 39°02'31", long 119°47'01", in SW $^{1}/_{4}$ SW $^{1}/_{4}$ sec.30, T.14 N., R.20 E., Douglas County, Hydrologic Unit 16050201, on right bank, 20 ft upstream of outlet gate structure, and 4.3 mi northeast of Genoa.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--April 1992 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,660 ft above sea level, from topographic map.

REMARKS.--Records good. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 6.38 ft, March 11; the pond was dry during October.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.81	4.41	4.47	4.76	4.26	5.18	5.08	4.23	4.84	4.90	4.75	4.88
2	2.80	4.29	4.80	4.90	4.22	4.92	4.47	3.34	5.14	5.17	4.90	4.90
3	2.79	4.28	5.11	5.02	4.26	4.73	4.16	4.21	5.05	4.97	5.08	4.82
4	2.79	4.29	5.44	5.11	4.40	4.83	4.17	4.54	4.79	4.82	5.23	4.65
5	2.78	4.33	5.25	5.11	4.59	4.44	4.21	4.70	4.74	4.82	5.23	4.79
6	2.77	4.42	5.01	5.10	4.73	4.39	4.26	4.58	4.77	4.84	5.18	4.78
7	2.76	4.56	4.81	5.10	4.80	4.30	4.37	4.59	4.93	4.88	5.19	4.66
8	2.97	4.74	4.80	5.27	4.55	4.18	4.45	4.53	5.26	4.80	5.29	4.53
9	4.25	4.95	4.82	5.47	4.37	4.07	4.51	4.44	5.28	4.82	5.34	4.57
10	4.70	5.15	4.79	5.32	4.76	3.95	4.57	4.64	5.32	5.16	5.35	4.49
11	4.95	5.26	4.72	4.41	4.90	6.03	4.62	5.01	5.33	4.98	5.23	4.48
12	5.28	5.44	4.70	5.23	4.68	5.87	4.69	5.35	5.22	5.01	5.14	4.55
13	5.18	5.11	4.71	4.81	4.41	4.42	4.66	5.27	4.88	5.14	5.18	4.69
14	5.12	4.92	4.69	3.70	4.40	e3.02	4.64	5.36	4.51	4.91	5.32	4.86
15	5.14	4.87	4.72	4.52	4.61	3.74	4.60	5.65	4.32	4.56	5.43	4.98
16	4.98	4.99	4.77	5.55	4.55	5.09	4.57	5.19	4.81	4.82	4.93	5.08
17	4.78	5.27	4.84	3.74	4.42	4.31	4.59	4.69	5.08	5.03	4.69	5.27
18	4.70	e5.20	4.88	3.93	4.47	3.46	4.54	5.53	5.01	4.56	4.90	5.42
19	4.70	e4.98	4.90	4.07	4.56	3.58	4.65	4.15	4.96	4.96	5.06	5.25
20	4.70	e4.63	4.89	4.27	4.58	3.97	4.66	3.60	5.13	5.27	5.21	4.92
21	4.70	e4.70	4.89	4.43	4.61	4.40	4.77	4.14	5.19	5.13	5.22	4.55
22	4.73	e4.53	4.90	4.57	4.65	4.49	5.00	4.29	4.98	5.06	5.14	4.57
23	5.24	e4.51	4.90	4.67	4.54	3.86	4.95	3.80	4.82	5.08	4.98	4.55
24	5.51	e4.70	4.87	4.61	4.55	5.05	4.89	5.33	5.14	4.96	4.90	4.19
25	5.21	e4.00	5.02	4.54	4.62	5.39	5.02	5.24	5.37	4.68	4.80	4.01
26	4.94	e4.10	5.12	4.48	4.74	4.43	4.89	5.17	5.12	4.67	4.91	4.23
27	5.00	e3.60	5.01	4.35	4.85	3.55	4.68	4.87	5.09	4.72	5.16	4.66
28	5.03	e3.69	4.83	4.43	4.97	4.20	4.68	4.40	5.06	4.77	5.40	5.09
29	4.74	e3.50	4.60	4.50	---	4.60	4.72	4.53	4.57	4.72	5.42	5.31
30	4.60	4.09	4.52	4.42	---	4.88	4.75	4.28	4.58	4.66	5.04	5.36
31	4.49	---	4.63	4.28	---	5.09	---	4.47	---	4.65	4.86	---
MAX	5.51	5.44	5.44	5.55	4.97	6.03	5.08	5.65	5.37	5.27	5.43	5.42
MIN	2.76	3.50	4.47	3.70	4.22	3.02	4.16	3.34	4.32	4.56	4.69	4.01

e Estimated

CARSON RIVER BASIN

10310448 AMBROSETTI POND OUTLET NEAR GENOA, NV

LOCATION.--Lat 39°02'32", long 119°47'00", in SW $^1/_4$ SW $^1/_4$ sec.30, T.14 N., R.20 E., Douglas County, Hydrologic Unit 16050201, on right gate of outlet structure, and 4.3 mi northeast of Genoa.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--August 1992 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,660 ft above sea level, from topographic map.

REMARKS.--Records poor. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

EXTREMES FOR CURRENT YEAR.--Maximum discharge unknown, May 16, gage height unknown; no flow at times in October.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	1.7	2.2	6.5	21	17	e13	e3.7	e4.5	e26	4.5	12
2	.00	1.7	4.1	6.5	19	21	e8.8	e.27	e6.2	e25	4.5	12
3	.00	.92	6.0	6.5	18	20	e6.0	e1.8	e9.9	e24	4.5	12
4	.00	.82	13	7.3	18	26	e6.1	e4.5	e10	e24	5.6	9.4
5	.00	.82	20	8.1	18	22	e6.1	e6.9	e7.0	e24	7.0	7.4
6	.00	.82	16	8.1	18	14	e6.1	e8.7	e8.2	e24	7.0	9.4
7	.00	.82	13	8.1	22	13	e6.2	e6.5	e9.4	e24	7.4	9.4
8	.00	.82	8.1	12	27	13	e6.3	e6.5	e12	e24	8.2	6.1
9	.00	.78	8.1	21	22	12	e6.5	e5.3	e14	e17	9.4	3.3
10	.00	.69	8.1	29	20	e64	e6.5	e5.6	e17	e15	9.4	3.3
11	.00	3.3	8.1	e32	30	e64	e6.5	e7.0	e22	e19	9.4	2.7
12	3.5	6.1	8.1	e59	41	e64	e8.0	e10	e32	e19	8.1	1.7
13	11	11	8.1	e73	39	e64	e7.9	e17	e30	e13	6.7	1.7
14	9.1	7.5	8.1	e30	23	e42	e7.9	e34	e26	e22	8.1	3.2
15	7.7	7.3	8.1	e2.0	20	e.50	e7.8	e70	e14	e13	16	6.5
16	9.4	5.4	8.1	e28	22	e12	e7.8	e92	e4.5	e4.5	19	6.5
17	7.9	5.7	8.1	e39	18	e36	e7.8	e69	e6.5	e22	13	7.6
18	4.1	8.2	8.1	17	16	e5.0	e6.5	e22	e9.4	16	11	12
19	2.0	12	8.1	19	16	e8.7	e6.6	e44	e9.4	4.5	10	17
20	1.5	12	8.1	22	15	e23	e6.6	e10	e12	11	12	17
21	.82	12	8.1	22	15	e70	e6.7	e.97	e14	14	14	11
22	.82	10	8.1	22	15	e73	e10	e1.1	e14	14	12	8.1
23	3.9	5.4	8.1	26	12	e47	e9.6	e1.7	e14	14	9.3	8.1
24	9.3	8.5	8.1	29	10	e14	e6.8	e13	e14	14	8.1	6.3
25	9.2	22	8.1	29	9.5	e50	e8.3	e26	e16	11	6.1	2.8
26	7.5	36	12	29	9.4	e72	e8.2	e26	e19	9.4	3.0	1.7
27	7.5	11	12	31	9.0	e34	15	e26	e22	8.0	3.0	1.7
28	7.4	11	12	31	8.7	e2.7	e8.1	e15	e39	7.0	5.1	3.0
29	7.4	11	12	31	---	e3.7	e8.1	e12	e40	7.0	14	6.9
30	1.5	6.6	8.4	31	---	e5.4	e8.1	e12	e26	7.0	20	11
31	1.7	---	6.5	25	---	e7.1	---	e4.5	---	5.9	14	---
TOTAL	113.24	221.89	283.0	740.1	531.6	920.10	233.9	563.04	482.0	482.3	289.4	220.8
MEAN	3.65	7.40	9.13	23.9	19.0	29.7	7.80	18.2	16.1	15.6	9.34	7.36
MAX	11	36	20	73	41	73	15	92	40	26	20	17
MIN	.00	.69	2.2	2.0	8.7	.50	6.0	.27	4.5	4.5	3.0	1.7
AC-FT	225	440	561	1470	1050	1830	464	1120	956	957	574	438

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1995, BY WATER YEAR (WY)

MEAN	6.73	6.76	6.05	11.3	11.1	14.2	6.60	11.9	11.5	5.97	3.85	2.75
MAX	14.5	10.7	9.13	23.9	19.0	29.7	11.4	18.2	16.1	15.6	9.34	7.36
(WY)	1994	1994	1995	1995	1995	1995	1994	1995	1995	1995	1995	1995
MIN	2.00	2.13	2.24	2.02	1.76	1.61	.58	.53	7.00	.53	.59	.000
(WY)	1993	1993	1993	1993	1993	1993	1993	1993	1994	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1992 - 1995	
ANNUAL TOTAL	2679.03		5081.37			
ANNUAL MEAN	7.34		13.9		11.1	
HIGHEST ANNUAL MEAN					13.9	1995
LOWEST ANNUAL MEAN					8.34	1994
HIGHEST DAILY MEAN	36	Nov 26	92	May 16	100	Jun 7 1993
LOWEST DAILY MEAN	.00	Jun 19	.00	Oct 1	.00	Jun 19 1994
ANNUAL SEVEN-DAY MINIMUM	.00	Jun 19	.00	Oct 1	.00	Jun 19 1994
ANNUAL RUNOFF (AC-FT)	5310		10080		8060	
10 PERCENT EXCEEDS	15		29		19	
50 PERCENT EXCEEDS	7.5		9.4		4.6	
90 PERCENT EXCEEDS	.00		1.9		.33	

e Estimated

CARSON RIVER BASIN

10310500 CLEAR CREEK NEAR CARSON CITY, NV

LOCATION.--Lat 39°06'48", long 119°47'50", in NE $^1/_4$ NW $^1/_4$ sec.1, T.14 N., R.19 E., Douglas County, Hydrologic Unit 16050201, on left bank, 3 mi upstream from mouth, and 3.5 mi southwest of Carson City.

DRAINAGE AREA.--15.5 mi^2

PERIOD OF RECORD.--March 1948 to September 1962, occasional low-flow measurements, water years 1963-1988, and annual maximum, water years 1963-1981, January 1989 to current year.

GAGE.--Water-stage recorder and sharp crested weir. Elevation of gage is 5,000 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. A few small diversions for irrigation above station. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	1.5	3.1	3.3	6.8	5.9	11	28	17	8.7	4.0	2.6
2	1.2	1.6	3.5	3.3	6.2	5.1	10	20	15	8.3	3.9	2.6
3	1.1	1.6	4.5	3.6	5.2	8.4	9.8	16	16	8.1	3.7	2.6
4	1.6	1.6	3.7	3.7	4.4	6.3	10	15	15	7.8	3.7	2.5
5	1.6	3.2	3.1	4.0	4.1	5.6	10	15	14	7.5	3.7	2.5
6	1.5	3.5	2.8	4.3	4.0	4.9	10	14	13	7.0	3.7	2.6
7	1.4	2.4	2.5	6.4	4.4	4.6	11	12	14	6.8	3.7	2.6
8	1.3	2.0	2.8	5.6	5.2	4.3	10	12	12	7.0	3.6	2.4
9	1.3	1.8	2.9	7.6	5.0	15	9.1	12	12	6.7	3.7	2.5
10	1.3	1.9	3.2	11	4.8	24	8.6	12	13	6.4	3.6	2.5
11	1.3	2.0	2.3	6.2	4.6	21	8.7	14	13	6.3	3.5	2.4
12	1.3	2.1	2.5	4.9	4.5	16	8.8	13	13	6.1	3.5	2.4
13	1.3	1.9	2.4	9.7	4.3	15	11	12	12	6.1	3.4	2.3
14	1.3	1.9	2.3	12	4.6	13	9.2	16	13	5.9	3.3	2.3
15	1.6	2.1	2.3	7.8	4.7	12	8.8	16	14	5.6	3.2	2.2
16	1.6	2.2	2.5	5.4	4.5	10	8.3	12	13	5.5	3.2	2.2
17	1.6	2.3	2.7	4.3	4.5	9.1	7.5	13	11	5.6	3.4	2.1
18	1.2	2.3	2.8	3.8	4.3	16	6.9	14	12	6.0	3.2	2.1
19	1.2	e2.2	2.5	3.4	4.2	11	6.5	15	12	5.9	3.2	2.1
20	1.2	2.5	2.5	3.1	4.2	17	7.7	16	11	5.3	3.2	2.0
21	1.2	2.4	2.6	3.0	4.4	12	6.4	17	11	5.0	3.2	2.0
22	1.2	2.2	2.4	2.8	4.4	10	5.8	20	11	4.8	3.2	2.1
23	1.3	e2.3	2.4	2.8	4.2	9.9	6.1	18	11	4.6	3.2	2.2
24	1.2	2.3	2.4	2.8	4.4	9.3	8.0	17	11	4.6	3.0	2.1
25	1.2	2.5	2.4	2.8	4.6	8.8	8.8	16	10	4.4	3.1	2.2
26	1.2	2.4	2.4	3.0	4.7	8.6	8.9	16	10	4.4	2.8	2.3
27	1.1	e2.4	2.5	3.0	4.4	8.7	11	16	9.9	4.3	2.8	2.3
28	1.1	2.4	2.7	3.0	4.5	8.5	10	16	9.5	4.2	2.8	2.5
29	1.2	2.4	2.9	3.0	---	8.8	13	16	8.9	4.1	2.7	2.7
30	1.3	2.6	3.0	3.4	---	9.7	12	16	8.7	4.2	2.7	2.7
31	1.4	---	3.4	5.4	---	11	---	17	---	4.1	2.7	---
TOTAL	40.5	66.5	86.0	148.4	130.1	329.5	272.9	482	366.0	181.3	102.6	70.6
MEAN	1.31	2.22	2.77	4.79	4.65	10.6	9.10	15.5	12.2	5.85	3.31	2.35
MAX	1.6	3.5	4.5	12	6.8	24	13	28	17	8.7	4.0	2.7
MIN	1.1	1.5	2.3	2.8	4.0	4.3	5.8	12	8.7	4.1	2.7	2.0
AC-FT	80	132	171	294	258	654	541	956	726	360	204	140

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1948 - 1995, BY WATER YEAR (WY)

MEAN	2.66	3.92	5.17	5.59	6.30	7.05	8.33	7.41	4.40	2.53	2.02	2.10
MAX	6.54	11.2	15.3	12.0	10.2	11.6	30.9	26.8	15.0	8.09	5.75	5.73
(WY)	1953	1951	1951	1953	1951	1952	1952	1952	1952	1952	1952	1952
MIN	1.31	1.89	2.31	2.13	3.24	3.36	2.80	1.39	1.12	.75	.67	1.00
(WY)	1995	1962	1962	1962	1991	1992	1992	1992	1994	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1948 - 1995	
ANNUAL TOTAL	794.93		2276.4			
ANNUAL MEAN	2.18		6.24		4.81	
HIGHEST ANNUAL MEAN					11.2	1952
LOWEST ANNUAL MEAN					2.09	1992
HIGHEST DAILY MEAN	4.9	Feb 25	28	May 1	78	Dec 23 1955
LOWEST DAILY MEAN	.54	Jul 29	1.1	Oct 3	.42	Aug 3 1992
ANNUAL SEVEN-DAY MINIMUM	.58	Jul 28	1.2	Oct 22	.44	Aug 3 1992
INSTANTANEOUS PEAK FLOW			45	May 1	130	Feb 20 1968
INSTANTANEOUS PEAK STAGE			2.13	May 1	2.15	Feb 20 1968
ANNUAL RUNOFF (AC-FT)	1580		4520		3480	
10 PERCENT EXCEEDS	3.6		14		9.4	
50 PERCENT EXCEEDS	2.3		4.3		3.5	
90 PERCENT EXCEEDS	.69		1.9		1.4	

e Estimated

CARSON RIVER BASIN

10311000 CARSON RIVER NEAR CARSON CITY, NV

LOCATION.--Lat 39°06'30", long 119°42'40", in SW $^1/_4$ NW $^1/_4$ sec.2, T.14 N., R.20 E., Carson City, Hydrologic Unit 16050201, on left bank, 2 mi downstream from Clear Creek, 3 mi upstream from Lloyds Bridge on road to Mexican Dam, and 5 mi southeast of Carson City Post Office.

DRAINAGE AREA.--886 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1939 to current year.

REVISED RECORDS.--WDR NV-79-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 4,620.48 ft above sea level. Prior to December 23, 1955, water-stage recorder on right bank at datum 1.0 ft higher. December 23, 1955, to March 13, 1956, nonrecording gage at present site at datum 1.0 ft higher. March 14, 1956, to September 30, 1963, water-stage recorder at present site at datum 1.0 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are fair. Many diversions above station for irrigation. Flow slightly regulated by several small reservoirs on tributaries. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	55	116	112	e410	367	862	2450	3710	3150	637	88
2	16	52	180	132	450	361	893	3630	4150	3030	593	90
3	9.9	50	238	125	408	396	851	3360	4360	2860	570	97
4	13	47	267	152	375	[illegible]2	867	2470	4140	2710	511	109
5	23	46	212	137	354	[illegible]0	950	2100	4210	2570	484	115
6	31	66	172	159	347	339	1030	1780	4120	2490	483	104
7	44	163	135	e205	343	319	1060	1560	3170	2510	433	93
8	43	130	134	e260	334	309	1190	1420	2390	2590	414	82
9	40	94	104	e330	326	428	1010	1400	1930	2600	425	74
10	41	79	100	e520	309	2910	893	1390	1960	2550	377	61
11	47	79	96	e1250	308	5570	795	1520	2430	2400	321	61
12	52	70	129	e685	309	5600	860	1630	2990	2170	305	62
13	58	77	131	e450	298	1980	1050	1560	3250	1900	295	59
14	49	71	119	e590	297	1530	1130	1600	3260	1670	281	58
15	49	62	117	e960	281	1390	954	1940	3200	1520	273	58
16	62	69	120	e625	278	1320	869	1880	2700	1470	233	59
17	73	73	124	e470	273	1190	818	1610	2170	1450	204	60
18	69	119	125	e360	244	1090	717	1570	2000	1470	182	63
19	58	77	121	e330	238	1340	650	1740	2240	1430	171	71
20	37	68	120	e315	242	1270	582	2110	2190	1380	172	80
21	36	106	122	e305	268	1770	563	2420	2050	1320	176	81
22	38	113	121	e295	298	1390	534	2780	2060	1250	182	79
23	37	84	141	e290	315	1250	523	3180	2210	1190	167	80
24	50	105	124	e305	329	1180	571	3130	2500	1120	149	87
25	50	139	133	e335	350	1110	757	2990	2880	1020	148	89
26	42	135	136	e320	368	1040	916	2650	3220	906	137	91
27	47	93	135	e305	367	943	1060	2710	3520	820	130	98
28	50	121	128	e300	351	858	1270	2930	3590	786	136	104
29	49	133	126	e300	---	783	1370	3020	3580	782	128	109
30	46	129	119	e295	---	763	2000	3300	3340	810	121	124
31	50	---	115	e305	---	777	---	3470	---	749	108	---
TOTAL	1327.9	2705	4260	11522	9070	40415	27595	71300	89520	54673	8946	2486
MEAN	42.8	90.2	137	372	324	1304	920	2300	2984	1764	289	82.9
MAX	73	163	267	1250	450	5600	2000	3630	4360	3150	637	124
MIN	9.9	46	96	112	238	309	523	1390	1930	749	108	58
AC-FT	2630	5370	8450	22850	17990	80160	54730	141400	177600	108400	17740	4930
CFSM	.05	.10	.16	.42	.37	1.47	1.04	2.60	3.37	1.99	.33	.09
IN.	.06	.11	.18	.48	.38	1.70	1.16	2.99	3.76	2.30	.38	.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 1995, BY WATER YEAR (WY)

MEAN	95.8	209	287	331	379	405	596	1172	966	269	59.5	46.2
MAX	527	1693	1992	1087	2115	1573	1467	3129	4099	1764	657	281
(WY)	1983	1951	1951	1980	1986	1986	1982	1969	1983	1995	1983	1983
MIN	7.69	46.6	52.4	76.4	62.7	73.7	46.4	93.9	47.7	11.6	2.81	1.96
(WY)	1978	1978	1989	1991	1991	1977	1977	1977	1988	1977	1977	1977

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1940 - 1995	
ANNUAL TOTAL	44322.8		323819.9			
ANNUAL MEAN	121		887		401	
HIGHEST ANNUAL MEAN					1142	1983
LOWEST ANNUAL MEAN					58.5	1977
HIGHEST DAILY MEAN	795	May 13	5600	Mar 12	20400	Dec 24 1955
LOWEST DAILY MEAN	1.1	Sep 5	9.9	Oct 3	.00	Sep 5 1992
ANNUAL SEVEN-DAY MINIMUM	1.6	Aug 23	22	Oct 1	1.5	Aug 24 1992
INSTANTANEOUS PEAK FLOW			7740	Mar 11	30000	Dec 24 1955
INSTANTANEOUS PEAK STAGE			10.11	Mar 11	16.00	Dec 24 1955
ANNUAL RUNOFF (AC-FT)	87910		642300		290500	
10 PERCENT EXCEEDS	262		2670		1060	
50 PERCENT EXCEEDS	119		334		179	
90 PERCENT EXCEEDS	5.7		59		20	

e Estimated

CARSON RIVER BASIN

10311000 CARSON RIVER NEAR CARSON CITY, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.-- Water years 1977-84, 1990 to current year.

REMARKS.--In April 1990, station was incorporated into the Douglas County Network.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)
NOV 15...	1340	59	348	7.0	5.5	5.0	110	31	7.5

DATE	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
NOV 15...	32	1	4.1	62	15	0.40	<0.010	24	242

DATE	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)
NOV 15...	234	0.33	0.008	0.038	0.005	0.074	170	71

CARSON RIVER BASIN

10311089 NORTH FORK KINGS CANYON DIVERSION NEAR CARSON CITY, NV

LOCATION.--Lat 39°09'18", long 119°48'58", in NE $^1/_4$ NW $^1/_4$ sec.23, T.15 N., R.19 E., Carson City, Hydrologic Unit 16050201, on left bank, 2.9 mi west of Carson Street off Kings Canyon Road.

DRAINAGE AREA--1.83 mi^2.

PERIOD OF RECORD.--March 1989 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,530 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Periodic regulation for municipal use. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.54	3.8	.66	.69	.69	.66	1.0	.81	2.9	2.8	4.6	e1.4
2	.69	2.3	.63	.68	.60	.65	1.2	1.5	4.6	4.0	4.9	1.4
3	.70	.46	.50	.62	.55	.73	1.2	2.0	2.2	4.8	4.7	2.0
4	.74	.48	.69	.64	.53	.64	1.3	1.8	3.8	5.1	4.8	3.3
5	.76	.40	.68	.67	.53	.61	1.5	1.8	3.8	4.9	3.3	4.1
6	.79	.72	.66	.68	.53	.62	1.5	1.6	2.4	5.4	4.7	4.1
7	.77	.69	.62	.74	.51	.61	1.6	1.5	1.8	4.8	4.5	2.4
8	.52	.63	1.1	.71	.53	.59	1.5	1.6	1.8	2.8	4.4	1.4
9	.63	1.3	.71	.79	.55	e.00	1.5	1.5	1.7	2.8	4.6	2.1
10	.62	2.1	.48	1.1	.54	e.00	1.4	1.6	1.4	3.5	2.6	4.2
11	.65	2.2	.69	.80	.52	e.00	1.2	1.6	3.4	4.6	1.5	4.2
12	.64	.66	.71	.80	.47	e.00	1.1	1.6	3.9	4.7	2.4	3.9
13	.60	.63	.72	1.2	.48	e.00	1.1	1.5	4.8	4.7	4.4	2.4
14	.65	.77	.74	1.3	.48	.93	.96	1.5	4.1	3.9	3.9	1.4
15	.46	.73	.75	.93	.56	1.1	.92	.38	2.9	2.4	4.2	1.4
16	.56	.70	.78	.82	.55	1.1	.90	.98	2.6	2.7	2.4	2.0
17	.52	.75	.79	.79	.53	.97	.86	1.7	1.5	3.2	1.5	3.7
18	.51	.72	.77	.76	.53	1.1	.81	1.6	3.4	3.1	1.5	3.7
19	.48	.48	.77	.74	.57	.60	.76	1.7	3.7	4.9	2.4	3.8
20	.45	.71	.79	.75	.58	e.00	.75	1.1	2.9	4.8	e4.3	2.1
21	.46	.75	.79	.66	.59	e.00	.71	2.0	2.9	5.0	e3.7	1.1
22	.32	.78	.73	.66	.60	e.00	.71	1.9	3.1	2.4	e3.8	1.1
23	.42	.79	.70	.67	.62	.84	.63	1.7	3.3	3.6	e1.9	1.6
24	.36	.80	.72	.68	.60	.96	.85	2.1	3.1	4.6	e1.1	3.6
25	.40	.83	.72	.68	.59	.93	.84	2.0	3.3	4.8	e1.4	3.6
26	.40	.50	.71	.54	.61	.91	.98	2.1	1.9	4.6	e2.1	3.7
27	.91	.68	.72	.48	.64	.86	1.1	1.4	2.5	4.6	e3.7	2.1
28	1.8	.60	.71	.49	.62	.87	1.3	2.0	3.6	4.7	e3.8	1.1
29	.59	.61	.71	.47	---	.87	1.6	2.0	4.7	3.0	e3.8	1.1
30	.47	.63	.69	.49	---	.92	1.7	2.3	3.6	4.6	e2.3	1.7
31	.44	---	.69	.67	---	.95	---	2.4	---	4.8	e1.5	---
TOTAL	18.85	28.20	22.13	22.70	15.70	19.02	33.48	51.27	91.6	126.6	100.7	75.7
MEAN	.61	.94	.71	.73	.56	.61	1.12	1.65	3.05	4.08	3.25	2.52
MAX	1.8	3.8	1.1	1.3	.69	1.1	1.7	2.4	4.8	5.4	4.9	4.2
MIN	.32	.40	.48	.47	.47	.00	.63	.38	1.4	2.4	1.1	1.1
AC-FT	37	56	44	45	31	38	66	102	182	251	200	150

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1995, BY WATER YEAR (WY)

MEAN	.66	.85	.73	.68	.55	.57	.61	.58	.95	1.13	1.00	.87
MAX	1.28	1.71	1.54	1.29	.96	.69	1.12	1.65	3.05	4.08	3.25	2.52
(WY)	1994	1994	1994	1994	1994	1990	1995	1995	1995	1995	1995	1995
MIN	.32	.28	.29	.29	.33	.38	.22	.17	.23	.23	.20	.25
(WY)	1992	1993	1992	1992	1992	1992	1989	1992	1992	1992	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1989 - 1995	
ANNUAL TOTAL	263.53		605.95			
ANNUAL MEAN	.72		1.66		.78	
HIGHEST ANNUAL MEAN					1.66	1995
LOWEST ANNUAL MEAN					.31	1992
HIGHEST DAILY MEAN	3.8	Nov 1	5.4	Jul 6	5.4	Jul 6 1995
LOWEST DAILY MEAN	.23	Jun 3	.00	Mar 9	.00	Mar 9 1995
ANNUAL SEVEN-DAY MINIMUM	.40	Oct 20	.17	Mar 7	.11	May 17 1992
INSTANTANEOUS PEAK FLOW			5.8	Jun 18	5.8	Jun 18 1995
INSTANTANEOUS PEAK STAGE			3.33	Aug 2	3.33	Aug 2 1995
ANNUAL RUNOFF (AC-FT)	523		1200		562	
10 PERCENT EXCEEDS	1.0		4.1		1.5	
50 PERCENT EXCEEDS	.69		.97		.54	
90 PERCENT EXCEEDS	.37		.52		.24	

e Estimated

CARSON RIVER BASIN

10311090 NORTH FORK KINGS CANYON CREEK NEAR CARSON CITY, NV

LOCATION.--Lat 39°09'17" long 119°48'58" in NE $^1/_4$ NW $^1/_4$ sec.23, T.15 N., R.19 E., Carson City, Hydrologic Unit 16050201, on right bank, off Kings Canyon Road, 2.9 mi west of Carson Street.

DRAINAGE AREA.--1.83 mi^2.

PERIOD OF RECORD.--March 1989 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,530 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Periodic diversions for municipal use. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.66	.33	.33	e.18	.27	.46	.60	2.0	.42	1.8	.32	2.5
2	.44	.32	.33	e.18	.27	.46	.56	1.1	.27	.89	.30	2.5
3	.40	.28	.58	.14	.27	.42	.58	.38	1.1	1.5	.40	3.2
4	.40	.37	.31	.16	.23	.40	.60	.50	.48	1.5	.40	1.3
5	.35	.76	.27	.16	.21	.41	.45	.51	.55	1.3	1.6	.22
6	.33	.24	.27	.16	.21	.38	.37	.50	.49	1.9	.22	.16
7	.33	.13	.27	.16	.24	.44	.39	.46	.46	2.8	.33	1.6
8	.62	.14	e.26	.16	.31	.46	.36	.46	.39	3.3	.34	2.4
9	.46	.12	e.25	.16	.31	1.1	.33	.46	.55	3.3	.34	1.8
10	.47	.11	e.24	.16	.31	1.5	.33	.46	.96	2.3	2.0	.15
11	.45	.11	.24	.11	.30	1.4	.47	.46	.29	1.5	2.7	.11
12	.34	.49	.21	.11	.38	1.3	.60	.46	.33	1.8	2.0	.20
13	.32	.17	.16	.11	.33	.98	.63	.46	.40	2.4	.32	1.6
14	.27	.16	e.16	.11	.34	.63	.60	.42	.47	2.1	.32	2.5
15	.56	.15	e.16	.11	.28	.61	.60	1.3	.37	2.5	.40	2.5
16	.40	.16	e.16	.11	.26	.60	.60	.64	.33	2.2	1.9	1.8
17	.40	.16	e.16	.17	.33	.60	.60	.05	1.1	1.4	2.7	.23
18	.40	.16	e.16	.11	.39	.89	.60	.24	.55	1.8	2.7	.20
19	.40	e.17	e.16	.06	.33	1.5	.60	.31	.62	.26	2.1	.27
20	.41	e.17	e.16	.06	.34	1.6	.60	.98	.33	.30	.28	1.7
21	.42	.17	e.16	.07	.40	1.5	.60	.25	.31	.36	.33	2.4
22	.63	.16	.12	.06	.36	1.5	.60	.56	.39	2.4	.26	2.4
23	.44	.16	.16	.06	.33	1.0	.75	.85	.43	1.9	2.0	1.9
24	.53	.16	.14	.06	.37	.60	.63	.41	1.9	.97	2.8	.30
25	.51	.14	e.19	.06	.40	.60	.91	.42	1.9	.37	2.6	.29
26	.54	.55	e.19	.20	.39	.56	.60	.41	1.9	.28	1.9	.26
27	.43	.30	e.19	.27	.42	.56	.60	1.0	2.0	.29	.28	1.6
28	.26	.33	e.19	.27	.46	.60	.60	.38	1.5	.34	.24	2.4
29	.55	.33	e.19	.27	---	.58	.60	.44	1.2	1.6	.21	2.4
30	.35	.35	e.19	.27	---	.56	.56	.50	.76	.35	1.7	1.8
31	.32	---	e.19	.27	---	.60	---	.53	---	.57	2.5	---
TOTAL	13.39	7.35	6.75	4.54	9.04	24.80	16.92	17.90	22.75	46.28	36.49	42.69
MEAN	.43	.24	.22	.15	.32	.80	.56	.58	.76	1.49	1.18	1.42
MAX	.66	.76	.58	.27	.46	1.6	.91	2.0	2.0	3.3	2.8	3.2
MIN	.26	.11	.12	.06	.21	.38	.33	.05	.27	.26	.21	.11
AC-FT	27	15	13	9.0	18	49	34	36	45	92	72	85

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1995, BY WATER YEAR (WY)

MEAN	.51	.39	.35	.34	.36	.46	.55	.63	.58	.70	.64	.64
MAX	.74	.52	.55	.59	.53	.80	1.02	1.09	.80	1.49	1.18	1.42
(WY)	1994	1994	1992	1992	1992	1995	1989	1989	1989	1995	1995	1995
MIN	.38	.24	.20	.15	.16	.18	.24	.48	.38	.29	.22	.24
(WY)	1993	1995	1993	1995	1993	1993	1993	1994	1990	1994	1994	1991

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1989 - 1995	
ANNUAL TOTAL	129.79		248.90			
ANNUAL MEAN	.36		.68		.49	
HIGHEST ANNUAL MEAN					.68	1995
LOWEST ANNUAL MEAN					.40	1994
HIGHEST DAILY MEAN	.99	Apr 29	3.3	Jul 8	3.3	Jul 8 1995
LOWEST DAILY MEAN	.00	Mar 21	.05	May 17	.00	Feb 25 1990
ANNUAL SEVEN-DAY MINIMUM	.15	Dec 18	.06	Jan 19	.06	Jan 19 1995
INSTANTANEOUS PEAK FLOW			4.4	Jul 7	4.4	Jul 7 1995
INSTANTANEOUS PEAK STAGE			2.27	Jul 7	2.27	Jul 7 1995
ANNUAL RUNOFF (AC-FT)	257		494		355	
10 PERCENT EXCEEDS	.67		1.9		1.0	
50 PERCENT EXCEEDS	.32		.40		.42	
90 PERCENT EXCEEDS	.16		.16		.16	

e Estimated

CARSON RIVER BASIN

10311100 KINGS CANYON CREEK NEAR CARSON CITY, NV

LOCATION.--Lat 39°09'14", long 119°48'24", in NE $^1/_4$ NE $^1/_4$ sec.23, T.15 N., R.19 E., Carson City, Hydrologic Unit 16050201, on right bank, off Kings Canyon Road, 2 mi west of Carson Street.

DRAINAGE AREA.--4.06 mi^2.

PERIOD OF RECORD.--June 1976 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,180 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Diversion for municipal use above station. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.25	.18	.23	.16	.93	1.0	1.3	3.0	.44	1.4	.27	2.5
2	.20	.20	.26	.16	.66	.94	.95	1.7	.43	.54	.27	2.7
3	.17	.18	.42	.17	.50	2.9	.80	.56	.87	.84	.26	3.0
4	.17	.22	.28	.18	.39	1.1	.77	.50	.39	.95	.31	1.4
5	.17	.86	.25	.18	.39	.94	.60	.50	.35	.71	1.2	.34
6	.14	.22	.25	.18	.36	.66	.46	.50	.37	1.2	.21	.26
7	.14	.16	.23	.29	.35	.62	.53	.49	.38	1.7	.26	1.5
8	.23	.15	.18	.27	.35	.60	.48	.44	.36	2.7	.31	2.4
9	.23	.17	.21	1.0	.34	2.4	.47	.42	.46	3.0	.38	2.0
10	.22	.17	.29	2.4	.34	11	.43	.40	.69	2.7	1.6	.22
11	.17	.16	.23	.78	.33	5.9	.42	.38	.26	2.0	2.4	.20
12	.10	.30	.22	.84	.34	3.0	.44	.38	.24	1.6	1.8	.22
13	.12	.20	.20	1.5	.37	2.3	.65	.39	.23	1.3	.31	1.4
14	.13	.12	.17	1.9	.42	1.5	.67	.95	.28	1.2	.27	2.1
15	.23	.12	.17	.70	.36	1.2	.65	1.9	.29	2.0	.32	2.1
16	.18	.13	.17	.42	.39	1.1	.61	1.2	.29	1.8	1.3	1.6
17	.18	.15	.17	.32	.43	.93	.59	.52	.79	1.7	2.1	.29
18	.17	.16	.18	.34	.46	2.4	.54	.49	.37	1.7	2.1	.23
19	.17	e.14	.18	.30	.43	2.2	.49	.60	.43	.23	1.6	.22
20	.22	e.13	.18	.28	.42	3.7	.62	.94	.26	.25	.29	1.4
21	.20	e.13	.15	.31	.44	2.8	.56	.53	.23	.34	.24	2.1
22	.28	e.14	.17	.31	.50	2.4	.46	.89	.24	1.7	.21	2.1
23	.22	.14	.18	.31	.47	1.8	.45	1.2	.26	1.1	1.5	1.6
24	.23	.14	.17	.36	.46	1.2	.38	.61	1.2	.57	2.3	.24
25	.23	.14	.17	.46	.48	1.2	.55	.55	1.4	.30	2.1	.29
26	.20	.28	.17	.44	.50	1.1	.35	.44	2.1	.27	1.7	.33
27	.21	.22	.17	.50	.50	1.3	.48	1.2	1.9	.25	.26	1.4
28	.18	.22	.17	.50	.50	1.2	.56	.52	1.4	.25	.22	2.1
29	.28	.22	.17	.54	---	1.4	.82	.50	.80	1.3	.24	2.2
30	.19	.22	.17	.93	---	1.7	.78	.48	.53	.19	1.3	1.8
31	.17	---	.16	1.4	---	1.7	---	.46	---	.40	2.1	---
TOTAL	5.98	5.97	6.32	18.43	12.41	64.19	17.86	23.64	18.24	36.19	29.73	40.24
MEAN	.19	.20	.20	.59	.44	2.07	.60	.76	.61	1.17	.96	1.34
MAX	.28	.86	.42	2.4	.93	11	1.3	3.0	2.1	3.0	2.4	3.0
MIN	.10	.12	.15	.16	.33	.60	.35	.38	.23	.19	.21	.20
AC-FT	12	12	13	37	25	127	35	47	36	72	59	80

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 1995, BY WATER YEAR (WY)

MEAN	1.39	1.34	1.21	1.21	1.71	1.68	1.45	1.22	1.68	1.63	1.46	1.32
MAX	5.69	5.41	5.13	4.35	6.86	4.41	4.33	4.53	8.29	8.01	7.04	4.97
(WY)	1984	1984	1984	1984	1986	1983	1982	1983	1983	1983	1983	1983
MIN	.13	.16	.17	.19	.30	.37	.28	.24	.22	.093	.075	.15
(WY)	1993	1993	1994	1993	1993	1992	1993	1992	1992	1994	1994	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1976 - 1995	
ANNUAL TOTAL	100.98		279.20			
ANNUAL MEAN	.28		.76		1.46	
HIGHEST ANNUAL MEAN					4.58	1983
LOWEST ANNUAL MEAN					.35	1992
HIGHEST DAILY MEAN	1.0	May 7	11	Mar 10	42	Feb 17 1986
LOWEST DAILY MEAN	.02	Aug 1	.10	Oct 12	.02	Aug 1 1994
ANNUAL SEVEN-DAY MINIMUM	.06	Aug 12	.14	Nov 14	.05	Oct 17 1992
INSTANTANEOUS PEAK FLOW			19	Mar 10	150	Feb 19 1986
INSTANTANEOUS PEAK STAGE			4.57	Mar 10	5.44	Feb 19 1986
ANNUAL RUNOFF (AC-FT)	200		554		1050	
10 PERCENT EXCEEDS	.59		1.9		3.4	
50 PERCENT EXCEEDS	.22		.42		.88	
90 PERCENT EXCEEDS	.08		.17		.24	

e Estimated

CARSON RIVER BASIN

10311200 ASH CANYON CREEK NEAR CARSON CITY, NV

LOCATION.--Lat 39°10'35", long 119°48'17" (revised), in NW $^1/_4$ SW $^1/_4$ sec.12, T.15 N., R.19 E., Carson City, Hydrologic Unit 16050201, on left bank, 2 mi west of intersection of Carson and Bath Streets.

DRAINAGE AREA.--5.20 mi^2.

PERIOD OF RECORD.--July 1976 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,080 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.99	1.3	1.5	1.2	2.9	2.3	3.5	11	11	9.1	e5.8	3.2
2	1.0	1.3	1.5	1.2	2.7	2.3	3.6	8.9	11	8.6	5.3	3.1
3	1.1	1.2	1.8	1.3	2.3	2.7	3.5	6.7	12	8.6	5.2	3.1
4	1.2	1.1	1.6	1.4	2.2	2.4	3.6	6.4	13	8.4	5.2	3.1
5	1.3	2.5	1.6	1.5	2.2	2.3	3.8	5.9	12	8.5	5.0	3.2
6	1.2	2.2	1.5	1.4	2.1	2.0	4.0	5.1	11	8.7	4.9	3.4
7	1.2	1.7	1.5	1.8	2.5	1.9	3.9	4.9	10	8.5	4.9	3.3
8	1.1	1.5	e1.4	1.6	2.1	2.0	3.8	5.0	9.6	8.4	5.0	3.4
9	1.1	1.5	e1.4	1.8	2.0	5.2	3.3	5.0	9.7	8.1	4.9	3.5
10	1.1	1.5	e1.4	3.0	2.0	7.6	3.1	5.2	10	8.1	4.7	3.3
11	1.1	1.5	1.8	2.2	2.0	6.1	3.1	5.3	11	7.8	4.7	3.2
12	1.1	1.4	1.4	2.1	2.0	4.8	3.4	4.7	11	7.7	4.5	3.2
13	1.1	1.0	1.4	3.3	1.9	4.4	3.5	4.3	11	7.5	4.4	3.1
14	1.1	1.3	1.3	4.8	1.8	4.3	3.1	4.3	11	7.3	4.4	3.0
15	1.2	1.3	1.4	2.9	e1.8	4.3	3.0	4.2	11	7.2	4.3	2.9
16	1.2	1.4	1.4	2.1	1.8	4.0	2.8	4.4	10	7.2	4.3	2.9
17	1.2	1.4	1.4	1.5	1.7	3.8	2.6	5.1	9.6	7.2	4.3	2.9
18	1.2	1.2	1.4	2.0	1.7	5.4	2.6	5.8	10	7.6	4.2	2.9
19	1.2	e1.1	1.4	1.7	1.7	4.5	2.5	6.4	9.6	7.3	4.0	2.8
20	1.2	1.0	1.4	1.8	1.8	5.0	2.5	6.9	9.0	6.9	3.9	2.8
21	1.2	1.3	1.4	1.8	2.0	5.4	2.5	7.7	8.9	6.7	4.0	2.8
22	1.2	.87	1.4	1.7	2.0	3.9	2.5	8.5	9.1	6.4	4.0	2.8
23	1.2	1.2	1.4	1.7	2.0	3.5	2.7	8.5	9.3	e6.0	3.9	2.8
24	1.2	1.2	1.4	1.7	2.1	3.2	3.0	7.8	9.7	e6.0	3.8	2.8
25	1.2	1.4	1.4	1.7	2.2	e3.0	3.4	7.5	10	e6.0	3.7	2.8
26	1.2	1.1	1.4	1.6	2.1	3.0	3.4	8.0	10	e6.0	3.5	2.9
27	1.2	.97	1.4	1.6	2.1	e2.8	3.9	8.6	10	e6.0	3.5	2.8
28	1.2	1.1	1.4	1.7	2.1	2.9	4.1	8.8	10	e6.0	3.5	2.8
29	1.2	1.0	1.4	1.7	---	2.8	5.4	8.8	9.8	e5.9	3.4	2.8
30	1.2	1.3	1.4	1.7	---	2.9	5.8	9.6	9.6	e5.9	3.3	2.8
31	1.2	---	e1.3	2.4	---	3.2	---	11	---	e5.9	3.3	---
TOTAL	36.09	39.84	44.8	59.9	57.8	113.9	101.9	210.3	308.9	225.5	133.8	90.4
MEAN	1.16	1.33	1.45	1.93	2.06	3.67	3.40	6.78	10.3	7.27	4.32	3.01
MAX	1.3	2.5	1.8	4.8	2.9	7.6	5.8	11	13	9.1	5.8	3.5
MIN	.99	.87	1.3	1.2	1.7	1.9	2.5	4.2	8.9	5.9	3.3	2.8
AC-FT	72	79	89	119	115	226	202	417	613	447	265	179

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 1995, BY WATER YEAR (WY)

MEAN	2.31	2.58	2.59	2.65	3.00	3.37	3.72	4.95	4.95	3.16	2.34	2.10
MAX	6.03	7.57	6.81	5.76	8.82	7.48	6.38	11.8	19.6	12.6	9.25	6.49
(WY)	1984	1984	1984	1984	1986	1986	1982	1984	1983	1983	1983	1983
MIN	.96	1.06	1.45	1.66	1.61	1.59	1.74	1.40	.83	.65	.54	.67
(WY)	1993	1993	1995	1991	1993	1992	1992	1992	1992	1992	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1976 - 1995	
ANNUAL TOTAL	559.35		1423.13			
ANNUAL MEAN	1.53		3.90		3.15	
HIGHEST ANNUAL MEAN					7.77	1983
LOWEST ANNUAL MEAN					1.26	1992
HIGHEST DAILY MEAN	2.7	Mar 31	13	Jun 4	45	Feb 17 1986
LOWEST DAILY MEAN	.56	Jul 29	.87	Nov 22	.47	Aug 19 1992
ANNUAL SEVEN-DAY MINIMUM	.60	Jul 25	1.1	Oct 8	.49	Jul 29 1992
INSTANTANEOUS PEAK FLOW			17	May 1	58	Feb 17 1986
INSTANTANEOUS PEAK STAGE			2.57	May 1	.00	Feb 17 1986
ANNUAL RUNOFF (AC-FT)	1110		2820		2280	
10 PERCENT EXCEEDS	2.4		8.8		6.0	
50 PERCENT EXCEEDS	1.4		2.9		2.3	
90 PERCENT EXCEEDS	.69		1.2		1.1	

e Estimated

CARSON RIVER BASIN

10311260 VICEE CANYON CREEK NEAR SAGEBRUSH RANCH NEAR CARSON CITY, NV

LOCATION.--(REVISED) Lat 39°11'02", long 119°48'18", in NW $^1/_4$ NW $^1/_4$ sec.12, T.15 N., R.19 E., Carson City, Hydrologic Unit 16050201, on left bank, 0.7 mi southwest of intersection of West Ormsby Boulevard and Combs Canyon Road.

DRAINAGE AREA.--1.83 mi^2.

PERIOD OF RECORD.--December 1983 to September 1985, September 1989 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,000 ft above sea level, from topographic map. Prior to May 24, 1991, at same site but different datum.

REMARKS.--Records poor. No flow many days, most years. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	.00	6.3	9.5	.48	.01	.58	.00
2	.00	.00	.00	.00	.00	.00	.84	7.7	.40	.00	.74	.00
3	.00	.00	.00	.00	.00	.00	1.3	3.7	.38	.00	.65	.00
4	.00	.00	.00	.00	.00	.00	.75	.98	.39	.00	.83	.00
5	.00	.00	.00	.00	.00	.00	.50	.72	.34	.00	.77	.00
6	.00	.00	.00	.00	.00	.00	.55	.54	.28	e.24	.74	.00
7	.00	.00	.00	.00	.00	.00	.57	.40	.30	e.38	.51	.00
8	.00	.00	.00	.00	.00	.00	.54	.38	.20	.00	.35	.00
9	.00	.00	.00	.00	.00	.97	.45	.37	.17	.00	.49	.00
10	.00	.00	.00	.06	.00	7.2	.38	.37	.17	.83	.46	.00
11	.00	.00	.00	.05	.00	.62	.39	.43	.17	e.54	.40	.00
12	.12	.00	.00	.00	.00	.54	.46	.92	.17	e1.0	.24	.00
13	.19	.00	.00	.05	.00	1.3	.90	.40	.19	e.30	.67	.00
14	.22	.00	.00	.13	.00	1.7	.22	.54	.18	e.03	1.5	.00
15	.00	.00	.00	.14	.00	1.4	.21	.49	.24	.18	.72	.00
16	.00	.00	.00	.00	.00	.84	.23	.34	.22	.37	.23	.00
17	.00	.00	.00	.00	.00	.31	.20	.30	.15	e.24	.25	.00
18	.00	.00	.00	.00	.00	.67	3.3	.32	.12	e.49	.00	.00
19	.00	.00	.00	.00	.00	.43	7.3	.37	.13	e.57	.00	.00
20	.00	.00	.00	.00	.00	.70	5.0	.40	.11	e.64	.00	.00
21	.00	.00	.00	.00	.00	.35	1.4	.38	.09	e.35	.00	.00
22	.00	.00	.00	.00	.00	.49	.00	.65	.07	e.95	.00	.00
23	.00	.00	.00	.00	.00	.53	.00	.54	.05	e.65	.00	.00
24	.00	.00	.00	.00	.00	2.3	.00	.43	.04	e.70	.00	.00
25	.00	.00	.00	.00	.00	4.1	.00	.33	.03	e.86	.00	.00
26	.00	.00	.00	.00	.00	3.4	.21	.32	.09	e.78	.00	.00
27	.00	.00	.00	.00	.00	2.1	.86	.33	.36	e.90	.00	.00
28	.00	.00	.00	.00	.00	1.8	1.2	.26	.37	e1.0	.00	.00
29	.00	.00	.00	.00	---	.50	2.6	.28	.23	e.84	.00	.00
30	.00	.00	.00	.00	---	.74	3.0	.32	.13	e1.2	.00	.00
31	.00	---	.00	.00	---	5.0	---	.47	---	e1.2	.00	---
TOTAL	0.53	0.00	0.00	0.43	0.00	37.99	39.66	33.48	6.25	15.25	10.13	0.00
MEAN	.017	.000	.000	.014	.000	1.23	1.32	1.08	.21	.49	.33	.000
MAX	.22	.00	.00	.14	.00	7.2	7.3	9.5	.48	1.2	1.5	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.26	.03	.00	.00	.00
AC-FT	1.1	.00	.00	.9	.00	75	79	66	12	30	20	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1995, BY WATER YEAR (WY)

MEAN	.047	.069	.20	.12	.089	.34	.48	.38	.23	.14	.059	.014
MAX	.22	.21	.70	.61	.43	1.23	1.32	1.08	.85	.49	.33	.10
(WY)	1985	1994	1984	1984	1984	1995	1995	1995	1993	1995	1995	1984
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1990	1991	1993	1990	1991	1994	1991	1990	1990	1990	1990	1989

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1984 - 1995	
ANNUAL TOTAL	20.97		143.72			
ANNUAL MEAN	.057		.39		.15	
HIGHEST ANNUAL MEAN					.39	1995
LOWEST ANNUAL MEAN					.003	1990
HIGHEST DAILY MEAN	2.5	Apr 17	9.5	May 1	9.5	May 1 1995
LOWEST DAILY MEAN	.00	Jan 9	.00	Oct 1	.00	Aug 3 1985
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 9	.00	Oct 1	.00	Aug 3 1985
INSTANTANEOUS PEAK FLOW			16	May 1	16	May 1 1995
INSTANTANEOUS PEAK STAGE			4.39	May 1	5.30	Mar 5 1991
ANNUAL RUNOFF (AC-FT)	42		285		111	
10 PERCENT EXCEEDS	.00		.84		.58	
50 PERCENT EXCEEDS	.00		.00		.00	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated

CARSON RIVER BASIN

10311300 EAGLE VALLEY CREEK AT CARSON CITY, NV

LOCATION.--Lat 39°09'56", long 119°43'23", in SE $^1/_4$ NW $^1/_4$ sec.15, T.15 N. R.20 E., Carson City, Hydrologic Unit 16050201, on left bank, 100 ft downstream from North Edmonds Drive, and 1.1 mi south of intersection with U.S. Highway 50.

DRAINAGE AREA.--34.4 mi^2.

PERIOD OF RECORD.--January 1985 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,620 ft above sea level, from topographic map.

REMARKS.--Records poor. Flows prior to September 1986 included effluent from Carson City Water Treatment Plant. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.08	.15	.40	.20	.66	5.4	1.7	3.2	.36	.15	.07	.12
2	.06	.15	.73	.21	.66	1.2	1.7	1.3	.36	.15	.08	.11
3	.06	.15	.66	.22	.70	21	1.6	.65	.41	.14	.08	.14
4	2.6	.14	.57	.06	.55	1.7	1.9	.50	.86	.14	.09	.11
5	1.6	6.8	.29	.84	.51	1.2	1.6	.49	.33	.13	.10	.12
6	.19	5.7	.24	1.1	.51	1.1	1.6	.76	.26	.14	.08	.13
7	.09	4.7	.19	26	.51	1.1	1.8	.60	.61	.13	.08	.13
8	.07	1.3	.19	2.4	.52	1.1	1.4	.52	.45	.14	.08	.14
9	.08	.33	.19	1.7	.57	29	1.4	.48	.28	.13	.08	.14
10	.09	.60	.24	149	.57	274	1.4	.47	.27	.13	.08	.15
11	.09	.39	.27	12	.55	38	1.1	.47	.24	.13	.08	.16
12	.10	.26	.23	1.5	.57	2.4	1.0	.40	.22	.12	.08	.16
13	.10	.18	.25	1.4	.71	1.8	1.6	.52	.18	.12	.07	.17
14	.10	.16	.29	37	1.7	1.8	1.1	5.2	.17	.12	.07	.14
15	.11	.16	.24	5.1	.74	1.7	.98	8.7	1.2	.12	.07	.14
16	.12	.15	.31	1.4	.71	1.6	.97	.75	2.8	.12	.06	.14
17	.12	.18	.24	1.1	.73	1.5	.94	.45	.33	.11	.06	.14
18	.13	e.20	.22	1.0	.73	3.1	.86	.42	.23	.15	.06	.14
19	.14	e.23	.19	.93	.76	2.6	.78	.42	.30	.19	.07	.14
20	.14	.26	.17	.88	.76	40	1.2	.46	.20	.11	.07	.14
21	.14	.30	.17	.83	.77	8.7	.83	.36	.18	.09	.07	.15
22	.14	.24	.12	.81	.77	6.0	.81	15	.17	.08	.07	.13
23	.15	.21	.16	.83	.71	27	.87	3.3	.17	.08	.07	.13
24	.14	.22	.19	.94	.64	12	.72	5.3	.16	.08	.07	.13
25	.14	.50	.16	1.2	.69	4.0	.63	1.0	.16	.08	.07	.13
26	.14	.71	.16	.90	.66	2.5	.62	.54	3.1	.09	.09	.11
27	.14	e.70	.12	3.7	.73	2.5	.63	.83	.52	.09	.09	.11
28	.13	e.64	.03	1.5	.80	2.3	.75	.76	.22	.10	.11	.11
29	.15	.60	.28	.93	---	2.3	1.1	.93	.16	.09	.10	.12
30	.14	.40	.14	.79	---	2.0	.92	.76	.15	.08	.11	.12
31	.15	---	.18	.71	---	1.8	---	.39	---	.08	.12	---
TOTAL	7.63	26.71	7.82	257.18	19.49	502.4	34.51	55.93	15.05	3.61	2.48	4.00
MEAN	.25	.89	.25	8.30	.70	16.2	1.15	1.80	.50	.12	.080	.13
MAX	2.6	6.8	.73	149	1.7	274	1.9	15	3.1	.19	.12	.17
MIN	.06	.14	.03	.06	.51	1.1	.62	.36	.15	.08	.06	.11
AC-FT	15	53	16	510	39	997	68	111	30	7.2	4.9	7.9

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1995, BY WATER YEAR (WY)

MEAN	2.23	2.40	2.53	4.70	11.4	6.33	2.56	1.83	1.56	.97	.88	1.49
MAX	11.8	7.98	9.46	10.7	91.9	24.5	11.5	9.20	9.67	5.52	3.84	5.52
(WY)	1987	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1987
MIN	.095	.24	.25	.25	.42	.35	.15	.17	.083	.024	.012	.018
(WY)	1991	1991	1995	1994	1991	1988	1994	1992	1994	1988	1988	1988

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1985 - 1995	
ANNUAL TOTAL	142.40		936.81			
ANNUAL MEAN	.39		2.57		2.98	
HIGHEST ANNUAL MEAN					15.7	1986
LOWEST ANNUAL MEAN					.42	1991
HIGHEST DAILY MEAN	24	May 7	274	Mar 10	701	Feb 17 1986
LOWEST DAILY MEAN	.02	Aug 12	.03	Dec 28	.00	Jul 1 1988
ANNUAL SEVEN-DAY MINIMUM	.02	Aug 11	.07	Aug 13	.00	Jul 1 1988
INSTANTANEOUS PEAK FLOW			1020	Mar 10	1110	Feb 19 1986
INSTANTANEOUS PEAK STAGE			8.87	Mar 10	8.87	Mar 10 1995
ANNUAL RUNOFF (AC-FT)	282		1860		2160	
10 PERCENT EXCEEDS	.54		2.3		8.7	
50 PERCENT EXCEEDS	.15		.29		.41	
90 PERCENT EXCEEDS	.04		.09		.07	

e Estimated

CARSON RIVER BASIN

10311400 CARSON RIVER AT DEER RUN ROAD NEAR CARSON CITY, NV

LOCATION.--Lat 39°10'52", long 119°41'40", in SW $^1/_4$ NW $^1/_4$ sec.12, T.15 N. R.20 E., Carson City, Hydrologic Unit 16050202, on right bank, just downstream from Deer Run Road, 500 ft south of Brunswick Road, and 4 mi east of Carson City.

DRAINAGE AREA.--958 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1979 to September 1985, August 1990 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,600 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Many diversions above station for irrigation. Flow slightly regulated by several small reservoirs on tributaries. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of December 1955 is believed to have been approximately 30,000 ft^3/s, based on slope-area measurement made at gaging station 5 mi upstream. Flood of February 1986, discharge approximately 13,000 ft^3/s, gage height 17.38 ft, from rating extension above 17.01 ft.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.1	41	100	121	366	482	722	2290	3400	3130	695	102
2	7.0	43	121	142	415	482	753	3380	3770	3030	639	107
3	4.4	44	170	141	393	552	719	3220	4000	2860	634	99
4	4.0	42	195	141	363	599	723	2360	4040	2740	585	95
5	8.5	44	184	116	357	518	782	2040	4030	2530	582	99
6	15	61	158	156	352	495	842	1760	3900	2550	579	81
7	20	134	142	196	348	492	870	1560	3150	2690	506	69
8	27	178	124	253	339	496	975	1440	2390	2740	523	63
9	29	139	104	299	331	570	853	1410	1960	2760	511	62
10	33	109	112	579	309	2810	759	1390	1910	2640	458	44
11	32	107	112	1190	313	4670	688	1500	2330	2310	400	52
12	35	95	138	541	312	5160	729	1620	2830	1970	395	47
13	30	104	142	397	308	1630	868	1550	3140	1620	378	44
14	34	105	133	602	313	1180	948	1570	3150	1480	363	43
15	33	92	122	853	303	1030	810	1920	3050	1450	348	48
16	34	87	129	549	301	955	745	1900	2730	1500	298	58
17	38	101	130	407	304	862	719	1590	2210	1490	266	82
18	43	90	131	327	287	783	652	1520	2000	1500	253	89
19	65	85	130	304	286	983	610	1680	2170	1450	242	93
20	41	80	125	284	292	968	566	1980	2120	1370	234	90
21	26	102	127	277	315	1450	561	2330	2010	1300	240	80
22	36	117	126	268	345	1110	545	2700	2020	1230	244	76
23	35	91	118	266	368	1000	546	3070	2170	1190	212	e75
24	41	94	125	281	389	950	583	2950	2410	1130	192	e78
25	45	126	135	312	414	891	716	2790	2750	1020	204	e76
26	42	128	136	295	438	858	847	2430	3030	924	204	e83
27	44	101	132	276	446	803	963	2580	3300	861	184	e90
28	48	99	129	282	451	749	1160	2830	3410	839	193	e94
29	44	108	122	277	---	688	1250	2870	3440	860	161	112
30	39	109	121	274	---	659	1810	3050	3310	917	155	135
31	38	---	125	292	---	684	---	3250	---	778	127	---
TOTAL	975.0	2856	4098	10698	9758	35559	24314	68530	86130	54859	11005	2366
MEAN	31.5	95.2	132	345	348	1147	810	2211	2871	1770	355	78.9
MAX	65	178	195	1190	451	5160	1810	3380	4040	3130	695	135
MIN	4.0	41	100	116	286	482	545	1390	1910	778	127	43
AC-FT	1930	5660	8130	21220	19350	70530	48230	135900	170800	108800	21830	4690

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 1995, BY WATER YEAR (WY)

MEAN	142	289	316	375	418	498	650	1305	1188	473	106	63.9
MAX	534	1086	987	1040	1134	1147	1407	2273	4319	1770	669	259
(WY)	1983	1984	1984	1980	1982	1995	1982	1983	1983	1995	1983	1983
MIN	18.5	44.6	57.7	83.4	64.8	146	168	144	23.5	3.75	2.49	.70
(WY)	1991	1991	1991	1991	1991	1992	1994	1992	1992	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1979 - 1995	
ANNUAL TOTAL	40024.64		311148.0			
ANNUAL MEAN	110		852		494	
HIGHEST ANNUAL MEAN					1178	1983
LOWEST ANNUAL MEAN					90.7	1992
HIGHEST DAILY MEAN	748	May 12	5160	Mar 12	6770	May 31 1983
LOWEST DAILY MEAN	.00	Aug 20	4.0	Oct 4	.00	Aug 20 1994
ANNUAL SEVEN-DAY MINIMUM	.00	Aug 31	9.0	Oct 1	.00	Aug 31 1994
INSTANTANEOUS PEAK FLOW			6700	Mar 12	7650	Jan 15 1980
INSTANTANEOUS PEAK STAGE			13.77	Mar 12	13.77	Mar 12 1995
ANNUAL RUNOFF (AC-FT)	79390		617200		357800	
10 PERCENT EXCEEDS	242		2710		1310	
50 PERCENT EXCEEDS	112		366		206	
90 PERCENT EXCEEDS	.80		45		8.8	

e Estimated

CARSON RIVER BASIN

10311400 CARSON RIVER AT DEER RUN ROAD NEAR CARSON CITY, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1980, 1984, 1993 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1994 to September 1995 (discontinued).
WATER TEMPERATURE: October 1994 to September 1995 (discontinued).

INSTRUMENTATION.--Specific conductance and water temperature monitor October 1994 to March 1995, four times per hour; April to September 1995, hourly.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings.In April 1993, station was incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Carson River Basin. Records represent water temperature at probe within 0.5°C

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 535 microsiemens, October 8, 1994; minimum recorded, 44 microsiemens, May 31, 1995.
WATER TEMPERATURE: Maximum recorded, 26.5°C, August 23,1995; minimum recorded, freezing point several days in November, December 1994, and January 1995.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum recorded, 535 microsiemens, October 8; minimum recorded, 44 microsiemens, May 31.
WATER TEMPERATURE: Maximum recorded, 26.5°C, August 23; minimum recorded, freezing point several days in November, December, and January.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)
OCT											
25...	1400	E39	444	8.0	16.5	13.0	650	9.6	107	130	23
NOV											
28...	1330	80	422	8.3	5.5	3.0	655	11.7	101	120	30
DEC											
27...	1130	131	324	7.9	5.0	3.0	650	12.2	106	98	--
JAN											
25...	1300	320	312	7.7	9.5	5.5	640	11.5	109	95	10
FEB											
21...	1315	316	263	8.1	15.5	9.5	650	10.2	105	82	11
MAR											
21...	1430	1480	197	7.9	3.5	5.0	640	10.3	96	64	4

DATE	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)
OCT											
25...	39	8.6	42	2	5.0	134	110	85	16	0.70	21
NOV											
28...	36	7.5	40	2	4.5	111	91	82	20	0.60	24
DEC											
27...	29	6.1	29	1	3.2	--	--	62	12	0.40	22
JAN											
25...	27	6.8	26	1	3.5	104	86	45	14	0.30	23
FEB											
21...	24	5.3	21	1	2.7	86	71	40	9.4	0.30	21
MAR											
21...	18	4.6	14	0.8	0.20	73	60	23	7.1	0.20	19

DATE	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)
OCT											
25...	291	283	--	0.40	--	--	--	--	--	--	--
NOV											
28...	282	271	60.9	0.38	<0.010	0.190	0.060	0.30	0.20	0.090	0.070
DEC											
27...	227	216	80.3	0.31	<0.010	<0.050	<0.015	0.30	<0.20	0.050	0.030
JAN											
25...	212	198	183	0.29	<0.010	0.130	0.050	0.40	0.30	0.070	0.050
FEB											
21...	174	166	148	0.24	<0.010	<0.050	<0.015	0.20	<0.20	0.070	0.050
MAR											
21...	145	123	579	0.20	<0.010	0.110	0.020	0.50	0.30	0.170	0.060

CARSON RIVER BASIN

10311400 CARSON RIVER AT DEER RUN ROAD NEAR CARSON CITY, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C) (00689)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT										
25...	--	130	76	-104.0	-13.4	3.6	0.60	20	E2.1	87
NOV										
28...	0.080	150	83	-107.0	-14.3	2.9	0.60	12	2.6	100
DEC										
27...	0.030	130	56	-108.0	-14.5	2.2	0.60	7	2.5	100
JAN										
25...	0.060	170	36	-107.0	-14.3	4.8	0.80	20	17	97
FEB										
21...	0.050	140	32	-107.0	-14.4	2.8	0.70	15	13	85
MAR										
21...	0.060	81	36	-103.0	-13.6	6.4	2.2	205	819	76

E: Estimated

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	OCTOBER MAX	OCTOBER MIN	OCTOBER MEAN	NOVEMBER MAX	NOVEMBER MIN	NOVEMBER MEAN	DECEMBER MAX	DECEMBER MIN	DECEMBER MEAN	JANUARY MAX	JANUARY MIN	JANUARY MEAN
1	---	---	---	---	---	---	406	370	391	367	349	358
2	---	---	---	---	---	---	390	362	373	414	338	351
3	---	---	---	---	---	---	364	330	340	362	340	349
4	---	---	---	---	---	---	335	312	324	373	341	353
5	---	---	---	---	---	---	354	313	339	408	341	357
6	---	---	---	---	---	---	357	345	350	396	321	343
7	---	---	---	---	---	---	370	349	358	482	315	356
8	535	504	516	---	---	---	384	358	372	336	285	305
9	506	459	485	---	---	---	396	374	384	340	317	335
10	462	418	434	---	---	---	407	379	395	360	222	311
11	---	---	---	---	---	---	416	381	398	315	230	284
12	---	---	---	---	---	---	399	356	377	336	314	321
13	---	---	---	395	368	381	359	348	353	360	334	349
14	---	---	---	396	385	390	356	343	349	363	319	341
15	---	---	---	403	391	397	355	343	349	320	259	282
16	---	---	---	405	393	401	355	339	347	279	259	270
17	---	---	---	393	372	380	352	341	347	306	278	294
18	---	---	---	410	376	384	349	339	343	313	304	309
19	---	---	---	421	384	404	352	337	343	316	309	313
20	---	---	---	438	412	428	346	340	343	327	313	320
21	---	---	---	447	401	425	347	334	340	---	---	---
22	---	---	---	417	395	403	344	336	341	---	---	---
23	---	---	---	457	401	421	354	334	345	---	---	---
24	---	---	---	437	400	417	356	338	347	---	---	---
25	---	---	---	431	400	412	349	333	337	---	---	---
26	---	---	---	444	400	415	340	331	334	---	---	---
27	---	---	---	510	416	453	344	336	339	---	---	---
28	---	---	---	469	404	430	343	334	340	---	---	---
29	---	---	---	440	377	402	348	336	342	---	---	---
30	---	---	---	410	384	398	360	346	353	---	---	---
31	---	---	---	---	---	---	391	347	355	---	---	---
MONTH	---	---	---	---	---	---	416	312	353	---	---	---

10311400 CARSON RIVER AT DEER RUN ROAD NEAR CARSON CITY, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	206	168	186	248	231	243	124	107	114
2	---	---	---	215	198	205	243	221	233	150	108	127
3	---	---	---	223	203	213	252	221	239	128	122	123
4	---	---	---	240	201	215	267	236	253	126	122	124
5	---	---	---	264	220	251	264	220	244	128	123	124
6	---	---	---	226	214	220	263	234	256	137	127	132
7	317	224	254	224	211	218	265	260	263	143	136	140
8	262	246	252	237	210	222	260	250	255	145	138	141
9	274	258	265	257	152	218	251	243	247	146	124	135
10	280	274	277	182	122	159	244	239	241	133	119	127
11	278	259	269	172	123	148	240	235	238	123	103	114
12	284	260	274	173	139	152	240	235	237	109	100	105
13	294	275	285	171	151	161	240	227	235	123	102	113
14	296	281	289	191	170	181	236	224	230	147	123	133
15	---	---	---	201	189	197	235	231	233	200	147	177
16	---	---	---	200	196	199	---	---	---	211	191	200
17	---	---	---	201	195	198	---	---	---	210	152	177
18	---	---	---	205	200	203	---	---	---	154	132	144
19	---	---	---	206	199	203	---	---	---	135	94	118
20	---	---	---	202	199	200	---	---	---	98	68	86
21	269	256	264	209	200	204	---	---	---	74	58	66
22	273	267	270	219	207	213	---	---	---	79	57	64
23	273	256	267	224	217	221	---	---	---	91	75	86
24	256	181	204	230	223	226	---	---	---	86	69	76
25	183	173	179	236	229	233	---	---	---	81	69	77
26	212	170	186	246	234	240	---	---	---	69	57	62
27	177	165	172	255	242	249	---	---	---	59	47	54
28	173	164	168	257	250	255	137	130	134	56	48	50
29	---	---	---	254	248	251	138	130	135	66	55	61
30	---	---	---	248	243	246	132	108	118	57	46	50
31	---	---	---	250	244	246	---	---	---	50	44	47
MONTH	---	---	---	264	122	211	---	---	---	211	44	108

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	71	50	60	84	80	81	---	---	---	---	---	---
2	84	68	78	84	80	82	---	---	---	---	---	---
3	---	---	---	84	79	81	---	---	---	---	---	---
4	---	---	---	85	81	83	---	---	---	---	---	---
5	73	69	71	87	80	84	---	---	---	---	---	---
6	79	73	77	84	78	81	---	---	---	---	---	---
7	87	79	83	83	77	80	---	---	---	---	---	---
8	102	87	94	89	80	85	---	---	---	---	---	---
9	107	102	104	95	89	92	---	---	---	---	---	---
10	109	91	99	100	94	97	---	---	---	---	---	---
11	98	80	88	99	96	97	197	177	188	---	---	---
12	95	78	85	100	97	99	198	190	193	---	---	---
13	92	81	86	106	100	103	202	193	196	---	---	---
14	85	78	83	120	106	113	205	197	200	---	---	---
15	83	82	83	129	120	125	230	202	217	---	---	---
16	90	83	86	133	129	131	250	230	242	---	---	---
17	96	90	93	134	133	134	255	244	250	---	---	---
18	98	91	95	133	121	127	252	246	250	---	---	---
19	95	83	90	122	120	121	263	251	258	---	---	---
20	92	85	88	122	119	120	268	261	265	---	---	---
21	93	86	91	121	119	120	271	260	266	---	---	---
22	95	89	92	121	114	118	267	261	265	---	---	---
23	93	84	89	115	109	112	295	265	278	---	---	---
24	89	82	85	110	107	109	307	294	303	---	---	---
25	91	83	86	111	108	109	308	295	301	---	---	---
26	93	88	90	---	---	---	316	308	313	---	---	---
27	90	86	88	---	---	---	317	305	311	---	---	---
28	91	85	89	---	---	---	318	300	308	---	---	---
29	91	86	89	---	---	---	305	293	299	---	---	---
30	86	82	83	---	---	---	340	303	320	327	308	317
31	---	---	---	---	---	---	356	339	346	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

CARSON RIVER BASIN

10311400 CARSON RIVER AT DEER RUN ROAD NEAR CARSON CITY, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	4.5	.5	2.0	2.0	.5	1.5
2	---	---	---	---	---	---	5.5	2.0	3.5	1.5	.5	1.0
3	---	---	---	---	---	---	5.5	4.0	5.0	2.0	.5	1.0
4	---	---	---	---	---	---	5.0	3.5	4.5	1.0	.0	.5
5	---	---	---	---	---	---	5.5	3.5	4.5	2.0	.0	.5
6	---	---	---	---	---	---	5.5	3.5	4.5	1.5	.0	1.0
7	---	---	---	---	---	---	4.0	2.0	3.0	3.5	.5	2.5
8	16.0	9.5	13.0	---	---	---	2.0	.0	1.5	4.0	2.5	3.5
9	16.5	10.5	13.5	---	---	---	3.0	.0	1.0	5.5	3.5	4.5
10	16.5	11.5	14.0	---	---	---	2.5	.0	.5	6.0	4.0	5.5
11	---	---	---	---	---	---	3.0	.0	1.5	4.0	2.5	3.5
12	---	---	---	---	---	---	4.0	2.0	3.0	4.0	2.5	3.0
13	---	---	---	6.0	3.0	4.0	4.0	2.5	3.0	6.0	3.5	5.0
14	---	---	---	6.0	2.5	3.5	3.0	1.0	2.0	6.0	4.5	5.5
15	---	---	---	4.0	2.0	3.0	3.5	1.5	2.5	4.5	3.0	4.0
16	---	---	---	4.0	2.0	2.5	4.5	2.0	3.0	3.0	2.5	3.0
17	---	---	---	3.5	.5	2.0	4.5	3.0	3.5	2.5	1.5	2.0
18	---	---	---	2.5	.0	1.0	4.5	3.0	3.5	3.5	1.5	2.5
19	---	---	---	2.0	.0	.5	4.0	2.5	3.0	3.0	1.5	2.5
20	---	---	---	3.0	.0	1.0	4.0	2.0	3.0	3.0	1.0	2.0
21	---	---	---	1.5	.0	.5	4.0	2.0	3.0	4.0	1.5	3.0
22	---	---	---	3.0	.0	1.0	3.0	1.0	2.0	4.0	2.5	3.5
23	---	---	---	4.0	.0	1.0	3.0	.5	1.5	5.0	3.0	4.0
24	---	---	---	4.0	.0	1.5	2.0	.5	2.0	5.5	4.0	4.5
25	---	---	---	2.0	.5	1.0	2.5	2.0	2.5	6.0	4.0	5.0
26	---	---	---	2.5	.0	1.0	3.5	2.0	2.5	5.5	4.0	5.0
27	---	---	---	3.0	.0	1.0	3.5	2.5	3.0	4.5	3.5	4.0
28	---	---	---	3.5	.0	1.0	4.0	3.0	3.5	4.5	3.5	4.0
29	---	---	---	3.5	.0	1.5	4.0	2.0	3.5	6.5	4.0	5.0
30	---	---	---	4.0	.0	1.5	4.0	1.5	2.5	7.5	5.0	6.5
31	---	---	---	---	---	---	2.0	.5	1.5	9.0	6.5	8.0
MONTH	---	---	---	---	---	---	5.5	.0	2.8	9.0	.0	3.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.0	7.5	9.0	10.5	7.5	9.0	11.0	9.0	10.0	10.0	8.5	9.0
2	9.0	7.0	8.0	10.0	8.0	9.0	11.0	9.0	10.0	9.5	7.0	8.5
3	7.5	5.5	6.5	8.5	6.5	8.0	11.5	9.0	10.5	11.0	9.0	10.0
4	7.5	5.0	6.5	7.5	4.0	6.0	12.0	10.0	11.0	11.0	9.5	10.5
5	7.5	5.0	6.5	7.5	5.0	6.0	11.5	10.0	11.0	10.5	8.5	9.5
6	7.0	5.0	6.0	8.5	4.5	6.5	11.0	9.0	10.0	9.0	7.5	8.5
7	7.5	4.5	6.0	9.0	5.0	7.5	10.5	9.0	9.5	10.0	7.0	8.0
8	7.5	5.5	6.5	9.0	6.0	8.0	10.0	7.5	9.0	12.0	9.0	10.0
9	8.5	5.5	7.0	8.5	7.5	8.0	8.5	6.5	8.0	10.5	9.5	10.5
10	8.0	5.0	6.5	7.5	4.0	5.5	9.5	6.5	8.0	12.0	8.5	10.0
11	8.0	4.5	6.0	---	---	---	12.0	8.5	10.0	10.5	9.0	10.0
12	7.0	4.0	6.0	---	---	---	12.0	10.0	11.0	10.5	7.5	9.0
13	6.0	3.0	4.5	---	---	---	10.0	8.0	9.0	8.0	6.5	7.5
14	6.0	3.0	4.5	---	---	---	8.0	5.5	7.0	7.0	4.5	5.5
15	6.0	2.0	4.0	---	---	---	7.5	6.5	7.0	10.0	6.5	8.5
16	5.0	2.5	4.0	---	---	---	8.0	6.0	6.5	12.5	9.5	11.0
17	6.5	2.5	5.0	---	---	---	7.5	6.0	6.5	13.0	11.5	12.5
18	8.5	4.0	6.5	---	---	---	9.0	6.0	7.0	14.5	12.0	13.5
19	9.5	5.0	7.5	---	---	---	10.5	6.0	8.5	15.0	12.5	13.5
20	10.0	6.0	8.5	---	---	---	10.0	8.5	9.0	13.5	12.0	12.5
21	11.0	6.5	9.0	---	---	---	11.0	7.0	9.0	12.5	11.0	12.0
22	10.5	6.5	9.0	---	---	---	12.5	7.0	10.0	12.0	9.0	10.5
23	10.5	6.5	9.0	---	---	---	14.5	9.0	12.0	11.5	8.5	10.0
24	10.5	6.5	9.0	---	---	---	15.5	11.0	13.5	11.5	9.0	10.5
25	10.5	7.0	9.0	---	---	---	15.0	12.0	13.5	10.5	8.5	9.5
26	10.0	6.5	8.5	---	---	---	13.0	11.0	12.0	12.0	10.5	11.5
27	9.0	6.5	8.0	---	---	---	11.1	9.5	10.5	12.0	11.0	11.5
28	9.5	7.0	8.5	---	---	---	10.0	8.5	9.0	12.0	10.5	11.5
29	---	---	---	---	---	---	11.0	8.5	9.5	12.0	11.5	12.0
30	---	---	---	---	---	---	9.0	8.0	8.5	13.0	12.0	12.5
31	---	---	---	10.5	8.0	9.0	---	---	---	13.0	12.0	12.5
MONTH	11.0	2.0	7.0	---	---	---	15.5	5.5	9.5	15.0	4.5	10.4

CARSON RIVER BASIN

10311400 CARSON RIVER AT DEER RUN ROAD NEAR CARSON CITY, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	13.0	12.5	12.5	15.0	13.5	14.0	21.5	17.0	19.0	---	---	---
2	12.5	12.0	12.0	15.0	12.5	14.0	21.5	17.5	19.5	---	---	---
3	13.5	11.5	12.5	15.5	13.5	14.5	22.0	17.5	20.0	---	---	---
4	14.0	12.5	13.5	15.5	13.5	14.5	23.0	18.0	20.5	---	---	---
5	13.0	11.0	12.0	16.0	14.0	15.0	23.5	18.5	21.0	---	---	---
6	11.0	8.5	10.0	16.5	15.0	15.5	23.0	19.0	21.0	---	---	---
7	8.5	6.5	7.5	16.0	14.0	15.0	22.0	18.5	20.0	---	---	---
8	10.0	7.0	8.0	15.0	13.5	14.5	21.5	17.0	19.5	---	---	---
9	12.5	9.5	11.0	15.5	13.0	14.5	22.5	17.5	20.0	---	---	---
10	14.0	12.0	13.0	15.5	14.0	15.0	22.0	18.0	20.0	---	---	---
11	13.5	12.5	13.0	15.5	14.0	14.5	22.0	16.5	19.5	---	---	---
12	13.5	12.0	13.0	15.0	14.0	14.0	23.0	17.5	20.5	---	---	---
13	13.0	12.0	12.5	15.0	13.0	14.0	23.0	17.0	20.5	---	---	---
14	12.5	10.0	11.5	16.0	14.0	15.0	24.0	17.5	21.0	---	---	---
15	10.5	8.5	9.5	17.5	15.0	16.0	24.0	18.5	21.5	---	---	---
16	10.5	7.5	9.0	18.0	16.5	17.0	23.0	18.5	21.0	---	---	---
17	11.5	10.0	11.0	17.5	16.0	17.0	22.0	17.0	19.5	---	---	---
18	13.0	10.0	11.5	16.5	14.5	15.5	21.5	16.0	18.5	---	---	---
19	12.5	11.0	11.5	17.5	15.5	16.5	23.0	17.0	20.0	---	---	---
20	12.0	10.5	11.5	18.0	16.0	17.0	24.0	18.5	21.0	---	---	---
21	12.5	10.5	11.5	18.0	17.0	17.5	25.5	20.0	22.5	---	---	---
22	14.0	11.5	12.5	17.5	16.0	17.0	25.0	21.0	23.0	---	---	---
23	14.5	12.5	13.5	18.0	16.0	17.0	26.5	21.5	23.5	---	---	---
24	14.5	13.0	14.0	18.5	16.5	17.5	25.5	20.5	22.5	---	---	---
25	15.0	14.0	14.5	19.0	16.5	18.0	24.5	19.0	21.5	---	---	---
26	14.0	13.0	14.0	19.0	17.0	18.0	24.0	18.5	21.0	---	---	---
27	15.0	12.0	13.5	20.0	16.5	18.0	23.5	18.0	20.0	---	---	---
28	16.0	14.0	15.0	21.0	17.5	19.0	22.0	18.0	19.5	---	---	---
29	15.0	14.0	15.0	20.5	17.5	19.0	22.5	17.0	19.0	---	---	---
30	14.5	13.5	14.0	19.5	17.0	18.5	23.5	17.5	19.5	16.5	12.5	14.0
31	---	---	---	20.0	16.5	18.0	24.5	17.5	20.5	---	---	---
MONTH	16.0	6.5	12.1	21.0	12.5	16.1	26.5	16.0	20.5	---	---	---

CARSON RIVER BASIN

10311700 CARSON RIVER AT DAYTON, NV

LOCATION.--Lat 39°14'16", long 119°35'14", in NE $^1/_4$ SE $^1/_4$ sec.23, T.16 N. R.21 E., Lyon County, Hydrologic Unit 16050202, on left bank, 400 ft downstream from bridge on Dayton Valley Road in Dayton.

DRAINAGE AREA.--1,090 mi^2.

PERIOD OF RECORD.--April 1994 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,350 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records fair. Many diversions above station for irrigation. Flow slightly regulated by several small reservoirs on tributaries. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of December 1955 is believed to have been approximately 30,000 ft^3/s, based on slope-area measurement made near Carson City. Flood of February 1986, discharge approximately 13,000 ft^3/s.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.97	27	92	109	365	360	880	2440	3290	3140	745	67
2	1.1	29	104	120	445	352	936	3340	3600	3030	681	67
3	1.4	29	155	126	434	391	903	3290	3820	2840	647	75
4	1.1	27	183	121	386	464	890	2490	3690	2710	594	56
5	1.2	27	188	110	367	375	952	2170	3690	2570	554	72
6	2.1	40	156	139	357	342	1020	1820	3790	2570	554	58
7	5.8	101	134	170	351	319	1060	1540	3150	2690	513	49
8	13	149	116	239	339	309	1160	1370	2470	2780	493	43
9	17	117	98	290	332	349	1050	1330	1960	2790	498	40
10	18	92	103	520	312	3390	919	1320	1890	2710	429	31
11	16	92	99	1320	310	4880	810	1430	2310	2430	364	30
12	16	86	115	687	310	5250	830	1580	2820	2070	355	31
13	16	88	128	450	304	2220	982	1510	3130	1670	335	27
14	15	84	122	592	303	1590	1130	1520	3160	1450	314	27
15	19	68	115	974	290	1400	961	1960	3150	1390	308	29
16	20	64	120	632	277	1320	874	1950	2780	1430	234	31
17	17	77	120	471	281	1210	830	1550	2280	1450	188	51
18	29	74	121	360	257	1110	739	1450	2020	1490	171	61
19	38	75	117	325	242	1320	676	1640	2220	1410	160	65
20	31	77	116	301	237	1300	615	2010	2250	1360	150	65
21	15	90	117	291	256	1910	591	2370	2110	1290	161	62
22	21	96	118	280	285	1490	561	2720	2080	1230	171	58
23	19	79	113	276	306	1310	536	3100	2210	1200	154	57
24	22	84	115	289	318	1230	568	2940	2450	1130	129	72
25	29	117	127	329	333	1130	689	2810	2770	1040	136	71
26	27	121	131	317	352	1070	858	2480	3080	965	142	74
27	25	87	128	291	356	989	985	2570	3320	905	129	83
28	30	94	126	295	346	913	1180	2770	3410	883	120	89
29	32	102	121	294	---	853	1270	2810	3420	892	108	88
30	29	98	116	282	---	815	1890	2980	3320	956	99	107
31	26	---	115	286	---	818	---	3130	---	894	89	---
TOTAL	553.67	2391	3829	11286	9051	40779	27345	68390	85640	55365	9725	1736
MEAN	17.9	79.7	124	364	323	1315	911	2206	2855	1786	314	57.9
MAX	38	149	188	1320	445	5250	1890	3340	3820	3140	745	107
MIN	.97	27	92	109	237	309	536	1320	1890	883	89	27
AC-FT	1100	4740	7590	22390	17950	80890	54240	135700	169900	109800	19290	3440

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1995, BY WATER YEAR (WY)

MEAN	17.9	79.7	124	364	323	1315	533	1286	1476	894	157	29.0
MAX	17.9	79.7	124	364	323	1315	911	2206	2855	1786	314	57.9
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995
MIN	17.9	79.7	124	364	323	1315	155	366	98.2	1.22	.26	.14
(WY)	1995	1995	1995	1995	1995	1995	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS	FOR 1995 WATER YEAR		WATER YEARS 1994 - 1995	
ANNUAL TOTAL	316090.67			
ANNUAL MEAN	866		866	
HIGHEST ANNUAL MEAN			866	1995
LOWEST ANNUAL MEAN			866	1995
HIGHEST DAILY MEAN	5250	Mar 12	5250	Mar 12 1995
LOWEST DAILY MEAN	.97	Oct 1	.03	Sep 9 1994
ANNUAL SEVEN-DAY MINIMUM	2.0	Oct 1	.06	Sep 5 1994
INSTANTANEOUS PEAK FLOW	6690	Mar 12	6690	Mar 12 1995
INSTANTANEOUS PEAK STAGE	10.40	Mar 12	10.40	Mar 12 1995
ANNUAL RUNOFF (AC-FT)	627000		627400	
10 PERCENT EXCEEDS	2710		2210	
50 PERCENT EXCEEDS	339		156	
90 PERCENT EXCEEDS	30		.33	

CARSON RIVER BASIN

10312000 CARSON RIVER NEAR FORT CHURCHILL, NV

LOCATION.--Lat 39°17'30", long 119°18'40", in SW $^1/_4$ SE $^1/_4$ sec.32, T.17 N., R.24 E., Lyon County, Hydrologic Unit 16050202, on right bank, 400 ft downstream from Buckland ditch, 2 mi west of Fort Churchill, and 4.5 mi upstream from Weeks Bridge on U.S. Highway 95 alternate.

DRAINAGE AREA.--1,302 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1911 to current year.

REVISED RECORDS.--WSP 1514: 1917; WDR NV-79-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 4,219.70 ft above sea level. Prior to April 25, 1924, nonrecording gage at site 7.8 mi upstream at different datum. April 25, 1924, to December 31, 1933, water-stage recorder at site 8 mi upstream at different datum. January 1, 1934, to September 30, 1957, water-stage recorder at present site at datum 1.36 ft higher (levels by Truckee-Carson Irrigation District). Prior to July 8, 1986, water-stage recorder at site 50 ft upstream at datum 5.0 ft higher.

REMARKS.--Records good except for estimated daily discharges, which are fair. Many diversions for irrigation above station, including diversions for 720 acres between present site and sites used prior to January 1, 1934. Buckland ditch diverts 400 ft upstream for irrigation downstream from station. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.11	6.6	94	103	399	347	1040	1940	3090	3120	915	93
2	.16	6.8	91	102	515	349	1000	2860	3310	2970	822	81
3	.05	7.1	106	116	547	354	960	3030	3510	2790	761	79
4	.09	7.5	141	120	507	428	885	2400	3550	2590	750	77
5	.30	8.6	164	121	483	416	889	1960	3550	2420	710	71
6	.41	13	157	112	472	361	983	1710	3660	2420	674	74
7	.29	23	139	133	467	329	1130	1500	3360	2320	652	69
8	.22	67	122	169	449	345	1140	1350	2670	2350	e430	67
9	.16	96	109	217	429	418	1080	1260	2150	2330	e380	65
10	.14	81	102	286	411	1590	927	1260	1910	2420	e340	62
11	.11	69	108	997	393	4530	837	1280	2180	2390	e312	59
12	.14	70	96	966	382	5460	814	1420	2720	2020	305	57
13	.29	64	111	589	373	4040	889	1470	3160	1690	301	55
14	.35	72	114	546	363	2610	1060	1410	3220	1370	285	46
15	.39	79	109	934	349	2350	1010	1640	3150	1300	277	43
16	.41	72	107	856	323	2150	924	1830	2960	1290	220	43
17	.44	71	109	644	318	1960	870	1640	2430	1250	181	44
18	.49	78	110	515	311	1970	817	1460	2100	1270	161	51
19	.52	74	109	446	281	2130	742	1510	2120	1300	151	52
20	.55	71	107	418	268	2150	683	1700	2250	1210	142	52
21	.64	73	106	392	266	2450	640	2030	2120	1100	142	59
22	.77	83	107	382	283	2280	617	2340	2030	1010	148	62
23	.81	97	111	369	303	1910	587	2770	2100	954	145	63
24	1.1	81	108	369	314	1800	594	2820	2300	884	131	64
25	1.2	87	109	398	320	1640	618	2940	2620	795	125	67
26	1.0	107	115	425	330	1520	783	2880	2940	712	131	63
27	1.3	106	116	396	340	1410	900	2810	3260	650	130	65
28	2.0	86	116	385	334	1290	1060	2980	3490	608	118	68
29	2.7	88	112	385	---	1180	1200	3060	3500	605	108	72
30	4.7	96	109	374	---	1090	1390	3110	3340	646	99	85
31	6.1	---	105	366	---	1040	---	2940	---	826	97	---
TOTAL	27.94	1940.6	3519	12631	10530	51897	27069	65310	84750	49610	10143	1908
MEAN	.90	64.7	114	407	376	1674	902	2107	2825	1600	327	63.6
MAX	6.1	107	164	997	547	5460	1390	3110	3660	3120	915	93
MIN	.05	6.6	91	102	266	329	587	1260	1910	605	97	43
AC-FT	55	3850	6980	25050	20890	102900	53690	129500	168100	98400	20120	3780

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1911 - 1995, BY WATER YEAR (WY)

MEAN	59.2	172	266	312	379	398	551	1077	955	250	33.6	16.4
MAX	481	1653	2540	1487	2378	1674	1475	2923	4141	1600	613	238
(WY)	1983	1951	1951	1914	1986	1995	1916	1969	1983	1995	1983	1983
MIN	.000	.54	44.4	72.4	65.1	36.6	7.41	38.6	4.80	.000	.000	.000
(WY)	1925	1960	1960	1961	1991	1961	1977	1977	1992	1924	1924	1923

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1911 - 1995	
ANNUAL TOTAL	34135.03		319335.54			
ANNUAL MEAN	93.5		875		368	
HIGHEST ANNUAL MEAN					1111	1983
LOWEST ANNUAL MEAN					36.3	1977
HIGHEST DAILY MEAN	669	May 13	5460	Mar 12	13400	Feb 19 1986
LOWEST DAILY MEAN	.00	Sep 3	.05	Oct 3	.00	Aug 27 1923
ANNUAL SEVEN-DAY MINIMUM	.00	Sep 3	.19	Oct 7	.00	Aug 27 1923
INSTANTANEOUS PEAK FLOW			6290	Mar 12	16600	Feb 19 1986
INSTANTANEOUS PEAK STAGE			10.43	Mar 12	13.35	Feb 19 1986
ANNUAL RUNOFF (AC-FT)	67710		633400		266300	
10 PERCENT EXCEEDS	195		2610		1020	
50 PERCENT EXCEEDS	83		382		167	
90 PERCENT EXCEEDS	.11		11		.03	

e Estimated

10312000 CARSON RIVER NEAR FORT CHURCHILL, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1960 to current year (published as Carson River near Silver Springs, station 10312020, October 1962 to September 1970).

PERIOD OF DAILY RECORD.--
CHEMICAL ANALYSES: October 1962 to September 1969.
SPECIFIC CONDUCTANCE: October 1962 to June 1970, once-daily; February 1972 to September 1982, once-daily; October 1994 to September 1995, four times per hour.
WATER TEMPERATURE: October 1962 to June 1970, once-daily; February 1972 to September 1982, once-daily; October 1994 to September 1995, four times per hour.

INSTRUMENTATION.--Specific conductance and water temperature monitor October 1994 to September 1995, four times per hour.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. In November 1993, station was incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality condition in the Carson River Basin. Records represent water temperture at probe within 0.5°C. Water-quality data are collected from river at gage, or from Buckland Ditch, which leaves river 400 ft upstream from gage, depending on discharge. Detailed sampling information is available from U.S. Geological Survey, Carson City, Nev. Discharge data do not include ditch flow. Water-quality measurements were collected at U.S. Highway Alternate 95 and Fort Churchill, depending on flow conditions (U. S. Alternate 95*, Fort Churchill #).

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum measured, 840 microsiemens, September 13, 1973; minimum recorded, 59 microsiemens, May 29, 30, 1995.
WATER TEMPERATURE: Maximum measured, 29.0°C, August 7, 1972; minimum recorded, freezing point on many days during winter months of most years.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum recorded, 654 microsiemens, October 30, 31; minimum recorded, 59 microsiemens, May 29,30.
WATER TEMPERATURE: Maximum recorded, 26.0°C, August 21-25; minimum recorded, freezing point on many days November to January.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
10-26-94	1000	E2.8	628	7.8	14.0	10.0	660	7.8	80
11-29-94	1000	85	459	8.1	2.0	1.5	665	12.2	100
12-28-94	1145	115	410	8.1	6.0	2.5	655	11.9	102
01-26-95	1000	427	336	7.7	6.5	4.5	655	11.2	101
02-22-95	1015	249	307	7.8	10.5	8.5	660	10.2	101
03-22-95	1000	1920	225	8.4	7.0	4.5	650	10.7	97

DATE	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
10-26-94	210	54	59	15	56	2	5.5	189	155	140
11-29-94	150	45	44	9.4	39	1	4.3	126	103	93
12-28-94	120	--	35	7.3	32	1	3.3	--	--	78
01-26-95	100	18	30	7.0	27	1	3.5	104	86	53
02-22-95	92	11	27	5.9	24	1	3.1	98	80	51
03-22-95	67	7	19	4.7	15	0.8	2.8	73	60	27

DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)
10-26-94	20	0.50	25	410	414	--	0.56	--	--	--
11-29-94	16	0.50	25	307	294	70.5	0.42	<0.010	0.180	<0.015
12-28-94	13	0.40	22	261	250	81.0	0.35	<0.010	<0.050	<0.015
01-26-95	13	0.30	23	224	209	258	0.30	<0.010	0.130	<0.015
02-22-95	11	0.30	19	199	190	134	0.27	<0.010	<0.050	<0.015
03-22-95	7.3	0.20	19	158	132	819	0.21	<0.010	0.120	<0.015

10312000 CARSON RIVER NEAR FORT CHURCHILL, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)
10-26-94	--	--	--	--	--	1	<1	5	54	<1
11-29-94	0.20	<0.20	0.070	0.060	0.060	--	--	--	--	--
12-28-94	<0.20	<0.20	0.020	0.020	0.020	--	--	--	--	--
01-26-95	0.40	0.20	0.070	0.050	0.050	--	--	--	--	--
02-22-95	0.30	<0.20	0.070	0.040	0.050	--	--	--	--	--
03-22-95	0.50	0.30	0.150	0.060	0.070	--	--	--	--	--

DATE	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)
10-26-94	<1.0	<1	<1	1	11	<1	220	8	3	<1
11-29-94	--	--	--	--	56	--	21	--	--	--
12-28-94	--	--	--	--	64	--	20	--	--	--
01-26-95	--	--	--	--	130	--	15	--	--	--
02-22-95	--	--	--	--	110	--	17	--	--	--
03-22-95	--	--	--	--	150	--	11	--	--	--

DATE	SILVER, DISSOLVED (UG/L AS AG) (01075)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C) (00689)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
10-26-94	<1.0	<1	-105.0	-12.7	7.0	1.9	0.30	10	E.08	77
11-29-94	--	--	-107.0	-13.8	--	2.5	0.50	6	1.4	97
12-28-94	--	--	-108.0	-14.3	--	2.1	0.50	7	2.2	92
01-26-95	--	--	-107.0	-14.3	--	3.9	0.70	23	27	99
02-22-95	--	--	-106.0	-14.0	--	2.6	0.60	17	11	83
03-22-95	--	--	-104.0	-13.6	--	4.8	10	272	1410	74

E: Estimated

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	628	612	617	453	437	445	414	407	411
2	---	---	---	615	609	611	454	436	446	413	408	411
3	---	---	---	615	608	612	450	417	441	414	403	409
4	---	---	---	615	602	608	418	378	399	403	385	392
5	---	---	---	603	589	595	378	359	369	393	385	388
6	---	---	---	591	575	585	376	353	360	393	386	391
7	---	---	---	575	553	563	394	376	386	391	365	378
8	---	---	---	555	480	532	403	391	396	405	346	363
9	---	---	---	481	401	427	418	401	411	371	297	325
10	---	---	---	401	374	384	436	414	425	324	298	315
11	---	---	---	385	374	380	443	429	436	325	262	296
12	---	---	---	400	384	392	447	432	440	297	264	278
13	---	---	---	420	399	410	444	426	435	345	297	324
14	---	---	---	430	417	424	429	406	417	376	345	364
15	---	---	---	446	429	435	408	403	406	379	305	350
16	---	---	---	459	444	451	406	402	404	305	251	263
17	---	---	---	459	454	457	408	401	404	296	260	273
18	590	578	584	458	451	455	407	400	403	322	296	316
19	592	581	587	454	442	447	406	400	403	315	304	310
20	600	590	595	454	440	445	408	400	403	314	306	309
21	602	587	596	465	454	458	407	402	404	315	301	308
22	593	579	586	468	460	465	406	399	404	302	291	296
23	632	582	602	476	451	465	405	397	400	305	286	293
24	640	629	634	463	448	454	404	398	401	313	292	300
25	642	627	634	463	451	458	408	401	404	335	313	324
26	644	628	637	454	431	439	408	394	401	343	333	338
27	633	627	630	451	432	440	395	391	393	339	321	333
28	652	630	637	469	437	452	400	392	396	321	296	301
29	653	644	648	480	459	468	403	398	400	304	277	288
30	654	644	649	481	452	466	407	402	404	320	278	295
31	654	625	643	---	---	---	415	404	410	358	320	341
MONTH	---	---	---	628	374	480	454	353	408	414	251	332

CARSON RIVER BASIN

10312000 CARSON RIVER NEAR FORT CHURCHILL, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	368	357	363	241	234	237	---	---	---	---	---	---
2	368	338	354	263	240	252	---	---	---	---	---	---
3	338	302	322	274	262	269	---	---	---	---	---	---
4	---	---	---	281	264	271	---	---	---	---	---	---
5	---	---	---	304	260	276	---	---	---	---	---	---
6	---	---	---	323	303	315	---	---	---	---	---	---
7	278	270	275	303	290	293	---	---	---	---	---	---
8	274	269	271	296	290	293	---	---	---	---	---	---
9	277	268	273	297	289	292	---	---	---	155	137	148
10	279	272	276	289	161	247	---	---	---	155	137	145
11	278	272	274	212	173	192	---	---	---	148	135	139
12	284	272	278	209	178	190	---	---	---	139	122	127
13	300	283	292	265	207	244	---	---	---	127	118	123
14	302	294	298	279	259	271	---	---	---	150	125	136
15	306	295	300	281	272	277	---	---	---	194	141	160
16	297	282	286	278	260	269	---	---	---	209	146	186
17	296	286	291	265	257	261	---	---	---	180	157	170
18	301	286	293	270	265	268	---	---	---	157	152	155
19	299	283	291	277	236	266	---	---	---	152	144	148
20	297	289	293	240	222	230	---	---	---	150	95	127
21	307	295	302	246	218	231	---	---	---	130	81	93
22	311	305	308	249	226	237	---	---	---	84	67	74
23	---	---	---	253	248	251	---	---	---	122	70	102
24	---	---	---	273	249	263	---	---	---	129	73	95
25	---	---	---	293	272	282	---	---	---	126	82	109
26	---	---	---	296	291	293	---	---	---	123	76	98
27	---	---	---	298	294	296	---	---	---	86	65	77
28	---	---	---	296	290	293	---	---	---	66	60	63
29	---	---	---	292	283	288	---	---	---	63	59	61
30	---	---	---	284	279	282	---	---	---	100	59	81
31	---	---	---	283	275	281	---	---	---	116	79	107
MONTH	---	---	---	323	161	265	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	109	80	104	112	100	106	---	---	---	417	393	405
2	105	94	103	117	105	111	---	---	---	434	413	425
3	109	101	105	119	110	114	---	---	---	447	430	439
4	115	84	104	118	110	114	---	---	---	446	438	442
5	109	92	102	117	106	111	---	---	---	462	434	449
6	100	92	96	119	108	113	---	---	---	462	438	449
7	107	98	102	110	103	107	---	---	---	450	434	442
8	118	106	112	110	96	104	---	---	---	459	444	451
9	131	118	126	103	95	99	---	---	---	466	450	457
10	133	122	130	99	92	95	---	---	---	484	461	472
11	122	101	113	105	87	96	---	---	---	493	473	484
12	101	86	93	115	98	107	---	---	---	506	485	495
13	104	86	97	136	108	120	249	245	247	504	488	496
14	93	86	90	149	136	142	255	246	252	515	493	503
15	89	84	87	180	146	161	260	250	256	522	505	512
16	96	86	92	189	156	179	285	250	268	521	512	516
17	104	93	99	192	166	183	310	284	295	518	505	512
18	113	103	108	193	163	186	323	310	315	513	489	503
19	107	91	102	---	---	---	329	317	322	493	481	486
20	102	85	93	---	---	---	339	325	332	487	476	482
21	105	92	98	---	---	---	345	338	342	479	455	466
22	107	92	98	---	---	---	346	333	340	463	454	458
23	101	89	94	---	---	---	343	333	337	467	457	461
24	95	83	88	---	---	---	358	336	346	477	462	470
25	90	77	83	---	---	---	379	357	370	477	460	466
26	98	76	88	---	---	---	384	367	376	463	453	458
27	93	85	90	---	---	---	381	362	372	461	446	453
28	99	85	93	---	---	---	390	377	383	450	433	439
29	99	86	92	---	---	---	399	385	391	439	429	433
30	107	94	102	---	---	---	404	393	398	438	424	433
31	---	---	---	---	---	---	403	393	398	---	---	---
MONTH	133	76	99	---	---	---	---	---	---	522	393	465

10312000 CARSON RIVER NEAR FORT CHURCHILL, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	10.5	7.5	9.0	4.5	1.5	3.0	2.5	.5	1.0
2	---	---	---	9.0	6.5	8.0	6.5	2.5	4.0	1.5	.0	.5
3	---	---	---	7.0	4.0	5.5	6.5	4.0	5.0	1.5	.0	.5
4	---	---	---	5.5	3.0	4.5	6.5	4.5	5.0	.5	.0	.5
5	---	---	---	8.0	5.5	6.5	5.5	3.0	4.5	3.0	.0	1.0
6	---	---	---	10.0	7.0	8.5	6.0	3.0	4.5	3.5	.5	2.0
7	---	---	---	9.5	7.5	8.5	5.5	2.5	3.5	4.5	1.5	3.0
8	---	---	---	10.5	6.5	8.0	2.5	.5	1.5	4.0	2.5	3.0
9	---	---	---	10.5	7.5	8.5	2.0	.0	.5	6.5	3.0	4.5
10	---	---	---	7.5	5.5	6.0	1.5	.0	.5	7.0	5.5	6.0
11	---	---	---	8.0	5.0	6.0	2.0	.0	.5	5.5	4.0	4.5
12	---	---	---	8.0	4.5	6.5	3.5	1.0	2.5	4.0	2.5	3.5
13	---	---	---	6.5	2.5	4.5	4.5	2.5	3.0	5.5	3.0	4.0
14	---	---	---	6.0	1.5	3.5	2.5	1.0	1.5	6.5	5.0	5.5
15	---	---	---	6.5	2.0	4.0	4.0	1.0	2.0	5.0	4.0	4.5
16	---	---	---	4.5	2.0	3.0	4.5	1.0	2.5	4.0	2.5	3.0
17	---	---	---	2.0	1.0	1.5	4.5	2.0	3.0	3.0	1.5	2.5
18	15.0	5.0	9.5	3.5	.0	1.5	5.0	1.5	3.0	3.5	2.0	2.5
19	16.0	6.0	10.5	3.5	.0	1.5	4.5	1.0	3.0	3.5	1.5	2.5
20	16.5	7.5	11.5	3.5	.0	1.5	4.5	1.5	3.0	3.0	1.5	2.5
21	16.5	7.0	11.5	3.0	1.0	2.0	5.0	1.0	2.5	4.5	2.0	3.0
22	15.5	7.5	11.0	4.0	.5	2.0	3.5	.5	2.0	3.5	2.5	3.0
23	15.5	8.0	11.0	3.0	.0	1.0	3.5	.0	1.5	5.5	3.0	4.0
24	16.0	9.0	12.0	4.5	.5	2.5	3.0	1.0	2.0	6.5	4.0	5.0
25	15.5	9.5	12.0	4.5	1.0	2.5	3.0	1.5	2.0	6.5	5.0	5.5
26	15.5	10.0	12.0	3.5	.5	1.5	4.0	1.5	3.0	6.0	4.5	5.0
27	14.5	10.5	12.0	3.0	.0	1.5	3.5	1.5	2.5	4.5	3.5	4.0
28	13.5	9.5	11.5	4.0	.5	2.0	3.0	1.5	2.5	5.0	3.5	4.5
29	11.5	8.0	10.5	4.5	.5	2.0	4.0	2.5	3.5	6.0	4.5	5.0
30	10.5	6.0	8.5	5.0	1.0	2.5	5.0	2.0	3.0	7.0	5.5	6.0
31	11.0	6.0	8.5	---	---	---	2.0	.0	1.0	9.5	6.5	7.5
MONTH	---	---	---	10.5	.0	4.2	6.5	.0	2.6	9.5	.0	3.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.0	7.5	8.5	11.5	8.5	10.0	10.0	9.5	9.5	---	---	---
2	10.0	7.0	8.5	11.0	9.0	10.0	10.5	10.0	10.0	---	---	---
3	9.0	6.5	8.0	11.5	7.5	9.5	11.0	10.5	10.5	---	---	---
4	8.5	5.5	7.5	8.5	5.5	7.0	11.5	11.0	11.5	---	---	---
5	8.5	5.5	7.0	8.0	5.5	6.5	12.5	11.5	12.0	---	---	---
6	7.5	5.5	6.5	9.0	5.0	7.0	12.0	10.5	11.5	---	---	---
7	9.0	5.5	7.5	9.5	5.5	7.5	12.5	9.5	11.0	---	---	---
8	8.0	6.5	7.5	9.5	7.5	8.5	10.5	8.0	9.5	---	---	---
9	9.5	6.5	8.0	10.0	8.5	9.5	9.5	7.0	8.5	12.5	10.5	11.5
10	9.0	6.0	7.5	8.5	5.5	7.5	10.5	6.5	8.5	13.0	10.0	11.5
11	9.0	5.5	7.0	6.0	4.5	5.5	12.0	8.5	10.5	14.0	11.0	12.0
12	8.0	5.0	6.5	7.5	5.5	6.5	13.5	10.0	12.0	12.5	9.0	11.0
13	7.0	4.5	5.5	8.0	7.0	7.5	12.5	9.0	10.0	10.5	8.5	9.0
14	7.5	4.0	5.5	8.0	7.5	7.5	9.5	7.5	8.0	9.5	7.5	8.5
15	7.0	3.0	5.0	9.0	8.0	8.5	8.0	6.5	7.5	10.5	6.5	8.5
16	5.5	3.5	4.5	9.0	8.5	9.0	8.0	6.5	7.0	13.5	9.0	11.0
17	6.5	3.5	5.0	9.0	8.5	9.0	9.5	6.0	7.5	15.5	12.0	13.5
18	9.0	4.5	6.5	9.0	9.0	9.0	---	---	---	16.5	13.0	14.5
19	10.0	5.5	8.0	9.0	8.5	9.0	---	---	---	17.0	13.5	15.5
20	11.0	6.5	8.5	8.5	8.0	8.0	---	---	---	16.5	13.5	15.5
21	11.5	7.5	9.5	8.0	7.0	7.5	---	---	---	15.5	12.5	14.0
22	12.0	8.0	10.0	7.0	6.0	6.5	---	---	---	14.5	11.5	12.5
23	11.5	8.0	9.5	6.0	5.5	5.5	---	---	---	12.5	10.0	11.5
24	12.0	8.0	10.0	5.5	5.0	5.0	---	---	---	12.5	10.5	11.5
25	12.0	8.0	10.0	5.5	5.0	5.5	---	---	---	12.0	9.5	11.0
26	11.0	8.0	9.5	6.0	5.5	6.0	---	---	---	14.5	10.5	12.0
27	10.0	7.5	9.0	7.0	6.0	6.5	---	---	---	14.0	11.5	13.0
28	10.5	8.0	9.5	7.0	7.0	7.0	---	---	---	14.5	11.0	13.0
29	---	---	---	7.5	7.0	7.0	---	---	---	15.5	11.5	13.5
30	---	---	---	8.5	7.5	7.5	---	---	---	16.0	12.0	14.0
31	---	---	---	9.5	8.5	8.5	---	---	---	16.0	13.0	14.5
MONTH	12.0	3.0	7.7	11.5	4.5	7.6	---	---	---	---	---	---

CARSON RIVER BASIN

10312000 CARSON RIVER NEAR FORT CHURCHILL, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	15.5	13.5	14.5	16.5	14.0	15.0	---	---	---	25.0	18.0	21.5
2	14.0	11.5	12.5	16.5	14.0	15.5	---	---	---	23.0	19.0	21.0
3	15.5	12.0	13.5	17.5	14.5	16.0	---	---	---	25.0	18.5	21.5
4	16.5	13.5	15.0	18.0	14.5	16.5	---	---	---	24.5	18.0	21.0
5	15.5	13.0	14.0	18.0	14.5	16.5	---	---	---	23.5	16.0	19.5
6	13.5	10.5	11.5	18.5	15.5	17.0	---	---	---	23.5	16.5	19.5
7	11.0	9.0	9.5	18.0	15.0	16.5	---	---	---	23.0	16.0	19.5
8	10.5	7.5	9.0	17.5	15.0	16.0	---	---	---	23.0	15.5	19.0
9	14.0	9.0	11.5	16.5	13.5	15.5	---	---	---	24.0	16.0	20.0
10	16.5	12.0	14.0	17.5	14.5	16.0	---	---	---	24.5	16.5	20.5
11	17.0	13.5	15.0	17.0	14.0	15.5	---	---	---	24.5	16.5	20.5
12	16.5	12.5	14.5	16.0	14.0	15.0	---	---	---	24.0	16.5	20.5
13	16.0	12.5	14.0	17.0	13.5	15.5	23.5	18.5	21.0	24.0	16.0	20.0
14	15.0	12.5	13.0	18.0	14.5	16.0	25.0	19.0	22.0	24.0	16.0	20.0
15	13.0	10.5	11.0	19.5	16.0	17.5	24.5	20.0	22.0	23.5	17.0	20.5
16	11.5	8.5	10.0	20.5	17.0	19.0	23.5	18.5	21.0	21.5	17.0	19.5
17	13.0	10.0	11.5	20.0	17.5	18.5	23.0	17.5	20.0	22.5	15.5	19.0
18	14.5	11.0	13.0	18.0	16.5	17.0	23.0	16.0	19.5	23.0	16.0	19.5
19	15.0	11.0	13.5	19.0	15.5	17.0	24.0	16.5	20.0	23.5	16.5	20.0
20	14.5	11.0	13.0	19.0	17.0	18.0	25.0	18.0	21.5	23.0	17.0	20.0
21	15.0	11.0	13.0	20.0	17.0	18.5	26.0	19.5	22.5	20.0	16.0	18.5
22	16.0	12.0	14.0	19.5	16.5	18.5	26.0	20.5	23.0	19.5	15.0	17.5
23	17.0	13.0	15.5	19.5	16.5	18.0	26.0	21.0	23.0	21.0	15.0	18.0
24	17.5	13.5	16.0	20.5	16.5	18.5	26.0	20.5	23.0	20.5	15.0	18.0
25	18.0	14.0	16.0	21.0	17.0	19.0	26.0	19.0	22.0	20.0	15.5	17.5
26	17.5	15.0	15.5	21.0	17.0	19.0	25.0	18.0	21.0	20.0	14.5	17.0
27	16.0	13.5	14.5	22.0	18.0	20.0	24.5	17.5	21.0	19.0	14.0	16.5
28	17.5	14.5	16.0	24.5	18.5	20.5	23.5	17.0	20.0	18.0	14.0	16.0
29	17.5	15.0	16.5	23.5	18.0	20.5	23.5	16.5	19.5	18.0	13.0	15.5
30	16.5	14.5	15.5	22.5	17.0	19.5	24.5	16.5	20.0	17.5	12.5	15.0
31	---	---	---	21.5	17.5	19.5	25.0	16.0	21.0	---	---	---
MONTH	18.0	7.5	13.5	24.5	13.5	17.5	---	---	---	25.0	12.5	19.1

CARSON RIVER BASIN

10312100 LAHONTAN RESERVOIR NEAR FALLON, NV

LOCATION.--Lat 39°27'45", long 119°04'00", in SW $^1/_4$ SE $^1/_4$ sec.33, T.19 N., R.26 E., Churchill County, Hydrologic Unit 16050202, in outlet control house on upstream side of Lahontan Dam on Carson River, 18 mi west of Fallon.

DRAINAGE AREA.--1,799 mi^2, (not including inflow from Truckee Canal).

PERIOD OF RECORD.--January 1917 to current year. Monthly contents only for January 1917 to September 1960, published in WSP 1734.

REVISED RECORDS.--WDR NV-79-1: Drainage area.

GAGE.--Float tape with surface contact detector. Prior to 1956, float tape. Datum of gage is above sea level. Prior to 1966, at datum 3.73 ft lower (Bureau of Reclamation datum).

REMARKS.--Reservoir is formed by earth and gravel-fill dam, constructed by U.S. Bureau of Reclamation. Storage began sometime between the completion of the dam in June 1915 and the beginning of the period of record, January 1917. Capacity, 295,500 acre-ft between elevations, 4,060.0 ft, invert of outlet conduit, and 4,162.0 ft, spillway crest; includes 91 acre-ft of dead storage below elevation, 4,070 ft. Surface area at spillway elevation, 13,470 acres. Water is used for irrigation of 87,500 acres in Newland Project and for power. Figures given herein represent total contents and are computed from 0800 hour readings, based on capacity table dated March 9, 1989. Reservoir stores water from Carson River and from Truckee River via Truckee Canal at Derby Dam. Inflow is regulated by Lake Tahoe (station 10337000), Donner Lake (station 10338400), Prosser Creek (station 10340300), Stampede (station 10344300), Boca (station 10344490), other reservoirs, and Derby Dam. Extensive irrigation above reservoir in Carson and Truckee River basins. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

COOPERATION.--Records of daily elevations furnished by Truckee-Carson Irrigation District.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed (20-inch flashboard on weir), 328,600 acre-ft, June 16, 1942, elevation, 4,164.43 ft; minimum observed, 91 acre-ft, September 7-9, 1929, elevation, 4,070.0 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 316,300 acre-ft, July 25, elevation, 4,163.46 ft; minimum observed, 5,530 acre-ft, October 3, elevation, 4,091.88 ft.

Capacity table, (elevation, in feet, and contents, in acre-feet)

4,090	4,350	4,115	34,990	4,140	122,800
4,095	7,960	4,120	46,150	4,145	150,800
4,100	12,760	4,125	59,780	4,150	183,600
4,105	18,840	4,130	76,650	4,155	222,800
4,110	26,120	4,135	97,990	4,160	270,700

RESERVOIR STORAGE (AC-FT), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	6690	13100	---	70440	110100	---	223700	260200	305200	313000	260400
2	---	6760	13990	---	---	111600	---	225200	262100	306700	---	---
3	5530	---	---	---	71820	113500	205700	228100	264400	307400	311600	---
4	5570	6800	---	28960	74040	---	206900	---	267300	308500	310700	---
5	5620	---	15170	---	---	---	---	236500	270000	309600	309800	---
6	5650	---	15720	29870	79360	119100	208900	240700	272700	310200	308400	253500
7	5660	6980	---	---	---	121000	209800	244400	275900	310500	307100	---
8	---	7030	16810	---	83020	123000	---	245600	278800	311100	305700	250800
9	---	7090	---	31610	84540	124500	211400	246900	280000	312000	304300	249700
10	5820	---	17350	---	86120	125800	212600	247700	280100	312600	303200	248300
11	---	---	---	33450	---	125800	213400	248300	279000	313500	---	247000
12	---	---	19130	---	---	---	214000	248700	278200	314100	298900	245600
13	5920	---	19740	37710	---	144500	214900	249300	278200	313800	296700	---
14	5940	---	---	---	91430	154800	215800	250300	279500	313800	294800	---
15	5980	8200	20360	---	92710	160300	216500	250800	281500	313600	293100	240800
16	6030	---	20980	---	---	164900	216800	250900	284600	313200	291400	---
17	6070	8680	---	---	---	168700	218800	251100	286800	313300	---	---
18	6120	---	---	48510	95390	---	220000	251300	287900	313600	287100	236000
19	6150	---	---	51150	---	---	221300	250900	287200	314100	285300	---
20	---	---	22270	---	---	177000	222500	250100	286600	314800	283600	233100
21	6220	9650	22380	54650	99870	179700	222800	249500	287500	315300	281700	231300
22	---	9910	---	---	101000	182600	223000	249400	288100	315400	---	---
23	---	10170	23920	---	102000	---	223400	250500	288700	315600	278600	228600
24	6380	---	---	59310	103100	188300	223400	252100	289700	316000	276700	227200
25	---	---	---	61540	---	188300	223000	254200	290900	316300	274800	225800
26	6470	---	---	62810	---	---	222500	255600	292700	316000	272500	224300
27	6520	---	---	64180	107200	194900	222100	256300	294900	315900	270100	222800
28	---	---	---	---	108600	196800	221800	256500	297800	315300	268500	221500
29	---	12670	26060	---	---	198600	222200	257100	300600	315000	266500	220400
30	---	13100	26880	68060	---	200100	222800	258000	303200	313800	264300	219300
31	---	---	---	---	---	201500	---	259100	---	313300	262400	---
MAX	---	---	---	---	---	---	---	---	303200	316300	---	---
MIN	---	---	---	---	---	---	---	---	260200	305200	---	---

CARSON RIVER BASIN

10312150 CARSON RIVER BELOW LAHONTAN RESERVOIR, NEAR FALLON, NV

LOCATION.--Lat 39°27'50", long 119°02'45", in E $^1/_2$ SE $^1/_4$ sec.34, T.19 N., R.26 E., Churchill County, Hydrologic Unit 16050203, on right bank, 1.1 mi downstream from Lahontan Dam, and 15 mi west of Fallon.

DRAINAGE AREA.--1,801 mi^2, excludes inflow from Truckee Canal.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1966 to current year.

REVISED RECORDS.--WDR NV-79-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4,040 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records good except daily discharges below 10.0 ft^3/s, which are fair. Flow regulated by Lahontan Reservoir (station 10312100), capacity 295,100 acre-ft, and other upstream regulations. One diversion, approximately 2,500 acre-ft per year, between gage and Lahontan Reservoir. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	.46	.62	.26	1.4	1.6	7.2	908	2220	2300	969	810
2	1.6	.53	.47	.26	1.4	1.5	8.5	884	2240	2300	973	797
3	1.4	.53	.52	.29	1.3	1.8	31	994	2240	2250	944	647
4	1.4	.47	.55	.29	1.3	1.8	340	941	2240	2020	918	411
5	1.3	.43	.53	.33	1.3	1.6	189	319	2250	2010	880	400
6	1.0	.39	.60	.33	1.2	1.6	248	527	2240	1910	812	558
7	1.0	.36	.66	.36	1.1	1.7	432	548	2250	1870	787	601
8	.90	.36	.66	.39	1.3	2.0	490	643	2260	2020	913	603
9	.87	.49	.66	.44	1.4	2.3	371	827	2250	2070	936	614
10	.81	.73	.60	.56	1.3	2.5	348	836	2240	2040	1090	627
11	.76	.67	.59	.68	1.3	2.3	341	986	2250	1970	929	613
12	.73	.76	.59	.66	1.3	2.2	481	1050	2270	1920	977	642
13	.67	.78	.59	.66	1.2	2.2	468	1220	2190	1710	943	714
14	.65	.72	.59	.72	1.1	2.0	468	1420	2060	1490	854	765
15	.59	.73	.59	.73	1.1	1.6	498	1570	2030	1310	788	786
16	.56	.78	.59	.78	.99	.73	316	1670	2030	1190	763	793
17	.41	.89	.59	.84	.90	.75	7.3	1710	2030	1150	735	804
18	.24	.85	.61	.81	.90	.81	49	1680	2030	1110	714	815
19	.26	.78	.66	.81	.90	.88	50	1770	2030	972	652	786
20	.26	.72	.66	.90	.95	.99	121	1820	1910	847	615	782
21	.26	.64	.64	.90	1.0	.99	324	1970	1740	804	595	799
22	.28	.50	.59	.90	1.1	1.1	413	2030	1670	805	600	823
23	.31	.47	.59	.90	1.1	1.2	495	2010	1480	740	699	771
24	.35	.45	.60	.90	1.1	1.3	542	2060	1440	703	733	754
25	.38	.71	.68	1.0	1.5	1.4	695	2240	1440	738	739	761
26	.42	.81	.73	1.0	1.6	1.4	759	2290	1500	855	770	806
27	.44	.81	.73	1.1	1.4	1.6	802	2320	1640	867	791	803
28	.42	.77	.77	1.1	1.5	1.9	772	2290	1740	885	795	741
29	.45	.75	.81	1.1	---	2.6	779	2280	1900	968	858	704
30	.43	.77	.58	1.3	---	3.2	863	2250	2080	865	867	661
31	.42	---	.24	1.3	---	4.5	---	2240	---	859	800	---
TOTAL	21.17	19.11	18.89	22.60	33.94	54.05	11708.0	46303	59890	43548	25439	21191
MEAN	.68	.64	.61	.73	1.21	1.74	390	1494	1996	1405	821	706
MAX	1.6	.89	.81	1.3	1.6	4.5	863	2320	2270	2300	1090	823
MIN	.24	.36	.24	.26	.90	.73	7.2	319	1440	703	595	400
AC-FT	42	38	37	45	67	107	23220	91840	118800	86380	50460	42030

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1995, BY WATER YEAR (WY)

MEAN	314	124	60.7	105	152	255	674	935	1036	969	843	603
MAX	802	639	861	1235	883	1392	1453	1560	2147	1745	1285	1111
(WY)	1984	1983	1984	1984	1970	1986	1986	1969	1983	1983	1983	1983
MIN	.47	.50	.49	.61	.91	1.29	195	426	514	352	.74	.63
(WY)	1993	1993	1993	1993	1993	1992	1991	1977	1992	1992	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1967 - 1995	
ANNUAL TOTAL	103187.57		208248.76			
ANNUAL MEAN	283		571		507	
HIGHEST ANNUAL MEAN					1066	1983
LOWEST ANNUAL MEAN					181	1992
HIGHEST DAILY MEAN	1060	Apr 22	2320	May 27	3160	Jun 23 1983
LOWEST DAILY MEAN	.24	Oct 18	.24	Oct 18	.24	Oct 18 1994
ANNUAL SEVEN-DAY MINIMUM	.28	Oct 18	.28	Oct 18	.28	Oct 18 1994
INSTANTANEOUS PEAK FLOW			2430	May 25	2970	Jun 28 1983
INSTANTANEOUS PEAK STAGE			7.46	Jul 3	8.05	Jun 28 1983
ANNUAL RUNOFF (AC-FT)	204700		413100		367600	
10 PERCENT EXCEEDS	749		2010		1050	
50 PERCENT EXCEEDS	3.2		7.2		490	
90 PERCENT EXCEEDS	.59		.51		1.9	

10312150 CARSON RIVER BELOW LAHONTAN RESERVOIR, NEAR FALLON, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1967 to 1983, March 1994 to October 1995.

REMARKS.--In April 1994, station was incorporated into the Stillwater Environmental Monitoring Program to gage environmental changes that may occur as a result of change in management of irrigation water of the Newlands Irrigation Project.

WATER-QUALITY DATA, FEBRUARY TO OCTOBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)
FEB 1995												
28...	1605	1.5	527	8.5	13.0	14.5	656	9.8	112	176	5	153
APR												
17...	1405	6.1	386	9.1	12.0	12.5	665	--	--	93	14	99
MAY												
15...	1230	1620	322	8.0	12.5	12.0	657	9.7	105	96	--	79
JUN												
16...	1015	2027	236	7.8	20.0	15.5	652	9.4	110	79	--	64
JUL												
19...	1200	957	186	7.7	21.5	18.0	656	6.6	82	70	--	57
AUG												
17...	1200	734	163	8.3	20.0	20.0	657	7.6	98	63	--	52
SEP												
14...	1020	772	159	7.8	25.5	20.0	661	3.7	46	69	--	56
OCT												
30...	1350	339	159	7.5	23.5	15.0	652	6.4	74	74	--	61

CARSON RIVER BASIN

10312180 CARSON LAKE DRAIN ABOVE CARSON LAKE NEAR FALLON, NV

LOCATION.--Lat 39°20'36", long 118°44'36", in NE $^1/_4$ NE $^1/_4$ sec.17, T.17 N., R.29 E., Churchill County, Hydrologic Unit 16050203, on right bank, 30 ft upstream from Bureau of Reclamation gage, about 0.5 mi south of Canvasback Duck Club, and about 8.9 mi southeast of Fallon.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1986 to 1989, February to October 1995.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: February 1994 to current year.
WATER TEMPERATURE: February 1994 to current year.

INSTRUMENTATION.--Specific conductance and water temperature monitor February 1994 to current year, hourly.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. In April 1994, station was incorporated into the Stillwater Environmental Monitoring Program to gage environmental changes that may occur as a result of change in management of irrigation water of the Newlands Irrigation Project. Records represent water temperature at probe within 0.5°C.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 6,280 microsiemens, April 15, 1995; minimum daily, 385 microsiemens, June 19, 1994.
WATER TEMPERATURE: Maximum recorded, 29.0°C, May 11, 25, August 4, 10, 1994 August 4, 1995; minimum daily, freezing point, February 19, 21, 23, 1994.

EXTREMES FOR CURRRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum recorded, 6,270 microsiemens, April 15; minimum recorded, 393 microsiemens, June 20.
WATER TEMPERATURE: Maximum recorded, 27.0°C, April 4; minimum, freezing point several days November to April.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
FEB 1995									
27...	1310	2.1	1420	8.8	18.0	14.5	665	19.2	217
APR									
12...	1350	4.1	929	8.4	20.0	16.0	660	13.0	153
MAY									
01...	1030	16	693	8.2	--	13.5	655	8.0	90
JUN									
07...	1140	16	740	7.9	12.0	13.5	657	9.7	108
JUL									
14...	0855	26	693	7.6	20.0	19.0	661	2.9	36
AUG									
08...	1150	10	1100	8.1	28.5	19.5	661	9.3	118
SEP									
21...	0920	16	889	7.7	25.0	15.0	668	4.6	52
OCT									
26...	0924	12	1310	7.9	10.5	9.5	662	7.3	74

DATE	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BORON, DIS-SOLVED (UG/L AS B) (01020)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)
FEB 1995								
27...	325	24	306	892	110	1800	70	46
APR								
12...	239	4	202	582	120	1300	60	30
MAY								
01...	210	--	172	430	40	740	50	21
JUN								
07...	225	--	185	456	33	710	40	15
JUL								
14...	211	--	173	446	39	730	40	24
AUG								
08...	324	--	266	730	41	1200	50	25
SEP								
21...	278	--	228	--	--	--	--	--
OCT								
26...	293	--	240	830	58	1700	70	38

CARSON RIVER BASIN

10312180 CARSON LAKE DRAIN ABOVE CARSON LAKE NEAR FALLON, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1320	1090	1180	1280	1240	1260	1590	1110	1320	1320	1190	1260
2	1270	1090	1160	1340	1210	1280	1340	1190	1250	1470	1320	1380
3	1260	1080	1150	1320	1260	1290	1240	1170	1200	1430	1370	1390
4	1280	1080	1150	1280	1170	1250	1180	1150	1160	1370	1290	1320
5	1230	1060	1140	1280	1200	1230	1160	1130	1140	1310	1250	1280
6	1270	1090	1160	1250	1210	1240	1220	1130	1180	1360	1240	1320
7	1310	1080	1150	1240	1200	1220	1200	1160	1180	1350	1300	1330
8	1100	881	1020	1260	1210	1240	1230	1080	1170	1350	1330	1340
9	1190	906	1030	1220	1210	1210	1600	1130	1270	1370	1340	1350
10	1290	994	1130	1290	1200	1230	1690	1330	1420	1380	1340	1360
11	1330	1050	1180	1330	1270	1310	1500	1240	1350	1390	1370	1380
12	1530	1180	1390	1270	1240	1250	1400	1230	1270	1360	1170	1310
13	1290	1180	1240	1280	1090	1160	1320	1180	1240	1300	1190	1270
14	1230	1160	1210	1300	1170	1220	1260	1200	1230	1310	1200	1260
15	1240	1150	1190	1240	1180	1200	1280	1210	1230	1310	1230	1260
16	1210	1140	1170	1220	1180	1200	1270	1220	1230	1290	1230	1260
17	1260	1150	1190	1230	1040	1160	1300	1230	1250	1350	1130	1270
18	1240	1160	1200	1240	981	1110	1360	1200	1280	1350	1270	1310
19	1260	1130	1200	1380	890	1100	1460	1260	1330	1400	1130	1290
20	1210	1110	1160	1220	1050	1150	1460	1260	1310	1410	1160	1310
21	1230	1150	1180	1320	1160	1220	1440	1260	1300	1320	1280	1310
22	1240	1170	1200	1250	1030	1170	1450	1270	1310	1350	1290	1320
23	1260	1190	1220	1450	1050	1210	1390	1270	1330	1370	1330	1350
24	1280	1190	1220	1230	1160	1170	1470	1240	1320	1380	1340	1360
25	1300	1210	1250	1240	1180	1210	1340	1280	1310	1380	1360	1370
26	1290	1190	1220	1230	1170	1200	1290	1230	1260	1380	1360	1370
27	1280	1170	1210	1220	1140	1170	1290	1230	1260	1360	1330	1350
28	1310	1210	1250	1200	1130	1150	1290	1230	1250	1390	1340	1370
29	1300	1230	1260	1210	1110	1140	1250	1230	1240	1360	1300	1340
30	1280	1210	1260	1390	1060	1200	1240	1220	1230	1620	1380	1500
31	1260	1250	1260	---	---	---	1280	1190	1240	1410	1350	1380
MONTH	1530	881	1190	1450	890	1200	1690	1080	1260	1620	1130	1330

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1390	1350	1370	1540	1430	1490	---	---	---	938	682	838
2	1380	1350	1360	1510	1440	1460	---	---	---	1040	653	846
3	1380	1340	1360	1500	1400	1450	---	---	---	851	568	690
4	1390	1350	1370	1430	1350	1390	---	---	---	793	544	620
5	1390	1350	1370	1410	1350	1380	---	---	---	698	512	615
6	1390	1360	1380	1390	1310	1340	---	---	---	724	676	711
7	1410	1390	1400	2220	1390	1780	---	---	---	678	658	670
8	1530	1410	1470	---	---	---	---	---	---	681	659	671
9	1530	1440	1480	---	---	---	---	---	---	720	667	686
10	1450	1400	1440	---	---	---	---	---	---	723	697	710
11	1460	1430	1440	---	---	---	---	---	---	746	720	732
12	1460	1430	1450	---	---	---	---	---	---	727	708	719
13	1470	1450	1470	---	---	---	1850	1180	1480	799	711	754
14	1540	1450	1480	---	---	---	2670	1850	2080	1030	794	868
15	1790	1460	1580	---	---	---	6270	1260	2540	970	808	858
16	1600	1510	1550	---	---	---	2220	1010	1260	827	799	808
17	1520	1450	1480	---	---	---	1930	1090	1280	805	776	792
18	1470	1430	1450	---	---	---	1470	621	860	779	685	737
19	1470	1430	1450	---	---	---	660	527	573	717	689	704
20	1480	1420	1450	---	---	---	1270	660	1110	751	710	739
21	1470	1410	1450	---	---	---	1930	1200	1480	728	668	698
22	1460	1430	1450	---	---	---	2840	1360	1940	778	670	680
23	1500	1440	1460	---	---	---	3470	971	1280	697	678	688
24	1470	1420	1450	---	---	---	1050	629	832	700	687	692
25	1470	1400	1430	---	---	---	954	491	738	707	692	698
26	1460	1380	1430	---	---	---	1030	715	790	712	695	703
27	1480	1400	1440	---	---	---	935	757	845	757	700	728
28	1470	1410	1440	---	---	---	868	603	754	816	771	814
29	---	---	---	---	---	---	1250	481	743	835	808	821
30	---	---	---	---	---	---	1260	584	808	845	822	832
31	---	---	---	---	---	---	---	---	---	843	826	834
MONTH	1790	1340	1440	---	---	---	---	---	---	1040	512	741

CARSON RIVER BASIN

10312180 CARSON LAKE DRAIN ABOVE CARSON LAKE NEAR FALLON, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	841	830	834	1800	912	1400	---	---	---	1370	728	902
2	830	804	821	1570	1290	1370	---	---	---	947	677	786
3	804	783	791	1990	834	1270	---	---	---	1120	684	936
4	791	777	783	1390	667	990	---	---	---	1140	1070	1110
5	776	763	769	1180	694	989	---	---	---	2200	1090	1270
6	766	760	764	860	707	784	---	---	---	1420	867	1090
7	907	763	785	2120	939	1500	---	---	---	1080	784	899
8	1760	720	1010	2060	870	1340	---	---	---	838	655	734
9	1510	669	822	927	818	851	---	---	---	973	661	782
10	1340	507	635	1540	845	1140	---	---	---	1190	825	977
11	1140	720	842	1710	1030	1420	2360	560	826	1080	816	949
12	1190	496	726	1980	788	1010	918	551	745	1310	960	1110
13	768	496	555	1200	696	843	2230	705	1050	1120	880	921
14	749	541	608	1250	715	829	885	554	706	1060	743	864
15	1540	487	712	1140	772	961	1310	677	943	733	673	697
16	728	442	590	2820	607	1220	895	626	702	987	695	752
17	637	464	511	962	537	695	1930	761	1130	1020	779	847
18	496	425	446	1140	483	786	1420	650	810	878	804	839
19	569	435	478	1410	827	1100	1090	618	754	1010	822	902
20	587	393	507	1140	532	868	843	721	775	929	807	843
21	723	396	536	1650	602	1160	978	844	924	1280	891	1020
22	656	542	602	907	611	816	1040	964	996	1270	927	1050
23	1100	543	687	1370	499	947	1640	934	1070	1040	842	918
24	1460	712	964	1510	915	1170	1390	753	950	1040	864	930
25	1170	647	883	1530	456	738	829	564	669	1810	970	1330
26	1480	828	1130	1160	761	913	930	593	719	963	840	906
27	897	554	653	1280	677	846	1100	698	876	865	726	774
28	1180	624	761	957	823	881	1500	665	869	826	711	739
29	1290	616	885	---	---	---	795	663	710	915	790	833
30	1260	631	959	---	---	---	1030	513	606	1040	885	918
31	---	---	---	---	---	---	962	685	818	---	---	---
MONTH	1760	393	735	---	---	---	---	---	---	2200	655	921

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	18.5	12.5	15.5	10.0	4.5	7.5	5.5	.0	2.0	.5	.0	.0
2	19.0	13.0	15.5	9.5	4.5	7.0	8.5	.5	3.5	.5	.0	.0
3	15.5	11.0	13.5	8.5	2.0	4.5	6.0	2.5	4.0	.5	.0	.0
4	14.5	11.0	12.5	4.5	.5	2.5	6.5	2.5	4.0	.0	.0	.0
5	14.5	11.0	12.5	7.0	3.5	5.0	7.5	1.0	4.0	2.0	.0	.5
6	17.0	10.5	13.0	10.5	6.0	8.0	8.5	1.0	4.0	2.5	.0	1.0
7	16.5	9.5	12.5	9.5	7.0	8.0	6.0	.0	2.5	7.5	.5	3.0
8	16.5	9.5	13.0	11.5	5.5	8.0	1.0	.0	.5	7.5	1.5	4.0
9	17.0	9.5	13.0	12.0	6.0	8.0	.5	.0	.0	9.0	3.0	5.5
10	17.0	10.5	13.5	7.0	5.0	6.0	.0	.0	.0	11.0	5.0	7.0
11	17.5	10.5	13.5	8.5	4.5	6.0	.5	.0	.0	9.0	2.0	5.0
12	15.5	11.0	13.0	7.0	3.5	5.0	2.5	.0	.5	6.5	2.5	4.5
13	13.5	10.0	11.5	8.5	1.0	4.0	5.0	.0	1.5	10.0	4.0	6.5
14	10.5	8.5	9.5	7.0	.0	2.5	2.0	.0	.5	8.5	3.5	5.5
15	9.5	6.5	8.0	6.5	.5	3.0	3.5	.0	1.0	8.0	2.5	4.5
16	9.5	5.5	7.0	4.0	.5	2.0	5.0	.0	1.5	8.0	1.0	3.5
17	11.0	4.0	7.5	1.5	.0	.5	2.5	.0	.5	4.5	.0	1.5
18	13.0	5.0	8.5	3.0	.0	1.0	4.5	.0	1.0	6.0	.0	2.0
19	13.5	5.5	9.5	1.0	.0	.0	2.0	.0	.5	5.0	.0	1.5
20	14.0	6.5	10.0	1.0	.0	.0	2.5	.0	.5	5.0	.0	2.0
21	14.0	6.5	10.0	3.0	.0	1.0	2.5	.0	.5	8.5	1.5	4.0
22	14.0	6.5	10.0	5.0	.0	1.0	.5	.0	.0	5.5	.0	2.5
23	14.0	6.0	10.0	1.5	.0	.5	1.0	.0	.0	7.5	2.5	4.5
24	15.0	7.0	10.5	4.0	.0	1.0	.5	.0	.5	9.5	2.5	5.0
25	15.0	6.5	10.5	6.0	.0	2.5	2.5	.5	1.5	7.0	4.5	5.5
26	14.5	7.5	10.5	6.0	.0	2.0	5.5	.0	2.5	7.5	2.5	5.0
27	15.0	8.5	11.0	1.5	.0	.5	5.0	.5	2.5	5.5	1.5	3.5
28	15.5	7.0	10.5	2.5	.0	.5	3.5	1.0	2.5	8.5	3.5	5.5
29	13.5	6.0	9.0	3.0	.0	1.0	4.5	2.0	3.0	11.0	5.0	7.0
30	12.0	3.5	7.0	5.0	.0	1.5	6.0	.0	2.5	11.5	5.5	8.0
31	12.0	3.5	7.0	---	---	---	.0	.0	.0	13.5	7.0	9.5
MONTH	19.0	3.5	10.9	12.0	.0	3.3	8.5	.0	1.5	13.5	.0	3.8

10312180 CARSON LAKE DRAIN ABOVE CARSON LAKE NEAR FALLON, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	13.0	7.0	9.5	17.5	8.0	11.5	19.5	6.5	10.5	20.5	12.5	16.0
2	15.0	4.0	8.5	16.0	7.5	11.0	24.0	2.5	11.5	19.5	11.0	14.5
3	13.5	3.0	7.5	16.0	4.5	9.5	26.5	2.5	13.0	21.0	9.5	16.0
4	13.5	2.5	7.0	14.5	1.5	7.0	27.0	5.0	13.0	21.0	11.5	15.0
5	13.5	1.5	6.5	14.0	3.0	7.0	20.0	4.5	11.5	14.0	10.5	12.0
6	10.5	1.5	6.0	15.5	.5	7.0	17.5	7.0	11.0	13.5	9.5	11.0
7	14.0	3.5	8.0	17.0	.0	7.5	21.0	6.0	11.5	15.5	10.0	13.0
8	8.5	.0	6.5	13.5	5.0	8.5	19.0	2.5	8.5	19.5	11.5	15.0
9	12.5	5.0	8.5	13.0	6.0	9.0	19.5	.0	7.5	17.5	12.5	15.0
10	13.0	2.5	7.0	12.5	7.0	8.5	24.5	.0	10.0	21.5	11.0	15.5
11	13.0	2.0	6.5	19.0	6.5	11.0	23.5	4.5	12.5	19.5	11.5	15.0
12	13.0	1.5	6.0	19.5	5.5	11.0	18.5	7.5	12.0	17.0	10.5	13.5
13	11.0	1.5	5.0	17.5	6.0	11.0	11.0	5.0	8.5	14.0	10.5	12.0
14	11.5	1.0	5.0	18.0	8.5	12.0	18.5	2.5	9.0	16.0	10.0	12.5
15	10.0	.0	3.5	22.0	6.5	12.0	14.0	2.5	8.5	17.0	11.0	13.5
16	8.0	.0	3.5	19.0	5.5	10.5	8.5	4.0	6.5	21.0	10.5	15.5
17	12.0	.5	5.5	19.5	3.0	10.5	14.5	4.0	9.0	22.5	13.0	17.5
18	15.0	2.0	7.5	13.5	4.5	9.0	10.5	8.0	9.0	23.0	14.0	18.0
19	16.0	2.0	8.0	18.5	1.5	9.5	14.5	6.5	10.5	24.0	15.0	19.0
20	16.5	2.5	8.5	16.0	6.5	10.0	11.5	5.0	9.0	24.0	15.0	19.0
21	17.0	3.5	9.0	14.0	3.0	7.5	21.0	2.0	10.5	22.5	15.0	18.5
22	17.0	3.5	9.0	15.5	.0	6.0	22.5	4.0	12.5	16.5	14.0	15.5
23	17.5	3.5	9.5	17.0	1.0	7.5	19.5	8.0	14.0	18.5	13.0	15.5
24	18.0	4.0	10.0	10.5	1.0	5.0	21.0	8.5	14.5	17.5	13.5	15.0
25	18.0	4.5	10.0	14.5	.5	5.5	22.0	9.5	15.5	18.5	12.5	15.0
26	17.0	4.5	10.0	19.0	.0	6.5	22.5	10.0	16.0	21.5	13.5	17.5
27	16.0	5.0	10.0	21.0	.0	8.0	20.0	10.0	15.0	23.0	16.0	19.0
28	16.5	7.0	11.0	17.5	.5	7.5	19.5	11.5	15.5	23.0	15.0	19.0
29	---	---	---	20.5	.0	8.5	19.5	11.0	14.5	24.0	15.5	19.5
30	---	---	---	24.0	1.0	10.5	21.0	11.0	15.5	25.0	16.0	20.5
31	---	---	---	26.0	2.0	12.5	---	---	---	25.0	17.5	21.0
MONTH	18.0	.0	7.6	26.0	.0	9.0	27.0	.0	11.5	25.0	9.5	16.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22.0	17.5	20.0	22.0	18.5	20.5	24.5	18.0	21.5	23.0	18.0	21.0
2	19.5	17.0	18.0	23.5	17.0	20.0	22.5	19.0	21.0	23.5	19.5	21.5
3	22.0	15.0	18.5	21.0	17.0	19.5	23.0	19.0	21.0	22.5	19.5	21.5
4	25.0	17.0	20.0	21.0	19.5	20.0	26.5	17.0	21.5	24.5	19.0	21.5
5	18.5	16.0	17.5	21.5	19.5	20.5	23.0	18.0	21.0	23.0	17.5	20.0
6	16.5	13.5	15.0	19.5	17.0	18.5	24.5	18.5	21.0	23.0	16.5	19.5
7	16.0	12.5	14.0	21.5	17.5	19.5	24.5	18.5	20.5	22.5	17.5	20.0
8	16.5	13.0	14.5	21.5	18.0	20.0	23.0	19.0	21.0	24.0	16.0	20.0
9	20.5	13.5	17.0	22.0	20.0	21.0	24.0	19.0	21.0	22.5	17.0	19.5
10	22.0	16.0	19.0	23.5	19.0	21.5	23.5	20.0	22.0	22.5	17.0	20.0
11	23.0	17.5	20.0	24.0	18.5	21.5	22.5	17.0	19.5	23.0	17.5	20.0
12	22.0	16.5	19.5	25.0	19.5	21.0	25.5	16.5	21.0	23.0	17.0	19.5
13	21.5	17.0	19.0	23.0	17.5	20.5	23.0	18.5	21.0	22.5	17.0	20.0
14	19.0	15.5	17.0	24.5	19.0	21.5	24.0	19.5	21.5	22.5	17.5	20.0
15	15.0	13.5	14.5	22.5	20.5	21.5	24.5	19.5	22.5	22.5	18.0	20.5
16	17.0	11.5	14.0	23.5	20.5	22.0	25.0	18.5	21.5	23.5	18.0	20.5
17	17.0	14.0	15.5	23.0	19.5	21.5	22.0	18.0	20.0	21.0	16.0	19.0
18	18.5	15.0	16.5	22.5	20.5	21.5	23.5	16.5	19.5	21.0	16.5	19.0
19	18.5	14.5	16.5	23.5	20.5	22.0	22.5	17.5	20.0	21.5	16.5	19.0
20	18.0	14.5	16.0	23.0	20.5	22.0	24.5	17.5	21.0	22.0	17.5	19.5
21	18.5	14.0	16.5	24.0	19.0	21.5	25.5	20.5	23.0	19.0	15.5	17.5
22	20.5	15.5	18.0	23.0	20.0	21.5	25.5	21.5	23.5	18.^	15.0	16.5
23	22.0	16.5	19.5	22.5	18.5	20.5	24.5	21.5	23.0	20.0	16.0	18.0
24	22.0	18.0	20.5	24.0	19.0	21.5	24.5	20.5	22.5	20.0	16.0	18.0
25	24.0	16.5	20.0	22.0	18.5	21.0	23.5	20.0	22.0	19.0	15.5	17.5
26	21.5	17.5	19.5	23.0	19.5	21.5	25.0	19.5	22.5	19.0	15.0	17.5
27	20.0	16.5	18.5	23.5	20.5	22.5	22.5	18.5	20.5	20.0	14.5	17.5
28	22.0	17.5	20.5	25.0	19.0	22.5	23.5	18.0	20.5	21.5	13.5	17.0
29	24.0	17.5	20.5	24.0	19.5	21.5	24.5	16.0	20.0	18.5	13.0	15.5
30	23.0	20.0	22.0	24.0	21.5	23.0	23.5	18.0	21.0	17.0	12.0	14.5
31	---	---	---	25.5	20.0	22.5	23.5	17.5	20.5	---	---	---
MONTH	25.0	11.5	17.9	25.5	17.0	21.1	26.5	16.0	21.2	24.5	12.0	19.0
YEAR	27.0	.0	11.9									

10312180 CARSON LAKE DRAIN ABOVE CARSON LAKE NEAR FALLON, NV--Continued

Water-quality measurements in the following table were made as part of the Stillwater Environmental Monitoring program in the Fallon area, western Nevada. The following analyses are quality-assurance samples processed during the 1995 sampling period and are defined in the section Water Quality-Control Data (page 25).

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	QUALITY ASSURANCE SAMPLE (TYPE)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BORON, DIS-SOLVED (UG/L AS B) (01020)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)
AUG 1995 08...	1138	FIELD BLANK	<1	<1	10	<10	<1

CARSON RIVER BASIN

10312182 LOWER DIAGONAL DRAIN AT PASTURE ROAD NEAR FALLON, NV

LOCATION.--Lat 39°24'08", long 118°43'28", in SE $^1/_4$ SE $^1/_4$ sec.21, T.18 N., R.29 E., Churchill County, Hydrologic Unit 16050203, at Berney and Pasture Road, 1.5 mi southwest of Fallon Naval Air Station control tower, 3.0 mi east of U.S. Highway 95, and 5.8 mi southeast of Fallon.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1988, 1994 to current year.

REMARKS.--In April 1994, station was incorporated into the Stillwater Environmental Monitoring Program to gage environmental changes that may occur as a result of change in management of irrigation water of the Newlands Irrigation Project.

WATER-QUALITY DATA, FEBRUARY TO OCTOBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
FEB 1995									
27...	1554	0.16	2750	8.7	21.0	17.5	665	15.0	182
APR									
13...	1155	0.92	1270	8.9	16.5	13.0	658	15.1	167
MAY									
02...	1000	4.6	787	8.5	--	9.0	660	11.1	111
JUN									
07...	1315	48	441	7.9	14.0	15.0	657	9.8	113
JUL									
10...	1435	40	477	8.1	32.0	21.0	663	9.9	128
AUG									
08...	1410	27	436	7.9	--	20.0	659	8.3	106
SEP									
18...	1135	22	842	7.9	28.5	18.0	665	7.4	90
OCT									
23...	1245	15	893	8.0	10.0	11.0	660	11.5	121
23...	1246	15	893	8.0	10.0	11.0	660	11.5	121

DATE	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BORON, DIS-SOLVED (UG/L AS B) (01020)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)
FEB 1995								
27...	466	31	434	1920	110	4300	70	210
APR								
13...	314	24	297	834	100	1600	70	60
MAY								
02...	257	4	211	534	50	880	60	31
JUN								
07...	142	--	116	260	19	370	10	9
JUL								
10...	161	--	132	302	27	410	30	12
AUG								
08...	164	--	134	293	27	390	20	11
SEP								
18...	298	--	244	--	--	--	--	--
OCT								
23...	321	--	263	610	75	1000	70	24
23...	321	--	263	610	--	980	70	24

10312182 LOWER DIAGONAL DRAIN AT PASTURE ROAD NEAR FALLON, NV--Continued

Water-quality measurements in the following table were made as part of the Stillwater Environmental Monitoring program in the Fallon area, western Nevada. The following analyses are quality-assurance samples processed during the 1995 sampling period and are defined in the section Water Quality-Control Data (page 25).

WATER-QUALITY DATA, OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	QUALITY ASSURANCE SAMPLE (TYPE)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BORON, DIS-SOLVED (UG/L AS B) (01020)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)
MAY 1995 02...	1008	FIELD BLANK	<1	<1	<10	<10	<1

CARSON RIVER BASIN

10312183 L DRAIN ABOVE LEE DRAIN NEAR FALLON, NV

LOCATION.--Lat 39°21'58", long 118°42'21", in SW $^{1}/_{4}$ NW $^{1}/_{4}$ sec.2, T.17 N., R.29 E., Churchill County, Hydrologic Unit 16050203, on Beach Road, 1.0 mi south of Macari Lane, 4.0 mi east of U.S. Highway 95, and 7.5 mi southeast of Fallon.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1987 to 1989, March 1994 to October 1995.

REMARKS.--In April 1994, station was incorporated into the Stillwater Environmental Monitoring Program to gage environmental changes that may occur as a result of change in management of irrigation water of the Newlands Irrigation Project.

WATER-QUALITY DATA, FEBRUARY TO OCTOBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
FEB 1995									
27...	1100	0.46	1110	8.6	15.0	10.0	670	13.8	140
APR									
13...	0915	9.8	776	7.9	13.0	10.0	656	--	43
MAY									
01...	1330	12	741	8.4	--	17.5	660	10.4	126
JUN									
07...	0915	105	356	7.5	11.0	13.0	657	8.5	94
07...	0916	105	356	7.5	11.0	13.0	657	8.5	94
JUL									
13...	1455	48	354	8.4	20.5	25.0	660	10.3	145
AUG									
08...	0950	22	552	8.0	22.0	18.0	661	6.6	81
SEP									
20...	1420	33	566	8.2	27.0	21.5	664	10.8	141
OCT									
26...	1317	49	356	8.0	21.5	12.5	661	10.2	111

DATE	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BORON, DIS-SOLVED (UG/L AS B) (01020)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)
FEB 1995								
27...	336	13	330	718	79	1300	70	38
APR								
13...	261	--	214	486	70	790	60	17
MAY								
01...	268	--	220	481	52	690	60	19
JUN								
07...	115	--	94	220	12	280	30	7
07...	115	--	94	208	12	280	20	7
JUL								
13...	124	1	104	264	15	260	20	6
AUG								
08...	221	--	182	369	29	430	40	9
SEP								
20...	215	--	176	356	32	470	50	12
OCT								
26...	137	--	112	240	18	290	30	9

10312185 RICE DITCH AT GAGE NEAR FALLON, NV

LOCATION.--Lat 39°21'31", long 118°41'13"in SW 1/4 SW 1/4 sec.1, T.17 N., R.29 E., Churchill County, Hydrologic Unit 16050203, on right bank, at Bureau of Reclamation gage site on Schaffer Lane, about 1.6 mi south of Macari Lane, 2.2 mi south of Fallon Naval Air Station Boundary, and 9.6 mi southeast of Fallon.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1987 to 1989, February 1994 to October 1995.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: February 1994 to current year.
WATER TEMPERATURE: February 1994 to current year.

INSTRUMENTATION.--Specific conductance and water temperature recorder February 1994 to current year, hourly.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. In April 1994, station was incorporated into the Stillwater Environmental Monitoring Program to gage environmental changes that may occur as a result of change in management of irrigation water of the Newlands Irrigation Project. Interruptions in record due to periods of no flow. Records represent water temperature at probe within 0.5°C.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 1,890 microsiemens, January 17, 1995; minimum recorded, 128 microsiemens, May 22, 1995.
WATER TEMPERATURE: Maximum recorded, 29.5°C, August 5, 1995; minimum recorded, freezing point several days in November, December 1994, and January 1995.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum recorded, 1,890 microsiemens, January 17; minimum recorded, 128 microsiemens, May 22.
WATER TEMPERATURE: Maximum recorded, 29.5°C, August 5; minimum recorded, freezing point several days in November, December, and January.

WATER-QUALITY DATA, MARCH TO OCTOBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
MAR 1995									
03...	1030	1.5	1090	8.6	15.0	12.0	--	--	--
APR									
12...	0953	0.14	1040	8.1	8.0	12.0	660	7.1	77
12...	0954	0.14	1040	8.1	8.0	12.0	660	7.1	77
MAY									
10...	1355	2.8	434	8.2	21.5	15.0	661	9.2	106
JUN									
06...	1335	35	435	7.5	11.0	14.0	660	8.8	99
JUL									
12...	0940	14	407	7.7	22.0	19.5	655	5.0	63
AUG									
16...	1555	7.3	519	7.9	28.5	22.0	646	6.7	91
SEP									
21...	1215	0.18	225	7.6	22.0	19.5	667	5.4	68
OCT									
26...	1616	9.4	375	8.1	23.0	14.0	660	9.4	106

DATE	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BORON, DIS-SOLVED (UG/L AS B) (01020)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)
MAR 1995								
03...	368	14	325	702	61	1300	70	37
APR								
12...	362	--	297	656	82	1200	70	28
12...	362	--	297	650	84	1200	70	30
MAY								
10...	130	--	107	277	17	390	40	9
JUN								
06...	144	--	118	270	18	350	30	9
JUL								
12...	147	--	120	268	18	310	30	9
AUG								
16...	190	--	156	327	25	410	40	10
SEP								
21...	91	--	75	--	--	--	--	--
OCT								
26...	139	--	114	242	19	290	30	9

CARSON RIVER BASIN

10312185 RICE DITCH AT GAGE NEAR FALLON, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	966	940	953	1030	1000	1010	1310	1170	1230	1520	1280	1400
2	970	946	959	1030	1020	1030	1200	1110	1160	1560	1320	1470
3	971	951	961	1040	1030	1030	1130	1090	1110	1360	1290	1330
4	971	949	962	1050	1030	1040	1120	1060	1090	1320	1280	1300
5	950	937	944	1050	1030	1040	1080	1040	1060	1300	1200	1250
6	966	943	954	1030	1020	1030	1070	1020	1040	1290	1190	1220
7	970	952	959	1030	1020	1020	1050	1020	1040	1330	1190	1230
8	969	952	960	1030	1020	1030	1070	1030	1050	1300	1200	1240
9	975	953	962	1040	1020	1030	1080	1060	1070	1510	1240	1380
10	978	955	966	1040	1010	1030	1120	1070	1090	1460	1150	1250
11	980	960	970	1030	1010	1020	1120	1060	1100	1250	1170	1200
12	982	969	976	1040	1020	1030	1070	1030	1050	1270	1170	1220
13	989	969	980	1060	1040	1050	1030	1000	1010	1250	1100	1180
14	993	981	987	1200	1040	1090	1030	1000	1010	1290	1090	1170
15	1000	987	993	1370	1130	1230	1030	1010	1020	1330	1120	1180
16	1000	989	995	1260	1130	1200	1020	1000	1010	1520	1320	1430
17	1000	989	996	1290	1220	1250	1030	1010	1020	1890	1510	1640
18	1000	984	993	1340	1140	1240	1040	1010	1030	1670	1440	1570
19	1010	971	991	1390	1210	1300	1040	1010	1030	1660	1340	1490
20	999	963	980	1350	1180	1270	1050	1020	1030	1430	1250	1350
21	987	957	972	1260	1180	1210	1040	1030	1040	1330	1250	1290
22	993	957	975	1340	1200	1260	1060	1030	1050	1400	1260	1330
23	990	965	977	1390	1200	1310	1080	1050	1070	1370	1220	1300
24	996	969	982	1290	1170	1220	1080	1030	1060	1400	1220	1310
25	999	972	986	1200	1140	1170	1030	1010	1020	1280	1180	1230
26	1000	983	992	1230	1150	1180	1040	1020	1030	1240	1200	1220
27	1010	988	996	1280	1180	1230	1040	1020	1030	1250	1220	1230
28	1010	990	998	1600	1190	1320	1040	1020	1030	1320	1220	1260
29	1010	998	1000	1430	1280	1340	1060	1030	1040	1440	1300	1370
30	1020	1010	1010	1380	1220	1290	1170	1060	1110	1480	1390	1430
31	1020	1010	1020	---	---	---	1300	1170	1250	1490	1260	1350
MONTH	1020	937	979	1600	1000	1150	1310	1000	1060	1890	1090	1320

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1320	1230	1280	1130	1100	1110	---	---	---	---	---	---
2	1250	1180	1220	1110	1100	1100	---	---	---	---	---	---
3	1210	1140	1170	1110	1080	1100	---	---	---	---	---	---
4	1160	1110	1130	1110	1090	1100	---	---	---	---	---	---
5	1130	1090	1110	1120	1100	1110	---	---	---	---	---	---
6	1110	1080	1100	1120	1110	1110	---	---	---	---	---	---
7	1100	1090	1100	---	---	---	---	---	---	---	---	---
8	1090	1050	1060	---	---	---	---	---	---	518	471	496
9	1050	998	1030	---	---	---	---	---	---	471	426	454
10	1070	962	1030	---	---	---	---	---	---	435	411	424
11	1070	1050	1060	---	---	---	---	---	---	422	405	415
12	1080	1050	1070	---	---	---	---	---	---	414	401	404
13	1090	1070	1080	---	---	---	---	---	---	437	380	399
14	1080	1000	1060	---	---	---	---	---	---	400	384	390
15	1000	860	976	---	---	---	---	---	---	400	380	387
16	986	945	972	---	---	---	---	---	---	389	377	384
17	1010	894	951	---	---	---	---	---	---	415	377	397
18	1050	994	1030	---	---	---	---	---	---	409	396	403
19	1070	1040	1050	---	---	---	---	---	---	399	392	395
20	1090	1070	1080	---	---	---	---	---	---	423	397	408
21	1100	1080	1090	---	---	---	---	---	---	413	368	390
22	1100	1080	1100	---	---	---	---	---	---	391	128	309
23	1110	1090	1100	---	---	---	---	---	---	392	320	381
24	1110	1100	1100	---	---	---	---	---	---	390	272	334
25	1120	1100	1110	---	---	---	---	---	---	394	374	384
26	1120	1100	1110	---	---	---	---	---	---	398	366	385
27	1130	1110	1120	---	---	---	---	---	---	403	373	384
28	1130	1110	1120	---	---	---	---	---	---	420	372	392
29	---	---	---	---	---	---	---	---	---	425	365	389
30	---	---	---	---	---	---	---	---	---	425	381	404
31	---	---	---	---	---	---	---	---	---	412	381	396
MONTH	1320	860	1090	---	---	---	---	---	---	---	---	---

CARSON RIVER BASIN

10312185 RICE DITCH AT GAGE NEAR FALLON, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	442	379	401	414	351	375	653	473	541	434	389	405
2	487	442	461	464	333	397	626	523	593	---	---	---
3	495	447	467	390	316	341	618	441	568	---	---	---
4	551	487	507	612	390	493	483	316	426	---	---	---
5	587	353	425	575	435	475	503	471	486	---	---	---
6	439	345	394	549	382	443	481	414	458	---	---	---
7	439	331	368	415	332	363	420	368	404	---	---	---
8	448	371	401	585	415	498	382	291	346	384	354	362
9	492	383	433	502	397	436	302	282	292	458	364	412
10	434	378	406	480	358	408	367	296	324	460	414	441
11	473	426	446	502	333	393	434	335	398	445	296	386
12	500	388	426	579	363	472	425	358	376	422	293	369
13	417	351	386	558	374	469	370	303	332	411	369	392
14	486	390	417	419	327	374	370	337	357	465	205	390
15	429	383	407	454	309	367	441	324	362	216	195	203
16	425	374	396	510	389	443	515	398	452	277	216	261
17	431	372	402	526	388	433	502	309	390	275	245	253
18	376	358	369	526	354	396	595	358	519	---	---	---
19	379	350	364	675	369	474	521	299	354	---	---	---
20	399	369	381	427	333	372	327	256	291	---	---	---
21	441	390	419	436	329	362	317	252	280	---	---	---
22	530	392	450	547	363	442	375	241	308	---	---	---
23	536	432	487	407	342	373	419	283	363	---	---	---
24	534	474	493	434	348	367	330	294	312	---	---	---
25	619	477	535	838	434	731	479	301	379	---	---	---
26	645	555	584	763	548	626	477	292	356	---	---	---
27	647	456	542	654	529	586	312	220	274	---	---	---
28	637	456	543	540	439	493	356	259	316	377	306	344
29	584	334	406	609	430	501	440	356	391	358	312	338
30	489	393	436	517	369	475	409	357	374	425	319	369
31	---	---	---	524	372	434	438	369	402	---	---	---
MONTH	647	331	438	838	309	446	653	220	388	---	---	---

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	18.5	13.5	16.0	8.5	6.5	7.5	4.0	1.0	2.5	1.5	.0	1.0
2	19.0	13.5	16.0	7.5	5.5	6.5	5.5	2.0	4.0	2.0	.5	1.0
3	16.0	10.5	13.0	6.5	3.0	4.5	4.5	4.0	4.5	1.0	.0	.5
4	13.5	11.0	12.5	4.5	2.5	3.0	4.5	3.0	3.5	.5	.0	.5
5	14.0	11.0	12.5	6.0	3.0	4.5	5.0	3.0	4.0	2.0	.0	1.0
6	16.0	10.5	13.5	9.0	6.0	7.5	5.5	3.0	4.0	2.0	.0	1.0
7	16.0	10.5	13.5	8.5	7.0	8.0	4.0	1.5	3.0	4.0	.5	2.5
8	16.0	10.5	13.5	9.5	5.5	7.5	3.0	1.0	2.0	5.5	1.5	3.0
9	16.0	10.5	13.5	10.0	7.0	8.5	2.5	.5	1.5	8.5	3.5	5.5
10	16.5	11.5	14.0	7.5	4.0	5.5	2.0	.5	1.0	9.0	5.5	7.0
11	16.5	11.0	14.0	7.0	3.5	5.5	1.5	.0	1.0	7.0	3.5	5.5
12	14.5	11.5	13.0	6.0	3.5	5.0	2.0	.0	1.0	6.0	3.5	4.5
13	12.0	10.0	11.0	5.5	2.0	3.5	2.0	.5	1.0	8.0	4.5	6.0
14	11.0	8.5	9.5	5.0	2.0	3.5	1.0	.5	.5	7.0	4.5	6.0
15	8.5	6.5	7.5	5.0	1.0	3.0	1.0	.0	.5	5.5	3.5	4.5
16	8.5	5.0	6.5	3.5	1.5	2.5	1.5	.0	1.0	5.0	2.0	3.5
17	10.5	4.5	7.5	1.5	.5	1.0	1.5	.5	1.0	4.5	1.0	2.5
18	12.0	6.5	9.0	2.5	.0	1.0	2.5	.5	1.5	4.0	1.5	2.5
19	12.5	7.0	10.0	2.5	.0	1.0	2.5	.5	1.5	4.5	1.0	3.0
20	13.0	8.0	10.5	2.0	.5	1.0	2.0	.5	1.5	4.0	1.5	3.0
21	13.0	8.0	10.5	1.5	.5	1.0	2.5	.5	1.5	6.0	2.5	4.0
22	12.5	8.0	10.5	2.5	.0	1.5	1.5	.5	1.0	5.0	2.5	3.5
23	12.5	8.0	10.5	2.0	.5	1.5	1.5	.5	1.0	6.0	3.0	4.5
24	13.5	9.0	11.0	2.5	.5	1.5	1.0	.0	.5	7.0	3.5	5.0
25	13.0	8.5	11.0	3.0	1.0	2.0	1.0	.5	1.0	6.0	4.5	5.5
26	13.0	9.0	11.0	2.5	.5	1.5	2.5	.5	1.5	6.0	4.0	5.5
27	13.0	9.5	11.5	2.0	.5	1.0	3.0	1.5	2.5	5.0	3.5	4.0
28	13.0	8.5	11.0	3.0	.0	1.5	2.5	2.0	2.5	7.0	3.5	5.0
29	11.5	7.5	9.5	3.0	.5	1.5	2.5	2.0	2.5	9.0	5.5	7.0
30	9.5	5.5	8.0	4.0	.5	2.0	3.5	1.5	2.5	10.0	6.5	8.0
31	10.0	5.5	7.5	---	---	---	2.0	.5	1.5	11.5	7.5	9.5
MONTH	19.0	4.5	11.2	10.0	.0	3.5	5.5	.0	1.9	11.5	.0	4.0

CARSON RIVER BASIN

10312185 RICE DITCH AT GAGE NEAR FALLON, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.5	8.5	10.0	12.5	10.0	11.5	---	---	---	---	---	---
2	11.5	6.5	9.0	13.5	9.5	11.5	---	---	---	---	---	---
3	10.5	6.0	8.5	13.0	8.0	10.5	---	---	---	---	---	---
4	10.5	5.5	8.0	10.5	5.5	8.0	---	---	---	---	---	---
5	10.5	5.0	8.0	9.0	5.5	7.5	---	---	---	---	---	---
6	9.0	5.0	7.5	11.0	3.5	7.0	---	---	---	---	---	---
7	11.0	5.5	8.5	---	---	---	---	---	---	---	---	---
8	8.5	7.0	7.5	---	---	---	---	---	---	17.5	13.0	15.0
9	10.5	6.5	8.0	---	---	---	---	---	---	16.5	14.0	15.0
10	10.5	6.0	8.0	---	---	---	---	---	---	16.5	12.5	14.5
11	10.0	5.5	7.5	---	---	---	---	---	---	16.5	13.5	15.0
12	9.0	4.5	6.5	---	---	---	---	---	---	14.5	12.0	13.5
13	8.0	3.5	5.5	---	---	---	---	---	---	13.5	11.5	12.5
14	7.5	3.0	5.0	---	---	---	---	---	---	13.0	11.0	12.0
15	8.0	3.0	5.5	---	---	---	---	---	---	15.5	12.0	13.5
16	7.0	3.5	5.5	---	---	---	---	---	---	18.0	12.5	15.0
17	9.0	3.5	6.5	---	---	---	---	---	---	19.5	14.5	17.0
18	12.0	5.0	8.0	---	---	---	---	---	---	19.5	15.5	17.5
19	12.0	6.0	9.0	---	---	---	---	---	---	20.0	16.0	18.0
20	13.5	6.5	10.0	---	---	---	---	---	---	20.0	17.0	18.5
21	14.0	7.5	10.5	---	---	---	---	---	---	18.5	16.0	17.5
22	14.0	7.5	10.5	---	---	---	---	---	---	17.0	14.0	15.0
23	13.5	8.0	10.5	---	---	---	---	---	---	16.5	13.0	14.5
24	15.0	8.0	11.0	---	---	---	---	---	---	15.5	13.0	14.5
25	14.5	8.5	11.5	---	---	---	---	---	---	16.0	12.5	14.0
26	14.5	8.5	11.5	---	---	---	---	---	---	19.0	14.5	16.5
27	13.5	8.5	11.0	---	---	---	---	---	---	19.5	16.0	17.5
28	14.0	9.5	11.5	---	---	---	---	---	---	19.5	15.5	17.5
29	---	---	---	---	---	---	---	---	---	21.0	16.0	18.5
30	---	---	---	---	---	---	---	---	---	21.5	18.0	19.5
31	---	---	---	---	---	---	---	---	---	23.5	18.5	21.0
MONTH	15.0	3.0	8.6	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	21.5	17.5	19.5	21.5	18.0	20.0	25.0	21.0	23.0	24.0	20.5	22.0
2	19.5	17.5	18.5	22.0	19.5	20.5	25.0	22.5	23.5	---	---	---
3	21.5	16.5	19.0	23.0	19.0	20.5	25.5	23.0	24.0	---	---	---
4	22.5	18.5	20.5	24.5	20.0	22.0	28.5	23.0	25.5	---	---	---
5	21.5	16.0	17.5	24.5	20.5	22.5	29.5	23.5	26.0	---	---	---
6	16.5	13.5	14.5	23.5	21.5	22.5	29.0	23.0	25.5	---	---	---
7	15.0	13.0	14.0	24.0	20.0	22.0	26.0	22.0	24.0	---	---	---
8	16.5	13.5	14.5	24.0	21.5	23.0	25.5	19.0	22.0	22.5	20.0	21.5
9	20.5	14.5	17.0	24.5	21.0	23.0	27.0	19.0	22.5	24.0	20.5	22.0
10	21.0	17.5	19.5	24.0	20.0	22.0	25.5	19.5	22.0	24.0	20.5	22.0
11	22.0	19.0	20.5	23.5	20.0	22.0	26.0	17.5	21.5	23.0	20.5	22.0
12	21.0	18.5	20.0	22.0	20.0	21.0	27.0	19.0	22.0	24.0	20.0	22.0
13	21.0	19.0	20.0	22.0	18.0	20.0	26.5	19.0	22.5	22.5	20.5	21.5
14	19.5	16.0	18.0	23.0	18.5	21.0	27.0	19.0	23.0	22.5	20.0	21.5
15	16.5	14.5	15.5	25.0	20.0	22.5	24.5	20.0	22.5	23.5	19.0	21.5
16	18.0	13.5	15.5	25.5	22.5	24.0	23.0	20.5	22.0	22.5	20.0	21.0
17	18.0	15.0	16.5	24.5	22.0	23.5	22.5	19.5	20.5	22.0	17.5	20.0
18	19.5	16.5	18.0	24.0	20.0	22.0	22.0	18.5	20.5	---	---	---
19	20.0	16.0	18.0	24.5	20.5	22.5	23.5	18.5	21.0	---	---	---
20	19.0	16.0	17.5	24.5	21.0	22.5	23.5	19.5	22.0	---	---	---
21	21.5	16.0	18.5	26.5	22.0	24.0	25.0	21.0	23.0	---	---	---
22	22.5	18.0	20.0	24.5	21.0	23.0	25.5	22.0	23.5	---	---	---
23	23.5	19.5	21.5	25.5	20.5	23.0	25.0	22.0	23.5	---	---	---
24	24.0	21.0	22.5	26.5	22.0	24.0	25.0	21.5	23.0	---	---	---
25	26.5	21.5	23.5	25.5	22.5	24.0	25.5	20.5	23.0	---	---	---
26	25.0	23.0	24.0	24.5	21.5	23.0	24.5	20.0	22.5	---	---	---
27	25.0	21.0	23.5	25.5	22.0	23.5	24.0	19.5	21.5	---	---	---
28	25.5	22.0	23.5	25.0	22.5	23.5	23.5	19.0	21.0	19.5	16.5	18.0
29	24.5	20.0	22.0	24.0	22.5	23.0	23.0	19.5	21.5	17.5	15.5	16.5
30	22.5	20.0	21.0	22.5	21.5	22.0	24.0	19.5	21.5	17.5	15.0	16.0
31	---	---	---	24.0	20.0	22.0	24.0	19.5	21.5	---	---	---
MONTH	26.5	13.0	19.1	26.5	18.0	22.4	29.5	17.5	22.6	---	---	---

CARSON RIVER BASIN

10312185 RICE DITCH AT GAGE NEAR FALLON, NV--Continued

Water-quality measurements in the following table were made as part of the Stillwater Environmental Monitoring program in the Fallon area, western Nevada. The following analyses are quality-assurance samples processed during the 1995 sampling period and are defined in the section Water Quality-Control Data (page 25).

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	QUALITY ASSURANCE SAMPLE (TYPE)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)
MAR										
03...	1300	FIELD BLANK	--	--	--	--	--	--	--	<1
APR										
14...	1100	FIELD BLANK	<1	0.02	0.002	<0.03	<0.02	2	<0.2	<1

DATE	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)
MAR										
03...	--	--	--	--	--	--	--	--	--	<10
APR										
14...	<0.2	<0.2	4	<0.3	<0.2	<0.2	1	<3	<0.3	<10

DATE	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	MERCURY DISSOLVED (UG/L AS HG) (71890)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)
MAR									
03...	--	<0.20	<0.1	--	--	--	--	--	--
APR									
14...	<0.1	<0.10	<0.1	<0.2	<1	<0.2	<0.1	<1	<0.20

CARSON RIVER BASIN

1031218750 L 12 CANAL ABOVE MARCARI LANE NEAR FALLON, NV

LOCATION.--Lat 39°22'59", long 118°39'31", in SW $^{1}/_{4}$ NE $^{1}/_{4}$ sec.31, T.18 N., R.30 E., Churchill County, Hydrologic Unit 16050203, 1,000 ft upstream from bridge on Marcari Lane 1.2 mi southwest of U.S. Highway 50, and about 9 mi southeast of Fallon.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--April to October 1995.

REMARKS.--In April 1994, station was incorporated into the Stillwater Environmental Monitoring Program to gage environmental changes that may occur as a result of change in management of irrigation water of the Newlands Irrigation Project.

WATER-QUALITY DATA, WATER YEAR MARCH TO OCTOBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)
APR 1995								
14...	0929	4.0	517	7.8	0.5	4.5	662	6.6
MAY								
10...	1000	28	347	8.1	18.5	12.0	662	8.9
JUN								
06...	0920	29	297	7.2	8.0	13.0	660	8.1
JUL								
12...	1310	7.6	204	7.7	24.5	20.0	659	7.9
AUG								
16...	1210	4.1	497	8.7	25.5	23.0	646	11.9
SEP								
18...	1435	9.0	211	7.8	29.5	21.0	664	9.7
OCT								
24...	1624	15	214	9.0	18.0	14.0	659	15.3

DATE	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BORON, DIS-SOLVED (UG/L AS B) (01020)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)
APR 1995								
14...	59	159	--	131	16	490	40	7
MAY								
10...	95	101	--	83	9	310	35	5
JUN								
06...	89	91	--	75	8	220	27	5
JUL								
12...	101	452	--	39100	7	120	12	4
AUG								
16...	165	169	6	150	31	380	24	9
SEP								
18...	125	79	--	65	--	--	--	--
OCT								
24...	172	58	11	65	13	390	21	13

CARSON RIVER BASIN

10312210 STILLWATER POINT RESERVOIR DIVERSION CANAL NEAR FALLON, NV

LOCATION.--Lat 39°28'25", long 118°35'50", in NE ¼ NE ¼ sec.34, T.19 N., R.30 E., Churchill County, Hydrologic Unit 16050203, on left bank, 0.2 mi downstream from a diversion structure for Stillwater Slough, and 9.8 mi east of Fallon.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1967 to September 1981 (monthly discharge only), October 1990 to September 1992, January 1993 to current year. Prior to October 1992, published as Stillwater Diversion Canal near Fallon.

GAGE.--Water-stage recorder. Elevation of gage is 3,915 ft above sea level, from topographic map. Prior to September 1981, gage at same site and datum on right bank.

REMARKS.--Records poor. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.6	1.6	1.0	e.90	1.4	.50	.74	5.4	93	60	25	30
2	3.1	1.6	1.0	e.90	1.4	.50	.78	4.9	87	58	30	29
3	2.9	1.6	1.0	e.90	1.3	.50	.76	5.3	68	44	26	28
4	2.4	1.6	1.0	e.90	1.1	.52	.88	8.2	76	68	26	27
5	2.4	1.6	1.0	e.90	1.0	.57	.90	45	97	87	29	22
6	2.5	1.8	1.0	e.90	.95	.50	.90	70	111	102	27	17
7	2.6	1.9	.90	.90	1.0	.50	1.2	79	116	100	29	16
8	2.5	1.8	.90	.90	4.1	.50	1.4	103	121	e95	29	16
9	2.2	1.8	e.90	.93	8.2	.41	1.0	112	133	e90	35	19
10	2.0	1.7	e.90	1.1	4.9	.42	1.6	116	137	e85	35	23
11	1.6	3.0	e.90	1.3	3.8	.46	1.7	111	124	e80	32	29
12	1.3	4.4	e.90	1.3	2.7	.50	1.6	105	131	e80	29	24
13	1.3	3.1	e.90	1.5	1.9	.60	1.6	102	128	e78	28	21
14	1.4	2.0	e.90	1.5	1.4	.60	1.6	109	122	75	30	24
15	1.5	1.6	e.90	1.3	1.3	.60	2.6	126	132	67	27	33
16	1.7	1.3	e.90	1.2	1.1	.60	3.2	128	155	44	30	37
17	1.8	1.2	e.90	1.0	1.0	.55	4.9	136	190	45	28	26
18	1.8	1.2	.90	1.0	1.0	.55	5.2	151	181	53	26	31
19	1.8	e1.0	.88	1.0	1.0	.60	3.8	165	179	61	28	29
20	1.7	e1.0	.80	.92	.97	.64	3.1	140	170	69	32	28
21	1.6	e1.0	1.0	1.0	1.0	.65	2.4	e138	158	66	28	23
22	1.6	e1.0	e1.0	1.0	.97	.67	2.0	e157	149	46	28	26
23	1.6	e1.0	e1.0	1.0	.89	.74	1.6	170	150	32	30	25
24	1.6	e1.0	e1.0	.99	.79	.74	1.7	184	128	30	30	22
25	1.5	e1.0	e1.0	.90	.80	.70	2.5	191	115	27	29	32
26	1.5	e1.0	e1.0	.90	.70	.70	2.0	184	117	22	28	65
27	1.5	e1.0	e1.0	.87	.60	.70	2.0	203	77	24	34	53
28	1.5	e1.0	e.95	.80	.59	.70	3.1	186	54	34	34	31
29	1.5	e1.0	e.95	.86	---	.70	3.0	169	45	32	34	25
30	1.6	e1.0	e.95	.98	---	.70	3.4	136	55	29	28	22
31	1.6	---	e.95	1.2	---	.70	---	124	---	27	29	---
TOTAL	59.2	46.8	29.28	31.75	47.86	18.32	63.16	3663.8	3599	1810	913	833
MEAN	1.91	1.56	.94	1.02	1.71	.59	2.11	118	120	58.4	29.5	27.8
MAX	3.6	4.4	1.0	1.5	8.2	.74	5.2	203	190	102	35	65
MIN	1.3	1.0	.80	.80	.59	.41	.74	4.9	45	22	25	16
AC-FT	117	93	58	63	95	36	125	7270	7140	3590	1810	1650

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1995, BY WATER YEAR (WY)

MEAN	13.9	8.96	5.65	3.40	3.03	2.12	3.86	31.5	35.9	24.8	20.0	18.8
MAX	27.6	15.7	7.69	6.05	4.62	4.14	9.00	118	120	58.4	40.8	46.6
(WY)	1994	1994	1991	1994	1991	1991	1994	1995	1995	1995	1993	1993
MIN	1.91	1.56	.94	.76	1.26	.58	1.19	5.71	5.12	6.94	1.78	.000
(WY)	1995	1995	1995	1993	1993	1993	1993	1992	1991	1991	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1991 - 1995	
ANNUAL TOTAL	3699.18		11115.17			
ANNUAL MEAN	10.1		30.5		14.3	
HIGHEST ANNUAL MEAN					30.5	1995
LOWEST ANNUAL MEAN					4.97	1992
HIGHEST DAILY MEAN	33	Jun 26	203	May 27	203	May 27 1995
LOWEST DAILY MEAN	.80	Dec 20	.41	Mar 9	.00	Sep 1 1992
ANNUAL SEVEN-DAY MINIMUM	.88	Dec 14	.47	Mar 6	.00	Sep 1 1992
ANNUAL RUNOFF (AC-FT)	7340		22050		10390	
10 PERCENT EXCEEDS	23		116		31	
50 PERCENT EXCEEDS	6.0		2.0		5.8	
90 PERCENT EXCEEDS	1.0		.77		.90	

e Estimated

CARSON RIVER BASIN

10312210 STILLWATER POINT RESERVOIR DIVERSION CANAL NEAR FALLON, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--April 1977 to September 1981, September 1990 to August 1992, January 1993 to October 1995.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE.--September 1990 to August 1992, January 1993 to current year.
WATER TEMPERATURE.--October 1990 to August 1992, January 1993 to current year.

INSTRUMENTATION.--Water-quality monitor September 1990 to August 1992 and January to June 1993, hourly; July 1993 to January 1994, four times per hour; February to September 1994, hourly, October 1994 to September 1995, four times per hour.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. In April 1994, station was incorporated into the Stillwater Environmental Monitoring Program to gage environmental changes that may occur as a result of change in management of irrigation water of the Newlands Irrigation Project. In May 1994, station was incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Carson River Basin. Records represent water temperature at probe within 0.5°C. Interruption in records due to instrument malfunction.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE.--Maximum recorded, 9,620 microsiemens, April 8, 1995; minimum recorded, 405 microsiemens, May 24, 1995.
WATER TEMPERATURE.--Maximum recorded, 31.5°C, August 12, 1992; minimum recorded, freezing point, many days during winter months.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE.--Maximum recorded, 9,620 microsiemens, April 8; minimum recorded, 405 microsiemens, May 24.
WATER TEMPERATURE.--Maximum recorded, 28.0°C, August 4; minimum recorded, freezing point, January 2.

WATER-QUALITY DATA, MARCH TO OCTOBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
MAR 1995									
01...	1100	0.51	4570	8.1	9.5	12.0	--	--	--
APR									
10...	1330	1.8	9380	9.4	20.5	12.0	665	14.6	161
MAY									
22...	1435	1.6	414	7.9	15.0	16.0	661	5.9	69
JUN									
14...	1500	133	458	8.0	21.5	18.5	658	5.3	66
JUL									
13...	1030	77	536	8.5	21.5	18.0	660	6.3	78
AUG									
16...	0910	32	830	8.0	25.0	20.5	646	5.6	74
SEP									
20...	0955	38	670	7.9	24.5	20.0	664	6.2	78
20...	0956	38	670	7.9	24.5	20.0	664	6.2	78
OCT									
24...	1105	75	452	8.1	11.5	10.0	662	8.8	90

DATE	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BORON, DIS-SOLVED (UG/L AS B) (01020)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)
MAR 1995								
01...	396	--	324	2740	170	4600	70	46
APR								
10...	390	96	480	5990	300	9900	120	130
MAY								
22...	120	--	98	262	15	380	40	9
JUN								
14...	134	--	109	276	23	400	30	12
JUL								
13...	153	3	131	328	29	500	30	14
AUG								
16...	253	--	207	498	39	840	50	23
SEP								
20...	206	--	169	428	42	740	40	23
20...	206	--	169	434	46	740	40	22
OCT								
24...	139	--	114	286	27	1800	30	23

CARSON RIVER BASIN

10312210 STILLWATER POINT RESERVOIR DIVERSION CANAL NEAR FALLON, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1700	1630	1670	2650	2580	2610	3560	3500	3530	4740	4520	4620
2	1740	1680	1700	2650	2560	2600	3570	3490	3530	4860	4670	4770
3	1770	1720	1740	2670	2540	2610	3650	3540	3600	4870	4660	4730
4	1850	1760	1790	2680	2500	2570	3610	3490	3560	4820	4680	4730
5	1990	1850	1900	2690	2610	2640	3760	3610	3670	4710	4490	4590
6	2080	1990	2020	2620	2570	2600	3780	3690	3750	4550	4310	4390
7	2150	2070	2100	2580	2500	2530	3860	3660	3750	4400	4240	4320
8	2220	2120	2160	2600	2500	2550	4010	3800	3890	4250	4120	4170
9	2260	2180	2220	2640	2550	2610	4110	3870	3990	4260	4130	4220
10	2280	2210	2250	2630	2600	2610	4260	4010	4150	4350	4260	4310
11	2250	2170	2220	2620	2530	2560	4290	4150	4230	4420	4300	4370
12	2240	2170	2210	2580	2540	2570	4250	4190	4220	4400	4320	4350
13	2230	2170	2220	2630	2520	2580	4340	4230	4270	4340	4300	4320
14	2260	2210	2230	2770	2620	2700	4380	4280	4330	4390	4330	4360
15	2330	2240	2280	2870	2770	2820	4370	4270	4310	4440	4360	4400
16	2370	2290	2330	2950	2850	2900	4310	4230	4270	4440	4360	4410
17	2380	2300	2350	3040	2950	3010	4370	4250	4310	4480	4390	4450
18	2430	2360	2400	3140	3030	3100	4490	4300	4390	4520	4410	4450
19	2460	2390	2430	3180	3090	3130	4610	4370	4460	4570	4490	4530
20	2460	2370	2430	3140	3070	3110	4530	4380	4440	4680	4550	4610
21	2450	2360	2410	3120	3070	3100	4560	4430	4490	4820	4660	4740
22	2440	2350	2400	3140	3040	3100	4620	4480	4540	4960	4810	4870
23	2420	2330	2380	3130	3030	3080	4620	4540	4590	5040	4950	5000
24	2390	2320	2360	3090	3010	3060	4710	4530	4620	4990	4900	4950
25	2410	2340	2380	3080	2990	3050	4540	4380	4470	4980	4930	4950
26	2470	2380	2420	3140	3010	3060	4510	4240	4400	5010	4920	4970
27	2530	2440	2470	3290	3140	3250	4460	4120	4310	5120	4950	5040
28	2590	2480	2520	3400	3290	3340	4320	4170	4260	5140	5040	5090
29	2620	2540	2580	3430	3350	3390	4440	4250	4380	5070	5010	5050
30	2670	2570	2620	3510	3380	3440	4500	4370	4450	5110	5010	5060
31	2660	2580	2620	---	---	---	4790	4470	4610	5070	4990	5030
MONTH	2670	1630	2250	3510	2500	2880	4790	3490	4190	5140	4120	4640
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	5120	4980	5070	4550	4460	4510	9190	8950	9070	---	---	---
2	5260	5110	5170	4700	4530	4600	9250	8930	9120	---	---	---
3	5310	5120	5210	5240	4680	4910	9290	9030	9180	---	---	---
4	5240	5110	5180	5540	5220	5370	9420	9110	9280	---	---	---
5	5210	5110	5160	5750	5450	5570	9540	9360	9440	2510	1590	2120
6	5220	5150	5180	6000	5670	5800	9550	9390	9500	2000	1190	1660
7	5320	5200	5260	6070	5860	5960	9600	9340	9480	1190	667	907
8	5690	4950	5140	6200	5980	6090	9620	9390	9520	667	555	581
9	5670	4810	5000	6370	6170	6260	9540	9310	9450	570	496	528
10	4850	4770	4810	6510	6330	6420	9590	9210	9420	550	513	533
11	4830	4660	4750	6600	6390	6480	9460	9090	9310	568	547	554
12	4660	4270	4420	6850	6590	6730	9120	8830	8940	588	512	553
13	4370	4070	4220	6890	6720	6830	8850	8700	8790	574	536	553
14	4070	3840	3930	6980	6830	6880	8700	8540	8620	630	535	576
15	3890	3620	3730	7240	6850	7030	8610	7810	8290	717	588	667
16	3600	3440	3510	7320	7100	7190	7830	7330	7480	665	595	612
17	3490	3210	3340	7330	7040	7240	7390	6010	6940	608	544	580
18	3210	2960	3080	7470	7260	7350	6010	5020	5470	552	516	530
19	3010	2910	2970	7530	7290	7430	5030	4420	4680	558	458	500
20	3000	2920	2970	7550	7450	7500	4430	4120	4250	472	458	466
21	3030	2920	2980	7750	7410	7590	4180	3900	4020	458	436	446
22	3140	3000	3060	7860	7680	7780	3970	3780	3890	437	408	421
23	3320	3130	3230	7980	7700	7820	3870	3610	3750	425	408	415
24	3590	3310	3440	8130	7870	7970	3750	3520	3650	425	405	417
25	3830	3590	3680	8330	8070	8150	3520	3060	3210	422	406	415
26	4040	3830	3920	8530	8130	8340	---	---	--	439	422	430
27	4290	4040	4130	8660	8230	8460	---	---	---	435	416	423
28	4530	4290	4420	9010	8580	8740	---	---	---	429	414	420
29	---	---	---	9080	8710	8950	---	---	---	453	416	438
30	---	---	---	9110	8790	8980	---	---	---	478	448	457
31	---	---	---	9110	8810	8980	---	---	---	526	478	512
MONTH	5690	2910	4180	9110	4460	7030	---	---	---	---	---	---

CARSON RIVER BASIN

10312210 STILLWATER POINT RESERVOIR DIVERSION CANAL NEAR FALLON, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	544	502	521	599	591	595	832	818	824	690	644	664
2	544	521	530	602	590	595	835	817	827	803	642	706
3	866	528	687	620	599	607	826	814	820	822	744	780
4	881	683	811	636	620	628	831	816	823	791	750	775
5	683	577	632	640	629	633	836	824	828	812	771	782
6	577	522	545	637	624	631	829	816	821	911	812	891
7	533	509	518	627	607	620	823	810	818	910	885	901
8	529	519	525	611	593	602	816	803	808	908	881	892
9	519	489	506	596	583	589	816	806	810	906	887	898
10	489	477	481	588	566	578	818	806	812	887	868	877
11	495	476	487	566	551	558	811	795	801	869	599	727
12	491	485	488	---	---	---	801	786	794	725	615	661
13	486	480	482	---	---	---	804	790	797	759	669	731
14	484	479	481	562	538	546	808	794	801	737	724	728
15	499	479	484	1250	550	734	816	799	810	734	718	727
16	502	422	463	1250	983	1180	855	805	839	721	703	715
17	516	462	486	983	857	889	874	805	850	709	692	700
18	474	462	468	858	718	808	854	783	819	694	568	653
19	479	471	475	755	682	722	956	854	937	722	635	691
20	477	471	474	700	610	636	927	850	893	846	670	726
21	472	467	470	660	633	648	915	850	887	859	684	780
22	471	464	468	657	643	650	923	805	861	881	817	841
23	475	467	471	686	653	669	844	767	800	860	722	808
24	473	464	468	732	685	710	805	667	720	890	711	810
25	469	463	466	764	731	748	733	675	703	895	542	726
26	467	455	462	782	759	771	888	721	856	546	510	528
27	513	448	470	792	775	782	874	686	782	1320	546	817
28	565	513	545	796	786	791	756	686	719	925	759	812
29	597	565	581	807	794	799	687	565	614	986	776	899
30	609	597	604	813	801	807	734	561	645	926	830	866
31	---	---	---	825	807	814	746	638	691	---	---	---
MONTH	881	422	518	---	---	---	956	561	800	1320	510	770

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19.0	12.5	16.0	9.5	6.0	7.5	5.5	2.0	3.5	3.0	.5	1.5
2	19.0	13.0	16.0	10.5	5.0	7.5	6.0	3.0	4.0	4.0	.0	1.5
3	17.0	11.0	14.0	9.0	3.0	5.5	5.5	3.5	4.0	2.0	.5	1.0
4	15.5	11.0	13.0	5.5	2.5	4.0	6.5	3.5	4.5	2.0	1.0	1.0
5	15.5	12.0	13.5	7.5	4.0	5.5	7.0	3.0	4.5	4.5	1.0	2.0
6	17.0	11.0	14.0	10.0	6.0	8.0	7.0	3.0	4.0	4.5	1.0	2.5
7	16.5	10.0	13.5	9.0	6.5	7.5	6.5	1.5	3.5	6.0	1.5	3.0
8	16.0	9.5	13.0	10.5	5.5	7.5	4.5	.5	2.0	6.0	2.0	4.0
9	16.5	9.5	13.0	11.5	6.5	8.0	5.0	.5	2.5	7.5	4.5	6.0
10	17.0	10.5	13.5	7.0	4.5	6.5	4.5	.5	2.0	9.5	5.5	7.0
11	17.5	10.0	13.5	7.5	4.5	6.0	3.5	.5	1.5	8.0	3.5	5.5
12	16.5	10.5	13.0	8.0	4.5	6.0	4.5	1.5	2.0	6.0	4.0	5.0
13	15.0	10.0	12.0	8.5	3.0	5.0	5.5	1.5	2.5	8.0	5.0	6.5
14	11.5	8.5	10.0	8.0	2.5	4.5	2.5	1.0	1.5	7.0	5.0	6.0
15	11.5	7.0	8.5	7.0	2.0	4.0	4.0	1.0	2.0	7.5	3.5	5.0
16	10.5	6.5	8.0	5.5	3.5	4.5	5.0	1.0	2.5	7.0	3.0	4.5
17	11.5	5.0	8.0	3.5	1.5	2.5	4.0	1.0	2.5	6.0	1.5	3.0
18	12.5	6.0	9.0	5.5	1.0	3.0	5.0	1.0	2.5	6.0	2.5	3.5
19	12.5	6.0	9.5	6.0	1.0	3.0	5.5	.5	2.5	6.5	1.0	3.0
20	13.5	6.5	10.0	5.0	1.0	2.5	4.5	.5	2.5	5.5	2.5	3.5
21	13.0	6.5	10.0	4.5	2.0	3.0	5.5	.5	2.5	6.5	3.0	4.0
22	13.0	6.5	9.5	6.5	.5	3.0	4.0	.5	2.0	4.5	2.5	3.5
23	12.5	6.0	9.5	6.0	.5	3.0	4.0	1.0	2.0	7.0	3.5	5.0
24	13.5	7.0	10.0	6.0	1.5	3.5	4.0	.5	2.0	8.0	4.0	5.5
25	13.0	6.5	10.0	6.0	2.0	3.5	3.0	1.5	2.0	7.0	5.0	6.0
26	13.0	7.5	10.0	6.0	1.5	3.0	4.0	1.0	2.5	7.5	4.0	5.5
27	13.5	8.5	10.5	4.5	1.0	2.5	4.0	1.0	2.5	5.5	3.5	4.5
28	13.5	7.0	10.0	6.0	1.0	3.5	3.0	2.5	2.5	7.0	4.0	5.5
29	12.0	6.5	9.0	6.0	1.0	3.0	3.5	2.0	3.0	8.0	5.5	6.5
30	10.5	4.5	7.5	6.5	1.5	3.5	5.0	2.0	3.0	9.5	6.5	7.5
31	10.5	4.0	7.0	---	---	---	2.0	.5	1.5	10.5	7.5	9.0
MONTH	19.0	4.0	11.1	11.5	.5	4.7	7.0	.5	2.6	10.5	.0	4.4

CARSON RIVER BASIN

10312210 STILLWATER POINT RESERVOIR DIVERSION CANAL NEAR FALLON, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.5	8.0	9.0	15.0	10.5	12.0	---	---	---	19.0	13.5	16.0
2	10.5	5.5	8.0	14.5	9.5	11.5	---	---	---	18.0	11.5	14.5
3	10.5	5.0	7.5	14.5	8.0	11.0	---	---	---	18.5	11.5	15.0
4	10.0	4.5	7.0	13.5	6.5	9.5	---	---	---	19.0	13.5	16.0
5	9.5	4.0	7.0	12.0	6.0	9.0	---	---	---	15.0	11.5	13.5
6	9.0	4.5	6.5	13.5	5.0	8.5	---	---	---	11.5	11.0	11.0
7	11.0	5.0	7.5	13.5	5.5	9.0	---	---	---	12.5	10.5	11.5
8	8.0	7.0	7.5	13.0	8.0	10.0	---	---	---	16.0	12.5	14.0
9	10.5	6.5	8.5	12.0	8.0	10.0	---	---	---	16.0	14.5	15.5
10	10.0	5.5	8.0	11.5	9.0	10.0	---	---	---	17.0	14.5	16.0
11	11.0	5.5	7.5	16.0	9.0	11.5	17.5	8.0	12.5	17.5	16.0	16.5
12	10.0	4.5	7.0	16.5	9.5	12.5	16.0	10.5	13.0	16.0	14.0	15.0
13	10.5	4.0	6.5	16.5	9.5	12.5	12.0	7.5	10.0	14.5	13.0	13.5
14	9.5	4.0	6.0	16.0	11.5	13.5	14.0	5.5	9.0	13.5	12.0	12.5
15	9.0	3.0	5.5	---	---	---	13.5	6.0	9.5	13.0	12.5	13.0
16	8.0	4.0	6.0	---	---	---	10.0	5.5	8.0	16.0	12.5	14.0
17	9.0	4.0	6.5	---	---	---	12.5	7.0	9.5	17.0	15.0	16.0
18	11.0	5.0	7.5	---	---	---	11.5	8.5	9.5	19.0	15.5	17.0
19	13.0	5.5	8.5	---	---	---	14.5	7.0	10.5	20.5	17.5	18.5
20	13.0	5.5	9.0	---	---	---	11.5	7.5	10.0	20.5	18.5	19.5
21	13.5	6.5	9.5	---	---	---	14.0	5.0	9.5	20.5	18.0	19.0
22	14.5	6.5	10.0	---	---	---	18.0	7.0	12.5	19.0	16.0	17.0
23	14.0	6.5	10.0	---	---	---	20.5	9.0	14.5	16.0	14.5	15.5
24	14.5	7.0	10.0	---	---	---	21.0	10.0	15.0	15.5	14.5	15.0
25	15.0	7.0	10.5	---	---	---	20.5	11.5	16.0	16.5	13.5	14.5
26	14.5	7.0	10.5	---	---	---	21.0	11.5	16.0	18.0	15.5	16.5
27	14.0	7.5	10.5	---	---	---	19.0	12.5	15.5	18.0	16.5	17.5
28	15.5	8.5	11.5	---	---	---	18.0	13.0	15.0	19.0	16.5	17.5
29	---	---	---	---	---	---	18.5	12.0	15.0	20.0	17.5	18.5
30	---	---	---	---	---	---	19.0	11.5	15.0	22.0	19.0	20.0
31	---	---	---	---	---	---	---	---	---	22.0	20.0	21.0
MONTH	15.5	3.0	8.2	---	---	---	---	---	---	22.0	10.5	15.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	22.0	20.0	21.0	22.0	19.0	21.0	26.5	20.5	23.5	24.0	20.0	22.0
2	21.0	18.5	19.5	22.5	19.0	21.0	26.5	22.0	24.0	24.5	21.0	22.5
3	21.0	17.5	19.5	24.0	21.0	22.5	27.0	22.0	24.5	23.5	20.5	22.5
4	21.5	19.0	20.5	24.0	20.5	22.5	28.0	22.5	25.0	24.5	20.5	22.5
5	21.5	17.0	18.5	25.0	21.5	23.5	27.5	23.0	25.0	24.0	19.0	21.5
6	17.0	14.5	15.5	25.0	22.5	24.0	27.5	22.5	25.0	23.5	18.0	20.5
7	15.5	13.0	14.5	25.5	22.0	23.5	25.0	22.0	23.5	24.5	18.0	21.0
8	16.0	13.5	14.5	25.0	22.5	23.5	24.0	19.0	21.5	23.5	18.0	20.5
9	18.5	15.0	16.5	25.0	22.5	24.0	23.5	19.5	22.0	23.5	17.5	20.0
10	20.5	17.0	19.0	24.0	21.5	23.0	24.0	20.5	22.5	23.0	18.5	20.5
11	22.0	18.5	20.5	23.5	21.0	22.5	23.5	19.0	21.5	22.5	18.5	20.5
12	22.5	19.5	21.0	23.0	20.0	21.5	24.5	19.5	22.0	23.5	18.5	20.5
13	22.5	19.5	21.0	22.0	18.5	20.5	25.0	20.0	22.5	23.0	18.0	20.5
14	22.0	18.0	19.5	23.5	19.0	21.5	25.0	20.0	22.5	23.0	18.5	20.5
15	18.0	15.0	16.5	24.0	20.5	22.5	26.5	21.0	23.5	22.0	19.0	21.0
16	17.0	13.5	15.0	26.0	22.0	24.0	24.0	21.0	22.5	22.0	20.0	21.0
17	17.5	15.5	16.5	25.5	23.0	24.0	24.0	19.0	21.5	21.5	17.5	19.5
18	19.5	16.5	17.5	24.5	21.0	23.0	23.0	18.0	20.5	21.0	18.0	19.5
19	19.0	16.5	18.0	25.0	21.0	23.5	23.5	18.5	21.0	21.5	18.0	20.0
20	18.5	16.5	17.5	25.5	22.5	24.0	24.0	19.5	22.0	22.0	18.5	20.5
21	19.5	16.5	18.0	25.5	22.0	24.0	27.0	21.5	24.0	20.0	17.5	18.5
22	21.5	18.0	19.5	25.0	21.5	23.5	26.5	22.5	24.5	18.5	16.0	17.5
23	23.0	19.5	21.0	26.0	21.0	23.5	27.0	23.0	24.5	20.0	16.0	17.5
24	24.0	21.0	22.5	26.0	21.5	24.0	26.5	22.0	24.5	20.0	17.0	18.5
25	25.0	22.0	23.5	26.5	21.0	24.0	26.0	21.5	23.5	20.0	16.5	18.5
26	24.5	22.5	23.5	26.5	21.0	23.5	25.0	20.5	23.0	19.5	17.5	18.5
27	24.5	22.0	23.5	26.5	21.0	24.0	23.5	20.0	22.0	19.0	17.0	18.0
28	24.5	22.5	24.0	25.0	22.5	24.5	23.5	19.5	21.5	18.5	16.0	17.0
29	24.5	22.0	23.5	25.5	23.0	24.0	22.5	18.5	21.0	17.5	15.0	16.0
30	23.5	21.0	22.0	25.0	20.5	22.5	23.5	19.0	21.0	17.0	13.5	15.0
31	---	---	---	25.0	19.5	22.0	23.5	19.0	21.5	---	---	---
MONTH	25.0	13.0	19.4	26.5	18.5	23.1	28.0	18.0	22.8	24.5	13.5	19.7

10312210 STILLWATER POINT RESERVOIR DIVERSION CANAL NEAR FALLON, NV--Continued

Water-quality measurements in the following table were made as part of the Stillwater Environmental Monitoring program in the Fallon area, western Nevada. The following analyses are quality-assurance samples processed during the 1995 sampling period and are defined in the section Water Quality-Control Data (page 25).

WATER-QUALITY DATA, JUNE 1995

DATE	TIME	QUALITY ASSURANCE SAMPLE (TYPE)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BORON, DIS-SOLVED (UG/L AS B) (01020)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)
JUN 1995 15...	0830	FIELD BLANK	<1	<1	<10	<10	<1

CARSON RIVER BASIN

10312218 STILLWATER SLOUGH AT STILLWATER, NV

LOCATION.--Lat 39°31'17", long 118°32'47", in SW $^1/_4$ SE $^1/_4$ sec.7, T.19 N., R.31 E., Churchill County, Hydrologic Unit 16050203, at State Highway 116 in Stillwater, 0.3 mi east of Freeman Lane, and about 13 mi northeast of Fallon.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--June 1986 to October 1989, March 1994 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: November 1994 to September 1995.
WATER TEMPERATURE: November 1994 to September 1995.

INSTRUMENTATION.--Specific conductance and water temperature monitor from November 1994 to September 1995, four times per hour.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. In April 1994, station was incorporated into the Stillwater Environmental Monitoring Program to gage environmental changes that may occur as a result of change in management of irrigation water of the Newlands Irrigation Project. Records represent water temperture at probe within 0.5°C.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 8,230 microsiemens, April 11, 1995; minimum recorded, 668 microsiemens, August 26, 1995.
WATER TEMPERATURE: Maximum recorded, 27.0°C, June 26, 27, 1995, minimum recorded, freezing point, November 19, 1994.

WATER-QUALITY DATA, FEBRUARY TO OCTOBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
FEB 1995									
28...	0850	1.4	5890	8.5	10.0	9.0	663	9.5	96
APR									
11...	1020	4.5	8230	8.3	11.5	12.0	662	9.6	106
MAY									
03...	1020	9.3	1270	8.0	19.0	13.5	660	7.8	87
JUN									
14...	1015	12	1450	8.0	21.5	19.0	657	6.4	80
JUL									
11...	0850	14	1490	7.9	22.0	20.0	663	6.5	83
11...	0851	14	1490	7.9	22.0	20.0	663	6.5	83
AUG									
09...	0930	14	1070	8.0	24.5	19.5	660	5.4	68
15...	1040	15	1110	8.1	24.0	21.5	646	7.2	93
SEP									
19...	1345	16	1090	8.0	30.0	19.5	665	8.1	102
OCT									
25...	1555	9.7	1700	8.5	24.5	10.0	662	14.3	147

DATE	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BORON, DIS-SOLVED (UG/L AS B) (01020)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)
FEB 1995								
28...	375	12	307	3580	35	6100	270	58
APR								
11...	426	--	349	5250	53	8000	200	53
MAY								
03...	256	--	210	758	33	1200	80	18
JUN								
14...	288	--	236	872	39	1500	100	16
JUL								
11...	261	--	214	892	35	1500	90	18
11...	161	--	214	928	35	1500	90	18
AUG								
09...	259	--	212	658	30	1100	80	21
15...	268	--	220	714	31	1100	90	18
SEP								
19...	267	--	219	668	31	1100	100	17
OCT								
25...	315	7	270	1080	2	1800	130	20

10312218 STILLWATER SLOUGH AT STILLWATER, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	3590	3350	3460	4370	4120	4250
2	---	---	---	---	---	---	3510	3310	3380	4500	4360	4420
3	---	---	---	---	---	---	3430	3260	3330	4460	4340	4390
4	---	---	---	---	---	---	3440	3310	3370	4340	4250	4300
5	---	---	---	---	---	---	3470	3370	3410	4300	3970	4160
6	---	---	---	---	---	---	3560	3470	3500	4000	3700	3870
7	---	---	---	---	---	---	3650	3560	3610	3720	3670	3690
8	---	---	---	---	---	---	3850	3630	3770	3930	3680	3780
9	---	---	---	---	---	---	3920	3780	3860	4000	3910	3950
10	---	---	---	---	---	---	4040	3850	3940	4370	3980	4180
11	---	---	---	---	---	---	4070	3980	4020	4400	4250	4320
12	---	---	---	---	---	---	3990	3720	3850	4320	4200	4260
13	---	---	---	---	---	---	3730	3440	3560	4420	4320	4390
14	---	---	---	---	---	---	3450	3290	3380	4500	4370	4440
15	---	---	---	---	---	---	3350	3300	3320	4530	4440	4500
16	---	---	---	---	---	---	3420	3280	3340	4640	4520	4580
17	---	---	---	---	---	---	3590	3380	3490	4680	4590	4640
18	---	---	---	---	---	---	3610	3480	3540	4680	4590	4620
19	---	---	---	3340	3070	3190	3710	3500	3600	4670	4580	4620
20	---	---	---	3230	3040	3140	3820	3640	3730	4650	4520	4580
21	---	---	---	3240	3110	3190	3850	3730	3790	4620	4400	4480
22	---	---	---	3430	3190	3310	3970	3790	3890	4580	4490	4530
23	---	---	---	3520	3290	3390	3930	3860	3900	4610	4550	4570
24	---	---	---	3420	3220	3330	3970	3820	3890	4590	4530	4560
25	---	---	---	3460	3340	3390	3830	3410	3640	4670	4570	4620
26	---	---	---	3400	3170	3280	3520	3160	3390	4660	4580	4630
27	---	---	---	3310	3180	3230	3520	2980	3230	4690	4600	4650
28	---	---	---	3430	3150	3300	3830	3440	3630	4730	4620	4670
29	---	---	---	3590	3230	3450	3820	3580	3720	4740	4650	4690
30	---	---	---	3590	3320	3460	3710	3300	3480	4720	4660	4690
31	---	---	---	---	---	---	4140	3710	3950	4830	4670	4730
MONTH	---	---	---	---	---	---	4140	2980	3610	4830	3670	4410

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	5020	4820	4930	---	---	---	6880	6760	6820	1520	1390	1430
2	5080	5010	5040	---	---	---	6930	6780	6850	1450	1300	1370
3	5140	5070	5100	5570	4040	4980	6940	6780	6840	1300	1210	1240
4	5190	5090	5150	6000	5520	5780	6930	6760	6820	1300	1220	1280
5	5220	5130	5170	6030	5680	5890	6890	6770	6820	1320	737	1060
6	5200	5110	5160	5900	5680	5770	6940	6800	6870	1620	816	1280
7	5170	5080	5130	6340	5890	6130	7010	6860	6930	1620	1370	1460
8	5140	1650	3970	6510	6270	6440	7010	6890	6940	3860	1560	2680
9	3420	1660	2540	6490	6290	6420	6990	6900	6940	3740	3310	3510
10	4640	3420	4100	6410	6190	6290	7020	6900	6950	3310	3060	3180
11	5170	4640	4930	6220	6040	6120	8230	2640	5530	3070	2770	2920
12	5220	5000	5130	6480	6100	6220	2860	2500	2670	2780	2560	2660
13	5010	4770	4860	6560	6420	6480	2850	2430	2650	2570	2420	2490
14	4810	4710	4750	6590	6420	6500	2440	1950	2140	2420	2310	2360
15	4780	4670	4740	6520	5690	6190	2040	1770	1960	2310	2180	2250
16	4790	4680	4750	5690	5330	5430	2370	1460	1690	2190	2130	2150
17	4950	4760	4820	5880	5420	5660	2420	1960	2210	2130	2010	2060
18	5130	4930	5050	6610	5860	6270	1980	1590	1680	2020	1900	1960
19	5340	5130	5230	6910	6600	6750	1940	1640	1730	1900	1790	1850
20	5480	5310	5390	7070	6900	7000	2130	1940	2080	1800	1740	1770
21	5560	5440	5500	7100	6980	7040	2130	2080	2110	1740	1690	1710
22	5590	5470	5530	7120	7030	7070	2200	2120	2150	1690	1640	1660
23	5650	5520	5590	7140	6920	7010	2310	2180	2230	1640	1610	1620
24	5730	5610	5670	6920	6730	6830	2430	1630	2280	1620	1580	1590
25	5780	5660	5730	6740	6600	6660	2320	1480	1830	1590	1560	1580
26	5840	5720	5780	6620	6510	6570	1700	1300	1480	1570	1550	1560
27	5880	5770	5830	6580	6480	6540	2020	1420	1620	1570	1500	1530
28	---	---	---	6550	6470	6520	2400	1670	2130	1730	1560	1650
29	---	---	---	6580	6470	6530	1760	1240	1470	1760	1690	1730
30	---	---	---	6700	6560	6630	1560	1280	1380	1730	1700	1720
31	---	---	---	6820	6660	6740	---	---	---	1720	1680	1700
MONTH	---	---	---	---	---	---	8230	1240	3730	3860	737	1900

CARSON RIVER BASIN

10312218 STILLWATER SLOUGH AT STILLWATER, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1690	1660	1670	1710	1600	1660	1250	1070	1190	1010	874	947
2	1670	1640	1660	1610	1520	1550	---	---	---	985	897	943
3	1660	1630	1640	1520	1450	1480	---	---	---	909	825	886
4	1640	1580	1620	1450	1370	1400	---	---	---	1050	849	950
5	1580	1520	1540	1380	1330	1350	1180	1110	1140	1070	996	1060
6	1530	1490	1510	1330	1310	1320	1120	1070	1090	1170	988	1080
7	1500	1480	1490	1330	1300	1320	1080	1030	1050	1260	1170	1230
8	1490	1460	1480	1350	1330	1340	1050	1030	1040	1290	923	1080
9	1470	1430	1460	1370	1340	1350	1160	1030	1070	953	896	923
10	1440	1410	1420	1370	1350	1360	1370	1040	1170	1000	900	921
11	1430	1400	1410	1450	1170	1340	1340	996	1130	1130	972	1070
12	1420	1370	1400	1370	1170	1260	1150	995	1090	1190	997	1080
13	1410	1370	1390	1350	1300	1320	1000	957	974	1230	1090	1190
14	1470	1350	1420	1330	1090	1200	1110	929	1010	1110	844	994
15	1710	1340	1470	1110	1040	1090	1160	962	1070	1000	847	914
16	1650	829	1160	1090	1020	1060	1010	900	950	1100	1000	1060
17	1360	1030	1210	1040	982	1020	900	769	828	1110	1040	1100
18	1030	940	968	1230	973	1090	1300	767	960	1100	885	968
19	1270	1010	1140	1200	1050	1130	1040	823	924	1160	972	1090
20	1480	1270	1410	1050	941	976	944	783	835	1130	972	1040
21	1570	1370	1480	955	938	946	952	865	919	1170	1080	1110
22	1550	1070	1340	1050	941	1020	1080	847	930	1110	1000	1030
23	1380	1080	1210	1040	1010	1020	1080	869	966	1260	1010	1150
24	1690	1200	1410	1110	1030	1080	1060	863	983	1250	1160	1200
25	1690	1340	1480	1270	1090	1240	863	749	807	1160	1000	1050
26	1930	1470	1720	1210	1070	1130	901	668	791	1410	1020	1170
27	1880	1690	1750	1210	1100	1160	1030	901	980	1240	1090	1160
28	1870	1820	1850	1200	1130	1170	988	856	935	1240	968	1100
29	1880	1810	1850	1160	1100	1140	898	809	847	968	826	868
30	1820	1710	1780	1100	992	1030	904	833	864	1140	930	1040
31	---	---	---	1070	1020	1050	972	861	908	---	---	---
MONTH	1930	829	1480	1710	938	1210	---	---	---	1410	825	1050

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	4.5	1.0	2.5	2.5	.5	1.0
2	---	---	---	---	---	---	5.0	1.5	3.5	2.5	.5	1.0
3	---	---	---	---	---	---	5.5	3.0	4.0	3.0	.5	1.5
4	---	---	---	---	---	---	6.0	3.5	4.5	2.5	1.5	1.5
5	---	---	---	---	---	---	5.5	3.5	4.5	4.0	1.0	2.0
6	---	---	---	---	---	---	6.0	3.0	4.0	3.5	.5	2.0
7	---	---	---	---	---	---	4.5	1.5	3.0	4.5	1.5	2.5
8	---	---	---	---	---	---	3.5	.5	1.5	5.5	3.0	4.0
9	---	---	---	---	---	---	3.5	.5	1.5	8.0	5.0	6.5
10	---	---	---	---	---	---	3.0	.5	1.5	9.5	6.5	7.5
11	---	---	---	---	---	---	3.5	.5	2.0	7.5	5.0	6.0
12	---	---	---	---	---	---	3.5	2.0	2.0	7.0	4.5	5.5
13	---	---	---	---	---	---	4.0	1.0	2.0	9.0	5.5	7.0
14	---	---	---	---	---	---	2.0	.5	1.5	8.0	6.0	7.0
15	---	---	---	---	---	---	3.0	1.0	1.5	7.5	4.5	6.0
16	---	---	---	---	---	---	4.0	1.0	2.0	6.0	3.5	4.5
17	---	---	---	---	---	---	3.5	.5	1.5	5.0	2.0	3.5
18	---	---	---	---	---	---	4.0	.5	2.0	5.0	2.0	3.0
19	---	---	---	3.5	.0	1.0	3.5	.5	1.5	5.5	1.5	3.0
20	---	---	---	4.0	.5	2.0	3.5	.5	1.5	5.0	1.5	3.0
21	---	---	---	3.5	1.0	2.0	4.0	.5	1.5	6.5	3.5	4.0
22	---	---	---	3.5	.5	1.5	3.5	.5	1.5	6.0	3.0	4.0
23	---	---	---	3.5	.5	1.5	3.5	1.0	1.5	7.0	4.0	5.0
24	---	---	---	4.0	.5	2.0	4.5	.5	2.0	8.0	5.0	6.0
25	---	---	---	4.5	1.5	2.0	2.5	1.0	1.5	8.0	6.0	7.0
26	---	---	---	3.5	.5	1.5	3.0	.5	1.5	8.0	5.0	6.5
27	---	---	---	4.0	.5	1.5	3.5	1.0	2.5	6.5	4.5	5.5
28	---	---	---	3.5	.5	1.5	3.0	2.0	2.5	7.5	5.0	6.0
29	---	---	---	4.0	.5	2.0	2.5	1.5	2.5	8.0	6.0	7.0
30	---	---	---	4.5	.5	2.0	4.0	1.0	2.0	10.5	7.0	8.0
31	---	---	---	---	---	---	2.5	.5	1.5	12.0	8.0	9.5
MONTH	---	---	---	---	---	---	6.0	.5	2.2	12.0	.5	4.7

CARSON RIVER BASIN

10312218 STILLWATER SLOUGH AT STILLWATER, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.0	9.0	10.0	---	---	---	16.0	9.5	11.5	18.0	14.5	16.5
2	12.0	7.0	9.0	---	---	---	17.0	7.5	11.5	17.0	13.0	15.5
3	11.0	6.0	8.0	12.5	8.0	10.5	18.5	8.0	12.0	17.0	13.5	15.5
4	10.5	5.5	7.5	10.5	5.5	8.0	19.5	9.0	13.0	17.5	14.5	16.0
5	10.5	5.0	7.0	10.0	6.0	7.5	16.0	10.0	13.0	16.5	10.5	13.0
6	10.0	4.5	7.0	11.5	4.0	7.0	16.5	11.0	13.0	12.0	11.0	11.5
7	11.0	5.5	8.0	11.5	3.5	7.5	17.5	11.5	13.5	14.0	11.5	12.5
8	8.5	4.0	6.5	12.0	6.5	9.0	16.0	9.5	12.0	17.0	12.5	15.0
9	9.0	4.0	6.0	12.0	8.0	9.5	14.0	7.5	10.0	17.0	14.0	16.0
10	9.0	4.5	6.5	11.5	9.0	10.0	15.5	5.5	10.0	18.5	13.5	16.5
11	9.5	4.5	6.5	15.0	9.5	11.0	14.5	9.0	11.5	19.0	15.5	17.5
12	9.0	4.5	6.5	16.0	9.5	12.0	15.5	11.5	13.0	16.5	13.5	15.0
13	9.0	4.5	6.5	15.5	10.0	12.5	12.5	8.5	10.5	15.0	12.5	14.0
14	7.5	4.0	5.5	14.0	11.0	12.5	11.0	6.5	9.0	13.5	11.5	13.0
15	7.0	2.0	4.0	16.5	10.0	12.5	11.5	7.5	9.0	14.0	12.0	13.0
16	6.5	2.5	4.5	14.5	9.5	11.5	8.5	7.5	8.0	17.0	11.5	14.5
17	8.5	3.5	5.5	15.0	7.5	11.0	11.0	7.5	9.5	19.0	14.0	16.5
18	10.5	5.0	7.0	14.5	9.0	11.0	10.5	9.0	10.0	21.0	15.5	18.5
19	11.0	5.5	8.0	14.0	7.0	10.5	12.5	8.0	10.0	22.0	16.5	20.0
20	12.0	6.0	8.5	14.5	9.5	11.0	11.5	8.0	10.5	22.5	18.0	20.5
21	12.5	6.5	9.0	14.0	8.0	10.0	12.0	6.5	9.5	22.0	18.5	20.5
22	13.0	6.5	9.5	12.0	5.5	8.0	15.0	9.0	12.0	21.0	17.0	18.0
23	13.0	7.0	9.5	11.5	4.0	7.5	17.0	10.5	13.5	18.0	16.0	17.0
24	13.5	7.0	9.5	9.5	5.0	7.0	18.5	11.5	15.0	17.5	15.0	16.5
25	13.5	7.5	10.0	9.5	4.5	6.5	21.0	13.0	16.0	18.0	14.0	16.0
26	---	---	---	11.0	3.5	6.5	17.5	12.5	15.5	20.0	15.5	18.0
27	12.5	8.0	10.0	13.5	4.0	7.5	19.5	14.5	16.5	21.0	17.0	19.0
28	---	---	---	12.0	5.0	8.0	16.5	14.0	15.0	22.0	16.5	19.5
29	---	---	---	14.0	5.0	8.5	17.0	13.0	15.0	23.0	17.5	20.5
30	---	---	---	15.5	5.5	9.5	16.5	13.0	15.0	24.0	18.5	21.5
31	---	---	---	16.5	6.5	11.0	---	---	---	24.5	19.5	21.5
MONTH	---	---	---	---	---	---	21.0	5.5	12.1	24.5	10.5	16.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	24.0	20.5	22.0	23.5	19.0	21.5	24.5	20.5	22.5	23.5	20.0	22.0
2	22.0	19.0	20.5	24.0	19.5	22.0	---	---	---	23.5	21.5	22.5
3	22.5	18.0	20.5	23.5	20.0	22.0	---	---	---	23.5	21.5	22.5
4	24.5	20.0	22.0	24.5	20.0	22.5	---	---	---	24.5	21.0	22.5
5	22.0	17.5	19.5	25.5	21.0	23.5	26.0	23.0	24.5	23.0	20.0	21.5
6	17.5	15.5	16.0	25.5	22.0	24.0	26.0	23.0	24.5	22.0	19.0	20.5
7	17.0	13.5	15.0	25.5	21.0	23.5	24.5	22.0	23.5	22.5	19.0	20.5
8	17.0	13.5	15.0	25.0	22.0	24.0	23.5	20.0	21.5	22.0	19.0	20.5
9	20.5	15.0	17.5	26.5	22.0	24.0	24.5	19.5	22.0	22.0	18.5	20.5
10	23.0	17.0	19.5	26.0	21.0	23.5	23.5	20.5	22.0	21.5	19.5	20.5
11	24.0	18.5	21.0	26.0	20.5	23.0	22.5	19.5	21.0	22.5	18.5	20.5
12	25.0	18.5	21.5	23.5	21.0	22.0	23.0	20.0	21.5	22.5	18.0	20.5
13	24.5	19.0	21.5	22.5	18.5	20.5	23.5	20.5	22.0	22.0	18.0	20.0
14	21.5	18.0	19.5	23.5	19.0	21.5	24.0	20.0	22.0	22.0	18.0	20.5
15	18.5	15.0	16.5	24.5	20.5	22.5	24.5	21.0	22.5	23.0	19.0	21.0
16	17.0	11.5	14.0	25.5	21.5	23.5	23.5	21.5	22.5	22.0	19.5	21.0
17	17.0	14.5	16.0	25.0	23.0	24.0	23.0	20.0	21.5	21.0	18.0	19.5
18	20.0	15.5	17.5	25.0	21.0	23.0	22.0	19.0	20.5	21.5	18.0	20.0
19	20.0	15.5	18.0	25.0	21.5	23.5	22.0	19.0	20.5	21.0	18.0	19.5
20	18.5	15.5	17.5	26.0	22.5	24.5	23.0	21.0	22.0	21.0	17.5	19.5
21	20.5	15.5	18.0	26.0	22.0	24.0	24.5	21.5	23.0	19.5	16.5	18.0
22	23.0	17.0	20.0	25.5	21.0	23.5	25.5	23.0	24.0	18.0	15.5	17.0
23	25.0	18.0	21.5	24.5	21.0	23.0	26.0	23.0	24.5	19.0	15.5	17.5
24	25.5	20.0	23.0	25.0	21.0	23.0	25.5	23.0	24.5	19.0	16.0	17.5
25	26.5	23.0	24.5	25.5	22.0	24.0	25.5	22.0	24.0	19.0	16.0	18.0
26	27.0	22.0	24.5	25.5	20.5	23.0	24.0	21.0	22.5	19.0	15.5	17.5
27	27.0	21.5	24.0	25.0	21.0	23.0	23.5	20.5	22.0	18.5	15.0	17.0
28	26.5	22.0	24.5	24.5	22.5	24.0	23.0	20.0	21.5	18.0	14.5	16.5
29	25.5	20.5	23.0	25.0	22.5	24.0	22.5	19.5	21.0	17.0	14.5	16.0
30	24.0	21.0	22.5	24.0	21.0	22.5	22.5	19.5	21.0	15.5	13.0	14.5
31	---	---	---	23.5	19.5	22.0	23.0	19.5	21.0	---	---	---
MONTH	27.0	11.5	19.9	26.5	18.5	23.0	---	---	---	24.5	13.0	19.5

CARSON RIVER BASIN

1031221902 S-LINE DIVERSION CANAL NEAR STILLWATER, NV

LOCATION.--Lat 39°32'01", long 118°31'06", in NE $^1/_4$ NE $^1/_4$ sec.8, T.19 N., R.31 E., Churchill County, Hydrologic Unit 16050203, on left bank, off Hunter Road, 250 ft above confluence with West Canal, 1.5 mi north of U.S.F.W.S. Stillwater Headquarters, and 2 mi northeast of Stillwater.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1991 to September 1992, March 1993 to current year (irrigation season only).

GAGE.--Water-stage recorder. Elevation of gage is 3,880 ft above sea level, from topographic map.

REMARKS.--Records fair. Annual mean in listed below represents average discharge for water year 1992. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

EXTREMES FOR CURRENT YEAR.--Maximum discharge during period October 1994 and March to September, 39 ft^3/s, July 20, gage height, 4.54 ft; no flow during periods of each month.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	---	---	---	---	.00	.00	.82	4.7	8.9	.00	22
2	.00	---	---	---	---	.00	.00	.30	11	14	.00	26
3	.00	---	---	---	---	.00	.00	.11	22	13	.00	30
4	.00	---	---	---	---	.00	.00	.15	17	11	.00	23
5	.00	---	---	---	---	.00	.00	22	17	22	.00	7.6
6	.00	---	---	---	---	.00	.00	24	21	11	.00	4.6
7	.00	---	---	---	---	.00	.00	28	22	6.6	.00	13
8	.00	---	---	---	---	.00	.00	27	21	8.9	.00	20
9	.00	---	---	---	---	.00	.00	27	22	21	.00	19
10	.00	---	---	---	---	.00	.00	28	17	24	.00	27
11	.00	---	---	---	---	.00	.00	27	22	13	.00	31
12	.00	---	---	---	---	.00	.00	8.1	22	11	.00	34
13	.00	---	---	---	---	.00	.00	.53	31	8.9	.00	23
14	.00	---	---	---	---	.00	.00	8.7	24	9.2	.00	29
15	.00	---	---	---	---	.00	.00	32	21	8.9	.00	29
16	.00	---	---	---	---	.00	.00	34	26	7.6	.00	22
17	.00	---	---	---	---	.00	.00	35	26	6.4	.00	29
18	.00	---	---	---	---	.00	.00	25	29	6.4	.00	27
19	.00	---	---	---	---	.00	.00	22	20	3.4	.00	27
20	.00	---	---	---	---	.00	.00	16	27	1.3	.00	14
21	.00	---	---	---	---	.00	.00	20	27	.70	.00	26
22	.00	---	---	---	---	.00	.00	31	19	.39	15	25
23	.00	---	---	---	---	.00	.00	27	11	.15	33	25
24	.00	---	---	---	---	.00	.00	31	13	.02	32	30
25	.00	---	---	---	---	.00	.00	34	15	.00	31	27
26	.00	---	---	---	---	.00	.00	29	23	.00	32	28
27	.00	---	---	---	---	.00	.00	29	27	.00	28	28
28	.00	---	---	---	---	.00	11	28	19	.00	33	26
29	.00	---	---	---	---	.00	18	31	20	.00	23	22
30	.00	---	---	---	---	.00	6.9	27	16	.00	17	28
31	.00	---	---	---	---	.00	---	15	---	.00	16	---
TOTAL	0.00	---	---	---	---	0.00	35.90	667.71	612.7	217.76	260.00	722.2
MEAN	.000	---	---	---	---	.000	1.20	21.5	20.4	7.02	8.39	24.1
MAX	.00	---	---	---	---	.00	18	35	31	24	33	34
MIN	.00	---	---	---	---	.00	.00	.11	4.7	.00	.00	4.6
AC-FT	.00	---	---	---	---	.00	71	1320	1220	432	516	1430

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1995, BY WATER YEAR (WY)

MEAN	3.01	.000	.000	.000	.000	.000	3.85	10.6	9.50	9.85	9.52	11.0
MAX	6.01	.000	.000	.000	.000	.000	7.35	21.5	20.4	13.4	16.9	24.1
(WY)	1992	1992	1992	1992	1992	1992	1994	1995	1995	1993	1993	1995
MIN	.000	.000	.000	.000	.000	.000	1.02	5.39	4.53	7.02	.23	.000
(WY)	1995	1992	1992	1992	1992	1992	1992	1993	1994	1995	1992	1992

SUMMARY STATISTICS	WATER YEARS 1991 - 1995	
ANNUAL MEAN	2.82	
HIGHEST ANNUAL MEAN	2.82	1992
LOWEST ANNUAL MEAN	2.82	1992
HIGHEST DAILY MEAN	39	Jul 31 1993
LOWEST DAILY MEAN	.00	May 24 1991
ANNUAL SEVEN-DAY MINIMUM	.00	May 24 1991
INSTANTANEOUS PEAK FLOW	45	Jul 31 1993
INSTANTANEOUS PEAK STAGE	4.71	Jul 31 1993
ANNUAL RUNOFF (AC-FT)	2040	
10 PERCENT EXCEEDS	25	
50 PERCENT EXCEEDS	.00	
90 PERCENT EXCEEDS	.00	

CARSON RIVER BASIN

1031221902 S-LINE DIVERSION CANAL NEAR STILLWATER, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1991 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE.--June 1991 to current year.
WATER TEMPERATURE.--June 1991 to current year.

INSTRUMENTATION.--Water-quality monitor June 1991 to September 1992, hourly; March 1993 to current year (irrigation season only), hourly.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. In April 1994, station was incorporated into the Stillwater Environmental Monitoring Program to gage environmental changes that may occur as a result of change in management of irrigation water of the Newlands Irrigation Project. Records represent water temperature at probe within 0.5°C. Interruptions in record due to intermittent streamflow (see Water-Discharge Record). Reported values are for days with continuous flow.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE.--Maximum recorded, 914 microsiemens, April 2, 1994; minimum recorded, 236 microsiemens, July 11, 12, September 2, 1995.
WATER TEMPERATURE.--Maximum recorded, 30.0°C, August 3, 1993, July 28, 1994; minimum recorded, 8.0°C, April 19, 1993.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE.--Maximum recorded, 595 microsiemens, April 29; minimum recorded, 236 microsiemens, July 11,12, September 2.
WATER TEMPERATURE.--Maximum recorded, 29.0°C, July 8, 11, 18; minimum recorded, 11.0°C, May 14.

WATER-QUALITY DATA, MAY TO OCTOBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
MAY 1995									
09...	1405	32	365	8.8	18.5	17.0	663	10.6	127
JUN									
05...	1510	17	387	9.0	20.0	21.5	663	12.6	165
JUL									
18...	1010	6.6	267	8.9	26.0	22.5	660	8.3	111
AUG									
22...	1210	31	275	8.9	32.0	26.0	665	8.9	127
SEP									
22...	1010	25	273	7.9	24.5	18.0	665	7.7	94
OCT									
27...	1015	18	262	8.4	16.0	11.5	662	8.8	93

DATE	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BORON, DIS-SOLVED (UG/L AS B) (01020)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)
MAY 1995								
09...	100	5	90	226	12	330	40	6
JUN								
05...	98	17	108	238	15	320	30	6
JUL								
18...	79	9	80	172	13	170	20	6
AUG								
22...	85	9	85	--	--	--	--	--
SEP								
22...	108	--	89	168	12	180	20	6
OCT								
27...	98	1	83	174	10	170	20	6

CARSON RIVER BASIN

1031221902 S-LINE DIVERSION CANAL NEAR STILLWATER, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	591	582	586
2	---	---	---	---	---	---	---	---	---	594	577	587
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	564	387	440
6	---	---	---	---	---	---	---	---	---	407	370	391
7	---	---	---	---	---	---	---	---	---	522	363	405
8	---	---	---	---	---	---	---	---	---	378	362	369
9	---	---	---	---	---	---	---	---	---	372	364	367
10	---	---	---	---	---	---	---	---	---	386	368	374
11	---	---	---	---	---	---	---	---	---	412	386	400
12	---	---	---	---	---	---	---	---	---	433	395	415
13	---	---	---	---	---	---	---	---	---	438	411	427
14	---	---	---	---	---	---	---	---	---	450	397	427
15	---	---	---	---	---	---	---	---	---	430	391	410
16	---	---	---	---	---	---	---	---	---	392	354	376
17	---	---	---	---	---	---	---	---	---	399	367	386
18	---	---	---	---	---	---	---	---	---	411	376	393
19	---	---	---	---	---	---	---	---	---	399	358	380
20	---	---	---	---	---	---	---	---	---	407	371	382
21	---	---	---	---	---	---	---	---	---	407	378	390
22	---	---	---	---	---	---	---	---	---	398	362	375
23	---	---	---	---	---	---	---	---	---	405	349	373
24	---	---	---	---	---	---	---	---	---	375	344	356
25	---	---	---	---	---	---	---	---	---	350	332	340
26	---	---	---	---	---	---	---	---	---	357	332	345
27	---	---	---	---	---	---	---	---	---	382	351	368
28	---	---	---	---	---	---	---	---	---	375	354	362
29	---	---	---	---	---	---	595	542	568	360	338	351
30	---	---	---	---	---	---	585	517	558	369	338	357
31	---	---	---	---	---	---	---	---	---	386	347	368
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	388	357	379	396	385	391	---	---	---	306	247	273
2	383	355	369	394	381	387	---	---	---	248	236	242
3	400	361	385	381	348	367	---	---	---	261	241	252
4	407	389	399	348	312	331	---	---	---	259	244	251
5	414	380	388	312	258	284	---	---	---	279	259	269
6	456	381	416	283	270	276	---	---	---	---	---	---
7	381	354	367	292	279	285	---	---	---	---	---	---
8	361	328	339	294	285	290	---	---	---	318	248	266
9	360	337	346	285	256	271	---	---	---	354	318	343
10	343	331	336	257	247	251	---	---	---	349	316	330
11	356	322	341	256	236	249	---	---	---	317	314	316
12	348	331	337	248	236	243	---	---	---	314	283	297
13	345	323	333	252	242	248	---	---	---	298	279	286
14	349	320	330	250	246	248	---	---	---	297	286	291
15	336	318	325	255	245	250	---	---	---	317	278	294
16	362	329	340	258	254	256	---	---	---	312	269	282
17	372	329	351	261	253	256	---	---	---	282	268	273
18	329	309	317	273	253	261	---	---	---	293	281	289
19	339	317	325	---	---	---	---	---	---	288	280	283
20	351	302	324	---	---	---	---	---	---	283	275	278
21	303	291	294	---	---	---	---	---	---	279	267	272
22	291	265	275	---	---	---	---	---	---	278	252	266
23	345	272	292	---	---	---	273	261	268	267	245	258
24	319	291	303	---	---	---	277	261	268	268	248	255
25	320	301	312	---	---	---	265	249	256	259	252	255
26	342	302	322	---	---	---	261	248	252	266	239	251
27	359	329	345	---	---	---	284	252	264	266	241	249
28	368	344	358	---	---	---	328	272	297	269	243	255
29	377	352	366	---	---	---	361	319	339	297	265	277
30	385	368	376	---	---	---	367	289	352	310	275	288
31	---	---	---	---	---	---	297	250	270	---	---	---
MONTH	456	265	343	---	---	---	---	---	---	---	---	---

CARSON RIVER BASIN

1031221902 S-LINE DIVERSION CANAL NEAR STILLWATER, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	19.0	14.5	16.5
2	---	---	---	---	---	---	---	---	---	19.0	11.5	15.0
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	16.0	12.0	14.0
6	---	---	---	---	---	---	---	---	---	13.5	12.0	13.0
7	---	---	---	---	---	---	---	---	---	14.5	12.0	13.5
8	---	---	---	---	---	---	---	---	---	17.5	12.0	14.5
9	---	---	---	---	---	---	---	---	---	17.5	13.5	15.5
10	---	---	---	---	---	---	---	---	---	19.0	14.0	16.5
11	---	---	---	---	---	---	---	---	---	19.5	16.0	17.5
12	---	---	---	---	---	---	---	---	---	20.0	14.5	17.0
13	---	---	---	---	---	---	---	---	---	15.5	12.0	14.0
14	---	---	---	---	---	---	---	---	---	17.5	11.0	14.0
15	---	---	---	---	---	---	---	---	---	15.5	12.5	14.0
16	---	---	---	---	---	---	---	---	---	16.5	12.0	14.0
17	---	---	---	---	---	---	---	---	---	18.5	14.5	16.5
18	---	---	---	---	---	---	---	---	---	20.0	16.0	18.0
19	---	---	---	---	---	---	---	---	---	21.5	17.5	19.5
20	---	---	---	---	---	---	---	---	---	24.0	18.5	21.0
21	---	---	---	---	---	---	---	---	---	23.0	19.5	21.0
22	---	---	---	---	---	---	---	---	---	20.5	17.5	18.5
23	---	---	---	---	---	---	---	---	---	18.0	15.5	16.5
24	---	---	---	---	---	---	---	---	---	16.5	15.0	15.5
25	---	---	---	---	---	---	---	---	---	16.5	14.0	15.0
26	---	---	---	---	---	---	---	---	---	19.5	14.5	17.0
27	---	---	---	---	---	---	---	---	---	19.5	16.5	18.0
28	---	---	---	---	---	---	---	---	---	20.5	16.5	18.5
29	---	---	---	---	---	---	16.5	13.5	15.0	21.5	18.0	19.5
30	---	---	---	---	---	---	18.0	12.5	15.0	23.0	19.0	21.0
31	---	---	---	---	---	---	---	---	---	25.5	19.5	22.5
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.0	19.0	21.5	24.5	22.5	23.5	---	---	---	25.5	21.5	23.5
2	23.0	19.0	20.5	26.0	22.5	24.0	---	---	---	26.0	23.0	24.0
3	22.0	18.5	20.0	26.0	23.0	24.5	---	---	---	25.5	23.0	24.0
4	24.5	19.0	21.5	26.0	23.0	24.5	---	---	---	27.5	22.0	24.0
5	21.5	19.0	20.0	27.0	23.5	25.0	---	---	---	27.5	18.5	22.0
6	19.0	16.0	17.5	26.0	24.5	25.0	---	---	---	26.0	18.5	22.0
7	16.5	14.5	15.5	27.5	24.0	25.5	---	---	---	27.5	20.5	23.0
8	16.5	14.0	15.0	29.0	24.0	26.5	---	---	---	24.5	21.0	22.5
9	19.0	14.5	16.5	28.5	25.0	26.5	---	---	---	26.0	20.0	22.5
10	22.0	16.5	19.0	27.5	24.5	26.0	---	---	---	24.5	20.0	22.5
11	23.0	19.0	21.0	29.0	24.0	26.0	---	---	---	25.0	20.5	23.0
12	24.5	20.0	22.5	26.0	23.5	24.5	---	---	---	24.5	21.0	22.5
13	24.5	21.0	23.0	25.0	22.0	23.5	---	---	---	25.5	20.0	22.5
14	23.0	20.0	21.5	25.5	22.0	23.5	---	---	---	24.5	19.5	22.5
15	20.0	17.5	19.0	27.0	23.5	25.0	---	---	---	26.0	21.0	23.0
16	19.0	16.5	17.5	28.5	24.5	26.5	---	---	---	25.5	21.5	23.0
17	18.5	16.5	17.5	28.0	25.5	26.5	---	---	---	24.5	19.5	21.5
18	20.5	17.0	18.5	29.0	24.0	26.0	---	---	---	23.5	19.5	21.5
19	21.0	17.5	19.0	---	---	---	---	---	---	24.5	19.5	22.0
20	20.0	18.0	19.0	---	---	---	---	---	---	24.0	20.0	22.0
21	21.5	17.5	19.5	---	---	---	---	---	---	21.5	19.5	20.5
22	23.5	18.5	21.0	---	---	---	---	---	---	20.0	18.5	19.0
23	24.5	20.0	21.5	---	---	---	28.0	23.5	25.0	21.5	17.5	19.5
24	26.5	22.0	24.0	---	---	---	26.5	23.5	25.0	22.0	17.5	19.5
25	27.5	24.0	25.5	---	---	---	27.0	23.0	25.0	22.0	18.0	20.0
26	28.0	25.0	26.5	---	---	---	26.5	23.0	24.5	21.0	18.0	19.5
27	28.0	24.5	26.0	---	---	---	26.5	22.5	24.0	21.5	17.5	19.5
28	28.0	25.0	26.5	---	---	---	25.5	22.5	23.5	21.5	17.0	19.0
29	27.5	24.5	26.0	---	---	---	25.5	21.0	23.0	20.5	16.5	18.0
30	27.0	24.0	25.0	---	---	---	25.0	21.0	23.0	18.0	14.5	16.5
31	---	---	---	---	---	---	25.5	20.5	23.0	---	---	---
MONTH	28.0	14.0	20.9	---	---	---	---	---	---	27.5	14.5	21.5

1031221902 S-LINE DIVERSION CANAL NEAR STILLWATER, NV--Continued

Water-quality measurements in the following table were made as part of the Stillwater Environmental Monitoring program in the Fallon area, western Nevada. The following analyses are quality-assurance samples processed during the 1995 sampling period and are defined in the section Water Quality-Control Data (page 25).

WATER-QUALITY DATA, JULY TO OCTOBER 1995

DATE	TIME	QUALITY ASSURANCE SAMPLE (TYPE)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)
JUL 1995											
18...	1400	FIELD BLANK	0.05	0.004	0.05	0.1	0.41	--	6	<0.2	--
SEP											
22...	1200	FIELD BLANK	--	--	--	--	--	8	--	--	<1
OCT											
27...	1400	FIELD BLANK	0.01	0.014	0.05	0.1	<0.02	--	4	<0.2	<1

DATE	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
JUL 1995									
18...	0.6	<0.2	10	<0.3	0.3	<0.2	2	3	<0.3
SEP									
22...	--	--	10	--	--	--	--	--	--
OCT									
27...	<0.2	<0.2	8	<0.3	0.2	<0.2	<0.2	<3	<0.3

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG) (71900)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)
JUL 1995									
18...	--	0.2	<0.10	<0.2	1	<0.2	<0.1	4	<0.20
SEP									
22...	<10	--	<0.10	<1	--	--	--	--	--
OCT									
27...	<10	<0.1	<0.10	<0.2	<1	<0.2	<0.1	7	<0.20

CARSON RIVER BASIN

10312275 CARSON RIVER AT TARZYN ROAD NEAR FALLON, NV

LOCATION.--Lat 39°33'32", long 118°43'30", in NE $^1/_4$ NE $^1/_4$ sec.33, T.19 N., R.29 E., Churchill County, Hydrologic Unit 16050203, on right bank, 7 mi north-northeast of Fallon.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1985 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 3,900 ft above sea level, from topographic map.

REMARKS.--Records poor. Natural flow affected by irrigation development above station (Newlands Project) and by storage in Lahontan Reservoir (station 10312100). No flow at times some years. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	68	5.0	7.2	e7.2	4.1	3.3	2.5	12	725	550	27	5.2
2	72	5.0	7.1	e7.0	4.1	3.1	2.4	11	732	676	25	5.3
3	69	4.7	7.0	e7.0	4.1	3.1	2.3	11	741	720	25	6.5
4	48	4.7	7.0	e6.8	4.2	3.0	1.8	12	835	697	29	7.6
5	3.0	4.7	7.2	6.7	4.2	3.0	2.3	18	844	648	24	5.2
6	4.7	4.9	7.3	6.7	4.1	3.0	4.5	14	796	662	21	5.0
7	4.6	4.9	7.5	6.6	4.1	3.0	4.9	11	694	631	20	4.9
8	4.5	5.0	7.4	6.6	4.8	2.9	5.7	11	647	544	19	4.7
9	4.2	5.0	7.4	6.5	4.6	2.7	4.0	11	635	605	19	6.4
10	6.2	4.8	7.8	6.4	4.4	2.7	3.3	11	632	637	23	7.0
11	3.5	4.9	7.3	6.4	4.5	2.6	2.0	12	627	639	21	5.9
12	3.4	5.0	7.4	6.1	4.6	2.6	1.6	23	623	631	18	5.2
13	3.2	4.9	7.5	5.8	4.8	2.7	1.4	114	605	598	21	5.4
14	3.1	5.0	7.4	5.4	4.9	2.7	1.3	294	563	412	19	4.4
15	3.3	5.0	7.4	5.3	4.8	2.7	1.6	516	533	359	18	5.7
16	3.7	5.0	7.4	5.3	4.6	2.7	2.5	616	614	145	18	4.7
17	3.6	5.0	7.4	4.9	4.4	2.7	1.2	592	694	168	15	4.4
18	3.6	5.2	7.5	4.8	4.1	2.7	1.0	669	718	168	15	5.7
19	3.4	5.2	7.4	4.6	4.0	2.6	.94	660	705	123	16	3.9
20	3.3	5.1	13	4.5	3.9	2.6	.82	644	667	61	14	3.8
21	3.4	5.1	11	4.4	3.8	2.7	.76	684	654	33	20	3.9
22	3.5	5.2	8.3	4.3	3.6	2.5	.69	718	654	25	14	4.6
23	3.2	5.1	e8.0	4.3	3.5	2.5	.75	718	600	21	15	4.4
24	3.2	5.3	e8.0	4.3	3.4	2.5	1.4	786	514	13	12	3.8
25	3.4	6.8	e7.8	4.3	3.4	2.4	1.8	807	428	9.4	12	3.8
26	3.4	6.9	e7.6	4.2	3.3	2.4	2.1	704	419	11	7.9	4.7
27	3.5	7.0	e7.8	4.2	3.2	2.3	5.4	767	390	12	7.3	3.8
28	3.4	7.1	e7.6	4.2	3.3	2.3	19	816	416	13	6.1	3.8
29	4.7	7.2	e7.4	4.3	---	2.2	14	792	473	27	6.0	3.7
30	5.0	7.2	e7.4	4.4	---	2.4	12	789	539	31	6.9	3.7
31	5.1	---	e7.2	4.3	---	2.4	---	749	---	26	5.3	---
TOTAL	360.1	161.9	240.7	167.8	114.8	83.0	105.96	12592	18717	9895.4	519.5	147.1
MEAN	11.6	5.40	7.76	5.41	4.10	2.68	3.53	406	624	319	16.8	4.90
MAX	72	7.2	13	7.2	4.9	3.3	19	816	844	720	29	7.6
MIN	3.0	4.7	7.0	4.2	3.2	2.2	.69	11	390	9.4	5.3	3.7
AC-FT	714	321	477	333	228	165	210	24980	37130	19630	1030	292

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1995, BY WATER YEAR (WY)

MEAN	7.48	5.35	5.12	4.69	14.1	60.1	44.3	64.8	99.5	42.1	12.3	8.41
MAX	19.1	13.7	12.3	12.5	118	582	428	406	624	319	19.3	14.5
(WY)	1987	1987	1994	1994	1986	1986	1986	1995	1995	1995	1993	1993
MIN	.019	.028	.63	1.05	.92	1.20	2.36	4.35	4.72	5.89	.93	.045
(WY)	1993	1993	1993	1992	1992	1992	1991	1992	1992	1991	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1985 - 1995	
ANNUAL TOTAL	2917.25		43105.26			
ANNUAL MEAN	7.99		118		32.0	
HIGHEST ANNUAL MEAN					149	1986
LOWEST ANNUAL MEAN					2.38	1992
HIGHEST DAILY MEAN	72	Oct 2	844	Jun 5	844	Jun 5 1995
LOWEST DAILY MEAN	.73	Jun 5	.69	Apr 22	.00	Sep 29 1992
ANNUAL SEVEN-DAY MINIMUM	.96	Sep 20	.88	Apr 17	.01	Sep 26 1992
INSTANTANEOUS PEAK FLOW			890	Jul 15	890	Jul 15 1995
INSTANTANEOUS PEAK STAGE			6.57	Jul 15	6.57	Jul 15 1995
ANNUAL RUNOFF (AC-FT)	5790		85500		23170	
10 PERCENT EXCEEDS	16		633		25	
50 PERCENT EXCEEDS	4.0		6.0		4.7	
90 PERCENT EXCEEDS	1.8		2.7		1.4	

e Estimated

10312275 CARSON RIVER AT TARZYN ROAD NEAR FALLON, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--September 1992, April 1993 to current year.
SPECIFIC CONDUCTANCE.--November 1993 to September 1995 (discontinued).
WATER TEMPERATURE.--November 1993 to September 1995 (discontinued).

INSTRUMENTATION.--Water-quality monitor November 1993, to November 1994, hourly; December 1994 to September 1995, four times per hour.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. In April 1993, station incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Carson River Basin. Records represent water temperture at probe within 0.5°C.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE.--Maximum recorded, 1,850 microsiemens, September 10, 1995; minimum recorded, 228 microsiemens, June 8, 1995.
WATER TEMPERATURE.--Maximum recorded, 30.5°C, August 5, 1995; minimum recorded, freezing point, on many days during winter months most years.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE.--Maximum recorded, 1,850 microsiemens, September 10; minimum recorded, 228 microsiemens, June 8.
WATER TEMPERATURE.--Maximum recorded, 30.5°C, August 5; minimum recorded, freezing point, on many days in November and December.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)
OCT											
26...	1330	3.4	931	7.9	19.5	10.0	670	9.9	100	200	0
NOV											
29...	1130	7.3	968	8.1	5.5	1.5	675	11.7	95	220	0
DEC											
28...	1015	E7.6	1020	8.0	5.5	3.0	665	11.8	101	210	0
JAN											
26...	1300	4.2	1010	8.0	8.0	5.0	665	10.7	96	210	0
FEB											
22...	1215	3.8	1150	7.7	18.5	8.0	670	9.4	91	210	0
MAR											
22...	1300	2.6	1160	8.3	17.0	8.0	655	10.8	107	200	0

DATE	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
OCT										
26...	54	16	130	4	9.1	322	264	150	49	0.60
NOV										
29...	62	17	130	4	7.8	310	254	160	54	0.60
DEC										
28...	59	16	130	4	7.8	301	247	160	57	0.50
JAN										
26...	57	16	140	4	8.2	322	264	160	62	0.60
FEB										
22...	56	16	160	5	9.9	338	277	180	78	0.60
MAR										
22...	53	16	170	5	11	322	264	180	81	0.60

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
OCT										
26...	19	595	586	5.46	0.81	--	--	--	--	--
NOV										
29...	23	633	607	12.5	0.86	<0.010	0.060	0.020	0.30	0.30
DEC										
28...	19	632	598	--	0.86	<0.010	0.090	0.030	0.50	0.30
JAN										
26...	16	632	619	7.17	0.86	<0.010	<0.050	0.040	0.30	0.30
FEB										
22...	13	700	680	7.18	0.95	<0.010	<0.050	0.020	0.50	0.40
MAR										
22...	13	730	684	5.12	0.99	<0.010	<0.050	0.030	0.50	0.40

CARSON RIVER BASIN

10312275 CARSON RIVER AT TARZYN ROAD NEAR FALLON, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C) (00689)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT										
26...	--	--	--	9	17	4.1	0.50	16	0.15	54
NOV										
29...	0.100	0.100	0.090	7	12	4.0	0.30	4	0.08	90
DEC										
28...	0.060	0.050	0.060	9	13	4.3	0.60	8	--	42
JAN										
26...	0.100	0.100	0.110	10	76	4.1	--	4	0.05	92
FEB										
22...	0.140	0.120	0.130	17	63	4.7	0.60	12	0.12	48
MAR										
22...	0.180	0.150	0.160	25	140	4.7	0.50	25	0.18	68

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	949	846	896	931	919	925	999	959	977	---	---	---
2	852	834	841	941	930	935	996	947	969	---	---	---
3	865	845	856	939	912	927	958	940	948	---	---	---
4	873	860	867	926	913	919	948	928	940	---	---	---
5	912	873	900	971	918	943	935	919	926	---	---	---
6	907	886	893	948	920	932	928	907	918	1020	1000	1010
7	890	881	886	941	922	934	914	894	904	1010	984	998
8	890	881	886	937	931	934	899	877	889	999	972	986
9	896	884	890	945	932	937	886	865	877	988	956	973
10	898	886	892	948	930	940	887	870	878	970	905	944
11	905	891	900	941	929	934	916	883	899	909	875	891
12	910	897	904	943	936	940	935	914	925	899	880	888
13	910	901	905	946	939	942	940	929	935	932	895	910
14	913	903	908	945	929	938	937	911	925	947	926	940
15	915	904	910	934	923	929	918	894	906	957	939	950
16	916	905	912	934	925	930	903	886	895	967	948	958
17	918	911	913	936	927	933	897	875	887	974	955	964
18	921	913	916	942	929	935	888	867	878	975	959	967
19	919	912	916	956	931	942	881	861	873	987	970	978
20	923	915	918	955	939	948	880	856	869	994	977	984
21	921	914	918	955	945	950	887	851	868	998	981	989
22	925	915	920	965	949	956	---	---	---	1000	982	991
23	933	920	926	978	953	964	---	---	---	997	975	986
24	939	926	932	970	958	964	---	---	---	990	967	978
25	939	930	935	1060	947	986	---	---	---	987	970	979
26	939	929	935	1030	945	968	---	---	---	988	972	979
27	938	931	935	955	940	948	---	---	---	998	983	990
28	943	929	936	957	938	948	---	---	---	1020	990	1010
29	940	926	933	969	945	956	---	---	---	1040	1010	1030
30	934	918	926	972	961	967	---	---	---	1050	1030	1040
31	926	917	922	---	---	---	---	---	---	1050	1030	1040
MONTH	949	834	907	1060	912	943	---	---	---	---	---	---

CARSON RIVER BASIN

10312275 CARSON RIVER AT TARZYN ROAD NEAR FALLON, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1050	1030	1040	1190	1150	1170	1100	1040	1080	507	458	474
2	1050	1030	1040	1180	1130	1150	1110	1010	1090	572	507	550
3	1060	1030	1040	1150	1120	1140	1120	1050	1090	589	537	551
4	1070	1030	1050	1160	1120	1140	1120	1020	1090	614	489	550
5	1070	1050	1060	1150	1120	1140	1130	1090	1110	541	429	482
6	1090	1060	1070	1150	1120	1140	1130	1040	1090	538	477	496
7	1090	1070	1080	1140	1110	1130	1050	999	1030	531	496	514
8	1070	1010	1050	1130	1110	1120	1030	949	979	519	490	501
9	1100	1070	1090	1130	1100	1120	971	875	948	520	489	502
10	1110	1080	1090	1110	1080	1100	961	922	935	508	482	499
11	1090	1060	1080	1100	1080	1090	980	922	962	546	506	527
12	1080	1060	1070	1110	1090	1100	1000	955	981	604	526	578
13	1070	1050	1060	1110	1090	1100	988	936	969	527	393	442
14	1060	1020	1040	1110	1090	1100	966	852	946	409	377	394
15	1060	1040	1050	1120	1090	1110	978	928	965	405	355	386
16	1070	1050	1060	1110	1050	1090	957	776	842	381	349	360
17	1070	1050	1060	1100	1040	1090	840	774	826	396	347	367
18	1070	1050	1060	1100	1020	1090	845	814	828	357	334	346
19	1070	1050	1060	1100	1070	1090	921	807	873	381	328	352
20	1080	1060	1070	1100	1040	1090	957	900	941	346	323	335
21	1100	1070	1090	1110	1070	1090	982	929	961	357	338	351
22	1130	1100	1110	1110	1080	1090	993	950	977	356	347	352
23	1160	1130	1140	1110	1030	1080	1010	941	983	358	346	351
24	1180	1130	1160	1100	1020	1080	1020	987	1000	372	355	361
25	1180	1160	1170	1110	1060	1090	1170	678	949	365	357	361
26	1190	1160	1170	1120	1060	1110	955	732	830	377	363	371
27	1180	1160	1170	1130	1050	1110	1050	613	895	372	366	369
28	1210	1140	1180	1130	1070	1110	613	472	545	369	359	364
29	---	---	---	1110	1040	1090	511	450	478	366	348	360
30	---	---	---	1100	1010	1080	469	449	460	354	332	340
31	---	---	---	1100	1020	1070	---	---	---	336	327	331
MONTH	1210	1010	1090	1190	1010	1110	1170	449	922	614	323	423

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	334	327	331	259	244	252	703	631	670	826	749	798
2	332	325	328	250	241	245	707	660	681	1120	762	868
3	334	312	323	255	242	248	663	551	586	907	698	839
4	317	307	309	252	240	245	575	528	547	869	659	781
5	321	302	309	252	239	245	576	543	561	966	856	901
6	312	301	306	252	238	243	580	529	548	1010	956	982
7	321	308	313	251	238	244	596	560	575	1010	978	990
8	328	228	312	252	235	245	700	588	618	1040	1000	1020
9	317	298	307	243	233	236	937	700	850	1050	950	1000
10	326	300	305	249	233	238	959	740	867	1850	848	1050
11	302	291	296	262	232	248	757	663	692	992	704	839
12	297	289	292	241	232	237	716	641	666	1020	829	986
13	294	284	289	249	232	239	697	581	616	971	827	901
14	301	281	288	270	241	255	862	503	572	1010	955	972
15	297	279	287	312	270	298	556	474	512	1020	822	969
16	294	277	286	351	307	335	525	493	503	925	801	847
17	297	275	283	368	345	357	547	513	532	1050	922	988
18	276	257	267	361	341	353	568	490	531	1030	979	999
19	264	253	258	428	327	350	707	500	593	1080	1000	1040
20	261	254	257	474	424	440	813	698	756	1110	1080	1090
21	259	250	254	503	473	487	846	655	783	1120	1090	1110
22	253	244	248	575	495	531	701	585	658	1120	1070	1100
23	266	248	253	662	574	614	701	652	666	1080	1030	1060
24	282	255	267	719	656	683	703	652	674	1040	991	1010
25	280	259	270	822	713	756	718	597	689	1030	996	1010
26	276	256	262	884	812	848	946	549	691	1030	963	992
27	273	259	265	859	816	838	796	650	730	975	945	961
28	271	246	256	882	843	858	771	646	696	997	962	982
29	261	242	252	856	645	743	868	659	776	1020	989	1000
30	256	246	250	659	624	646	750	675	704	1020	998	1010
31	---	---	---	634	617	624	764	673	715	---	---	---
MONTH	334	228	284	884	232	425	959	474	653	1850	659	970

CARSON RIVER BASIN

10312275 CARSON RIVER AT TARZYN ROAD NEAR FALLON, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19.0	14.0	16.5	10.5	7.5	9.0	5.0	1.0	3.0	---	---	---
2	19.5	14.5	17.0	9.5	7.0	8.0	6.0	2.5	4.0	---	---	---
3	17.5	13.5	15.0	7.0	3.5	5.5	6.0	3.5	5.0	---	---	---
4	15.0	12.5	13.5	6.0	2.5	4.5	6.0	3.5	4.5	---	---	---
5	13.5	11.5	12.5	7.0	5.0	6.0	5.5	2.5	4.0	---	---	---
6	15.0	11.0	13.0	8.5	6.5	7.5	5.5	3.0	4.0	3.5	1.5	2.5
7	14.5	9.5	12.0	8.5	7.0	7.5	4.5	2.5	3.5	5.0	2.5	3.5
8	15.0	9.5	12.0	8.5	5.5	7.0	3.0	.0	1.5	5.5	3.0	4.0
9	15.5	10.0	12.5	9.0	7.0	8.0	3.0	.0	1.5	7.0	4.5	5.5
10	16.5	12.0	14.0	8.5	5.5	6.5	2.5	.0	1.0	7.5	6.0	6.5
11	15.0	11.0	13.5	8.0	5.0	6.0	3.5	.5	1.5	6.5	3.5	4.5
12	14.0	11.0	12.5	7.0	5.5	6.0	4.5	2.5	3.0	5.5	3.5	4.5
13	13.5	11.0	12.0	5.5	2.5	4.0	4.5	2.5	3.5	8.0	5.0	6.5
14	11.5	9.5	10.0	4.5	1.5	3.0	3.0	1.5	1.5	7.0	5.5	6.0
15	9.5	7.5	8.5	6.0	2.0	3.5	3.0	1.0	2.0	6.0	4.0	5.0
16	9.0	6.5	8.0	5.0	3.0	3.5	4.0	1.5	2.5	5.5	3.5	4.5
17	10.0	5.0	7.5	3.5	---	2.5	3.0	1.0	2.0	4.0	1.5	3.0
18	11.0	5.5	8.0	2.5	.5	1.5	3.5	.5	1.5	4.5	2.5	3.5
19	11.0	6.0	8.5	1.5	.0	.5	3.5	.0	1.5	4.0	1.0	2.5
20	11.5	7.0	9.5	2.5	.0	1.0	3.5	.5	2.0	4.5	1.5	3.0
21	11.5	7.0	9.5	3.0	2.0	2.5	3.5	1.0	2.0	5.0	4.0	4.5
22	11.5	7.0	9.5	2.5	.0	1.0	---	---	---	5.0	2.0	3.5
23	11.5	7.0	9.0	2.5	.0	1.0	---	---	---	7.0	4.0	5.5
24	12.5	8.0	10.0	4.0	1.0	2.5	---	---	---	6.5	4.5	5.5
25	12.0	7.5	10.0	4.0	2.5	3.0	---	---	---	7.0	5.5	6.0
26	12.5	8.5	10.5	3.5	1.5	2.0	---	---	---	6.5	4.5	5.5
27	13.0	9.5	11.5	3.0	.5	1.5	---	---	---	5.5	3.5	4.5
28	12.5	9.0	10.5	3.5	.5	2.0	---	---	---	7.0	4.5	5.5
29	11.5	8.0	9.5	4.0	.5	2.0	---	---	---	8.0	6.0	7.0
30	10.0	6.0	8.0	4.5	1.0	2.5	---	---	---	9.5	7.0	8.0
31	10.5	5.5	8.0	---	---	---	---	---	---	11.0	7.5	9.0
MONTH	19.5	5.0	11.0	10.5	---	4.0	---	---	---	---	---	---

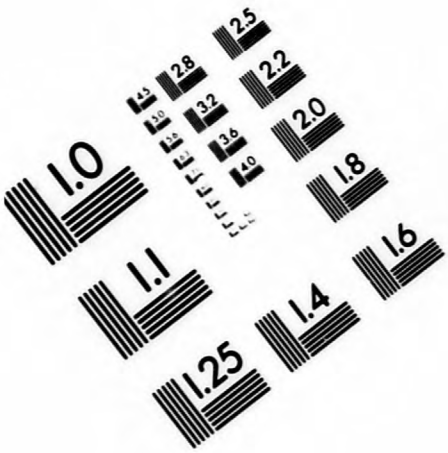
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.5	8.5	9.5	12.5	10.0	11.5	13.0	9.5	11.5	20.0	13.0	16.0
2	10.0	6.0	8.5	13.5	9.0	11.5	14.5	7.0	10.5	18.5	13.0	15.5
3	9.5	5.5	7.5	12.5	9.0	11.0	16.0	6.5	11.5	20.5	12.5	16.5
4	9.5	5.0	7.5	10.5	4.5	7.5	16.0	8.5	12.5	19.5	13.5	16.5
5	9.5	5.0	7.0	9.0	5.0	7.0	15.0	9.5	12.5	16.5	13.5	14.5
6	9.0	5.0	7.0	9.5	3.0	6.0	16.0	10.5	13.0	14.0	11.0	12.5
7	10.5	6.0	8.0	11.0	2.5	6.5	18.0	11.5	14.0	16.0	10.5	13.0
8	9.5	7.5	8.0	11.0	6.5	9.0	15.0	9.0	12.0	18.5	11.5	15.0
9	10.0	6.5	8.0	10.5	7.5	9.0	13.5	6.0	10.0	18.5	13.0	15.5
10	9.5	5.0	7.5	10.0	8.5	9.0	14.5	6.0	10.0	20.5	13.0	16.5
11	10.0	5.0	7.5	12.0	7.5	10.0	16.5	7.5	12.0	19.0	14.0	16.0
12	8.5	5.0	7.0	12.5	7.5	10.5	15.0	10.0	13.0	17.5	12.5	15.0
13	8.0	4.5	6.0	12.5	8.0	10.5	13.0	8.0	10.5	15.0	12.5	13.5
14	7.0	3.5	5.0	13.5	10.0	12.0	12.0	5.0	8.5	13.0	11.5	12.5
15	7.5	2.0	4.5	14.5	9.5	12.0	12.0	4.5	8.5	14.0	12.0	13.0
16	7.5	3.0	5.0	12.0	8.0	10.0	9.0	5.5	7.0	14.5	13.0	13.5
17	9.0	4.0	6.5	13.5	6.0	10.0	11.5	5.5	8.5	15.0	14.0	14.5
18	10.5	5.0	7.5	12.0	9.0	10.5	10.5	8.0	9.5	16.0	14.0	15.0
19	11.0	5.0	8.0	13.0	5.5	9.0	13.5	6.0	9.5	16.5	14.5	15.5
20	11.5	5.5	8.5	12.0	9.5	11.0	11.5	8.0	10.0	16.0	14.5	15.5
21	12.0	6.0	9.0	10.5	6.5	8.5	13.0	4.5	9.0	15.5	14.5	15.0
22	12.0	6.5	9.0	10.0	4.5	7.5	16.0	6.5	11.5	15.0	13.0	14.0
23	12.5	6.5	9.5	9.5	4.5	7.0	17.0	8.0	12.5	15.0	12.5	13.5
24	13.0	6.5	9.5	8.0	4.5	6.5	17.5	8.5	13.5	14.5	13.0	13.5
25	13.5	7.0	10.0	8.5	3.0	6.0	19.5	10.5	15.0	15.0	12.5	13.5
26	13.0	7.0	10.0	9.5	2.5	6.0	18.0	9.5	14.0	16.5	14.0	15.0
27	13.0	7.5	10.5	11.0	3.0	7.5	19.0	11.0	15.0	16.0	14.5	15.5
28	14.0	8.5	11.0	11.0	4.5	8.0	17.5	12.5	14.5	17.0	14.0	15.5
29	---	---	---	11.5	4.0	8.0	18.5	12.0	15.0	17.0	15.0	16.0
30	---	---	---	13.5	4.5	9.0	19.0	11.5	15.0	17.5	15.5	16.5
31	---	---	---	15.5	6.0	11.0	---	---	---	17.0	16.0	16.5
MONTH	14.0	2.0	7.9	15.5	2.5	9.0	19.5	4.5	11.6	20.5	10.5	14.8

CARSON RIVER BASIN

10312275 CARSON RIVER AT TARZYN ROAD NEAR FALLON, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	17.0	16.0	16.5	19.0	16.5	17.5	28.5	18.5	22.5	27.5	18.0	22.5
2	16.5	14.5	15.5	19.5	17.0	18.0	29.0	19.5	23.5	26.0	19.5	22.5
3	17.0	15.0	16.0	19.5	17.5	18.5	29.5	20.0	24.0	26.0	19.0	22.5
4	17.5	16.0	16.5	20.0	18.0	19.0	29.5	20.5	24.0	27.0	19.0	22.5
5	17.0	15.0	16.0	20.0	18.0	19.0	30.5	20.5	24.5	25.5	16.0	20.5
6	15.5	13.5	14.5	20.5	18.5	19.5	29.5	20.0	24.0	25.5	15.5	20.0
7	15.5	13.5	14.5	21.0	18.0	19.5	27.5	19.5	23.0	25.5	16.0	20.5
8	16.5	14.0	14.5	20.5	19.0	19.5	27.0	17.5	21.5	25.0	16.0	20.0
9	17.5	15.0	16.0	21.0	18.5	20.0	27.5	17.0	22.0	25.0	15.0	20.0
10	18.5	16.5	17.5	21.0	18.5	19.5	26.5	18.5	22.0	24.0	15.0	19.5
11	19.0	16.5	17.5	20.5	18.5	19.5	27.0	18.0	22.0	25.5	16.5	20.5
12	19.0	16.5	18.0	20.0	18.0	18.5	28.0	18.0	22.0	25.0	16.0	20.0
13	18.5	17.0	18.0	20.0	17.5	18.5	27.5	18.5	22.0	25.5	15.5	20.0
14	18.0	15.5	16.5	21.0	18.0	19.5	28.0	18.5	22.5	25.5	16.0	20.5
15	17.0	15.0	15.5	22.5	19.0	20.5	28.0	19.0	23.0	26.0	16.5	20.5
16	17.0	14.0	15.5	25.0	19.0	22.0	26.5	19.5	22.0	25.0	17.5	21.0
17	17.0	15.5	16.5	23.0	20.5	21.5	26.5	18.0	21.0	24.0	15.5	19.5
18	18.0	15.5	17.0	23.0	18.5	20.5	25.5	16.5	20.5	24.5	15.5	19.5
19	18.0	16.0	17.0	24.0	20.0	22.0	26.0	16.5	21.0	24.5	16.0	20.0
20	17.5	16.0	17.0	26.0	20.5	23.0	27.5	17.5	22.0	24.0	16.5	20.0
21	18.5	16.0	17.0	28.0	20.0	23.0	27.5	20.0	23.5	20.5	14.5	18.0
22	19.0	17.0	18.0	27.5	18.5	22.5	29.5	22.0	24.5	21.0	13.5	17.0
23	20.0	17.5	18.5	28.5	17.5	22.5	29.0	22.0	24.5	22.5	14.0	18.0
24	20.0	18.0	19.0	28.5	17.5	23.0	29.0	21.5	24.5	22.0	15.0	18.5
25	21.0	18.5	19.5	29.0	18.0	23.0	28.5	19.5	23.5	22.0	14.5	18.0
26	20.5	18.5	19.5	28.5	17.0	22.5	27.0	17.5	22.0	22.0	14.5	18.0
27	20.5	18.0	19.0	29.5	18.0	23.5	27.0	17.5	22.0	21.5	13.5	17.5
28	20.5	18.5	19.5	28.0	20.0	23.5	26.5	17.0	21.0	20.5	13.0	16.5
29	20.0	17.5	19.0	27.0	21.0	23.5	26.0	16.0	20.5	19.0	13.0	16.0
30	19.0	17.5	18.0	27.0	19.0	22.0	26.5	16.0	21.0	18.0	11.0	14.5
31	---	---	---	27.5	17.5	22.0	27.5	16.5	21.5	---	---	---
MONTH	21.0	13.5	17.1	29.5	16.5	20.9	30.5	16.0	22.5	27.5	11.0	19.5



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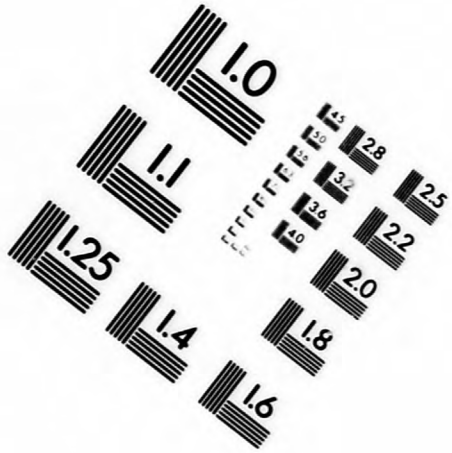

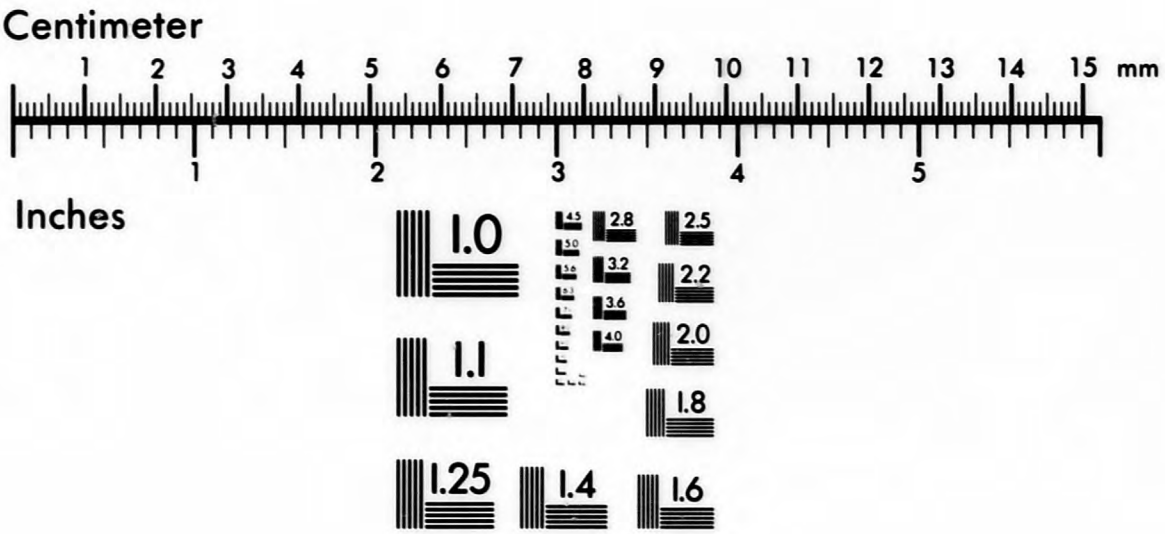

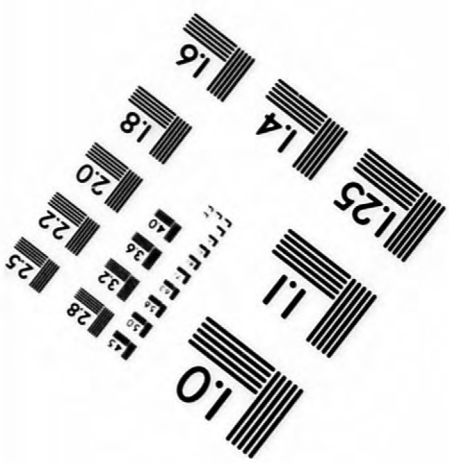

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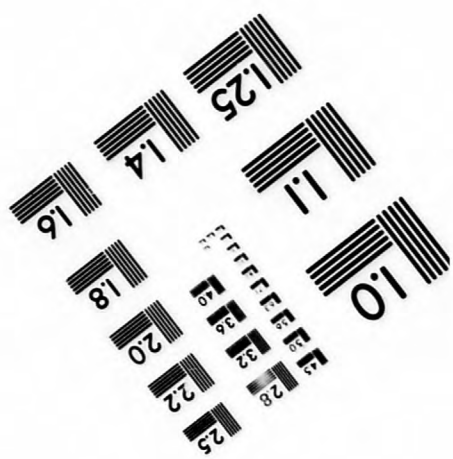


CARSON RIVER BASIN

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV

LOCATION.--Lat 39°36'38", long 118°33'04", in SW $^1/_4$ SW $^1/_4$ sec.7, T.20 N., R.31 E., Churchill County, Hydrologic Unit 16050203, on right bank, 6 mi north of Stillwater.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1990 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 3,880 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated discharges, which are poor. Flow in canal is return flow from irrigated lands and ground water inflows from Fallon Indian Reservation. See schematic diagram of Carson River Basin at beginning of Carson River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.15	.09	e.12	e.12	.09	.09	.01	2.4	71	35	6.1	11
2	.15	.09	e.10	.11	.08	.10	.00	8.0	84	42	3.6	11
3	.15	.09	.09	.09	.08	.07	.02	12	73	33	3.0	17
4	.13	.10	.09	.08	.08	.07	.02	11	54	16	5.8	38
5	.12	.12	.09	.08	.07	.05	.02	10	44	19	5.4	32
6	.12	.12	.09	.09	.03	.03	.00	11	28	25	6.9	36
7	.15	.14	.09	.16	.02	.02	.00	8.0	18	19	8.6	31
8	.15	.22	.09	.17	1.6	.02	.00	6.4	19	16	7.7	19
9	.13	.37	.09	.14	4.5	.02	.02	4.0	35	34	5.5	16
10	.12	.31	.09	.11	1.3	.03	.02	2.4	34	21	5.6	16
11	.11	.36	.08	.12	.88	.06	.00	1.3	27	25	5.0	14
12	.09	.76	.07	.18	.44	.05	.00	2.8	22	79	5.0	12
13	.09	.91	.07	.24	.31	.08	.00	4.4	35	117	7.4	9.5
14	.09	.69	.08	.21	.37	.07	.32	4.6	35	138	7.0	15
15	.20	.37	e.08	.14	.36	.03	.63	9.6	61	134	6.5	18
16	.31	.21	e.08	.10	.39	.02	.39	11	88	107	6.3	10
17	.16	.13	e.08	.09	.30	.02	.46	14	90	93	4.5	13
18	.18	e.13	.09	.08	.22	.03	.27	21	83	67	5.0	18
19	.26	e.12	.09	.08	.17	.03	.24	30	76	45	4.3	11
20	.31	e.11	.08	.07	.16	.03	.12	45	92	24	5.8	17
21	.29	e.10	.08	.06	.14	.03	.11	52	114	32	8.4	25
22	.26	e.10	.09	.03	.15	.08	.09	55	136	16	6.4	22
23	.19	e.09	.09	.03	.15	.09	.08	59	156	13	4.5	28
24	.15	e.09	.10	.06	.14	.08	.06	74	173	11	4.3	18
25	.13	.09	.17	.09	.12	.11	.04	82	192	23	4.2	24
26	.12	.10	.49	.09	.12	.05	.04	88	198	34	3.5	22
27	.10	e.10	1.2	.10	.12	.02	.02	95	163	12	4.3	27
28	.10	e.10	.48	.17	.10	.03	.01	92	125	21	6.9	28
29	.09	e.12	.27	.18	---	.02	.68	97	79	14	5.6	15
30	.09	e.13	e.20	.15	---	.01	5.3	102	58	8.7	4.5	4.0
31	.09	---	e.15	.11	---	.00	---	80	---	8.1	9.5	---
TOTAL	4.78	6.46	5.06	3.53	12.49	1.44	8.97	1094.9	2463	1281.8	177.1	577.5
MEAN	.15	.22	.16	.11	.45	.046	.30	35.3	82.1	41.3	5.71	19.2
MAX	.31	.91	1.2	.24	4.5	.11	5.3	102	198	138	9.5	38
MIN	.09	.09	.07	.03	.02	.00	.00	1.3	18	8.1	3.0	4.0
AC-FT	9.5	13	10	7.0	25	2.9	18	2170	4890	2540	351	1150

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1995, BY WATER YEAR (WY)

MEAN	3.66	1.10	.19	.068	.12	.029	.30	7.75	17.4	9.20	4.01	11.9
MAX	10.8	4.31	.38	.17	.45	.10	.64	35.3	82.1	41.3	10.0	37.4
(WY)	1994	1991	1991	1994	1995	1991	1994	1995	1995	1995	1993	1993
MIN	.000	.000	.000	.000	.000	.000	.000	.42	.28	.42	.000	.000
(WY)	1993	1993	1993	1993	1993	1992	1993	1993	1992	1992	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1991 - 1995	
ANNUAL TOTAL	207.12		5637.03			
ANNUAL MEAN	.57		15.4		4.64	
HIGHEST ANNUAL MEAN					15.4	1995
LOWEST ANNUAL MEAN					.17	1992
HIGHEST DAILY MEAN	8.0	Sep 6	198	Jun 26	198	Jun 26 1995
LOWEST DAILY MEAN	.00	Feb 1	.00	Mar 31	.00	Dec 26 1990
ANNUAL SEVEN-DAY MINIMUM	.00	Feb 22	.01	Apr 6	.00	Dec 26 1990
INSTANTANEOUS PEAK FLOW			204	Jun 26	204	Jun 26 1995
INSTANTANEOUS PEAK STAGE			19.04	Jun 26	19.04	Jun 26 1995
ANNUAL RUNOFF (AC-FT)	411		11180		3360	
10 PERCENT EXCEEDS	1.5		54		9.2	
50 PERCENT EXCEEDS	.17		.27		.17	
90 PERCENT EXCEEDS	.00		.04		.00	

e Estimated

CARSON RIVER BASIN

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 1986 to May 1987, October 1990 to October 1995.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE.--October 1990 to current year.
WATER TEMPERATURE.--October 1990 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1990, to August 1993, hourly; September to December 1993, four times per hour; January to September 1994, hourly.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. In April 1994, station was incorporated into the Stillwater Environmental Monitoring Program to gage environmental changes that may occur as a result of change in management of irrigation water of the Newlands Irrigation Project. Records represent water temperature at probe within 0.5°C. Interruptions in record due to periods of no flow (see Water-Discharge Records) and equipment malfunction.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE.--Maximum recorded, 67,200 microsiemens, October 19, 1990; minimum recorded, 342 microsiemens, September 19, 1993.
WATER TEMPERATURE.--Maximum recorded, 36.5°C, July 28, 1991; minimum recorded, freezing point, on many days each year.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE.--Maximum recorded, 27,800 microsiemens, April 15; minimum recorded, 581 microsiemens, May 19.
WATER TEMPERATURE.--Maximum recorded, 30.0°C, August 4; minimum recorded, freezing point on several days from November to March.

WATER-QUALITY DATA, MARCH TO OCTOBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
MAR 1995									
02...	0940	0.12	19700	8.1	23.5	9.0	659	8.6	93
02...	0941	0.12	19700	8.1	23.5	9.0	659	8.6	93
MAY									
11...	1045	1.4	1360	8.9	15.0	16.5	666	9.0	106
JUN									
08...	0955	15	2260	7.9	14.5	14.0	659	6.5	73
JUL									
11...	1320	16	1810	8.3	28.0	24.5	657	8.5	120
AUG									
15...	1405	7.7	3620	8.8	27.0	25.0	646	13.4	195
SEP									
19...	1025	9.3	1910	8.1	30.0	19.5	666	11.5	144
OCT									
25...	1122	3.1	8480	8.3	14.5	6.0	662	11.3	108

DATE	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BORON, DIS-SOLVED (UG/L AS B) (01020)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)
MAR 1995								
02...	467	--	323	13700	180	17000	510	540
02...	467	--	323	13800	180	17000	510	550
MAY								
11...	172	16	168	818	26	1000	90	21
JUN								
08...	180	--	147	1320	25	1500	100	41
JUL								
11...	162	1	134	1040	29	1100	80	28
AUG								
15...	154	17	154	2130	32	2300	130	49
SEP								
19...	142	--	116	1080	22	1300	70	35
OCT								
25...	246	--	202	5570	61	6100	310	170

CARSON RIVER BASIN

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	5760	3440	4510	12900	12500	12700	16700	15300	16000	19400	18800	19100
2	7140	5760	6620	12600	12300	12400	16500	15900	16200	20100	19300	19700
3	7970	7140	7600	12600	12400	12500	16400	16000	16200	20000	19400	19700
4	8700	7970	8370	12700	12300	12500	16700	16400	16500	19600	18900	19200
5	9460	8700	9060	12500	12200	12300	16900	16700	16800	18900	17500	18300
6	10300	9440	9880	12600	12500	12500	17000	16800	16900	18400	17400	17900
7	11200	10300	10800	12600	12500	12500	17400	17000	17100	17800	16600	17200
8	12000	11200	11600	13100	12600	12800	18300	17400	17800	17300	17000	17100
9	12600	11900	12300	13600	13100	13300	18600	17900	18200	17100	16900	17000
10	13200	12600	12900	13700	13300	13500	19300	18400	19000	17000	16200	16800
11	13500	13100	13300	14300	13300	13800	19700	19000	19300	16900	16300	16700
12	13800	13500	13600	15300	14300	14800	19100	18300	18800	17600	16900	17300
13	14000	13800	13900	15900	15300	15600	18600	17700	18200	18400	17600	18000
14	14200	14000	14100	16200	15900	16000	18900	18200	18700	18700	18300	18600
15	14400	7030	13400	16400	16000	16200	19100	18300	18700	18800	18600	18700
16	12200	7030	9180	16400	16000	16200	18600	17400	18000	19000	18700	18800
17	14800	12200	13900	16200	15800	16000	18200	17600	17900	19400	18800	19000
18	15500	14800	15100	16300	15700	16000	18300	17500	17900	19300	18900	19100
19	16000	15500	15700	16400	15800	16000	18500	17700	18100	19800	19000	19300
20	16100	15900	16000	16300	15600	16000	18700	18100	18400	19700	19000	19300
21	16300	16000	16100	15800	15600	15700	19300	18400	18900	19300	19000	19100
22	16900	16300	16600	16400	15700	16100	19900	19100	19500	19500	19100	19300
23	17400	16900	17200	16800	16000	16300	20200	19500	19900	19300	19000	19200
24	17800	17300	17600	16300	15500	15900	20600	18400	19900	19300	19000	19100
25	17800	17600	17700	15700	14800	15300	18800	18100	18500	19200	18900	19100
26	17700	17100	17400	15400	14800	15100	19000	18200	18600	19100	18900	19000
27	17100	16200	16700	15900	14600	15300	18400	17700	18100	19200	18900	19100
28	16200	15200	15600	15300	14700	15000	18200	17400	17900	19100	18900	19000
29	15200	14200	14700	15800	13900	15200	17800	17500	17700	18900	18700	18800
30	14200	13100	13800	16500	15000	15800	18500	17800	18100	18800	18600	18700
31	13100	12300	12900	---	---	---	19000	18500	18700	18800	18600	18700
MONTH	17800	3440	13200	16800	12200	14600	20600	15300	18100	20100	16200	18600

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	18900	18700	18800	19500	19000	19300	---	---	---	3260	2460	2850
2	19000	18700	18900	19500	19200	19400	---	---	---	2500	1260	2020
3	19200	19000	19100	19400	19200	19300	---	---	---	7920	2310	5500
4	19400	19200	19300	19500	19200	19300	---	---	---	2320	1340	1620
5	19600	19400	19500	19900	19400	19600	---	---	---	2370	1390	1910
6	19800	19500	19600	20400	19900	20200	---	---	---	3170	1940	2550
7	19800	19400	19700	20700	20300	20600	---	---	---	2090	1740	1900
8	19400	16500	17400	21100	20700	20900	---	---	---	3130	2020	2580
9	18000	17100	17500	21600	21100	21400	---	---	---	2420	1530	2070
10	18200	17800	18000	21800	21400	21600	---	---	---	1530	1310	1420
11	18400	17900	18200	22100	21400	21700	---	---	---	3410	1310	1610
12	18400	17700	18100	22400	21900	22100	---	---	---	3410	2200	2580
13	18300	17700	18100	22300	21800	22100	---	---	---	2970	2120	2310
14	18400	17200	17900	21900	21500	21700	---	---	---	5430	2970	3730
15	18200	17400	17900	21700	21300	21500	27800	26300	27300	6660	3340	5600
16	18200	17600	17900	21800	21500	21600	27500	17700	23700	3340	1790	2430
17	17900	16800	17400	22000	21600	21800	17700	15100	16000	1790	928	1370
18	17300	16100	16800	22200	21800	22000	15100	13800	14700	928	831	854
19	17000	16000	16500	22400	22000	22200	16000	13800	14600	1590	581	864
20	16700	15900	16400	22700	22400	22600	18400	16000	17100	3310	664	1190
21	16500	15700	16200	23100	22600	22800	18800	18400	18700	732	675	696
22	16500	15800	16200	24000	23100	23500	18800	18400	18600	678	611	630
23	16700	16100	16400	24100	22700	23200	19000	18400	18600	876	614	703
24	17300	16500	16900	23600	23200	23400	19400	18700	19000	793	675	715
25	18000	17100	17500	23600	23200	23400	---	---	---	707	653	686
26	18500	17800	18100	23800	23100	23400	---	---	---	683	645	662
27	19000	18300	18600	23600	22900	23300	---	---	---	682	637	658
28	19300	18700	19000	---	---	---	---	---	---	690	657	673
29	---	---	---	---	---	---	---	---	---	1370	670	776
30	---	---	---	---	---	---	3610	1150	1840	802	670	701
31	---	---	---	---	---	---	---	---	---	744	691	715
MONTH	19800	15700	17900	---	---	---	---	---	---	7920	581	1760

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	1070	725	842	2670	2190	2370	---	---	---	---	---	---
2	1100	819	946	3210	2670	3030	---	---	---	---	---	---
3	922	783	846	3030	2680	2930	---	---	---	---	---	---
4	1390	832	1120	3400	2630	2940	---	---	---	---	---	---
5	1320	1150	1230	5100	3400	4640	---	---	---	---	---	---
6	1300	1220	1260	4880	4170	4590	---	---	---	---	---	---
7	2160	1270	1810	4170	3400	3610	---	---	---	---	---	---
8	2640	2050	2220	3620	3350	3510	---	---	---	---	---	---
9	4000	2200	3340	3460	3090	3310	---	---	---	---	---	---
10	2200	1630	1740	3160	2200	2600	---	---	---	---	---	---
11	1990	1550	1690	2210	1990	2090	---	---	---	---	---	---
12	2320	1930	2110	2070	1410	1840	---	---	---	---	---	---
13	2630	2250	2450	1410	938	1140	---	---	---	---	---	---
14	2640	1680	2120	996	921	949	---	---	---	---	---	---
15	1680	1400	1490	1110	881	1010	---	---	---	---	---	---
16	1630	1390	1520	1140	881	1000	---	---	---	---	---	---
17	1630	1330	1420	1410	1140	1290	---	---	---	---	---	---
18	1610	1360	1480	1600	1290	1510	---	---	---	---	---	---
19	1580	1200	1340	2250	1600	2060	---	---	---	---	---	---
20	1240	1100	1160	2010	1680	1850	---	---	---	2420	1450	1900
21	1230	1120	1180	1680	1530	1610	---	---	---	4570	1780	2990
22	1120	888	972	1970	1620	1750	---	---	---	5450	2780	4410
23	890	832	852	3320	1920	2490	---	---	---	2780	2000	2340
24	861	817	843	5860	3320	4740	---	---	---	2480	1300	2010
25	930	821	868	5820	4710	5540	---	---	---	1600	1210	1390
26	907	813	862	4710	2170	3190	---	---	---	2170	1590	1950
27	1170	869	934	2200	1830	1930	---	---	---	2000	1510	1790
28	2260	1170	1760	---	---	---	---	---	---	2150	1560	1920
29	2320	1910	2060	---	---	---	---	---	---	3350	1750	2290
30	2540	2240	2450	---	---	---	---	---	---	6810	3350	5350
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	4000	725	1500	---	---	---	---	---	---	---	---	---

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19.5	11.0	15.0	7.5	4.0	5.5	1.0	.0	.0	.0	.0	.0
2	19.5	11.0	15.0	9.0	3.5	6.0	4.0	.0	1.0	.0	.0	.0
3	16.5	9.0	12.5	6.5	.5	3.0	3.5	.5	2.0	.0	.0	.0
4	15.0	9.0	12.0	2.5	.0	1.0	5.0	.5	2.5	.0	.0	.0
5	14.5	10.0	12.0	5.0	2.0	3.5	4.5	.0	2.0	.0	.0	.0
6	17.5	8.5	12.5	8.5	4.5	6.0	5.5	.5	2.5	.0	.0	.0
7	17.0	7.5	12.0	7.5	5.5	6.5	3.0	.0	1.0	4.0	.0	1.0
8	17.0	7.5	12.0	9.0	4.0	6.0	.0	.0	.0	5.5	.5	3.0
9	17.0	7.5	12.0	10.5	5.0	7.5	.0	.0	.0	8.0	3.0	5.5
10	17.5	8.5	13.0	7.0	4.0	5.5	.0	.0	.0	9.0	5.0	6.5
11	17.0	8.5	13.0	7.0	3.5	5.0	.0	.0	.0	8.0	1.5	4.0
12	15.5	9.0	12.0	6.0	3.0	4.5	.0	.0	.0	5.5	1.5	3.5
13	13.0	8.5	10.5	5.5	1.0	3.0	1.0	.0	.0	9.5	3.5	6.0
14	9.5	6.5	8.0	4.5	.0	2.0	.0	.0	.0	7.5	3.5	5.0
15	9.5	5.0	7.0	5.0	.0	2.5	.0	.0	.0	7.5	2.5	4.0
16	9.0	4.5	6.0	3.5	.5	1.5	1.5	.0	.0	5.5	1.0	3.0
17	11.5	2.5	6.5	.5	.0	.0	.0	.0	.0	3.0	.0	1.0
18	12.5	3.5	7.5	1.0	.0	.0	1.0	.0	.0	4.5	.0	1.5
19	12.5	4.0	8.0	.5	.0	.0	.0	.0	.0	3.0	.0	.5
20	12.5	4.5	8.5	.5	.0	.0	.0	.0	.0	3.0	.0	1.0
21	12.5	4.5	8.5	1.0	.0	.0	.5	.0	.0	6.0	.0	2.5
22	12.5	4.5	8.5	.5	.0	.0	.0	.0	.0	4.5	.0	1.5
23	13.0	4.5	8.5	.0	.0	.0	.0	.0	.0	6.5	2.0	3.5
24	13.5	5.5	9.0	.5	.0	.0	.0	.0	.0	8.5	2.5	4.5
25	13.0	5.0	8.5	1.5	.0	.0	.0	.0	.0	6.5	4.0	5.0
26	12.5	5.5	9.0	1.0	.0	.0	.5	.0	.0	7.0	2.5	5.0
27	13.5	7.0	10.0	.0	.0	.0	1.0	.0	.0	5.0	1.5	3.5
28	12.5	6.0	9.0	.0	.0	.0	1.5	.0	.5	5.5	3.0	4.5
29	11.5	4.5	7.5	.0	.0	.0	3.0	.5	1.5	7.0	4.0	5.5
30	10.0	2.0	5.5	1.0	.0	.0	2.0	.0	.0	10.5	5.0	7.0
31	10.0	2.0	5.5	---	---	---	.0	.0	.0	11.0	6.0	8.5
MONTH	19.5	2.0	9.8	10.5	.0	2.3	5.5	.0	.4	11.0	.0	3.1

CARSON RIVER BASIN

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.0	6.5	8.5	12.0	8.5	10.0	---	---	---	20.5	14.0	16.5
2	13.0	4.0	8.0	14.0	7.5	10.0	---	---	---	18.5	12.0	15.0
3	11.5	3.0	6.5	13.0	5.5	9.0	---	---	---	20.0	12.0	16.0
4	11.5	2.5	6.5	12.0	2.5	6.5	---	---	---	19.5	14.0	17.0
5	11.5	2.0	6.0	9.5	3.0	5.5	---	---	---	16.0	11.5	13.0
6	9.5	1.5	5.5	12.0	.5	5.0	---	---	---	13.0	10.0	11.5
7	12.0	3.0	7.0	12.0	.0	5.5	---	---	---	19.5	11.0	15.0
8	7.5	4.5	6.0	10.5	4.0	7.0	---	---	---	20.0	13.5	17.0
9	9.0	4.5	6.5	11.0	5.5	8.0	---	---	---	20.0	13.5	17.0
10	9.5	2.5	5.5	10.0	6.5	8.0	---	---	---	22.5	12.5	18.0
11	10.5	3.0	6.0	14.0	6.5	9.5	---	---	---	22.5	14.0	18.0
12	10.0	2.5	5.5	15.0	6.0	9.5	---	---	---	18.5	12.0	15.0
13	9.0	1.5	5.0	13.5	5.5	9.5	---	---	---	15.0	11.5	13.0
14	8.0	2.5	4.5	14.5	8.0	11.0	---	---	---	18.0	10.5	14.0
15	7.0	.0	3.0	18.5	7.5	11.5	14.5	4.5	8.5	19.0	11.5	15.5
16	5.5	1.0	3.5	14.5	6.0	9.5	10.0	3.0	6.0	22.5	12.0	17.0
17	8.0	1.5	4.5	15.0	4.0	9.5	13.5	4.5	9.0	22.5	14.5	18.5
18	11.0	2.5	6.0	11.0	6.5	9.0	11.5	7.5	9.0	24.5	17.5	21.0
19	11.5	3.0	7.0	14.5	3.0	8.5	17.0	5.0	10.5	25.5	18.5	22.0
20	11.5	3.5	7.0	14.0	7.5	10.0	12.5	6.0	9.0	25.5	19.5	22.5
21	11.5	3.5	7.5	10.5	4.5	7.5	16.5	2.5	9.0	24.5	20.0	22.0
22	12.0	3.5	7.5	12.0	1.0	6.5	21.0	4.0	12.0	21.5	18.0	19.0
23	12.0	3.5	7.5	13.0	1.0	6.5	21.5	6.0	13.5	19.0	16.5	17.5
24	12.5	4.0	8.0	10.0	2.5	5.5	22.5	7.0	14.5	17.5	15.5	16.5
25	12.5	4.0	8.0	11.5	1.0	5.5	---	---	---	19.5	14.5	16.5
26	12.0	4.5	8.0	13.0	.5	6.0	---	---	---	22.0	16.0	19.0
27	12.0	5.0	8.5	14.5	1.0	7.0	---	---	---	22.5	18.0	20.0
28	13.0	6.5	9.5	---	---	---	---	---	---	23.5	17.5	20.5
29	---	---	---	---	---	---	---	---	---	25.0	19.0	22.0
30	---	---	---	---	---	---	19.0	10.0	14.5	26.0	20.0	23.0
31	---	---	---	---	---	---	---	---	---	26.5	21.0	23.5
MONTH	13.0	.0	6.5	---	---	---	---	---	---	26.5	10.0	17.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	26.5	21.5	23.5	25.5	20.0	22.5	27.5	19.5	23.5	26.0	20.0	23.0
2	24.5	20.5	22.0	26.0	20.0	23.0	29.0	21.0	24.5	25.5	21.0	23.5
3	25.5	19.5	22.5	25.5	21.0	23.0	29.5	20.0	24.5	25.0	21.0	23.5
4	26.5	20.5	23.5	26.5	20.5	23.5	30.0	20.5	25.5	25.5	21.0	23.5
5	22.5	18.0	20.5	27.0	21.0	24.0	29.5	20.5	25.0	24.0	19.0	21.5
6	18.5	15.0	16.5	27.0	22.5	25.0	28.5	21.5	25.0	23.5	18.5	21.0
7	18.5	13.0	15.5	28.0	21.5	24.5	26.5	20.5	23.0	24.0	18.5	21.0
8	17.0	14.0	15.0	26.5	22.0	24.5	25.0	17.5	21.0	24.0	19.0	21.0
9	20.5	15.0	17.5	27.5	23.0	24.5	26.0	18.5	22.5	24.0	18.0	21.0
10	23.0	18.0	20.0	27.0	22.0	24.0	25.0	20.5	22.5	24.5	18.5	21.5
11	24.5	19.5	21.5	27.0	20.5	23.5	25.0	17.0	21.0	24.5	18.5	21.5
12	25.0	19.0	22.0	24.5	21.0	23.0	25.5	18.5	22.0	24.5	18.5	21.0
13	24.5	20.5	22.0	25.0	19.5	22.0	25.5	19.5	22.5	24.5	18.0	21.0
14	21.5	18.0	20.5	26.0	20.5	23.0	26.0	18.5	22.5	24.5	18.5	21.0
15	19.0	15.5	17.5	27.5	21.5	24.5	26.0	20.5	23.0	24.5	19.0	21.5
16	19.5	14.0	16.5	28.5	23.0	26.0	24.5	20.0	22.0	24.0	19.5	21.5
17	18.5	16.5	17.5	27.0	24.0	25.5	25.0	17.5	21.0	23.0	17.0	19.5
18	22.0	16.5	19.0	27.5	22.0	24.5	23.5	16.5	20.0	23.5	17.5	20.0
19	22.5	17.0	19.5	28.0	22.5	25.5	25.0	17.0	21.0	23.5	18.0	20.5
20	21.5	16.5	19.0	28.5	23.5	26.0	26.5	18.0	22.0	22.5	18.0	20.0
21	23.0	17.0	20.0	28.0	23.5	25.5	28.0	20.0	24.0	20.0	15.5	18.0
22	25.0	19.0	22.0	27.0	22.0	24.5	28.5	21.5	24.5	20.0	14.5	17.0
23	27.0	21.0	23.5	27.0	21.0	24.0	29.0	21.5	24.5	21.0	15.0	18.0
24	28.0	22.5	25.0	27.5	21.0	24.5	28.5	21.0	24.5	21.5	16.0	18.5
25	29.0	23.5	26.0	27.5	21.0	24.5	27.5	19.5	23.5	21.5	16.0	18.5
26	29.0	24.5	26.5	27.5	22.0	24.5	27.5	18.5	22.5	21.0	16.0	18.0
27	28.5	23.0	26.0	28.0	21.0	24.5	26.5	17.5	22.0	20.0	15.5	17.5
28	28.0	24.0	26.0	27.5	23.0	25.5	25.0	18.0	21.5	20.0	15.0	17.5
29	27.5	21.5	24.5	26.0	23.0	24.5	24.5	16.5	20.5	19.0	14.5	16.5
30	25.5	22.0	23.5	26.0	19.5	22.5	26.0	16.5	21.0	19.0	10.5	14.5
31	---	---	---	26.5	17.0	22.0	25.0	18.5	22.0	---	---	---
MONTH	29.0	13.0	21.1	28.5	17.0	24.1	30.0	16.5	22.7	26.0	10.5	20.1

10312277 PAIUTE DRAIN BELOW TJ DRAIN NEAR STILLWATER, NV--Continued

Water-quality measurements in the following table were made as part of the Stillwater Environmental Monitoring program in the Fallon area, western Nevada. The following analyses are quality-assurance samples processed during the 1995 sampling period and are defined in the section Water Quality-Control Data (page 25).

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	QUALITY ASSURANCE SAMPLE (TYPE)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BORON, DIS-SOLVED (UG/L AS B) (01020)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)
MAY							
12...	1100	FIELD BLANK	8	<1	9	<10	<0.2

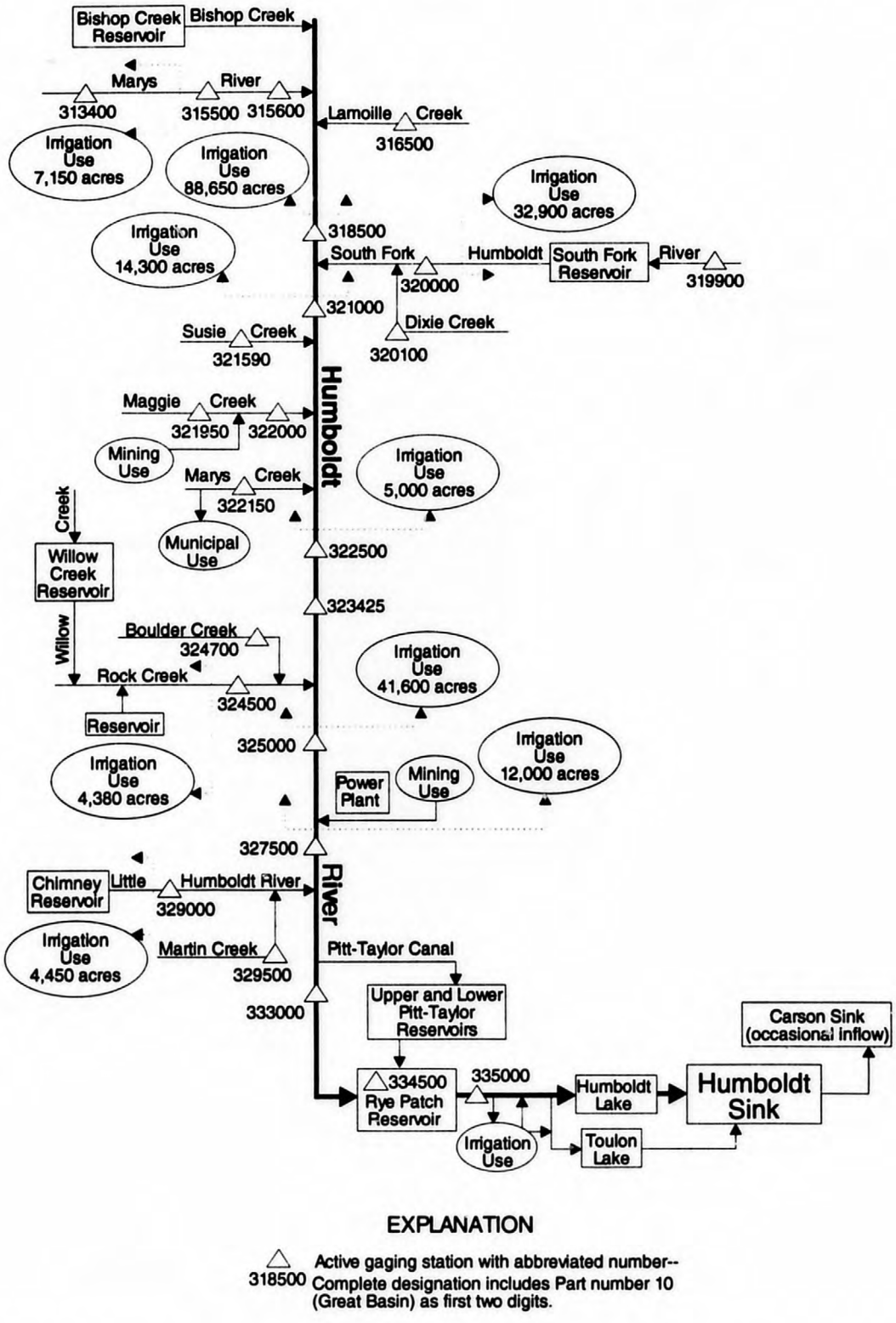


Figure 24. Schematic diagram of flow system and gaging stations in the Humboldt River basin.

HUMBOLDT RIVER BASIN

10313400 MARYS RIVER BELOW ORANGE BRIDGE NEAR CHARLESTON, NV

LOCATION.--Lat 41°33'30", long 115°18'21", in SE $^1/_4$ NE $^1/_4$ sec.9, T.42 N., R.59 E., Elko County, Hydrologic Unit 16040101, on right bank, 5 mi below Orange Bridge, and approximately 14 mi southeast of Charleston.

DRAINAGE AREA.--72 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,860 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.13	4.0	e5.0	e7.2	24	56	41	108	281	124	e5.6	e2.2
2	.17	e4.6	e5.0	e6.7	36	50	40	125	321	123	e5.0	e2.3
3	.17	e4.5	e5.0	e6.4	35	51	47	120	484	117	e4.8	e2.4
4	.38	e4.4	e4.9	e6.2	33	45	71	121	563	106	e4.3	e2.6
5	.81	4.7	e4.9	e6.0	29	39	95	125	498	99	e4.0	e2.5
6	1.2	6.1	e5.0	e5.9	27	35	107	131	381	96	e3.8	e2.4
7	1.6	6.1	e5.2	e5.8	26	34	111	134	272	99	e3.6	e2.4
8	1.3	e6.0	e5.3	e5.8	23	33	106	137	237	91	e3.4	2.1
9	1.5	4.6	e5.3	e5.9	23	32	93	137	211	81	e3.2	2.3
10	1.6	5.1	e5.2	e6.5	23	44	80	147	179	75	e3.0	3.0
11	1.7	4.5	e5.1	e7.8	23	107	77	158	173	70	e2.7	2.9
12	1.9	5.2	e5.1	e8.0	22	84	75	158	217	58	e2.6	2.4
13	2.0	e5.2	e5.0	e7.9	21	71	89	144	276	51	e2.5	1.6
14	2.6	e5.1	e5.1	e8.0	e21	71	94	137	290	44	e2.6	1.3
15	3.2	e5.1	e5.2	e8.1	e21	80	83	137	272	39	e2.6	.96
16	3.2	5.3	e5.3	e7.6	e20	78	79	140	248	35	e2.5	.39
17	3.5	e5.2	e5.3	e7.5	20	74	73	153	222	33	e2.4	.20
18	3.6	e5.2	e5.2	e7.3	20	81	68	186	211	31	e2.4	.31
19	3.8	e5.3	e5.0	e7.0	19	80	65	208	187	31	e2.3	.32
20	3.7	e5.4	e5.0	e7.0	21	81	62	223	158	29	e2.3	.30
21	3.2	e5.3	e5.4	e7.1	27	98	59	238	136	27	e2.2	.28
22	3.2	e5.2	e5.9	e7.2	34	83	57	251	110	25	e2.1	.21
23	3.2	e5.2	e6.2	e7.5	44	75	57	295	93	25	e2.0	.26
24	3.2	e5.1	e7.0	e8.0	56	65	63	258	104	21	e2.0	.30
25	3.4	e5.1	e7.6	8.8	68	58	71	220	125	19	e2.0	.39
26	2.9	e5.1	e8.0	9.3	70	52	74	201	139	17	e1.9	.38
27	3.2	e5.2	e8.9	8.8	62	48	88	188	160	e14	e2.0	.39
28	3.2	e5.2	e9.0	e8.7	57	44	99	191	171	e11	e2.2	.38
29	3.5	e5.1	e8.8	10	---	40	102	207	148	e9.1	e2.3	.30
30	3.3	e5.1	e8.0	10	---	38	101	231	128	e7.5	e2.3	.46
31	3.0	---	e7.9	12	---	38	---	267	---	e6.2	e2.2	---
TOTAL	73.36	153.2	184.8	236.0	905	1865	2327	5476	6995	1613.8	88.8	38.23
MEAN	2.37	5.11	5.96	7.61	32.3	60.2	77.6	177	233	52.1	2.86	1.27
MAX	3.8	6.1	9.0	12	70	107	111	295	563	124	5.6	3.0
MIN	.13	4.0	4.9	5.8	19	32	40	108	93	6.2	1.9	.20
AC-FT	146	304	367	468	1800	3700	4620	10860	13870	3200	176	76
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1995, BY WATER YEAR (WY)												
MEAN	3.06	6.93	5.91	7.07	16.4	54.0	80.5	168	102	19.6	2.20	1.14
MAX	5.30	11.0	8.24	12.3	32.3	104	141	345	233	52.1	5.66	2.42
(WY)	1994	1992	1992	1993	1995	1993	1993	1993	1995	1995	1993	1993
MIN	1.88	5.02	3.21	3.73	4.83	17.4	47.5	47.1	7.04	1.27	.019	.000
(WY)	1993	1994	1994	1994	1994	1994	1994	1992	1992	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1992 - 1995	
ANNUAL TOTAL	6516.49		19956.19			
ANNUAL MEAN	17.9		54.7		38.9	
HIGHEST ANNUAL MEAN					67.3	1993
LOWEST ANNUAL MEAN					15.8	1992
HIGHEST DAILY MEAN	173	May 12	563	Jun 4	579	May 14 1993
LOWEST DAILY MEAN	.00	Aug 17	.13	Oct 1	.00	Aug 17 1994
ANNUAL SEVEN-DAY MINIMUM	.00	Aug 17	.27	Sep 17	.00	Aug 17 1994
INSTANTANEOUS PEAK FLOW			679	Jun 3	819	May 20 1993
INSTANTANEOUS PEAK STAGE			4.42	Jun 3	4.57	May 20 1993
ANNUAL RUNOFF (AC-FT)	12930		39580		28180	
10 PERCENT EXCEEDS	64		158		131	
50 PERCENT EXCEEDS	5.0		9.1		7.2	
90 PERCENT EXCEEDS	.00		2.1		.61	

e Estimated

HUMBOLDT RIVER BASIN

10313400 MARYS RIVER BELOW ORANGE BRIDGE NEAR CHARLESTON, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 1991 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: November 1991 to current year.

INSTRUMENTATION.--Water temperature recorder since November 1991, hourly.

REMARKS.--Records represent water temperature at probe within 0.5°C. Interruptions in record due to loss of hydrologic communication with stream channel.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 32.0°C, August 12, 1992; minimum, freezing point on many days during winter months in most years.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 24.5°C, July 25; minimum, freezing point, many days November to April.

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17.0	11.5	13.5	4.5	3.0	3.5	.0	.0	.0	.0	.0	.0
2	15.0	10.5	12.5	6.5	1.0	3.0	.0	.0	.0	.0	.0	.0
3	11.0	8.0	9.5	4.0	.0	1.0	.0	.0	.0	.0	.0	.0
4	11.0	6.5	9.0	2.0	.0	.5	.5	.0	.0	.0	.0	.0
5	13.5	9.0	10.5	3.0	.0	1.0	1.0	.0	.0	.0	.0	.0
6	14.5	8.0	10.5	4.5	.5	2.5	1.0	.0	.0	.0	.0	.0
7	15.5	7.0	10.5	5.0	2.5	3.5	.0	.0	.0	.0	.0	.0
8	15.5	7.0	10.5	4.0	.0	1.5	.0	.0	.0	.0	.0	.0
9	15.5	6.5	10.5	5.0	1.5	3.0	.0	.0	.0	.0	.0	.0
10	15.0	7.5	10.5	5.0	1.5	3.0	.0	.0	.0	.0	.0	.0
11	14.0	8.5	10.5	6.5	2.0	4.0	.0	.0	.0	.0	.0	.0
12	12.0	6.5	9.0	4.0	1.5	3.0	.0	.0	.0	.0	.0	.0
13	13.0	8.0	9.5	2.0	.0	.5	.0	.0	.0	.0	.0	.0
14	8.5	5.0	7.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0
15	9.0	4.0	6.0	1.5	.0	.5	.0	.0	.0	.0	.0	.0
16	9.0	5.0	7.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0
17	9.5	6.0	7.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	12.0	5.5	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	11.0	4.0	7.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	11.0	4.5	7.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	11.0	4.5	7.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	11.5	4.5	7.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	11.5	4.5	7.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	11.5	4.5	7.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	11.0	4.5	7.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	9.5	5.0	7.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	11.5	6.5	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	8.5	4.0	6.5	.0	.0	.0	.5	.0	.0	.0	.0	.0
29	7.5	1.0	3.5	.0	.0	.0	.5	.0	.0	.0	.0	.0
30	7.0	.5	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	4.5	1.0	2.5	---	---	---	.0	.0	.0	1.0	.0	.5
MONTH	17.0	.5	8.2	6.5	.0	1.0	1.0	.0	.0	1.0	.0	.0

HUMBOLDT RIVER BASIN

10313400 MARYS RIVER BELOW ORANGE BRIDGE NEAR CHARLESTON, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	1.0	.0	.5	5.5	.0	3.0	8.0	2.0	5.0	10.0	4.5	7.0
2	2.0	.0	.5	6.5	.0	3.0	12.0	1.5	6.0	11.5	4.0	7.5
3	2.5	.0	.5	4.5	1.0	3.0	13.0	2.0	7.0	10.5	3.0	6.5
4	2.5	.0	.5	6.0	.0	2.5	12.5	2.5	7.5	10.0	4.5	7.0
5	3.0	.0	.5	3.0	.0	1.0	10.5	2.5	6.5	6.5	4.5	5.5
6	3.0	.0	1.0	5.0	.0	1.0	11.0	4.0	6.5	6.5	3.5	5.0
7	3.0	.0	1.0	6.0	.0	1.5	7.5	3.5	5.5	12.0	4.0	7.0
8	4.5	.0	2.0	7.0	.0	3.0	7.0	2.5	4.5	10.5	3.5	7.0
9	5.0	.0	1.5	6.5	2.0	4.0	8.5	1.0	3.5	10.0	4.0	7.5
10	5.0	.0	2.0	7.5	3.5	5.0	9.5	.0	4.0	11.0	5.5	8.0
11	3.5	.0	1.5	4.5	2.5	3.5	9.0	2.5	5.5	10.5	5.5	7.0
12	3.5	.0	1.0	8.0	2.0	4.0	10.0	2.0	6.0	10.5	3.5	6.5
13	3.5	.0	1.5	5.5	2.0	3.5	8.5	3.5	6.0	11.0	2.0	6.5
14	2.0	.0	.5	8.0	3.5	5.5	9.0	.5	4.5	11.0	4.0	7.0
15	.5	.0	.0	7.0	2.5	5.0	9.0	.0	4.0	12.0	4.0	7.5
16	.5	.0	.0	7.0	1.0	4.0	5.5	1.0	3.5	12.0	3.5	7.5
17	3.0	.0	1.0	10.5	1.0	5.5	10.5	1.0	5.0	11.5	4.0	8.0
18	7.5	.0	3.5	6.5	3.0	4.5	9.0	2.5	5.5	13.5	4.5	8.5
19	7.5	.0	3.0	9.5	2.0	5.0	10.0	2.0	5.5	12.5	4.5	8.0
20	7.5	.0	3.0	8.0	3.5	5.5	5.0	2.0	3.0	12.5	4.5	8.5
21	7.0	.0	3.0	5.0	1.5	3.0	11.5	1.0	5.0	12.0	4.5	8.0
22	7.5	.0	3.0	7.5	.0	3.0	12.5	2.0	7.0	9.5	6.0	7.5
23	8.0	.0	3.5	3.5	1.0	2.5	13.0	2.0	7.5	9.0	4.5	7.0
24	8.0	.5	3.5	6.0	.0	2.0	11.5	3.0	7.5	8.0	5.0	6.0
25	8.0	.5	3.5	7.0	.0	3.0	11.0	4.0	7.5	10.5	5.0	7.5
26	7.5	.5	3.5	5.5	.0	2.5	13.0	2.0	7.5	12.0	4.0	7.5
27	7.0	1.0	3.5	4.5	.0	2.0	13.0	3.5	8.0	11.5	3.5	7.0
28	7.5	.0	3.0	6.0	.0	2.5	8.5	3.5	6.0	11.0	4.0	7.5
29	---	---	---	6.5	.0	2.5	6.0	3.0	5.0	12.5	5.0	8.5
30	---	---	---	10.5	.0	4.5	12.0	3.0	7.0	13.5	5.0	9.0
31	---	---	---	12.0	.5	6.0	---	---	---	11.5	5.5	8.5
MONTH	8.0	.0	1.8	12.0	.0	3.4	13.0	.0	5.7	13.5	2.0	7.3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	13.0	5.5	9.0	12.0	10.0	11.0	---	---	---	---	---	---
2	8.5	6.0	7.5	12.5	9.5	11.0	---	---	---	---	---	---
3	9.5	6.5	7.5	12.5	9.5	11.0	---	---	---	---	---	---
4	11.5	5.0	8.0	14.0	8.5	11.0	---	---	---	---	---	---
5	9.0	5.0	7.0	15.0	10.0	12.5	---	---	---	---	---	---
6	8.0	4.0	5.5	17.0	11.0	14.0	---	---	---	---	---	---
7	6.5	4.0	5.5	19.0	10.0	14.5	---	---	---	---	---	---
8	6.5	4.5	5.5	18.0	10.5	14.5	---	---	---	22.0	13.0	17.0
9	8.5	5.5	7.0	19.0	11.0	15.0	---	---	---	20.0	12.5	16.0
10	11.5	5.5	8.5	16.5	11.0	14.0	---	---	---	20.5	13.5	17.0
11	13.0	7.5	10.5	20.0	10.0	15.0	---	---	---	22.0	12.5	17.0
12	13.0	8.0	10.5	19.5	11.5	15.0	---	---	---	22.5	12.5	17.0
13	12.0	8.0	10.0	20.0	9.0	14.5	---	---	---	22.5	12.5	17.0
14	11.0	7.5	9.0	21.5	10.0	15.5	---	---	---	23.0	13.0	17.5
15	10.0	7.5	9.0	22.0	10.5	16.5	---	---	---	23.0	13.0	18.0
16	9.5	7.5	8.5	23.0	11.5	17.5	---	---	---	21.0	13.5	17.0
17	11.0	7.0	9.0	23.0	12.5	18.0	---	---	---	17.5	14.5	16.0
18	10.0	7.5	8.5	20.0	13.5	17.0	---	---	---	21.0	12.0	16.0
19	10.5	7.0	8.5	23.5	13.5	18.0	---	---	---	21.0	11.0	15.5
20	9.0	6.0	7.5	20.0	13.5	17.0	---	---	---	20.0	11.0	15.0
21	8.5	6.0	7.5	22.5	13.5	18.0	---	---	---	19.0	9.0	13.5
22	11.0	6.5	8.5	18.5	13.5	16.5	---	---	---	18.0	7.5	12.5
23	12.0	8.0	10.0	23.0	11.0	16.5	---	---	---	16.5	8.0	12.0
24	14.0	8.5	11.0	24.0	12.5	18.0	---	---	---	17.5	8.0	12.5
25	13.5	9.0	11.5	24.5	12.0	18.0	---	---	---	18.0	9.5	13.5
26	13.0	9.0	11.5	23.5	13.0	18.0	---	---	---	16.0	10.0	13.0
27	14.0	10.0	12.0	---	---	---	---	---	---	17.0	9.0	12.5
28	13.5	9.5	11.5	---	---	---	---	---	---	16.0	8.5	12.0
29	13.0	8.5	11.0	---	---	---	---	---	---	13.5	9.0	11.0
30	12.5	9.0	11.0	---	---	---	---	---	---	13.5	6.5	9.5
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	14.0	4.0	8.9	---	---	---	---	---	---	---	---	---

HUMBOLDT RIVER BASIN

10315500 MARYS RIVER ABOVE HOT SPRINGS CREEK, NEAR DEETH, NV

LOCATION.--Lat 41°15'10", long 115°15'20", in NE 1/4 SE 1/4 sec.24, T.39 N., R.59 E., Elko County, Hydrologic Unit 16040101, on right bank, 1 mi upstream from Hot Springs Creek, 7 mi north of Cross Ranch, and 13 mi north of Deeth.

DRAINAGE AREA.--415 mi^2.

PERIOD OF RECORD.--October 1943 to September 1980, October 1981 to current year. Prior to October 1950, published as "below Hot Springs Creek, near Deeth."

GAGE.--Water-stage recorder. Elevation of gage is 5,500 ft above sea level, from river-profile map. Prior to November 3, 1950, at site 1.2 mi downstream at different datum. November 3, 1950, to September 30, 1967, water-stage recorder at datum 1.00 ft higher. October 1, 1967, to September 8, 1982, at site 200 ft downstream at datum 0.33 ft higher.

REMARKS.--No estimated daily discharges. Records fair. Several diversions for irrigation of 7,150 acres, Humboldt Decree, above station. No flow occurred for part of each day, August 27-30, September 2-5, 1967. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.7	2.1	2.5	5.1	29	55	71	107	263	148	6.1	1.5
2	1.6	2.1	2.5	5.0	30	54	72	111	287	140	5.3	1.5
3	1.5	2.0	2.5	4.9	39	55	70	117	324	137	4.9	1.6
4	1.7	2.1	2.5	4.8	40	58	71	117	343	130	4.4	1.7
5	1.8	2.5	2.5	4.9	42	64	82	118	386	119	3.8	1.7
6	1.7	2.4	2.6	5.0	41	55	99	125	432	110	3.5	1.6
7	1.6	2.4	2.6	5.0	41	50	108	133	403	103	3.2	1.5
8	1.6	2.3	2.6	5.1	40	47	114	137	350	98	2.8	1.5
9	1.6	2.2	2.6	5.7	37	49	115	139	318	92	2.7	1.5
10	1.7	2.3	2.6	7.3	35	51	111	140	281	86	2.5	1.5
11	1.8	2.3	2.7	9.1	35	67	106	144	247	82	2.4	1.6
12	1.8	2.3	2.6	8.3	36	119	102	153	218	77	2.2	1.6
13	1.8	2.2	2.6	10	35	121	99	156	214	70	2.1	1.6
14	1.8	2.2	2.6	11	33	105	104	148	233	64	2.2	1.5
15	1.8	2.2	2.6	13	25	102	109	144	251	57	2.0	1.5
16	1.8	2.2	2.7	11	22	107	106	143	258	51	1.9	1.5
17	1.9	2.3	2.7	11	28	104	104	146	253	45	1.9	1.6
18	1.9	2.2	2.7	10	35	99	100	149	240	41	1.9	1.7
19	1.9	2.4	2.7	8.8	34	104	96	166	235	37	1.8	1.7
20	1.9	2.3	2.9	9.4	33	106	93	187	221	34	1.8	1.6
21	1.9	2.3	2.9	9.9	33	117	90	204	215	33	1.8	1.7
22	1.9	2.3	2.8	8.8	36	132	85	225	196	31	1.8	1.7
23	2.0	2.3	3.1	9.1	41	126	80	248	178	29	1.8	1.7
24	1.9	2.3	3.3	9.1	41	120	77	266	159	27	1.8	1.8
25	2.0	2.4	3.8	10	46	108	76	287	146	24	1.7	1.8
26	2.0	2.6	4.2	13	54	98	80	259	151	20	1.7	1.8
27	2.0	2.5	5.2	13	58	93	82	238	159	17	1.6	1.8
28	2.0	2.5	6.1	12	56	87	88	219	170	13	1.6	1.8
29	2.0	2.5	7.0	13	---	83	100	212	173	11	1.6	1.9
30	2.0	2.5	5.8	13	---	78	104	216	162	8.4	1.6	1.9
31	2.0	---	6.5	20	---	74	---	235	---	7.3	1.6	---
TOTAL	56.6	69.2	103.0	285.3	1055	2688	2794	5389	7466	1941.7	78.0	49.4
MEAN	1.83	2.31	3.32	9.20	37.7	86.7	93.1	174	249	62.6	2.52	1.65
MAX	2.0	2.6	7.0	20	58	132	115	287	432	148	6.1	1.9
MIN	1.5	2.0	2.5	4.8	22	47	70	107	146	7.3	1.6	1.5
AC-FT	112	137	204	566	2090	5330	5540	10690	14810	3850	155	98

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 1995, BY WATER YEAR (WY)

MEAN	6.10	11.5	15.2	19.6	37.9	76.3	174	248	157	27.2	4.56	2.86
MAX	30.4	35.0	41.9	70.4	226	316	515	868	555	154	42.3	20.3
(WY)	1985	1985	1984	1971	1962	1986	1952	1984	1984	1984	1984	1984
MIN	.94	3.03	3.32	5.78	7.05	16.8	40.0	43.2	3.50	1.11	.49	.38
(WY)	1956	1995	1995	1955	1993	1977	1955	1992	1992	1961	1948	1955

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1944 - 1995	
ANNUAL TOTAL	7394.18		21975.2			
ANNUAL MEAN	20.3		60.2		65.0	
HIGHEST ANNUAL MEAN					194	1984
LOWEST ANNUAL MEAN					16.1	1992
HIGHEST DAILY MEAN	145	May 14	432	Jun 6	2690	Feb 12 1962
LOWEST DAILY MEAN	.84	Aug 6	1.5	Oct 3	.20	Aug 20 1944
ANNUAL SEVEN-DAY MINIMUM	.85	Aug 15	1.5	Sep 6	.20	Aug 29 1948
INSTANTANEOUS PEAK FLOW			437	Jun 6	4210	Feb 12 1962
INSTANTANEOUS PEAK STAGE			4.89	Jun 6	7.63	Feb 12 1962
ANNUAL RUNOFF (AC-FT)	14670		43590		47080	
10 PERCENT EXCEEDS	66		171		202	
50 PERCENT EXCEEDS	4.3		13		17	
90 PERCENT EXCEEDS	1.0		1.7		1.6	

HUMBOLDT RIVER BASIN

10315600 MARYS RIVER BELOW TWIN BUTTES NEAR DEETH, NV

LOCATION.--Lat 41°09'16", long 115°16'13", in SW $^1/_4$ NW $^1/_4$ sec.25, T.38 N., R.59 E., Elko County, Hydrologic Unit 16040101, on right bank, 6 mi north of Deeth.

DRAINAGE AREA.--516 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,410 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.57	e5.0	e18	55	74	99	e290	147	7.1	.00
2	.00	.00	.91	e4.8	e30	54	72	101	e310	137	5.8	.00
3	.00	.00	1.7	e4.7	e41	58	71	106	e340	132	4.7	.00
4	.00	.00	e2.5	e4.6	e38	57	70	111	e380	126	4.5	.00
5	.00	.00	e2.4	e4.6	41	60	74	111	e400	118	4.0	.00
6	.00	.00	e2.4	e4.6	42	57	85	117	e420	107	3.3	.00
7	.00	.00	e2.4	e4.6	42	51	100	127	428	99	2.3	.00
8	.00	.00	e2.5	e4.8	40	49	110	131	408	94	1.4	.00
9	.00	.00	e2.4	e5.1	38	48	115	133	366	88	.89	.00
10	.00	.00	e2.4	e5.8	36	51	112	137	315	82	.47	.00
11	.00	.00	e2.5	e6.9	36	67	107	138	272	77	.28	.00
12	.00	.26	e2.5	e7.8	35	91	102	147	230	74	.27	.00
13	.00	.51	e2.5	e8.1	35	116	97	149	207	68	.16	.00
14	.00	.42	e2.5	e9.2	34	105	97	146	209	62	.10	.00
15	.00	.49	e2.5	e10	e26	99	104	141	230	56	.06	.00
16	.00	.62	e2.6	e10	e23	101	106	137	249	49	.01	.00
17	.00	.73	e2.6	e9.5	e22	101	102	139	253	43	.00	.00
18	.00	.81	e2.6	e8.4	23	97	98	141	243	37	.00	.00
19	.00	.55	e2.6	e8.2	27	97	92	147	237	34	.00	.00
20	.00	.67	e2.6	e8.3	29	102	91	159	224	30	.00	.00
21	.00	1.0	e2.6	e8.4	33	128	88	173	232	28	.00	.00
22	.00	.89	e2.6	e7.8	34	129	86	180	206	26	.00	.00
23	.00	.66	e2.8	e7.2	37	131	80	e200	186	25	.00	.00
24	.00	.85	e2.9	e7.3	40	120	77	e230	160	23	.00	.00
25	.00	1.2	e3.2	e7.2	42	111	75	e250	145	20	.00	.00
26	.00	1.4	e3.4	e7.4	46	101	76	e280	141	17	.00	.00
27	.00	1.8	e4.0	e7.8	53	95	77	e270	144	14	.00	.00
28	.00	1.1	e4.7	e8.3	55	90	78	e260	151	12	.00	.00
29	.00	.66	e5.7	e9.1	---	85	89	e250	159	11	.00	.00
30	.00	.51	e5.5	e9.0	---	81	92	e250	156	9.1	.00	.00
31	.00	---	e5.4	e9.9	---	77	---	e270	---	8.0	.00	---
TOTAL	0.00	15.13	88.48	224.4	996	2664	2697	5230	7691	1853.1	35.34	0.00
MEAN	.000	.50	2.85	7.24	35.6	85.9	89.9	169	256	59.8	1.14	.000
MAX	.00	1.8	5.7	10	55	131	115	280	428	147	7.1	.00
MIN	.00	.00	.57	4.6	18	48	70	99	141	8.0	.00	.00
AC-FT	.00	30	176	445	1980	5280	5350	10370	15260	3680	70	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1995, BY WATER YEAR (WY)

MEAN	.45	3.20	4.64	6.21	16.0	81.2	104	151	111	21.1	.68	.000
MAX	1.79	6.17	7.24	7.88	35.6	171	228	313	256	59.8	1.58	.000
(WY)	1994	1994	1994	1994	1995	1993	1993	1993	1995	1995	1993	1992
MIN	.000	.50	1.81	4.19	5.25	32.5	41.4	36.3	1.90	.004	.000	.000
(WY)	1992	1995	1993	1993	1993	1992	1992	1992	1992	1994	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1992 - 1995	
ANNUAL TOTAL	6697.40		21494.45			
ANNUAL MEAN	18.3		58.9		41.7	
HIGHEST ANNUAL MEAN					76.6	1993
LOWEST ANNUAL MEAN					12.1	1992
HIGHEST DAILY MEAN	140	May 13	428	Jun 7	466	Mar 29 1993
LOWEST DAILY MEAN	.00	Jul 3	.00	Oct 1	.00	Oct 1 1991
ANNUAL SEVEN-DAY MINIMUM	.00	Jul 3	.00	Oct 1	.00	Oct 1 1991
INSTANTANEOUS PEAK FLOW			432	Jun 7	592	Mar 18 1993
INSTANTANEOUS PEAK STAGE			6.90	Jun 7	7.62	Mar 18 1993
ANNUAL RUNOFF (AC-FT)	13280		42630		30210	
10 PERCENT EXCEEDS	63		159		137	
50 PERCENT EXCEEDS	2.8		9.5		6.4	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated

HUMBOLDT RIVER BASIN

10315600 MARYS RIVER BELOW TWIN BUTTES NEAR DEETH, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1992 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: June 1992 to current year.

INSTRUMENTATION.--Water temperature recorder since June 1992, hourly.

REMARKS.--Records represent water temperature at probe within 0.5°C. Interruptions in record due to periods of no flow (see Water-Discharge Records).

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum recorded, 27.5°C, June 20, 22, 1994; minimum recorded, freezing point on many days during winter months.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum recorded, 27.0°C, August 4, 5; minimum recorded, freezing point on many days during winter months.

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	.0	.0	.0	.0	.0	.0
2	---	---	---	---	---	---	.0	.0	.0	.0	.0	.0
3	---	---	---	---	---	---	.0	.0	.0	.0	.0	.0
4	---	---	---	---	---	---	.0	.0	.0	.0	.0	.0
5	---	---	---	---	---	---	.0	.0	.0	.0	.0	.0
6	---	---	---	---	---	---	.0	.0	.0	.0	.0	.0
7	---	---	---	---	---	---	.0	.0	.0	.0	.0	.0
8	---	---	---	---	---	---	.0	.0	.0	.0	.0	.0
9	---	---	---	---	---	---	.0	.0	.0	.0	.0	.0
10	---	---	---	---	---	---	.0	.0	.0	.0	.0	.0
11	---	---	---	---	---	---	.0	.0	.0	.0	.0	.0
12	---	---	---	3.5	2.5	3.0	.0	.0	.0	.0	.0	.0
13	---	---	---	2.5	.0	1.0	.0	.0	.0	.0	.0	.0
14	---	---	---	1.0	.0	.5	.0	.0	.0	.0	.0	.0
15	---	---	---	1.0	.0	.5	.0	.0	.0	.0	.0	.0
16	---	---	---	.5	.0	.0	.0	.0	.0	.0	.0	.0
17	---	---	---	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	---	---	---	.5	.0	.0	.0	.0	.0	.0	.0	.0
19	---	---	---	.5	.0	.0	.0	.0	.0	.0	.0	.0
20	---	---	---	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	---	---	---	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	---	---	---	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	---	---	---	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	---	---	---	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	---	---	---	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	---	---	---	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	---	---	---	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	---	---	---	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	---	---	---	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	---	---	---	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	---	---	---	---	---	---	.0	.0	.0	.0	.0	.0
MONTH	---	---	---	---	---	---	.0	.0	.0	.0	.0	.0

10315600 MARYS RIVER BELOW TWIN BUTTES NEAR DEETH, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	.0	.0	.0	6.5	3.5	5.0	9.5	6.0	8.0	13.5	10.5	12.0
2	.0	.0	.0	7.5	3.5	5.5	11.5	6.0	9.0	13.5	10.0	11.5
3	.0	.0	.0	7.0	4.5	6.0	13.0	6.5	10.0	13.0	9.5	11.5
4	.5	.0	.0	6.5	2.5	4.5	13.5	8.0	10.5	13.0	9.5	11.5
5	2.5	.0	1.0	4.5	2.0	3.0	12.5	9.0	11.0	11.5	9.5	10.5
6	3.0	.0	1.5	5.0	.0	2.5	12.5	9.0	10.5	10.0	8.0	9.0
7	3.0	.0	1.5	5.5	.0	3.0	10.5	9.0	9.5	10.5	7.5	8.5
8	3.0	.5	2.0	7.0	2.0	4.5	9.5	7.0	8.5	12.5	8.5	10.5
9	4.0	.0	2.0	8.0	4.5	6.5	8.5	5.0	7.0	13.5	9.0	11.5
10	3.5	.0	2.0	8.0	6.0	7.0	9.0	4.0	6.5	14.0	11.0	12.5
11	3.0	1.5	2.5	7.0	5.0	6.5	9.5	6.0	8.0	13.5	11.5	12.0
12	2.5	.0	1.5	7.0	4.0	5.5	10.0	6.0	8.0	12.5	9.0	11.0
13	1.5	.5	1.0	5.5	4.0	5.0	11.5	7.5	9.5	12.5	8.5	11.0
14	2.0	.0	.5	8.0	5.5	6.5	9.0	5.5	7.5	14.0	9.5	12.0
15	.0	.0	.0	9.0	6.5	7.5	9.5	4.5	7.0	14.0	10.0	12.0
16	.5	.0	.0	8.5	4.5	6.5	7.5	4.5	6.0	15.5	9.5	13.0
17	2.5	.0	1.0	10.0	5.0	7.5	8.5	4.5	6.5	16.0	12.0	14.0
18	5.5	1.0	3.0	8.5	6.5	7.5	8.5	6.0	7.0	16.0	12.5	14.5
19	6.0	1.5	4.0	9.5	5.5	7.5	9.5	6.0	7.5	17.5	12.5	15.0
20	6.5	2.0	4.5	10.5	7.5	9.0	7.5	5.0	6.0	18.0	13.5	16.0
21	7.0	2.5	5.0	8.5	3.5	6.0	7.0	3.5	5.5	17.5	14.0	16.0
22	7.5	3.0	5.0	7.0	2.0	4.5	10.5	4.5	7.5	16.5	14.0	15.0
23	8.5	3.0	6.0	5.0	3.0	4.5	13.0	6.5	9.5	14.5	12.0	13.0
24	9.0	4.0	6.5	3.5	1.5	2.5	13.0	8.0	11.0	13.5	10.5	11.5
25	9.0	4.0	6.5	5.0	1.0	3.0	13.0	9.0	11.0	13.5	10.0	11.5
26	8.0	4.0	6.0	4.5	2.0	3.5	14.0	8.0	11.0	14.0	10.5	12.0
27	7.0	4.5	6.0	5.5	1.5	3.5	15.5	9.5	12.5	14.5	10.5	12.5
28	7.5	3.5	5.5	5.0	1.5	3.5	12.5	10.5	11.5	16.0	11.5	13.5
29	---	---	---	5.5	1.5	3.5	12.0	9.5	11.0	17.0	12.0	15.0
30	---	---	---	8.0	1.5	5.0	13.5	8.5	11.0	16.5	13.5	15.0
31	---	---	---	10.5	4.5	7.5	---	---	---	17.5	13.0	15.5
MONTH	9.0	.0	2.7	10.5	.0	5.3	15.5	3.5	8.8	18.0	7.5	12.6

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	17.5	14.0	16.0	19.5	18.0	18.5	24.5	16.0	20.5	---	---	---
2	16.5	14.0	15.0	19.5	15.5	17.5	24.5	16.5	21.0	---	---	---
3	14.0	13.0	13.5	19.5	16.5	18.0	24.5	17.5	21.5	---	---	---
4	18.0	12.0	15.0	20.0	15.0	17.5	27.0	18.0	22.5	---	---	---
5	17.5	11.5	14.5	21.5	16.0	19.0	27.0	19.0	23.0	---	---	---
6	12.0	9.5	10.5	21.0	17.5	19.0	26.0	19.0	22.5	---	---	---
7	10.5	8.0	9.0	23.5	17.0	20.0	24.0	18.5	21.0	---	---	---
8	9.5	8.5	9.0	23.0	18.5	21.0	24.5	16.0	20.0	---	---	---
9	14.5	8.5	11.0	23.0	18.5	21.0	25.0	16.5	20.5	---	---	---
10	17.5	11.0	14.0	22.0	18.5	20.5	24.5	18.0	21.0	---	---	---
11	20.0	14.5	17.0	23.0	17.5	20.5	24.5	17.0	20.5	---	---	---
12	21.0	16.0	18.5	22.0	18.0	20.0	24.0	16.5	20.0	---	---	---
13	21.0	16.5	19.0	22.0	15.5	19.0	22.5	17.0	19.5	---	---	---
14	19.5	16.5	17.5	23.0	16.0	19.5	22.0	17.0	19.5	---	---	---
15	17.5	15.0	16.5	24.0	17.0	20.5	22.5	17.0	19.5	---	---	---
16	16.5	14.0	15.0	24.5	18.0	21.5	23.0	17.0	19.5	---	---	---
17	17.0	12.0	14.5	25.0	18.5	22.0	---	---	---	---	---	---
18	16.0	14.0	15.0	23.0	19.5	21.0	---	---	---	---	---	---
19	16.5	13.5	15.0	24.5	18.0	21.5	---	---	---	---	---	---
20	15.0	12.0	13.0	25.0	18.5	21.5	---	---	---	---	---	---
21	14.0	10.5	12.5	24.0	18.5	21.5	---	---	---	---	---	---
22	15.5	11.5	13.5	23.0	18.5	20.5	---	---	---	---	---	---
23	18.5	13.5	16.0	23.0	16.0	19.5	---	---	---	---	---	---
24	21.0	15.5	18.0	23.5	16.5	20.0	---	---	---	---	---	---
25	22.0	16.5	19.5	25.0	16.5	20.5	---	---	---	---	---	---
26	23.0	18.0	20.5	23.5	17.5	20.5	---	---	---	---	---	---
27	22.0	18.5	20.5	24.5	15.5	20.0	---	---	---	---	---	---
28	22.5	18.0	20.0	26.0	16.5	21.0	---	---	---	---	---	---
29	21.0	16.5	19.0	24.0	17.5	21.0	---	---	---	---	---	---
30	21.0	17.0	19.0	24.0	15.0	19.0	---	---	---	---	---	---
31	---	---	---	24.5	15.0	19.5	---	---	---	---	---	---
MONTH	23.0	8.0	15.6	26.0	15.0	20.1	---	---	---	---	---	---

HUMBOLDT RIVER BASIN

10316500 LAMOILLE CREEK NEAR LAMOILLE, NV

LOCATION.--Lat 40°41'27", long 115°28'32", in NE $^1/_4$ NE $^1/_4$ sec.6, T.32 N., R.58 E., Elko County, Hydrologic Unit 16040101, in Humboldt National Forest, at mouth of canyon, on right bank, 100 ft upstream from McDermott ditch diversion, and 3 mi south of Lamoille.

DRAINAGE AREA.--25 mi^2, approximately.

PERIOD OF RECORD.--May 1915 to May 1923, October 1943 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,240 ft above sea level, from topographic map. Prior to October 1, 1943, nonrecording gages at various sites nearby at different datums. October 1 to January 16, 1975, water-stage recorder at site 600 ft downstream at datum 4.28 ft lower.

REMARKS.--Records poor. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.5	e4.3	5.6	e5.0	6.2	8.9	15	37	280	287	78	15
2	3.3	e4.4	5.6	e4.9	6.1	9.2	15	44	326	277	73	14
3	3.1	e4.6	5.8	e4.7	5.6	9.8	15	43	622	307	70	15
4	3.4	e4.7	5.8	e4.5	5.6	9.8	16	44	493	270	68	19
5	4.0	e4.8	5.8	4.2	5.6	9.4	18	46	444	255	66	18
6	3.8	e4.8	5.8	3.9	5.8	11	19	45	344	266	63	16
7	3.4	4.8	e5.9	3.7	6.0	11	20	47	269	279	60	14
8	3.4	4.6	e5.9	3.7	6.4	9.4	21	47	225	271	56	13
9	3.3	4.5	e6.0	3.9	6.3	9.6	21	48	194	304	50	13
10	3.4	4.4	e6.0	4.0	6.3	11	21	52	179	320	47	12
11	3.4	4.6	e6.2	4.0	6.6	14	21	56	213	295	46	12
12	3.4	4.7	6.6	3.9	6.4	12	22	57	282	244	41	11
13	3.7	e4.9	5.6	4.1	6.7	12	23	55	346	200	38	11
14	4.0	e5.0	5.6	4.4	6.8	12	23	55	373	174	35	11
15	4.0	e5.0	5.6	4.5	e7.0	13	23	55	355	171	32	10
16	3.9	5.1	5.8	4.3	e7.0	13	23	56	312	171	31	9.7
17	3.9	5.2	5.8	e4.2	7.5	13	24	59	255	165	29	10
18	4.0	e5.2	5.8	e4.1	6.7	14	23	66	245	164	28	11
19	4.0	e5.2	e5.7	e4.0	6.7	15	23	77	238	156	26	9.9
20	4.0	e5.1	e5.7	e4.0	6.6	16	23	102	216	147	24	9.2
21	4.0	e5.0	5.6	4.0	6.7	19	23	146	190	147	24	8.8
22	4.0	4.8	5.6	e4.0	6.8	17	22	191	182	150	27	8.7
23	4.0	5.4	5.6	e4.0	7.1	17	23	196	204	139	31	8.2
24	4.1	5.4	5.5	3.9	7.3	17	25	179	244	127	28	8.0
25	4.3	5.3	5.7	3.9	7.6	16	26	166	297	118	25	7.9
26	4.4	5.2	5.7	4.3	8.3	16	26	149	333	111	22	7.7
27	4.4	5.3	5.6	4.2	8.5	16	27	132	365	102	20	7.6
28	4.4	5.1	5.6	4.3	8.7	15	29	125	357	102	18	7.2
29	4.4	5.6	5.7	4.0	---	15	30	133	329	105	17	7.3
30	4.3	5.7	e5.5	4.0	---	15	32	155	295	99	16	7.4
31	4.2	---	e5.3	5.1	---	15	---	196	---	85	15	---
TOTAL	119.4	148.7	178.0	129.7	188.9	411.1	672	2859	9007	6008	1204	332.6
MEAN	3.85	4.96	5.74	4.18	6.75	13.3	22.4	92.2	300	194	38.8	11.1
MAX	4.4	5.7	6.6	5.1	8.7	19	32	196	622	320	78	19
MIN	3.1	4.3	5.3	3.7	5.6	8.9	15	37	179	85	15	7.2
AC-FT	237	295	353	257	375	815	1330	5670	17870	11920	2390	660

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1915 - 1995, BY WATER YEAR (WY)

MEAN	7.69	6.55	5.58	5.10	5.31	7.75	25.6	137	210	85.0	17.7	8.30
MAX	49.1	29.4	17.5	11.2	12.4	20.0	71.4	264	350	203	65.1	42.4
(WY)	1983	1983	1983	1971	1971	1989	1989	1984	1970	1975	1984	1982
MIN	2.70	3.04	2.60	2.00	2.55	3.06	5.37	48.2	44.9	15.1	4.65	3.08
(WY)	1988	1988	1988	1917	1991	1955	1955	1953	1992	1966	1992	1987

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1915 - 1995	
ANNUAL TOTAL	11226.1		21258.4			
ANNUAL MEAN	30.8		58.2		43.8	
HIGHEST ANNUAL MEAN					77.1	1984
LOWEST ANNUAL MEAN					20.5	1959
HIGHEST DAILY MEAN	272	May 15	622	Jun 3	693	May 30 1983
LOWEST DAILY MEAN	2.5	Sep 25	3.1	Oct 3	1.5	Jan 12 1963
ANNUAL SEVEN-DAY MINIMUM	2.7	Sep 22	3.4	Oct 7	2.0	Jan 1 1917
INSTANTANEOUS PEAK FLOW			787	Jun 3	838	Jun 3 1986
INSTANTANEOUS PEAK STAGE			6.11	Jun 3	6.11	Jun 3 1995
ANNUAL RUNOFF (AC-FT)	22270		42170		31760	
10 PERCENT EXCEEDS	107		214		153	
50 PERCENT EXCEEDS	5.6		12		8.4	
90 PERCENT EXCEEDS	3.3		4.0		3.6	

e Estimated

HUMBOLDT RIVER BASIN

10318500 HUMBOLDT RIVER NEAR ELKO, NV

LOCATION.--Lat 40°56'10", long 115°37'25", in SE $^1/_4$ NE $^1/_4$ sec.11, T.35 N., R.56 E., Elko County, Hydrologic Unit 16040101, on right bank, 1 mi southwest of Ryndon, 1.5 mi upstream from Jackson Creek, 5 mi downstream from confluence of North Fork Humboldt River, and 10 mi northeast of Elko.

DRAINAGE AREA.--2,800 mi^2, approximately.

PERIOD OF RECORD.--June 1895 to October 1902, October 1944 to current year.

REVISED RECORDS.--WSP 1714: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 5,142.32 ft above sea level. June 1895 to October 1902, nonrecording gage at site 11 mi downstream at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Diversions for irrigation of 95,800 acres above station. No flow some years during summer months. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.8	2.1	11	e24	549	153	319	399	854	1540	178	27
2	1.8	2.0	12	e23	539	156	307	445	968	1460	155	27
3	1.7	2.2		e24	417	171	296	503	1440	1460	116	29
4	1.9	2.7		25	315	180	271	555	2650	1420	102	29
5	2.0	3.9		23	251	209	257	482	3710	1410	88	31
6	1.7	4.9	e25	21	208	187	251	530	3770	1360	78	33
7	1.6	7.0	e24	24	182	162	247	662	3610	1270	72	34
8	1.6	8.5	e23	26	163	157	253	856	3010	1220	66	33
9	1.7	11	e22	31	162	156	266	835	2880	1140	60	31
10	1.7	10	e21	39	155	164	280	760	2820	1100	56	32
11	1.7	9.5	21	38	151	180	296	723	2410	1100	50	24
12	1.7	9.2	20	43	145	306	297	766	2010	1100	45	20
13	1.7	7.7	e19	45	134	372	291	805	1790	1070	41	19
14	1.8	6.3	e19	55	123	330	293	892	1710	963	37	19
15	1.8	6.0	e20	e50	114	326	310	841	1850	795	34	19
16	1.8	8.2	21	e48	113	338	319	769	2040	718	30	18
17	1.9	e7.8	e19	e45	107	315	323	715	2080	658	27	18
18	1.8	e7.3	e18	e49	121	296	324	661	1990	606	25	18
19	1.8	e7.5	e18	e51	128	282	359	643	1820	561	24	19
20	1.8	8.4	e19	e51	136	283	403	622	1710	534	22	19
21	1.8	7.9	20	e51	136	360	392	622	1640	500	20	18
22	1.8	e8.0	19	e50	136	510	406	642	1600	482	21	31
23	1.8	e8.1	18	e50	134	590	448	774	1520	460	29	36
24	1.8	8.7	18	e50	133	538	433	1170	1360	437	33	37
25	1.8	8.5	20	52	139	480	428	1400	1270	408	32	39
26	2.0	8.2	25	59	145	445	421	1380	1200	376	31	40
27	2.1	9.4	27	e58	146	418	408	1320	1230	341	31	40
28	2.0	12	30	e60	149	389	377	1150	1300	309	30	40
29	1.8	12	31	67	---	369	370	999	1440	270	29	41
30	1.9	12	e27	66	---	347	370	893	1560	221	29	42
31	1.9	---	e25	73	---	333	---	839	---	192	28	---
TOTAL	56.0	227.0	663	1371	5331	9502	10015	24653	59242	25481	1619	863
MEAN	1.81	7.57	21.4	44.2	190	307	334	795	1975	822	52.2	28.8
MAX	2.1	12	31	73	549	590	448	1400	3770	1540	178	42
MIN	1.6	2.0	11	21	107	153	247	399	854	192	20	18
AC-FT	111	450	1320	2720	10570	18850	19860	48900	117500	50540	3210	1710

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1895 - 1995, BY WATER YEAR (WY)

MEAN	26.2	51.3	63.5	93.9	198	363	528	663	786	202	26.1	11.6
MAX	211	330	358	389	1295	1708	2583	3592	2831	1142	319	107
(WY)	1983	1900	1984	1980	1986	1983	1984	1984	1984	1984	1984	1899
MIN	1.02	1.32	4.30	3.65	8.54	71.4	65.3	46.1	9.60	2.35	.50	.63
(WY)	1955	1955	1960	1960	1955	1961	1992	1959	1992	1954	1954	1955

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1895 - 1995	
ANNUAL TOTAL	28737.5		139023.0			
ANNUAL MEAN	78.7		381		251	
HIGHEST ANNUAL MEAN					1101	1984
LOWEST ANNUAL MEAN					35.6	1961
HIGHEST DAILY MEAN	799	May 15	3770	Jun 6	6530	Mar 4 1983
LOWEST DAILY MEAN	1.3	Aug 17	1.6	Oct 7	.00	Aug 6 1900
ANNUAL SEVEN-DAY MINIMUM	1.4	Aug 12	1.7	Oct 6	.00	Aug 6 1900
INSTANTANEOUS PEAK FLOW			3840	Jun 5	7200	Feb 19 1986
INSTANTANEOUS PEAK STAGE			9.22	Jun 5	12.30	Feb 13 1962
ANNUAL RUNOFF (AC-FT)	57000		275800		181700	
10 PERCENT EXCEEDS	182		1250		723	
50 PERCENT EXCEEDS	27		113		71	
90 PERCENT EXCEEDS	1.5		4.5		2.1	

e Estimated

HUMBOLDT RIVER BASIN

10319900 SOUTH FORK HUMBOLDT RIVER ABOVE TENMILE CREEK NEAR ELKO, NV

LOCATION.--Lat 40°37'42", long 115°43'44", in NE $^1/_4$ SW $^1/_4$ sec.25, T.32 N., R.55 E., Elko County, Hydrologic Unit 16040103, on right bank, 5 mi above South Fork Dam, and 19.5 mi southeast of Elko.

DRAINAGE AREA.--898 mi^2.

PERIOD OF RECORD.--February 1989 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,280 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

REVISED RECORD.--NV-92-1:1991.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.0	9.9	12	e15	48	62	120	209	876	749	e150	17
2	3.9	11	12	e15	46	65	129	251	1280	716	e130	16
3	3.6	10	13	e15	39	67	129	263	2010	738	e110	16
4	3.8	10	14	e15	37	67	130	267	e1000	723	e95	20
5	4.0	11	15	17	36	63	141	257	e900	679	e90	27
6	4.6	13	15	17	35	58	153	321	e820	658	e85	21
7	4.6	14	13	18	35	55	161	515	e790	645	e80	20
8	4.6	14	11	19	38	55	168	696	e720	641	e70	19
9	4.5	13	8.9	23	39	54	172	567	e680	638	e60	19
10	4.5	13	8.6	24	39	60	169	644	e680	661	e50	21
11	4.9	13	9.1	24	38	92	156	677	e800	649	44	23
12	5.2	12	10	23	36	109	144	705	e900	570	40	20
13	4.0	12	11	e23	35	96	145	714	e1000	515	35	15
14	17	11	11	e25	35	90	171	587	e1000	453	33	12
15	19	12	11	e30	28	91	186	525	e1000	419	31	12
16	16	12	11	e30	36	92	181	519	e900	396	27	10
17	11	11	e10	e30	36	91	175	472	e850	385	25	10
18	6.0	11	e8.0	e27	35	91	169	447	e800	374	25	12
19	5.3	12	e8.0	21	33	96	213	468	e740	358	29	11
20	5.2	12	e8.0	25	32	101	225	507	e700	336	27	8.9
21	5.5	12	e8.0	27	32	185	231	597	e660	322	24	8.6
22	6.1	11	e8.0	23	34	208	232	821	623	325	26	9.6
23	6.3	11	e8.0	24	36	197	213	1070	578	303	32	9.3
24	6.9	11	e8.0	26	40	175	192	910	592	274	28	8.7
25	7.6	11	e9.0	28	46	154	184	936	651	e240	24	11
26	8.0	11	e10	33	50	145	181	917	729	e230	21	13
27	8.2	11	e10	34	51	140	190	782	806	e210	20	12
28	8.2	11	e10	32	59	136	196	710	854	e200	21	11
29	8.3	11	e8.0	32	---	128	206	660	833	e200	20	11
30	9.2	12	e10	35	---	119	211	663	782	e190	19	14
31	9.3	---	e15	38	---	116	---	711	---	e180	17	---
TOTAL	219.3	348.9	323.6	768	1084	3258	5273	18388	25554	13977	1488	438.1
MEAN	7.07	11.6	10.4	24.8	38.7	105	176	593	852	451	48.0	14.6
MAX	19	14	15	38	59	208	232	1070	2010	749	150	27
MIN	3.6	9.9	8.0	15	28	54	120	209	578	180	17	8.6
AC-FT	435	692	642	1520	2150	6460	10460	36470	50690	27720	2950	869

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1995, BY WATER YEAR (WY)

MEAN	8.28	14.3	11.7	15.8	29.4	92.7	116	318	356	112	15.1	6.74
MAX	12.4	22.7	16.6	24.8	43.0	184	243	593	852	451	48.0	14.6
(WY)	1990	1992	1992	1995	1989	1989	1989	1995	1995	1995	1995	1995
MIN	6.43	10.7	9.26	10.0	18.6	21.5	29.2	119	43.1	8.54	3.38	2.78
(WY)	1991	1991	1990	1990	1994	1991	1991	1991	1992	1992	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1989 - 1995	
ANNUAL TOTAL	24489.9		71119.9			
ANNUAL MEAN	67.1		195		91.6	
HIGHEST ANNUAL MEAN					195	1995
LOWEST ANNUAL MEAN					36.1	1992
HIGHEST DAILY MEAN	640	Jun 1	2010	Jun 3	2010	Jun 3 1995
LOWEST DAILY MEAN	2.4	Aug 29	3.6	Oct 3	2.2	Sep 30 1992
ANNUAL SEVEN-DAY MINIMUM	2.7	Aug 28	4.1	Oct 1	2.5	Sep 27 1992
INSTANTANEOUS PEAK FLOW			2710	Jun 3	2710	Jun 3 1995
INSTANTANEOUS PEAK STAGE			5.82	Jun 3	5.82	Jun 3 1995
ANNUAL RUNOFF (AC-FT)	48580		141100		66360	
10 PERCENT EXCEEDS	224		702		268	
50 PERCENT EXCEEDS	14		36		21	
90 PERCENT EXCEEDS	3.7		8.8		5.7	

e Estimated

HUMBOLDT RIVER BASIN

10320000 SOUTH FORK HUMBOLDT RIVER ABOVE DIXIE CREEK, NEAR ELKO, NV

LOCATION.--Lat 40°41'06", long 115°48'45", in NW $^1/_4$ SW $^1/_4$ sec.5, T.32 N., R.55 E., Elko County, Hydrologic Unit 16040103, on left bank, 1.5 mi upstream from Dixie Creek, and 10.5 mi south of Elko.

DRAINAGE AREA.--1,150 mi^2, approximately.

PERIOD OF RECORD.--October 1948 to September 1982, July 1988 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,140 ft above sea level, from topographic map.

REMARKS.--Records fair. Diversions for irrigation of 32,900 acres above station. Flow regulated by South Fork Reservoir, approximately 2.0 mi upstream, since December, 1987. Records not adjusted for storage. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	9.0	12	e14	37	64	120	179	523	1230	136	8.2
2	9.7	9.6	12	e13	29	71	120	239	748	1020	138	8.2
3	9.4	9.3	13	e13	27	88	127	282	891	921	139	7.9
4	9.9	9.1	13	13	25	101	140	259	1050	778	124	8.7
5	9.9	10	13	14	24	105	141	260	1240	783	98	8.5
6	10	11	13	14	24	103	149	261	1500	801	102	8.3
7	10	11	13	14	24	81	166	302	1490	812	104	8.2
8	10	11	e13	14	23	59	165	422	1390	807	107	8.0
9	9.8	13	e13	15	23	59	178	564	1340	791	77	8.4
10	9.7	12	e12	17	36	60	186	559	989	794	42	8.7
11	10	13	12	16	52	62	183	586	468	797	42	9.4
12	10	13	13	20	52	62	174	602	452	798	42	10
13	10	13	12	27	52	83	176	573	473	791	42	11
14	11	12	12	29	52	108	178	499	785	650	42	11
15	11	12	12	30	52	108	178	437	1090	490	42	14
16	10	12	12	28	52	106	177	352	1340	419	44	20
17	9.8	12	12	27	54	105	179	328	1180	270	46	21
18	9.8	14	e12	27	54	105	182	296	980	120	47	21
19	9.7	12	e13	27	55	105	161	328	984	122	47	21
20	9.3	12	e13	27	54	98	210	376	948	125	47	21
21	9.1	12	13	27	54	127	281	458	842	141	47	21
22	8.8	14	e13	27	54	191	287	499	758	213	47	21
23	8.8	14	13	27	54	201	267	675	741	218	47	20
24	8.8	13	13	27	54	210	250	860	638	242	47	21
25	8.8	13	13	27	54	190	210	839	598	263	47	20
26	8.8	e13	13	30	53	191	206	820	611	261	47	20
27	8.7	e13	13	30	55	173	204	731	845	260	47	19
28	8.8	e12	13	28	63	139	181	608	1080	263	48	19
29	8.9	12	14	28	---	127	167	572	1240	262	38	18
30	8.6	12	14	28	---	110	167	539	1360	233	8.5	18
31	8.6	---	e14	32	---	116	---	499	---	176	8.4	---
TOTAL	295.7	358.0	396	710	1242	3508	5510	14804	28574	15851	1939.9	439.5
MEAN	9.54	11.9	12.8	22.9	44.4	113	184	478	952	511	62.6	14.6
MAX	11	14	14	32	63	210	287	860	1500	1230	139	21
MIN	8.6	9.0	12	13	23	59	120	179	452	120	8.4	7.9
AC-FT	587	710	785	1410	2460	6960	10930	29360	56680	31440	3850	872

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1949 - 1982, BY WATER YEAR (WY)

MEAN	15.2	24.1	29.0	44.7	61.4	88.0	157	360	466	130	19.6	11.4
MAX	41.3	46.4	75.3	177	238	180	633	845	1054	507	77.3	66.6
(WY)	1977	1971	1951	1979	1962	1972	1952	1952	1975	1975	1965	1982
MIN	3.83	5.82	10.2	9.00	11.0	27.5	29.9	55.7	65.2	5.75	.76	1.20
(WY)	1955	1955	1955	1955	1955	1963	1959	1959	1966	1966	1959	1954

SUMMARY STATISTICS	WATER YEARS 1949 - 1982	
ANNUAL MEAN	117	
HIGHEST ANNUAL MEAN	227	1975
LOWEST ANNUAL MEAN	27.9	1959
HIGHEST DAILY MEAN	2400	Feb 11 1962
LOWEST DAILY MEAN	.10	Sep 9 1959
ANNUAL SEVEN-DAY MINIMUM	.19	Sep 5 1959
INSTANTANEOUS PEAK FLOW	3100	Jan 12 1979
INSTANTANEOUS PEAK STAGE	6.80	Jan 12 1979
ANNUAL RUNOFF (AC-FT)	84800	
10 PERCENT EXCEEDS	345	
50 PERCENT EXCEEDS	37	
90 PERCENT EXCEEDS	7.7	

10320000 SOUTH FORK HUMBOLDT RIVER ABOVE DIXIE CREEK, NEAR ELKO, NV--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 1995, BY WATER YEAR (WY)

MEAN	9.63	12.7	14.5	17.3	31.1	97.2	113	268	364	112	19.2	9.23
MAX	15.2	22.6	24.9	24.2	44.4	186	236	478	952	511	62.6	14.9
(WY)	1994	1992	1992	1992	1995	1989	1989	1995	1995	1995	1995	1989
MIN	4.55	7.67	8.45	10.9	18.5	24.4	36.8	105	27.8	8.60	5.97	3.12
(WY)	1991	1993	1991	1991	1994	1991	1991	1991	1992	1992	1992	1988

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1988 - 1995	
ANNUAL TOTAL	23688.3		73628.1			
ANNUAL MEAN	64.9		202		89.3	
HIGHEST ANNUAL MEAN					202	1995
LOWEST ANNUAL MEAN					36.1	1992
HIGHEST DAILY MEAN	565	May 18	1500	Jun 6	1500	Jun 6 1995
LOWEST DAILY MEAN	5.9	Jul 26	7.9	Sep 3	1.7	Sep 15 1988
ANNUAL SEVEN-DAY MINIMUM	8.4	Aug 10	8.3	Sep 2	2.6	Aug 26 1988
INSTANTANEOUS PEAK FLOW			1600	Jun 6	3100	Jan 12 1979
INSTANTANEOUS PEAK STAGE			5.14	Jun 6	6.80	Jan 12 1979
ANNUAL RUNOFF (AC-FT)	46990		146000		64680	
10 PERCENT EXCEEDS	212		766		252	
50 PERCENT EXCEEDS	14		47		18	
90 PERCENT EXCEEDS	9.7		9.9		6.4	

e Estimated

HUMBOLDT RIVER BASIN

10320100 DIXIE CREEK ABOVE SOUTH FORK HUMBOLDT RIVER, NEAR ELKO, NV

LOCATION.--Lat 40°39'30", long 115°51'13", in NE $^1/_4$ SE $^1/_4$ sec.14, T.32 N., R.54 E., Elko County, Hydrologic Unit 16040103, on left bank, 2.5 mi upstream from confluence with South Fork Humboldt River, and about 13 mi southwest of Elko.

DRAINAGE AREA.--159 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1989 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,210 ft above sea level, from topographic map.

REMARKS.--Records fair. No flow most years during summer months. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.26	.38	59	8.9	e20	52	36	13	.00	.00
2	.00	.00	.91	e.40	48	10	e20	65	37	13	.00	.00
3	.00	.00	1.7	e.40	27	11	e21	61	38	10	.00	.00
4	.00	.00	1.4	e.40	21	13	e21	55	32	8.4	.00	.00
5	.00	.00	1.2	e.40	18	12	e23	54	31	6.1	.00	.00
6	.00	.12	e.60	e.45	17	9.0	e25	62	34	4.1	.00	.00
7	.00	.17	e.35	e.45	16	9.0	e25	74	31	3.4	.00	.00
8	.00	.13	e.25	.48	15	7.7	e26	69	33	2.0	.00	.00
9	.00	.04	e.25	.50	12	5.7	e28	63	37	1.3	.00	.00
10	.00	.03	e.25	.72	11	11	e29	82	29	.72	.00	.00
11	.00	.08	e.25	1.5	10	41	e29	75	27	.49	.00	.00
12	.00	.09	e.25	1.9	7.5	36	e28	87	25	.38	.00	.00
13	.00	.03	e.25	4.1	7.0	27	e28	81	24	.30	.00	.00
14	.00	.01	e.25	15	6.3	27	e29	70	24	.27	.00	.00
15	.00	e.00	e.25	21	3.6	29	e30	72	25	.21	.00	.00
16	.00	e.00	e.30	7.4	e3.5	29	e32	63	26	.14	.00	.00
17	.00	e.00	e.35	5.4	e3.5	26	e34	56	23	.10	.00	.00
18	.00	e.00	e.40	3.2	e3.5	25	e42	52	21	.13	.00	.00
19	.00	.00	e.40	2.6	e3.5	25	e52	47	21	.11	.00	.00
20	.00	.00	.42	1.8	3.5	24	e62	44	19	.04	.00	.00
21	.00	.13	.44	e1.6	3.8	51	e68	41	23	.03	.00	.00
22	.00	.04	.43	e1.4	4.1	41	e70	44	18	.03	.00	.00
23	.00	.00	.53	1.1	4.2	35	e66	48	16	.02	.00	.00
24	.00	.00	.59	e1.1	4.9	30	e62	45	15	.00	.00	.00
25	.00	.00	1.6	2.3	6.1	27	e58	66	13	.00	.00	.00
26	.00	.08	.67	3.8	6.9	25	56	57	12	.00	.00	.00
27	.00	.06	.43	3.0	7.1	25	53	48	14	.00	.00	.00
28	.00	.02	e.40	1.7	7.7	26	52	44	12	.00	.00	.00
29	.00	.03	e.40	2.3	---	22	52	41	11	.00	.00	.00
30	.00	.13	.40	2.4	---	e21	53	39	12	.00	.00	.00
31	.00	---	e.40	19	---	e21	---	37	---	.00	.00	---
TOTAL	0.00	1.19	16.58	108.18	340.7	710.3	1194	1794	719	64.27	0.00	0.00
MEAN	.000	.040	.53	3.49	12.2	22.9	39.8	57.9	24.0	2.07	.000	.000
MAX	.00	.17	1.7	21	59	51	70	87	38	13	.00	.00
MIN	.00	.00	.25	.38	3.5	5.7	20	37	11	.00	.00	.00
AC-FT	.00	2.4	33	215	676	1410	2370	3560	1430	127	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1995, BY WATER YEAR (WY)

MEAN	.41	.43	.44	1.03	3.09	17.6	13.6	16.4	5.79	.42	.056	.079
MAX	1.02	.64	.53	3.49	12.2	65.6	39.8	57.9	24.0	2.07	.20	.24
(WY)	1994	1992	1995	1995	1995	1993	1995	1995	1995	1995	1990	1990
MIN	.000	.040	.36	.38	.67	1.32	2.43	.39	.12	.000	.000	.000
(WY)	1995	1995	1991	1993	1993	1991	1992	1992	1992	1994	1992	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1990 - 1995	
ANNUAL TOTAL	396.22		4948.22			
ANNUAL MEAN	1.09		13.6		4.96	
HIGHEST ANNUAL MEAN					13.6	1995
LOWEST ANNUAL MEAN					.87	1992
HIGHEST DAILY MEAN	24	May 12	87	May 12	232	Mar 17 1993
LOWEST DAILY MEAN	.00	Jun 20	.00	Oct 1	.00	Jul 5 1992
ANNUAL SEVEN-DAY MINIMUM	.00	Jun 20	.00	Oct 1	.00	Jul 13 1992
INSTANTANEOUS PEAK FLOW			120	May 10	350	Mar 17 1993
INSTANTANEOUS PEAK STAGE			3.67	May 10	4.54	Mar 17 1993
ANNUAL RUNOFF (AC-FT)	786		9810		3600	
10 PERCENT EXCEEDS	3.4		48		12	
50 PERCENT EXCEEDS	.25		1.1		.48	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1990 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
JAN					
09...	1415	0.63	10	0.02	--
FEB					
21...	1100	4.4	44	0.53	--
APR					
25...	1145	58	244	38	99
MAY					
22...	1255	41	79	8.7	99
JUL					
12...	1000	0.60	73	0.12	26

HUMBOLDT RIVER BASIN

10321000 HUMBOLDT RIVER NEAR CARLIN, NV

(National Stream-Quality Accounting Network Station)

LOCATION.--Lat 40°43'40", long 116°00'30", in SE $^1/_4$ SE $^1/_4$ sec.21, T.33 N., R.53 E., Elko County, Hydrologic Unit 16040101, on right bank, 1.0 mi downstream from Tonka Creek, 5 mi upstream from Susie Creek, 5.5 mi east of Carlin, and 15 mi southwest of Elko.

DRAINAGE AREA.--4,310 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1943 to current year.

GAGE.--Water-stage recorder. Datum of gage is 4,931.91 ft above sea level (levels by Nevada State Highway Department).

REMARKS.--Records good except for estimated daily discharges, which are poor. Many diversions for irrigation of about 143,000 acres, above station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Febuary 28, 1910, estimated to have reached 15,000 ft^3/s, based on reported stage and comparison with Humboldt River at Palisade. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	15	28	e45	146	e240	453	398	1330	2870	361	51
2	12	15	28	e46	317	e245	443	449	1480	2610	336	75
3	12	15	28	48	413	256	429	547	1700	2490	315	52
4	13	16	28	48	368	272	435	550	2060	2220	287	52
5	13	16	e28	48	316	289	425	605	2710	2200	238	55
6	14	16	e27	48	271	302	416	642	5150	2180	216	52
7	13	19	e26	47	246	299	431	678	6370	2150	199	52
8	13	19	e25	46	229	254	431	805	6340	2070	190	53
9	13	19	e26	47	214	240	444	1160	5800	2000	184	54
10	13	21	e27	52	211	245	472	1240	5030	1930	145	53
11	13	22	e28	60	221	261	487	1240	4200	1880	128	52
12	13	22	e27	59	220	303	487	1250	3560	1860	118	52
13	14	22	e24	64	217	336	493	1300	2910	1850	110	48
14	16	23	e23	86	216	405	505	1300	2650	1770	106	45
15	16	21	e24	112	193	416	497	1320	2850	1480	110	37
16	e16	24	e23	100	167	410	499	1180	3330	1250	97	35
17	e16	e25	e22	94	171	418	515	1070	3510	1110	92	37
18	e16	e20	e19	95	187	409	522	981	3270	806	88	37
19	e15	e20	e18	91	197	395	523	923	3180	725	85	37
20	e15	24	e18	92	e205	387	496	963	3010	683	82	36
21	e15	e23	e18	95	e210	419	564	979	2760	655	82	36
22	e15	e22	e25	86	e215	537	598	1080	e2600	669	85	37
23	e15	e22	e30	80	e220	631	603	1190	e2500	699	82	38
24	e15	e23	40	85	e225	721	584	1530	e2300	687	83	46
25	e15	e24	42	91	e230	693	519	1780	e2100	691	83	52
26	e15	e23	41	98	e230	652	479	1950	e2000	658	82	55
27	e15	e22	41	103	e235	621	461	1990	e2000	623	82	57
28	14	e25	45	99	e240	556	442	1920	e2180	591	81	59
29	14	28	51	99	---	523	409	1760	2390	558	79	60
30	15	28	e46	106	---	478	402	1610	2700	509	71	61
31	15	---	e45	108	---	459	---	1440	---	431	53	---
TOTAL	443	634	921	2378	6530	12672	14464	35830	93970	42905	4350	1466
MEAN	14.3	21.1	29.7	76.7	233	409	482	1156	3132	1384	140	48.9
MAX	16	28	51	112	413	721	603	1990	6370	2870	361	75
MIN	12	15	18	45	146	240	402	398	1330	431	53	35
AC-FT	879	1260	1830	4720	12950	25130	28690	71070	186400	85100	8630	2910

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 1995, BY WATER YEAR (WY)

MEAN	44.2	74.8	96.7	135	267	507	718	978	1233	355	52.3	26.1
MAX	331	361	625	452	1324	2190	3684	5728	4875	1908	492	154
(WY)	1983	1984	1984	1984	1986	1983	1984	1984	1984	1984	1984	1984
MIN	1.80	5.48	7.11	10.0	22.3	107	108	78.8	41.0	6.96	.92	.52
(WY)	1955	1955	1955	1955	1955	1955	1959	1959	1992	1966	1959	1954

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1944 - 1995	
ANNUAL TOTAL	45144.2		216563			
ANNUAL MEAN	124		593		373	
HIGHEST ANNUAL MEAN					1730	1984
LOWEST ANNUAL MEAN					63.6	1959
HIGHEST DAILY MEAN	1050	May 19	6370	Jun 7	8090	May 18 1984
LOWEST DAILY MEAN	6.6	Sep 2	12	Oct 2	.20	Aug 13 1959
ANNUAL SEVEN-DAY MINIMUM	7.6	Aug 29	13	Oct 2	.30	Aug 11 1959
INSTANTANEOUS PEAK FLOW			6580	Jun 7	8250	May 17 1984
INSTANTANEOUS PEAK STAGE			9.52	Jun 7	10.21	Feb 14 1962
ANNUAL RUNOFF (AC-FT)	89540		429600		270300	
10 PERCENT EXCEEDS	323		1990		1060	
50 PERCENT EXCEEDS	47		197		113	
90 PERCENT EXCEEDS	10		16		13	

e Estimated

HUMBOLDT RIVER BASIN

10321000 HUMBOLDT RIVER NEAR CARLIN, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1949 to 1952, 1962 to current year (published as Humboldt River at Carlin, station 10321000, October 1965 to September 1968).

PERIOD OF DAILY RECORD.--
CHEMICAL ANALYSES: October 1965 to September 1968.
SPECIFIC CONDUCTANCE: October 1965 to September 1968; May 1981 to September 1983.
WATER TEMPERATURE: October 1965 to September 1968; May 1981 to September 1983.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 677 microsiemens, December 21, 22, 1966; minimum daily, 193 microsiemens February 16, 1982.
WATER TEMPERATURE: Maximum daily, 29.0°C, July 26, 28, 29, 1968; minimum daily, freezing point on some days during winter months of most years.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML) (31625)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML) (31673)
OCT												
27...	1115	15	476	8.5	20.0	9.0	5.5	640	10.8	112	--	--
DEC												
21...	1100	18	630	8.5	6.0	0.0	7.2	645	12.6	102	--	--
MAR												
02...	0916	245	434	8.3	8.5	6.0	18	637	10.2	98	K7	54
APR												
27...	1033	453	411	8.4	17.5	11.5	17	635	9.3	103	K4	K18
JUN												
28...	1340	2180	370	8.1	26.0	21.0	32	643	6.5	87	76	590
AUG												
22...	1022	80	390	8.6	24.0	22.0	1.8	645	9.0	122	K38	K11

DATE	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
OCT												
27...	170	47	12	36	1	7.3	228	10	203	26	15	0.50
DEC												
21...	200	57	14	55	2	9.9	271	7	240	56	23	0.70
MAR												
02...	150	44	10	34	1	6.1	202	--	165	35	16	0.40
APR												
27...	150	44	9.0	32	1	5.0	173	--	142	30	14	0.50
JUN												
28...	140	41	8.0	22	0.8	4.3	187	--	154	15	9.3	0.30
AUG												
22...	140	42	8.7	30	1	5.5	166	12	156	26	14	0.40

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)
OCT												
27...	17	292	284	0.40	<0.010	<0.050	<0.015	--	<0.20	--	--	<0.010
DEC												
21...	27	400	383	0.54	<0.010	<0.050	<0.015	0.20	--	0.020	0.020	0.020
MAR												
02...	24	283	269	0.38	<0.010	<0.050	<0.015	0.50	--	0.090	0.020	0.030
APR												
27...	23	245	243	0.33	<0.010	<0.050	<0.015	0.20	--	0.080	0.040	0.020
JUN												
28...	25	231	217	0.31	<0.010	<0.050	<0.015	0.60	--	0.200	0.050	0.050
AUG												
22...	17	250	238	0.34	<0.010	<0.050	<0.015	0.30	--	0.030	<0.010	0.010

10321000 HUMBOLDT RIVER NEAR CARLIN, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)
OCT												
27...	10	8	130	<0.5	<1.0	<1	<3	<1	14	<1	39	58
DEC												
21...	--	--	--	--	--	--	--	--	--	--	--	--
MAR												
02...	20	--	78	--	--	--	<3	--	25	--	27	13
APR												
27...	90	--	72	--	--	--	4	--	60	--	24	5
JUN												
28...	--	--	--	--	--	--	--	--	--	--	--	--
AUG												
22...	20	--	71	--	--	--	<3	--	11	--	21	10

DATE	MERCURY DISSOLVED (UG/L AS HG) (71890)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	CYANIDE TOTAL (MG/L AS CN) (00720)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT												
27...	<0.1	<10	1	<1	<1.0	480	<6	4	<0.010	36	1.4	--
DEC												
21...	--	--	--	--	--	--	--	--	<0.010	51	2.5	54
MAR												
02...	--	<10	<1	<1	<1.0	310	<6	--	<0.010	71	47	95
APR												
27...	--	<10	1	<1	<1.0	260	7	--	<0.010	83	102	84
JUN												
28...	--	--	--	--	--	--	--	--	<0.010	225	1324	65
AUG												
22...	--	<10	<1	<1	<1.0	320	<6	--	<0.010	15	3.2	73

K: LESS THAN NON-IDEAL COLONY COUNT

HUMBOLDT RIVER BASIN

10321590 SUSIE CREEK AT CARLIN, NV

LOCATION.--Lat 40°43'34", long 116°04'37", in SE $^1/_4$ SW $^1/_4$ sec.24, T.33 N., R.52 E., Elko County, Hydrologic Unit 16040101, on left bank, approximately 200 ft above westbound Interstate 80 bridge, and 1 mi north of Carlin.

DRAINAGE AREA.--194 mi^2.

PERIOD OF RECORD.--April 1992 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,910 ft above sea level, from topographic map.

REMARKS.--Records fair, except for estimated daily discharges which are poor. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

EXTREMES OUTSIDE PERIOD OF RECORD.--Discharge 2,470 ft^3/s, February 11, 1962, computed from culvert computations and floodmarks. Flood of February - March 1910 may have been higher but discharge is unknown.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	e.80	e1.6	95	8.8	8.3	8.1	5.3	.69	.00	.00
2	.00	.00	e1.2	e1.7	88	10	7.8	8.8	6.1	.84	.00	.00
3	.00	e.00	e1.7	e1.8	42	15	6.7	9.4	10	.84	.00	.00
4	.00	.67	e2.0	e1.9	26	24	6.2	9.1	8.3	.57	.00	.00
5	.00	1.6	e1.7	e1.9	21	13	5.9	10	5.7	.41	.00	.00
6	.00	2.5	e1.6	e2.2	20	11	6.0	21	5.4	.29	.00	.00
7	.00	3.1	e1.4	e2.8	20	8.6	6.3	27	6.3	.05	.00	.00
8	.00	3.8	e1.3	e3.0	21	5.9	6.6	20	7.4	.01	.00	.00
9	.00	2.5	e1.3	e3.5	16	5.3	7.3	17	13	.00	.00	.00
10	.00	1.9	e1.6	e3.1	14	12	6.6	17	11	.00	.00	.00
11	.00	1.7	e2.0	e3.0	14	75	6.0	16	8.2	.00	.00	.00
12	.00	1.6	e2.0	e2.9	11	55	5.9	18	5.6	.00	.00	.00
13	.00	e1.7	e1.7	e3.2	9.6	28	5.7	18	4.3	.00	.00	.00
14	.00	1.8	e1.6	e4.1	e6.5	23	9.4	16	3.9	.00	.00	.00
15	.00	1.9	e2.0	e3.0	e6.1	21	9.5	15	3.8	.00	.00	.00
16	.00	e1.9	e2.3	e2.8	e6.0	17	8.5	15	4.0	.00	.00	.00
17	.00	e1.7	e2.1	e2.9	e6.0	16	8.4	14	4.4	.00	.00	.00
18	.00	e1.3	e1.9	e3.1	8.6	14	8.7	12	4.1	.00	.00	.00
19	.00	1.0	e2.0	e3.7	9.1	14	9.9	11	4.7	.00	.00	.00
20	.00	.68	e2.3	e4.3	10	14	9.8	10	3.6	.00	.00	.00
21	.00	e.60	e2.2	e4.5	12	e15	11	9.1	4.5	.00	.00	.00
22	.00	e.43	e2.0	e4.3	14	e15	10	8.9	3.8	.00	.00	.00
23	.00	e.35	e2.5	e4.3	14	e15	8.5	11	2.9	.00	.00	.00
24	.00	.38	e2.5	e5.0	14	15	7.2	11	2.6	.00	.00	.00
25	.00	.64	e2.4	e6.0	14	13	6.5	13	2.0	.00	.00	.00
26	.00	e.52	e3.0	e6.0	12	12	6.1	13	1.6	.00	.00	.00
27	.00	e.45	e3.3	e5.3	10	12	5.9	10	1.3	.00	.00	.00
28	.00	e.51	e3.0	4.9	8.7	11	5.7	7.9	.96	.00	.00	.00
29	.00	e.66	e2.6	4.8	---	10	7.7	6.9	.81	.00	.00	.00
30	.00	e1.0	e2.1	6.2	---	9.0	8.7	5.8	.63	.00	.00	.00
31	.00	---	e1.8	9.1	---	9.1	---	5.6	---	.00	.00	---
TOTAL	0.00	36.89	61.90	116.9	548.6	526.7	226.9	394.6	146.20	3.70	0.00	0.00
MEAN	.000	1.23	2.00	3.77	19.6	17.0	7.56	12.7	4.87	.12	.000	.000
MAX	.00	3.8	3.3	9.1	95	75	11	27	13	.84	.00	.00
MIN	.00	.00	.80	1.6	6.0	5.3	5.7	5.6	.63	.00	.00	.00
AC-FT	.00	73	123	232	1090	1040	450	783	290	7.3	.00	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1995, BY WATER YEAR (WY)

MEAN	.62	1.39	1.26	1.86	7.87	38.7	16.6	7.61	2.77	.15	.000	.045
MAX	1.55	1.53	2.00	3.77	19.6	93.0	39.1	14.9	6.05	.46	.000	.18
(WY)	1994	1994	1995	1995	1995	1993	1993	1993	1993	1993	1992	1993
MIN	.000	1.23	.22	.18	.18	5.97	3.01	.34	.024	.000	.000	.000
(WY)	1995	1995	1993	1993	1993	1994	1994	1992	1992	1992	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1992 - 1995	
ANNUAL TOTAL	612.49		2062.39			
ANNUAL MEAN	1.68		5.65		6.86	
HIGHEST ANNUAL MEAN					13.1	1993
LOWEST ANNUAL MEAN					1.80	1994
HIGHEST DAILY MEAN	10	Mar 1	95	Feb 1	244	Mar 26 1993
LOWEST DAILY MEAN	.00	Jun 5	.00	Oct 1	.00	May 23 1992
ANNUAL SEVEN-DAY MINIMUM	.00	Jun 5	.00	Oct 1	.00	May 23 1992
INSTANTANEOUS PEAK FLOW			211	Feb 2	393	Mar 17 1993
INSTANTANEOUS PEAK STAGE			3.82	Feb 2	5.32	Mar 17 1993
ANNUAL RUNOFF (AC-FT)	1210		4090		4970	
10 PERCENT EXCEEDS	4.3		14		11	
50 PERCENT EXCEEDS	1.3		2.2		.91	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated

HUMBOLDT RIVER BASIN

10321950 MAGGIE CREEK AT MAGGIE CREEK CANYON NEAR CARLIN, NV

LOCATION.--Lat 40°48'12", long 116°11'57", in NE $^1/_4$ SE $^1/_4$ sec.26, T.34 N., R.51 E., Eureka County, Hydrologic Unit 16040101, on right bank, approximately 8.0 mi northwest of Carlin.

DRAINAGE AREA.--334 mi^2.

PERIOD OF RECORD.--September 1989 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,085 ft above sea level, from topographic map. Prior to June 2, 1992, at datum 1.00 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	1.4	e.00	39	7.9	19	30	40	7.3	2.0	.26
2	.00	.00	1.5	e.00	23	8.6	19	35	41	7.2	1.4	.22
3	.00	.00	1.1	e.01	12	11	18	37	48	6.9	1.3	.93
4	.00	.00	1.8	e.02	9.9	12	17	38	43	6.4	1.1	2.8
5	.00	.00	.58	e.04	8.8	11	17	46	38	5.7	.72	2.2
6	.00	.00	.04	e.08	8.4	12	17	57	38	5.3	.49	1.2
7	.00	.00	e.03	e.17	8.0	11	18	63	39	4.9	.31	.86
8	.00	.00	e.03	e.32	8.0	9.4	19	69	40	4.3	.29	.80
9	.00	.00	e.02	e.61	7.8	9.4	22	74	49	4.2	.69	.85
10	.00	.00	e.02	e.90	7.6	11	24	77	40	4.2	.75	.95
11	.00	.00	e.01	e.70	7.3	15	23	82	33	4.1	.29	.89
12	.00	.00	e.01	e1.8	7.2	22	23	90	28	3.7	.47	1.0
13	.00	.00	e.00	e4.0	7.1	23	22	89	24	3.6	.33	1.1
14	.00	.00	e.00	e6.8	8.1	23	24	84	22	3.4	.33	1.1
15	.00	.13	e.00	e4.2	8.4	24	24	81	22	3.1	.28	1.1
16	.00	.00	e.00	e2.2	7.2	25	25	79	21	2.6	.17	1.3
17	.00	.00	e.00	e1.8	6.8	26	25	73	20	2.5	.11	1.3
18	.00	e.00	e.00	e2.1	7.1	25	25	68	19	2.4	.18	1.8
19	.00	.00	e.00	e2.8	6.8	25	28	64	18	2.3	.26	1.9
20	.00	.00	e.00	e3.2	6.7	25	28	62	18	2.2	.27	2.2
21	.00	.21	e.00	e3.2	6.6	30	29	61	19	2.4	.22	2.4
22	.00	e.23	e.00	e2.8	6.5	32	25	61	17	3.5	.22	2.7
23	.00	e.25	e.00	e2.9	6.5	31	23	66	15	4.1	.28	2.7
24	.00	e.27	e.00	e3.5	6.6	32	23	66	13	4.1	.38	2.7
25	.00	.00	e.00	e4.5	6.6	29	22	71	12	3.8	.45	2.5
26	.00	.00	e.00	4.7	6.7	27	22	69	10	3.5	.45	2.5
27	.00	.00	e.00	5.7	6.9	26	23	60	10	2.9	.42	2.5
28	.00	.00	e.00	5.3	7.3	24	24	52	9.1	2.5	.39	2.6
29	.00	.00	e.00	4.9	---	23	27	48	8.5	2.3	.37	2.6
30	.00	.00	e.00	15	---	21	30	45	7.6	1.6	.37	3.0
31	.00	---	e.00	33	---	20	---	43	---	1.6	.37	---
TOTAL	0.00	1.09	6.54	117.25	258.9	631.3	685	1940	762.2	118.6	15.66	50.96
MEAN	.000	.036	.21	3.78	9.25	20.4	22.8	62.6	25.4	3.83	.51	1.70
MAX	.00	.27	1.8	33	39	32	30	90	49	7.3	2.0	3.0
MIN	.00	.00	.00	.00	6.5	7.9	17	30	7.6	1.6	.11	.22
AC-FT	.00	2.2	13	233	514	1250	1360	3850	1510	235	31	101

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1995, BY WATER YEAR (WY)

MEAN	3.19	4.23	4.45	5.25	8.91	42.7	37.5	35.5	12.6	2.14	.98	1.30
MAX	8.09	9.16	8.38	8.75	15.1	180	152	104	25.4	4.80	2.73	3.21
(WY)	1990	1990	1991	1994	1990	1993	1993	1993	1995	1993	1993	1990
MIN	.000	.036	.21	.35	.63	8.01	7.04	2.47	.41	.003	.000	.000
(WY)	1993	1995	1995	1993	1993	1994	1991	1992	1992	1994	1991	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1989 - 1995	
ANNUAL TOTAL	1455.09		4587.50			
ANNUAL MEAN	3.99		12.6		13.3	
HIGHEST ANNUAL MEAN					39.7	1993
LOWEST ANNUAL MEAN					3.18	1992
HIGHEST DAILY MEAN	18	May 8	90	May 12	520	Mar 27 1993
LOWEST DAILY MEAN	.00	Jul 2	.00	Oct 1	.00	Jul 14 1991
ANNUAL SEVEN-DAY MINIMUM	.00	Jul 5	.00	Oct 1	.00	Jul 23 1991
INSTANTANEOUS PEAK FLOW			94	Jan 31	591	Mar 27 1993
INSTANTANEOUS PEAK STAGE			2.73	Jan 31	4.58	Mar 27 1993
ANNUAL RUNOFF (AC-FT)	2890		9100		9600	
10 PERCENT EXCEEDS	10		38		22	
50 PERCENT EXCEEDS	.61		3.1		5.1	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated

HUMBOLDT RIVER BASIN

10322000 MAGGIE CREEK AT CARLIN, NV

LOCATION.--Lat 40°42'59", long 116°05'32", in NW $^1/_4$ SE $^1/_4$ sec.26, T.33 N., R.52 E., Elko county, Hydrologic Unit 16040101, on right bank, approximately 0.5 mi above confluence with the Humboldt River, and 0.5 mi east of Carlin.

DRAINAGE AREA.--396 mi^2, revised.

PERIOD OF RECORD.--July 1913 to December 1921, April to May 1922, April 1923 to September 1924, April 1992 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,900 ft above sea level, from topographic map. Prior to April 1992, at several sites in immediate vicinity at different datums.

REMARKS.--Records fair. No flow occurs during summer months most years. Flows influenced by mine de-watering into creek 6.0 mi upstream since April 1994. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

EXTREMES OUTSIDE PERIOD OF RECORD.--Discharge 2,440 ft^3/s, February 12, 1962, computed from culvert computations and floodmarks. Flood of February-March 1910 may have been higher but discharge is unknown.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	7.4	18	24	74	38	52	51	e38	5.2	17	8.1
2	24	23	4.4	25	56	40	51	56	e38	4.5	16	6.8
3	15	29	15	31	47	42	50	57	e40	4.0	16	5.1
4	11	30	19	37	45	43	50	57	e37	3.7	15	6.5
5	12	32	24	34	44	42	48	63	e34	3.4	16	6.5
6	4.1	30	21	40	40	41	48	76	e32	2.7	16	9.0
7	3.3	31	16	46	40	40	49	88	e30	3.7	15	9.2
8	3.6	34	18	46	38	39	48	93	e30	14	16	7.7
9	3.5	34	22	45	38	39	50	99	e31	13	14	8.7
10	3.9	33	19	48	36	42	52	104	e31	11	14	7.5
11	3.4	28	21	52	36	47	52	104	e28	10	16	11
12	3.6	27	24	49	34	54	52	112	e25	9.5	14	11
13	3.4	27	22	52	41	56	52	112	e22	12	14	9.0
14	3.3	20	23	55	38	56	54	108	e19	15	8.9	13
15	3.0	5.0	21	70	35	55	53	103	e17	15	4.9	13
16	2.8	24	21	46	38	56	54	102	16	14	4.9	13
17	2.7	8.3	13	42	37	56	48	93	15	14	8.0	14
18	2.8	28	25	39	34	54	46	84	15	13	8.7	13
19	2.7	25	25	31	34	55	49	e76	14	14	8.4	13
20	2.6	26	9.9	37	36	55	47	e70	14	13	7.2	14
21	2.5	22	3.3	40	36	64	49	e66	16	14	7.3	15
22	2.5	20	3.1	37	36	65	45	e64	13	13	5.4	12
23	2.5	26	23	37	35	65	45	e63	12	13	5.3	13
24	2.4	23	17	37	36	64	44	e64	11	13	7.0	12
25	2.4	27	29	37	36	60	41	e68	9.7	12	7.1	13
26	2.3	27	46	47	37	57	43	e64	12	12	6.5	11
27	2.3	27	47	49	37	56	43	e58	22	13	8.1	12
28	3.0	26	47	41	37	55	47	e50	21	12	8.9	13
29	3.4	21	39	39	---	55	48	e47	20	12	4.8	12
30	4.3	21	32	43	---	53	50	e42	16	15	3.3	13
31	5.1	---	20	63	---	52	---	e39	---	16	9.2	---
TOTAL	166.4	741.7	687.7	1319	1111	1596	1460	2333	678.7	339.7	322.9	325.1
MEAN	5.37	24.7	22.2	42.5	39.7	51.5	48.7	75.3	22.6	11.0	10.4	10.8
MAX	24	34	47	70	74	65	54	112	40	16	17	15
MIN	2.3	5.0	3.1	24	34	38	41	39	9.7	2.7	3.3	5.1
AC-FT	330	1470	1360	2620	2200	3170	2900	4630	1350	674	640	645

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1913 - 1995, BY WATER YEAR (WY)

MEAN	3.77	5.38	4.42	7.66	19.2	63.4	93.8	86.3	19.3	3.52	2.61	2.52
MAX	12.5	24.7	22.2	42.5	66.9	205	223	422	67.4	12.0	10.4	11.8
(WY)	1917	1995	1995	1995	1921	1993	1922	1922	1917	1916	1995	1994
MIN	.000	.000	.000	.000	.099	1.96	8.71	.12	.068	.006	.000	.000
(WY)	1993	1993	1993	1924	1993	1994	1994	1992	1992	1992	1919	1919

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1913 - 1995	
ANNUAL TOTAL	4707.38		11081.2			
ANNUAL MEAN	12.9		30.4		24.0	
HIGHEST ANNUAL MEAN					46.6	1914
LOWEST ANNUAL MEAN					4.06	1924
HIGHEST DAILY MEAN	47	Dec 27	112	May 12	750	May 7 1922
LOWEST DAILY MEAN	.32	Jul 16	2.3	Oct 26	.00	Aug 17 1915
ANNUAL SEVEN-DAY MINIMUM	.46	Jul 15	2.4	Oct 21	.00	Aug 17 1915
INSTANTANEOUS PEAK FLOW			128	May 13	800	May 7 1922
INSTANTANEOUS PEAK STAGE			3.11	May 13	5.88	Mar 27 1993
ANNUAL RUNOFF (AC-FT)	9340		21980		17390	
10 PERCENT EXCEEDS	37		56		72	
50 PERCENT EXCEEDS	3.8		26		4.0	
90 PERCENT EXCEEDS	.61		4.9		.00	

e Estimated

HUMBOLDT RIVER BASIN

10322150 MARYS CREEK AT CARLIN, NV

LOCATION.--Lat 40°42'38", long 116°07'30", in SE $^1/_4$ SE $^1/_4$ sec.28, T.33 N., R.52 E., Elko County, Hydrologic Unit 16040101, on left bank, 0.7 mi above confluence with Humboldt River, and 1.1 mi southeast of Carlin.

DRAINAGE AREA.--45.4 mi^2.

PERIOD OF RECORD.--November 1989 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,930 ft above sea level, from topographic map. Prior to June 3, 1992, at datum 2.0 ft higher.

REMARKS.--No estimated daily discharges. Records poor. Discharge affected by intermittent pumping for Carlin water system. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.9	7.6	4.4	3.9	8.9	3.9	4.7	8.7	4.5	4.5	3.6	4.1
2	3.8	8.1	4.1	3.8	5.7	3.8	4.7	8.5	5.1	4.5	3.6	4.3
3	3.9	8.3	4.0	3.8	4.8	3.9	4.6	7.5	5.5	4.7	3.5	4.5
4	4.2	9.7	4.0	3.9	4.3	3.9	4.6	7.5	3.7	4.6	3.4	4.6
5	4.4	9.9	4.1	3.8	4.2	3.9	4.7	12	3.9	4.6	3.3	4.6
6	4.1	8.9	4.1	3.8	4.2	3.9	4.7	20	5.4	4.6	3.3	4.5
7	4.2	9.1	4.5	3.8	4.2	3.9	4.7	25	5.4	4.7	3.4	4.4
8	4.1	9.0	4.5	3.6	4.2	3.8	4.7	16	8.2	4.4	3.4	4.2
9	4.1	9.2	4.5	3.7	4.1	3.9	4.8	11	11	4.1	3.5	4.3
10	4.0	9.1	4.3	3.7	4.0	3.9	4.7	13	7.3	4.1	3.5	4.1
11	3.8	8.9	4.4	3.7	3.9	5.3	4.8	26	7.0	3.4	3.4	4.3
12	3.6	8.7	4.4	3.7	3.9	7.2	4.8	31	5.5	3.5	3.5	4.4
13	3.3	8.7	4.4	3.8	3.9	6.3	4.9	36	5.1	3.4	3.5	4.5
14	3.3	8.5	4.4	4.8	3.8	6.4	5.0	25	4.4	3.6	3.5	4.5
15	3.0	8.4	4.4	5.0	3.8	5.8	4.9	21	4.9	3.6	3.6	4.4
16	2.7	8.4	4.3	4.0	3.8	6.2	5.0	18	5.3	3.5	3.5	4.5
17	2.6	7.9	4.4	4.0	3.9	5.8	5.0	12	5.0	3.6	2.9	4.7
18	2.6	7.3	4.4	4.0	4.0	5.4	5.0	9.8	5.1	3.6	4.0	4.5
19	2.6	7.1	4.2	4.0	4.0	5.2	5.1	7.3	4.7	3.4	4.0	4.3
20	2.8	6.3	4.4	4.1	3.9	5.1	6.6	5.5	4.9	3.7	4.1	4.4
21	2.9	4.8	4.3	4.1	3.9	7.8	6.4	3.8	5.0	3.7	4.2	4.3
22	2.8	4.2	4.0	4.0	3.9	6.3	7.8	4.8	4.8	3.8	4.2	4.4
23	2.8	4.0	4.0	4.0	3.9	6.4	9.5	5.7	4.5	3.8	4.4	4.6
24	2.8	4.0	4.2	4.0	3.9	5.0	9.7	7.9	4.6	3.6	4.3	4.6
25	4.6	4.0	3.9	4.1	3.9	5.2	9.6	11	4.5	3.6	4.3	4.6
26	6.0	4.0	3.8	4.1	3.8	5.0	9.8	7.5	4.4	3.4	4.2	4.7
27	6.2	4.4	4.0	4.1	3.8	4.8	11	5.8	4.5	3.3	4.2	4.8
28	6.7	4.4	3.9	4.0	3.9	4.8	11	5.3	4.5	3.2	4.2	5.0
29	6.7	4.3	3.9	4.1	---	4.8	11	4.4	4.4	3.3	4.2	5.1
30	7.0	4.3	3.9	4.1	---	4.8	9.5	4.1	4.4	3.6	4.2	5.2
31	7.5	---	3.9	9.4	---	4.8	---	4.2	---	3.7	4.1	---
TOTAL	127.0	211.5	130.0	128.9	118.5	157.2	193.3	385.3	157.5	119.1	117.0	135.4
MEAN	4.10	7.05	4.19	4.16	4.23	5.07	6.44	12.4	5.25	3.84	3.77	4.51
MAX	7.5	9.9	4.5	9.4	8.9	7.8	11	36	11	4.7	4.4	5.2
MIN	2.6	4.0	3.8	3.6	3.8	3.8	4.6	3.8	3.7	3.2	2.9	4.1
AC-FT	252	420	258	256	235	312	383	764	312	236	232	269

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1995, BY WATER YEAR (WY)

MEAN	3.11	4.75	3.54	3.49	3.53	11.3	4.28	4.28	2.89	2.70	2.90	3.09
MAX	4.10	7.05	4.19	4.28	5.96	43.9	6.44	12.4	5.25	3.84	3.77	4.51
(WY)	1995	1995	1995	1990	1990	1993	1995	1995	1995	1995	1995	1995
MIN	2.13	3.47	2.81	2.85	1.78	3.16	2.64	1.90	1.36	1.60	2.34	2.42
(WY)	1993	1992	1993	1993	1993	1994	1992	1992	1991	1991	1992	1991

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1990 - 1995	
ANNUAL TOTAL	1372.4		1980.7			
ANNUAL MEAN	3.76		5.43		4.23	
HIGHEST ANNUAL MEAN					6.47	1993
LOWEST ANNUAL MEAN					2.75	1992
HIGHEST DAILY MEAN	9.9	Nov 5	36	May 13	400	Mar 17 1993
LOWEST DAILY MEAN	1.9	Sep 6	2.6	Oct 17	.60	Aug 27 1991
ANNUAL SEVEN-DAY MINIMUM	2.1	Sep 3	2.7	Oct 16	.78	Jun 15 1991
INSTANTANEOUS PEAK FLOW			69	May 7	530	Mar 17 1993
INSTANTANEOUS PEAK STAGE			3.08	May 7	8.15	Mar 17 1993
ANNUAL RUNOFF (AC-FT)	2720		3930		3070	
10 PERCENT EXCEEDS	4.5		8.7		4.8	
50 PERCENT EXCEEDS	3.4		4.4		3.3	
90 PERCENT EXCEEDS	2.8		3.6		1.9	

HUMBOLDT RIVER BASIN

10322500 HUMBOLDT RIVER AT PALISADE, NV

LOCATION.--Lat 40°36'25", long 116°12'05", in SE $^1/_4$ SE $^1/_4$ sec.35, T.32 N., R.51 E., Eureka County, Hydrologic Unit 16040101, on right bank, 0.2 mi downstream from Southern Pacific Railroad bridge, 0.5 mi downstream from Palisade, and 0.8 mi upstream from Pine Creek.

DRAINAGE AREA.--5,010 mi^2, approximately.

PERIOD OF RECORD.--October 1902 to October 1906, and July 1911 to current year. Monthly discharge only for some periods published in WSP 1314.

REVISED RECORDS.--WSP 1514, 1903-4, 1912, 1914.

GAGE.--Water-stage recorder. Datum of gage is 4,825.55 ft above sea level. Prior to April 1, 1939, nonrecording gages (water-stage recorder April 22 to June 3, 1935) at several sites within 0.5 mi of present site at various datums.

REMARKS.--Records good except for estimated daily discharges, which are poor. Diversion for irrigation of 148,000 acres of hay and pastureland above station. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known, about 17 ft, present datum, about February 28, 1910, from photographs and written statements of resident witnesses; discharge, about 17,000 ft^3/s.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	50	32	62	e79	284	312	547	459	1420	2810	423	e74
2	51	39	46	e80	389	325	538	491	1480	2710	378	e82
3	48	49	55	e80	526	340	525	566	1690	2580	362	e76
4	41	50	56	e82	455	382	522	593	1970	2350	333	e74
5	41	60	66	84	417	385	516	640	2370	2290	297	e73
6	37	65	73	83	354	393	506	720	3480	2260	260	74
7	35	63	67	90	328	397	513	762	5160	2230	e245	73
8	35	64	61	92	311	355	518	870	5730	2160	e230	74
9	35	63	67	94	294	326	526	1150	5560	2080	e220	73
10	34	62	73	102	285	333	547	1350	4930	2010	e190	72
11	34	61	66	123	293	393	558	1340	4220	1950	e170	72
12	34	59	75	115	295	472	564	1340	3580	1920	e140	74
13	35	59	e66	121	293	457	561	1400	3010	1920	e135	70
14	35	57	e66	159	296	534	577	1410	2670	1880	e130	69
15	38	42	71	203	283	549	573	1420	2760	1600	e128	65
16	36	52	73	177	263	530	569	1340	3060	1370	e115	60
17	35	47	62	154	243	533	579	1190	3290	1220	e105	61
18	34	57	e57	145	250	522	581	1090	3160	915	e98	62
19	34	72	e53	136	265	506	603	1010	3090	784	e94	61
20	34	72	e50	131	274	495	565	1010	2990	728	e92	60
21	33	69	50	145	285	528	603	1010	2840	698	e91	60
22	33	66	53	139	291	623	636	1110	2650	683	e93	60
23	33	67	62	126	290	707	640	1180	2500	721	e90	60
24	33	67	67	126	291	782	615	1460	2420	715	e90	62
25	33	67	66	139	292	783	573	1740	2180	712	e90	70
26	33	67	89	148	291	742	523	1930	2040	684	e90	75
27	32	67	91	174	294	709	512	1990	1960	646	e90	77
28	31	67	93	155	300	663	500	1940	2220	615	e90	80
29	32	68	97	151	---	620	478	1810	2410	583	e87	81
30	31	66	82	155	---	584	469	1690	2600	550	e80	84
31	31	---	e80	190	---	558	---	1540	---	482	e78	---
TOTAL	1111	1796	2095	3978	8732	15838	16537	37551	89440	44856	5114	2108
MEAN	35.8	59.9	67.6	128	312	511	551	1211	2981	1447	165	70.3
MAX	51	72	97	203	526	783	640	1990	5730	2810	423	84
MIN	31	32	46	79	243	312	469	459	1420	482	78	60
AC-FT	2200	3560	4160	7890	17320	31410	32800	74480	177400	88970	10140	4180

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1903 - 1995, BY WATER YEAR (WY)

MEAN	57.9	87.2	104	140	283	580	856	999	1178	345	59.7	36.0
MAX	369	411	720	561	1779	2949	4222	5719	4635	1960	571	199
(WY)	1983	1984	1984	1914	1986	1983	1984	1984	1984	1984	1984	1984
MIN	10.3	10.3	10.0	10.0	30.1	104	29.9	11.3	6.27	5.71	3.68	6.53
(WY)	1932	1932	1932	1932	1932	1934	1934	1934	1931	1931	1931	1931

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1903 - 1995	
ANNUAL TOTAL	52929		229156			
ANNUAL MEAN	145		628		393	
HIGHEST ANNUAL MEAN					1846	1984
LOWEST ANNUAL MEAN					34.8	1934
HIGHEST DAILY MEAN	971	May 19	5730	Jun 8	7820	May 18 1984
LOWEST DAILY MEAN	21	Jul 31	31	Oct 28	2.0	Aug 25 1931
ANNUAL SEVEN-DAY MINIMUM	22	Aug 16	32	Oct 26	2.4	Aug 22 1931
INSTANTANEOUS PEAK FLOW			5850	Jun 8	7870	May 18 1984
INSTANTANEOUS PEAK STAGE			8.74	Jun 8	10.08	May 18 1984
INSTANTANEOUS LOW FLOW			31	Oct 28		
ANNUAL RUNOFF (AC-FT)	105000		454500		284700	
10 PERCENT EXCEEDS	384		1980		1160	
50 PERCENT EXCEEDS	61		265		119	
90 PERCENT EXCEEDS	28		50		23	

e Estimated

HUMBOLDT RIVER BASIN

10323425 HUMBOLDT RIVER AT OLD U.S. HIGHWAY 40 BRIDGE, AT DUNPHY, NV

LOCATION.--Lat 40°42'20", long 116°31'48", in SE $^1/_4$ SE $^1/_4$ sec.26, T.33 N., R.48 E., Eureka County, Hydrologic Unit 16040105, on right downstream bridge abutment, at Dunphy.

DRAINAGE AREA.--7,470 mi^2.

PERIOD OF RECORD.--February 1991 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,630 ft above sea level, from topographic map.

REMARKS.--Records good except for estimted daily discharges, which are poor. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood February 12, 1962, maximum discharge 7,620 ft^3/s, computed by slope-area and culvert computations of peak flow.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.3	12	45	73	210	299	502	487	1340	2310	476	61
2	13	9.1	50	52	298	310	495	490	1270	2440	425	56
3	15	8.6	38	66	402	323	484	527	1440	2290	398	57
4	18	15	35	84	464	338	472	595	1600	2130	374	76
5	17	29	36	84	427	364	464	614	1860	1930	343	60
6	15	38	43	83	388	370	454	675	2290	1880	289	55
7	15	45	44	77	353	377	443	749	3410	1830	252	62
8	12	43	41	77	326	372	451	819	4560	1790	220	61
9	12	43	46	79	309	335	456	911	5040	1750	206	61
10	11	44	53	82	290	328	463	1220	4870	1700	187	61
11	14	47	49	96	282	345	478	1340	4400	1650	164	60
12	16	47	52	109	288	409	487	1360	3730	1620	154	59
13	17	47	51	108	285	431	490	1360	3120	1600	142	48
14	19	44	e51	118	293	439	504	1370	2630	1620	125	46
15	23	45	53	153	284	489	507	1360	2420	1530	112	49
16	24	40	49	196	260	483	507	1360	2460	1340	106	48
17	23	35	47	173	245	469	512	1230	2690	1170	98	46
18	21	e30	43	162	247	472	523	1130	2770	1030	90	45
19	20	25	44	157	253	462	539	1040	2670	844	88	45
20	21	e28	52	150	264	453	536	969	2610	766	88	43
21	21	e29	43	146	271	468	536	972	2530	725	84	43
22	20	31	41	151	281	495	578	997	2340	689	80	42
23	21	e33	36	139	285	564	600	1080	2170	694	79	43
24	20	35	42	133	285	634	607	1180	2080	700	78	42
25	20	e40	48	141	285	680	594	1440	1950	688	74	43
26	15	44	46	147	284	667	541	1640	1780	677	73	46
27	11	46	61	156	286	644	518	1740	1690	643	70	43
28	11	52	68	186	291	621	508	1730	1710	612	69	41
29	11	46	73	173	---	575	504	1670	1880	582	70	48
30	10	51	76	168	---	549	487	1550	2110	555	68	55
31	11	---	70	174	---	518	---	1450	---	523	65	---
TOTAL	504.3	1081.7	1526	3893	8436	14283	15240	35055	77420	40308	5147	1545
MEAN	16.3	36.1	49.2	126	301	461	508	1131	2581	1300	166	51.5
MAX	24	52	76	196	464	680	607	1740	5040	2440	476	76
MIN	7.3	8.6	35	52	210	299	443	487	1270	523	65	41
AC-FT	1000	2150	3030	7720	16730	28330	30230	69530	153600	79950	10210	3060

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1995, BY WATER YEAR (WY)

MEAN	13.9	38.5	50.5	71.5	144	432	436	621	966	357	42.8	15.3
MAX	21.9	57.0	67.9	126	301	1144	1149	1136	2581	1300	166	51.5
(WY)	1994	1992	1992	1995	1995	1993	1993	1993	1995	1995	1995	1995
MIN	8.51	21.7	33.7	38.7	45.1	161	148	159	37.5	7.87	2.93	2.49
(WY)	1992	1993	1993	1993	1993	1994	1991	1992	1992	1992	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1991 - 1995	
ANNUAL TOTAL	46166.2		204439.0			
ANNUAL MEAN	126		560		298	
HIGHEST ANNUAL MEAN					560	1995
LOWEST ANNUAL MEAN					79.8	1992
HIGHEST DAILY MEAN	812	Jun 4	5040	Jun 9	5040	Jun 9 1995
LOWEST DAILY MEAN	2.9	Aug 28	7.3	Oct 1	1.6	Aug 13 1992
ANNUAL SEVEN-DAY MINIMUM	3.0	Aug 25	10	Oct 28	2.1	Sep 18 1992
INSTANTANEOUS PEAK FLOW			5140	Jun 9	5140	Jun 9 1995
INSTANTANEOUS PEAK STAGE			8.57	Jun 9	8.57	Jun 9 1995
ANNUAL RUNOFF (AC-FT)	91570		405500		215500	
10 PERCENT EXCEEDS	338		1700		781	
50 PERCENT EXCEEDS	55		260		68	
90 PERCENT EXCEEDS	4.5		27		5.9	

e Estimated

HUMBOLDT RIVER BASIN

10324500 ROCK CREEK NEAR BATTLE MOUNTAIN, NV

LOCATION (REVISED).--Lat 40°49'26", long 116°35'01", in SW $^1/_4$ NE $^1/_4$ sec.17, T.34 N., R.48 E., Eureka County, Hydrologic Unit 16040106, at mouth of canyon on left bank, and 22 mi northeast of Battle Mountain.

DRAINAGE AREA.--875 mi^2, approximately.

PERIOD OF RECORD.--March 1918 to September 1925 (fragmentary October 1923 to April 1925), March 1927 to May 1929 (fragmentary), October 1945 to current year.

REVISED RECORDS.--WSP 1214: 1950 (M); WSP 1714: 1959; WDR NV-76-1: 1971 (P), 1974 (P).

GAGE.--Water-stage recorder. Elevation of gage is 4,670 ft above sea level, estimated from nearby U.S. Coast and Geodetic Survey bench mark. Prior to March 26, 1918, nonrecording gage at site about 11 mi upstream at different datum. March 26, 1918, to October 28, 1970, water-stage recorder at site 0.4 mi upstream, at the following datums: at different datum March 26, 1918, to January 3, 1946; at datum 9.45 ft higher January 4, 1946, to July 23, 1964; at datum 7.35 ft higher July 23, 1964, to October 31, 1968; and at datum 6.34 ft higher November 1, 1968, to October 28, 1970.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Several diversions for irrigation of 4,380 acres, in valleys upstream. Station is above all diversions in Boulder Flat. Flow slightly affected by Willow Creek Reservoir in Squaw Valley, 30 mi upstream, usable capacity, 18,000 acre-ft. No flow during summer months most years. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.76	2.5	e3.2	74	18	21	11	75	29	.06	.00
2	.00	1.3	3.2	3.4	123	18	21	12	76	26	.04	.00
3	.00	.92	3.9	3.2	100	23	20	11	76	23	.02	.00
4	.00	.93	4.4	2.9	66	25	19	14	76	19	.00	.00
5	.00	1.7	4.8	3.0	50	28	18	37	67	16	.00	.00
6	.00	3.4	5.8	3.4	42	23	18	187	69	13	.00	.00
7	.00	3.6	e4.6	3.4	38	17	19	731	65	10	.00	.00
8	.00	4.7	e4.0	3.8	37	16	20	989	63	8.6	.00	.31
9	.00	4.3	3.7	5.1	36	16	23	911	65	7.2	.00	.61
10	.00	3.2	3.0	12	31	16	24	684	62	5.6	.00	.65
11	.00	2.6	3.0	e21	28	20	25	496	49	4.4	.00	.62
12	.00	2.4	3.1	e18	26	153	27	417	42	3.7	.00	.60
13	.00	2.7	3.4	27	23	100	27	446	36	3.1	.00	.63
14	.00	2.5	3.0	33	20	68	27	324	30	2.2	.00	.65
15	.68	2.3	3.4	32	16	71	28	247	28	1.6	.00	.64
16	.78	2.3	3.6	22	16	61	30	210	29	1.1	.00	.58
17	.73	2.2	3.7	19	15	52	29	166	30	.89	.00	.60
18	.62	1.7	3.3	15	17	45	29	134	34	.87	.00	.64
19	.57	1.9	4.0	15	18	42	22	122	41	.93	.00	.74
20	.57	1.8	3.2	13	16	40	15	112	39	.90	.00	.74
21	.54	1.8	2.6	10	15	40	14	105	33	.85	.00	.70
22	.58	1.9	2.5	9.2	15	48	16	111	31	.90	.00	.72
23	.55	2.0	2.5	7.2	16	46	24	110	29	1.1	.00	.76
24	.66	1.7	2.7	7.8	17	40	18	105	27	.87	.00	.80
25	.57	1.8	2.8	7.0	18	33	12	102	24	.70	.00	.87
26	.69	e1.9	3.0	8.8	19	33	9.9	98	22	.54	.00	.96
27	.61	e2.0	3.6	10	20	32	8.5	96	20	.41	.00	1.1
28	.66	e2.0	e4.0	11	20	28	8.3	87	18	.29	.00	1.3
29	.70	2.1	e3.5	12	---	28	9.0	80	27	.24	.00	1.3
30	.73	2.4	e3.1	12	---	24	9.9	75	31	.16	.00	1.4
31	.71	---	e3.1	17	---	22	---	74	---	.11	.00	---
TOTAL	10.95	66.81	107.0	370.4	932	1226	591.6	7304	1314	183.26	0.12	17.92
MEAN	.35	2.23	3.45	11.9	33.3	39.5	19.7	236	43.8	5.91	.004	.60
MAX	.78	4.7	5.8	33	123	153	30	989	76	29	.06	1.4
MIN	.00	.76	2.5	2.9	15	16	8.3	11	18	.11	.00	.00
AC-FT	22	133	212	735	1850	2430	1170	14490	2610	363	.2	36

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1918 - 1995, BY WATER YEAR (WY)

MEAN	2.42	3.82	8.11	16.2	54.2	104	148	90.8	29.6	4.07	1.21	1.36
MAX	15.6	18.1	104	140	385	630	1178	725	132	35.6	15.5	17.2
(WY)	1985	1985	1984	1980	1986	1984	1952	1984	1983	1984	1984	1946
MIN	.077	.77	.50	.30	1.00	2.93	1.10	.85	.15	.000	.000	.000
(WY)	1956	1962	1949	1949	1922	1963	1968	1992	1961	1919	1919	1919

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1918 - 1995	
ANNUAL TOTAL	892.47		12124.06			
ANNUAL MEAN	2.45		33.2		39.2	
HIGHEST ANNUAL MEAN					235	1984
LOWEST ANNUAL MEAN					2.27	1994
HIGHEST DAILY MEAN	12	Mar 1	989	May 8	3510	Feb 10 1962
LOWEST DAILY MEAN	.00	Jun 30	.00	Oct 1	.00	Jul 6 1918
ANNUAL SEVEN-DAY MINIMUM	.00	Jun 30	.00	Oct 1	.00	Jul 14 1918
INSTANTANEOUS PEAK FLOW			1020	May 8	4800	Feb 11 1962
INSTANTANEOUS PEAK STAGE			4.72	May 8	6.89	Feb 11 1962
ANNUAL RUNOFF (AC-FT)	1770		24050		28400	
10 PERCENT EXCEEDS	5.4		70		97	
50 PERCENT EXCEEDS	2.2		5.6		4.0	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated

HUMBOLDT RIVER BASIN

10324700 BOULDER CREEK NEAR DUNPHY, NV

LOCATION.--Lat 40°57'04", long 116°26'39", in NE $^1/_4$ SE $^1/_4$ sec.33, T.36 N., R.49 E., Eureka County, Hydrologic Unit 16040105, on left bank, approximately 20 mi north of Dunphy.

DRAINAGE AREA.--76.7 mi^2.

PERIOD OF RECORD.--February 1991 to June 1993. Seasonal (January-June) record since June 1993.

GAGE.--Water-stage recorder. Elevation of gage is 5,010 ft above sea level, from topographic map.

REMARKS.--Records poor. Peak discharge determined from rating curve extended above 90 ft^3/s on the basis of slope-area measurement of peak discharge. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

EXTREMES FOR CURRENT YEAR.--Maximum discharge during January to June, 174 ft^3/s, May 9, gage height, 3.70 ft; no flow several days in June.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	e.00	e3.0	e3.0	3.9	9.9	6.7	---	---	---
2	---	---	---	e.00	e3.5	e3.5	3.7	11	6.7	---	---	---
3	---	---	---	e.00	e2.8	e4.3	3.5	12	6.2	---	---	---
4	---	---	---	e.00	e2.1	e5.5	3.4	12	4.9	---	---	---
5	---	---	---	e.00	e1.7	e6.5	3.6	24	e4.4	---	---	---
6	---	---	---	e.00	e1.5	e6.5	4.1	78	e4.5	---	---	---
7	---	---	---	e.02	e1.2	e6.3	4.8	90	e4.5	---	---	---
8	---	---	---	e.03	e1.0	e6.5	5.4	67	4.4	---	---	---
9	---	---	---	e.09	e.99	e7.0	6.3	77	5.5	---	---	---
10	---	---	---	e.18	e.99	e9.0	6.2	91	2.9	---	---	---
11	---	---	---	e.24	e1.0	e11	5.5	81	1.8	---	---	---
12	---	---	---	e.40	e1.0	e20	5.2	85	e.10	---	---	---
13	---	---	---	e.40	e1.1	e17	5.1	77	.00	---	---	---
14	---	---	---	e.40	e1.2	e10	5.4	65	.00	---	---	---
15	---	---	---	e.35	e1.2	e8.5	5.2	55	e.10	---	---	---
16	---	---	---	e.32	e1.3	e7.5	5.2	48	1.5	---	---	---
17	---	---	---	e.30	e1.4	7.0	5.0	40	e.00	---	---	---
18	---	---	---	e.29	e1.5	6.7	5.5	34	.00	---	---	---
19	---	---	---	e.27	e1.6	6.5	4.7	30	.00	---	---	---
20	---	---	---	e.25	e1.6	6.3	5.1	26	.00	---	---	---
21	---	---	---	e.24	e1.7	9.3	4.5	22	.00	---	---	---
22	---	---	---	e.22	e1.7	7.1	4.0	23	.00	---	---	---
23	---	---	---	e.22	e1.8	6.5	3.9	21	.00	---	---	---
24	---	---	---	e.28	e1.9	6.9	3.9	19	.00	---	---	---
25	---	---	---	e.37	e2.1	6.9	4.0	17	.00	---	---	---
26	---	---	---	e.49	e2.3	7.8	4.9	14	.00	---	---	---
27	---	---	---	e.60	e2.5	7.5	6.2	12	.00	---	---	---
28	---	---	---	e.90	e2.8	6.4	7.2	10	.00	---	---	---
29	---	---	---	e1.3	---	5.6	8.5	8.7	.00	---	---	---
30	---	---	---	e1.7	---	4.9	9.1	7.4	.00	---	---	---
31	---	---	---	e2.1	---	4.2	---	6.7	---	---	---	---
TOTAL	---	---	---	11.96	48.48	231.7	153.0	1173.7	54.20	---	---	---
MEAN	---	---	---	.39	1.73	7.47	5.10	37.9	1.81	---	---	---
MAX	---	---	---	2.1	3.5	20	9.1	91	6.7	---	---	---
MIN	---	---	---	.00	.99	3.0	3.4	6.7	.00	---	---	---
AC-FT	---	---	---	24	96	460	303	2330	108	---	---	---

e Estimated

HUMBOLDT RIVER BASIN

10325000 HUMBOLDT RIVER AT BATTLE MOUNTAIN, NV

LOCATION.--Lat 40°40'00", long 116°55'50", in NE $^1/_4$ NW $^1/_4$ sec.8, T.32 N., R.45 E., Lander County, Hydrologic Unit 16040105, on left bank, 30 ft downstream from bridge on State Highway 18A, and 2 mi north of Battle Mountain. Reese River enters Humboldt River several miles below station.

DRAINAGE AREA.--8,870 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1896 to December 1897, March 1921 to April 1924, October 1945 to September 1981, February 1991 to current year.

REVISED RECORD.--WSP 1564: 1897-98, 1923.

GAGE.--Water-stage recorder. Elevation of gage is 4,500 ft above sea level, from topographic map. Prior to March 1, 1921, nonrecording gage 1.3 mi upstream and March 1, 1921, to April 19, 1924, nonrecording gage 0.8 mi upstream, both at different datums. October 1945 to September 10, 1972, water-stage recorder at site 1.0 mi upstream at datum 4.79 ft higher.

REMARKS.--Records fair. Records prior to 1969 (except the maximum for the period of record) do not always include flow in secondary channels or ditches at medium-high stages, much of which was used for irrigation. Many diversions above station for irrigation of 194,000 acres Humboldt Decree. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	2.2	60	61	148	228	580	489	1730	2000	543	62
2	.00	2.5	65	57	165	232	559	477	1610	2140	488	59
3	.00	2.8	67	61	214	247	545	490	1540	2280	433	57
4	.00	2.2	59	59	348	256	531	527	1570	2340	401	58
5	.00	3.2	45	90	400	277	512	573	1670	2260	371	63
6	.00	13	42	100	376	293	495	612	1870	2100	334	58
7	.00	17	e41	104	335	300	474	669	2160	2000	286	55
8	.00	20	e40	103	305	307	459	752	2400	1940	251	53
9	.00	20	e38	75	280	301	465	832	2770	1910	227	54
10	.00	20	36	72	263	277	466	975	3310	1880	210	54
11	.00	20	39	78	248	280	481	1110	3840	1800	190	54
12	.00	22	57	90	241	303	501	1200	4010	1740	172	54
13	.00	24	52	90	242	373	521	1340	4010	1680	159	54
14	.00	24	61	92	245	385	527	1390	3690	1640	144	52
15	.00	36	62	100	247	420	542	1430	3240	1620	129	49
16	.00	27	76	116	241	473	548	1460	2880	1580	114	49
17	.00	28	75	141	224	477	546	1470	2690	1410	106	49
18	.00	18	71	142	211	477	566	1460	2690	1220	101	49
19	.00	22	57	140	208	478	578	1330	2860	1110	96	48
20	.00	25	58	135	211	471	606	1190	2920	1010	92	48
21	.00	27	72	131	214	462	584	1130	2900	935	89	47
22	.01	e27	67	125	219	477	608	1100	2830	867	84	48
23	1.3	27	54	127	224	536	659	1150	2740	811	80	48
24	2.5	24	57	124	227	630	685	1190	2560	804	78	48
25	3.3	33	e56	119	228	722	680	1310	2390	790	76	48
26	4.5	e33	e54	120	228	778	650	1470	2260	765	75	48
27	4.5	e34	53	129	227	767	579	1610	2080	737	72	49
28	3.9	34	54	134	225	741	568	1730	1930	704	70	50
29	2.6	50	60	147	---	704	534	1870	1850	665	68	49
30	2.2	58	66	148	---	646	509	1910	1900	625	66	49
31	2.1	---	70	148	---	616	---	1840	---	591	66	---
TOTAL	26.91	695.9	1764	3358	6944	13934	16538	36086	76900	43954	5671	1563
MEAN	.87	23.2	56.9	108	248	449	551	1164	2563	1418	183	52.1
MAX	4.5	58	76	148	400	778	685	1910	4010	2340	543	63
MIN	.00	2.2	36	57	148	228	459	477	1540	591	66	47
AC-FT	53	1380	3500	6660	13770	27640	32800	71580	152500	87180	11250	3100

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1897 - 1995, BY WATER YEAR (WY)

MEAN	25.1	63.8	97.7	158	272	480	733	855	1047	350	45.7	14.8
MAX	117	191	297	622	999	1357	3060	3718	3496	1418	243	120
(WY)	1966	1976	1951	1979	1962	1921	1952	1952	1980	1995	1975	1965
MIN	.000	.21	3.67	9.58	22.7	102	96.9	50.7	20.7	2.36	.000	.000
(WY)	1993	1955	1955	1955	1955	1961	1959	1959	1992	1992	1992	1981

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1897 - 1995	
ANNUAL TOTAL	46386.18		207434.81			
ANNUAL MEAN	127		568		344	
HIGHEST ANNUAL MEAN					889	1971
LOWEST ANNUAL MEAN					54.5	1955
HIGHEST DAILY MEAN	961	Jun 5	4010	Jun 12	5800	May 3 1952
LOWEST DAILY MEAN	.00	Aug 4	.00	Oct 1	.00	Sep 8 1948
ANNUAL SEVEN-DAY MINIMUM	.00	Aug 4	.00	Oct 1	.00	Sep 8 1948
INSTANTANEOUS PEAK FLOW			4090	Jun 12	5800	May 3 1952
INSTANTANEOUS PEAK STAGE			10.62	Jun 12	10.62	Jun 12 1995
ANNUAL RUNOFF (AC-FT)	92010		411400		248900	
10 PERCENT EXCEEDS	350		1860		1030	
50 PERCENT EXCEEDS	47		219		117	
90 PERCENT EXCEEDS	.00		9.6		3.6	

e Estimated

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1977-81, May 1991 to current year.

REMARKS.--In May 1991, station was incorporated into the Carlin Trend Network.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)
OCT											
26...	1040	4.5	688	8.4	13.0	7.0	3.8	650	9.9	96	190
FEB											
27...	1113	233	511	8.3	14.0	9.0	25	651	10.7	109	180
MAY											
01...	1110	782	471	8.5	15.5	14.0	26	645	8.0	92	150
JUN											
30...	1300	1820	418	8.1	--	21.0	88	651	6.2	82	150
AUG											
23...	1034	81	549	8.5	31.0	22.0	9.8	653	7.6	102	180

DATE	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
OCT											
26...	49	17	69	2	9.0	220	12	200	80	50	0.60
FEB											
27...	50	13	42	1	7.7	220	0	180	46	20	0.50
MAY											
01...	45	10	36	1	5.8	188	7	166	40	21	0.50
JUN											
30...	44	9.3	29	1	5.8	210	--	173	22	13	0.40
AUG											
23...	51	13	52	2	8.2	199	14	187	50	32	0.60

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)
OCT										
26...	27	438	422	0.60	<0.010	<0.050	<0.015	<0.20	<0.010	10
FEB										
27...	26	326	314	0.44	<0.010	<0.050	<0.015	<0.20	0.030	10
MAY										
01...	23	295	281	0.40	<0.010	<0.050	<0.015	0.30	0.030	<10
JUN										
30...	27	273	254	0.37	<0.010	<0.050	0.020	0.40	0.070	30
AUG										
23...	27	355	346	0.48	<0.010	<0.050	<0.015	<0.20	0.010	<10

DATE	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)
OCT										
26...	11	92	<0.5	<1.0	<1	<3	2	6	<1	61
FEB										
27...	9	88	<0.5	<1.0	<1	<3	<1	7	<1	53
MAY										
01...	6	73	<0.5	1.0	<1	<3	6	16	<1	33
JUN										
30...	7	64	<0.5	<1.0	<1	<3	2	24	<1	19
AUG										
23...	11	97	<0.5	2.0	<1	<3	2	5	<1	50

10325000 HUMBOLDT RIVER AT BATTLE MOUNTAIN, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MERCURY DISSOLVED (UG/L AS HG) (71890)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	CYANIDE TOTAL (MG/L AS CN) (00720)
OCT										
26...	11	<0.1	<10	1	<1	<1.0	420	7	35	<0.010
FEB										
27...	2	<0.1	<10	<1	<1	<1.0	350	<6	<3	<0.010
MAY										
01...	3	<0.1	20	3	<1	<1.0	270	<6	4	<0.010
JUN										
30...	5	<0.1	<10	1	<1	<1.0	260	9	4	<0.010
AUG										
23...	6	<0.1	<10	<1	<1	<1.0	350	10	<3	<0.010

HUMBOLDT RIVER BASIN

10327500 HUMBOLDT RIVER AT COMUS, NV

LOCATION.--Lat 40°59'33", long 117°19'00", in SE $^1/_4$ SE $^1/_4$ sec.14, T.36 N., R.41 E., Humboldt County, Hydrologic Unit 16040105, on left bank, at Comus siding of Southern Pacific Railroad, 1.0 mi upstream from Kelly Creek, 9 mi northeast of Golconda, and 32 mi northwest of Battle Mountain.

DRAINAGE AREA.--12,100 mi^2, approximately.

PERIOD OF RECORD.--October 1894 to December 1909, September 1910 to September 1926, October 1945 to current year. Published as "near Golconda" prior to October 1917.

REVISED RECORDS.--WSP 1514: 1921-22, 1926. WSP 1314: 1904, 1907-8, 1911-13, 1916-17.

GAGE.--Water-stage recorder. Datum of gage is 4,359.9 ft, above sea level (from Soil Conservation Service reference mark). Prior to September 25, 1917, nonrecording gages at several sites about 10 mi downstream at different datums. September 25, 1917, to June 30, 1923, and May 23, 1925, to May 31, 1926, nonrecording gages at several sites within 0.5 mi of present site at different datum.

REMARKS.--Records fair except for the period March to September, which is poor. Many diversions above station for irrigation, 206,000 acres, additional acreage not covered by decree. Flows significantly influenced by discharge into river from mine de-watering approximately 9.0 mi upstream. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e45	41	50	42	142	282	555	386	1270	1900	675	103
2	e41	42	45	42	141	294	543	373	1340	1850	636	101
3	e46	42	45	42	153	297	533	346	1450	1820	596	91
4	e43	42	45	38	208	304	527	333	1440	1810	550	97
5	e42	44	46	48	297	312	523	341	1370	1830	514	96
6	42	46	45	55	378	317	515	363	1320	1840	480	93
7	42	48	46	67	381	328	507	372	1350	1880	438	93
8	41	48	46	84	372	336	498	371	1400	1900	391	87
9	38	48	46	93	341	342	490	378	1480	1900	359	79
10	35	48	46	105	316	340	492	388	1610	1880	328	77
11	35	49	46	96	314	328	488	392	1700	1830	297	75
12	36	49	47	101	305	319	494	405	1760	1790	273	70
13	38	50	46	109	299	332	505	449	1830	1770	251	68
14	39	49	47	118	294	373	514	496	1930	1760	237	69
15	39	49	47	116	293	386	518	530	2220	1750	221	68
16	40	50	47	115	298	395	527	563	2770	1700	202	66
17	39	50	54	120	293	423	531	689	3120	1610	182	64
18	39	50	56	145	283	455	531	808	3140	1530	171	63
19	40	49	57	141	270	457	537	873	2890	1460	163	59
20	40	50	56	140	267	460	548	962	2610	1390	155	57
21	40	49	56	143	262	455	549	992	2460	1300	148	56
22	38	49	59	135	265	450	526	1040	2470	1140	142	58
23	38	50	59	134	268	465	434	1030	2520	1010	136	57
24	36	50	42	131	273	489	386	1000	2540	908	130	56
25	32	51	38	133	276	527	411	969	2530	841	129	58
26	33	52	40	130	281	554	420	978	2470	806	125	57
27	40	52	44	131	278	575	423	990	2400	789	121	57
28	40	52	47	133	274	585	410	1020	2300	776	118	57
29	40	51	46	135	---	585	401	1080	2140	756	112	57
30	42	51	43	150	---	581	390	1170	1990	723	108	58
31	42	---	38	152	---	567	---	1220	---	701	106	---
TOTAL	1221	1451	1475	3324	7822	12913	14726	21307	61820	44950	8494	2147
MEAN	39.4	48.4	47.6	107	279	417	491	687	2061	1450	274	71.6
MAX	46	52	59	152	381	585	555	1220	3140	1900	675	103
MIN	32	41	38	38	141	282	386	333	1270	701	106	56
AC-FT	2420	2880	2930	6590	15510	25610	29210	42260	122600	89160	16850	4260

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1895 - 1995, BY WATER YEAR (WY)

MEAN	28.1	57.6	91.4	128	245	519	742	749	850	414	71.6	18.7
MAX	259	386	791	762	873	3267	5312	6227	4630	1930	636	189
(WY)	1985	1984	1984	1984	1984	1983	1984	1984	1984	1984	1984	1984
MIN	.045	.10	.090	.10	.16	25.0	57.8	9.79	3.33	.079	.084	.000
(WY)	1954	1955	1961	1955	1955	1896	1920	1918	1918	1992	1954	1920

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1895 - 1995	
ANNUAL TOTAL	48113		181650			
ANNUAL MEAN	132		498		326	
HIGHEST ANNUAL MEAN					2022	1984
LOWEST ANNUAL MEAN					36.8	1920
HIGHEST DAILY MEAN	630	Jun 9	3140	Jun 18	9640	Apr 25 1984
LOWEST DAILY MEAN	32	Oct 25	32	Oct 25	.00	Sep 16 1905
ANNUAL SEVEN-DAY MINIMUM	37	Oct 20	37	Oct 20	.00	Jan 1 1906
INSTANTANEOUS PEAK FLOW			3210	Jun 18	9900	Apr 24 1984
INSTANTANEOUS PEAK STAGE			10.87	Jun 18	12.25	Apr 24 1984
ANNUAL RUNOFF (AC-FT)	95430		360300		236100	
10 PERCENT EXCEEDS	331		1650		898	
50 PERCENT EXCEEDS	65		273		107	
90 PERCENT EXCEEDS	40		42		.50	

e Estimated

HUMBOLDT RIVER BASIN

10329000 LITTLE HUMBOLDT RIVER NEAR PARADISE VALLEY, NV

LOCATION.--Lat 41°24'55", long 117°22'22", in NW $^1/_4$ SE $^1/_4$ sec.20, T.41 N., R.41 E., Humboldt County, Hydrologic Unit 16040109, on right bank, 3.5 mi downstream from Bull Head Ranch, and 9.5 mi southeast of Paradise Valley.

DRAINAGE AREA.--1,030 mi^2, approximately.

PERIOD OF RECORD.--October 1921 to June 1928 (fragmentary), October 1943 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,470 ft, from river-profile map. Prior to November 21, 1946, water-stage recorder at site 1 mi downstream at different datum. November 21, 1946, to August 16, 1972, at site 250 ft upstream at datum 2.21 ft higher.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Chimney Dam Reservoir, capacity, 35,000 acre-ft, 10 mi upstream, since 1975. Records not adjusted for storage. Diversions for irrigation of 4,450 acres, Little Humboldt Decree, above station. Station is above all diversions in Paradise Valley. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.3	5.9	8.7	6.1	15	6.5	15	69	77	36	9.7	27
2	7.1	6.7	8.2	5.8	10	7.1	23	68	79	35	9.2	27
3	7.4	6.4	9.7	6.0	7.2	9.5	35	67	90	36	9.1	27
4	8.3	6.1	9.0	6.0	6.6	8.8	37	70	75	36	8.7	28
5	9.7	6.7	8.1	6.1	6.4	7.9	40	80	70	42	8.5	27
6	5.8	7.3	8.3	5.7	6.7	7.4	41	81	68	37	8.4	27
7	5.7	6.7	8.0	5.8	6.5	7.5	39	63	69	36	8.3	27
8	5.8	6.4	7.7	5.7	7.7	7.6	42	53	67	35	8.2	27
9	5.8	6.1	7.7	6.4	6.9	8.0	47	50	67	36	7.4	27
10	5.7	6.5	7.6	18	6.6	8.7	49	54	63	36	15	27
11	5.7	6.3	7.3	11	6.6	12	51	53	59	35	21	27
12	5.7	6.5	8.0	7.9	6.6	9.3	53	61	56	37	22	27
13	5.9	6.6	8.0	21	6.6	8.6	55	63	54	36	22	16
14	5.9	6.4	7.8	14	6.6	9.1	58	62	53	36	22	12
15	6.0	6.6	7.2	9.9	6.0	8.6	58	66	55	36	23	12
16	6.1	6.9	7.0	7.5	6.1	8.4	58	69	62	36	23	12
17	6.1	7.6	7.1	6.5	6.1	8.4	58	78	75	36	26	12
18	6.0	7.4	7.2	6.3	6.2	8.6	65	88	70	36	27	12
19	6.1	7.6	7.1	6.1	6.3	8.6	63	85	62	36	27	12
20	6.0	7.6	6.7	6.3	6.3	8.7	68	91	56	36	27	12
21	5.7	7.9	6.9	6.2	6.5	9.2	68	97	50	36	28	12
22	5.7	8.6	6.8	6.2	6.2	9.0	67	122	47	34	28	12
23	5.9	9.0	6.9	6.2	5.7	9.3	69	122	44	34	28	11
24	5.8	9.0	6.6	6.4	5.8	9.5	70	119	42	33	28	12
25	5.8	8.8	6.6	6.5	6.0	9.4	63	111	40	33	28	11
26	5.4	8.8	6.7	6.8	6.1	9.2	57	103	37	32	28	11
27	5.5	8.6	7.0	6.5	6.3	9.3	60	90	35	25	27	11
28	5.4	8.7	7.1	6.7	6.1	9.4	63	84	34	13	28	11
29	5.6	8.6	7.0	7.1	---	9.3	73	81	32	10	27	10
30	5.7	8.7	6.4	7.1	---	9.4	69	78	33	9.7	27	10
31	5.8	---	6.3	11	---	11	---	77	---	9.6	27	---
TOTAL	190.4	221.0	230.7	244.8	191.7	273.3	1614	2455	1721	994.3	636.5	538
MEAN	6.14	7.37	7.44	7.90	6.85	8.82	53.8	79.2	57.4	32.1	20.5	17.9
MAX	9.7	9.0	9.7	21	15	12	73	122	90	42	28	28
MIN	5.4	5.9	6.3	5.7	5.7	6.5	15	50	32	9.6	7.4	10
AC-FT	378	438	458	486	380	542	3200	4870	3410	1970	1260	1070

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1922 - 1974, BY WATER YEAR (WY)

MEAN	7.73	8.44	9.51	20.1	26.0	38.2	74.4	64.9	30.5	9.58	7.19	7.37
MAX	13.8	15.2	25.9	194	86.5	178	456	268	125	33.2	11.1	12.0
(WY)	1926	1928	1965	1969	1952	1972	1952	1952	1952	1952	1922	1923
MIN	5.65	5.68	5.50	5.75	6.69	8.85	11.1	9.39	6.54	5.58	5.48	5.57
(WY)	1967	1967	1967	1962	1955	1955	1955	1924	1966	1959	1967	1951

SUMMARY STATISTICS — WATER YEARS 1922 - 1974

ANNUAL MEAN	25.6	
HIGHEST ANNUAL MEAN	88.6	1952
LOWEST ANNUAL MEAN	8.53	1954
HIGHEST DAILY MEAN	2000	Jan 21 1969
LOWEST DAILY MEAN	4.0	Jan 7 1970
ANNUAL SEVEN-DAY MINIMUM	4.6	Jan 30 1962
INSTANTANEOUS PEAK FLOW	2380	Jan 21 1969
INSTANTANEOUS PEAK STAGE	8.40	Jan 21 1969
ANNUAL RUNOFF (AC-FT)	18510	
10 PERCENT EXCEEDS	61	
50 PERCENT EXCEEDS	9.2	
90 PERCENT EXCEEDS	6.3	

HUMBOLDT RIVER BASIN

10329000 LITTLE HUMBOLDT RIVER NEAR PARADISE VALLEY, NV--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 1995, BY WATER YEAR (WY)

MEAN	9.12	9.66	9.82	9.74	11.8	13.9	35.1	69.8	55.3	25.2	16.7	12.2
MAX	28.8	29.1	26.0	25.3	27.4	43.2	188	404	249	78.7	57.9	46.5
(WY)	1985	1985	1985	1985	1985	1984	1984	1984	1983	1983	1983	1986
MIN	6.14	6.75	7.25	6.99	6.85	8.36	7.98	8.00	6.11	6.57	5.94	6.62
(WY)	1995	1989	1981	1981	1995	1982	1994	1992	1992	1992	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1975 - 1995	
ANNUAL TOTAL	2939.4		9310.7			
ANNUAL MEAN	8.05		25.5		23.2	
HIGHEST ANNUAL MEAN					80.2	1984
LOWEST ANNUAL MEAN					7.76	1992
HIGHEST DAILY MEAN	22	Jun 3	122	May 22	656	May 17 1984
LOWEST DAILY MEAN	5.4	Oct 26	5.4	Oct 26	4.1	Jul 30 1992
ANNUAL SEVEN-DAY MINIMUM	5.6	Oct 24	5.6	Oct 24	4.5	Jul 28 1992
INSTANTANEOUS PEAK FLOW			108	May 22	678	May 15 1984
INSTANTANEOUS PEAK STAGE			2.29	May 22	6.46	May 15 1984
ANNUAL RUNOFF (AC-FT)	5830		18470		16830	
10 PERCENT EXCEEDS	10		67		53	
50 PERCENT EXCEEDS	7.6		9.7		9.3	
90 PERCENT EXCEEDS	6.4		6.1		7.0	

HUMBOLDT RIVER BASIN

10329500 MARTIN CREEK NEAR PARADISE VALLEY, NV

LOCATION.--Lat 41°32'00", long 117°25'40", in SE $^1/_4$ NW $^1/_4$, sec.12, T.42 N., R.40 E., Humboldt County, Hydrologic Unit 16040109, on left bank, 0.6 mi upstream from Humboldt County Recreation Park, and 7 mi northeast of Paradise Valley.

DRAINAGE AREA.--172 mi^2.

PERIOD OF RECORD.--October 1921 to current year.

REVISED RECORDS.--WSP 1514: 1925-27 (M), 1930 (M), 1933 (M), 1938 (M), 1940, 1945.

GAGE.--Water-stage recorder. Elevation of gage is 4,700 ft above sea level, from extension of river-profile map. Prior to October 22, 1946, water-stage recorder at several sites within 400 ft of present site at different datums.

REMARKS.--No estimated daily discharges. Records good. No diversions above station. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.7	8.3	9.3	8.6	369	53	73	230	241	56	12	6.1
2	7.4	8.6	10	8.6	259	51	67	270	239	53	10	6.1
3	7.3	8.5	12	8.9	127	75	64	271	265	53	9.9	6.1
4	8.0	8.5	13	9.9	94	66	72	249	261	50	9.3	6.6
5	9.4	9.4	11	10	84	53	87	337	239	44	9.1	6.1
6	8.1	10	10	11	78	43	106	801	192	41	8.6	6.1
7	7.8	9.7	8.7	11	72	41	118	673	157	39	8.2	6.1
8	7.6	9.2	7.7	11	110	41	123	457	133	36	8.3	6.1
9	7.6	9.0	8.4	11	70	48	114	382	119	37	8.5	5.9
10	7.5	9.8	8.5	13	57	145	98	349	107	34	8.0	5.8
11	7.6	9.6	9.5	19	52	504	89	326	113	31	7.4	5.8
12	7.8	9.4	10	18	46	204	85	324	120	31	7.4	5.8
13	7.8	9.1	9.3	26	42	152	91	288	120	32	7.3	5.8
14	7.8	8.8	10	57	37	204	90	256	117	28	7.3	5.8
15	8.1	8.7	10	41	30	173	86	244	109	26	7.1	5.8
16	7.9	9.2	10	26	33	151	79	223	118	24	7.1	5.8
17	7.9	9.2	10	21	32	131	73	217	116	23	7.1	5.8
18	7.9	8.1	10	21	30	157	69	223	122	22	7.2	6.4
19	7.9	7.5	9.5	18	34	160	63	234	111	22	7.3	6.3
20	7.8	9.3	9.5	15	38	185	64	246	98	20	7.1	5.9
21	7.9	8.7	9.9	16	43	202	60	262	89	20	6.9	5.9
22	7.9	6.6	9.4	14	48	154	57	296	80	18	6.9	6.1
23	8.0	7.3	8.7	14	49	145	56	298	78	20	6.8	6.3
24	7.9	9.3	9.8	14	53	124	60	284	75	17	6.5	6.4
25	8.0	9.0	12	14	59	110	74	257	76	15	6.5	6.1
26	8.0	8.9	11	15	58	95	87	248	74	14	6.4	6.2
27	7.9	7.6	11	16	54	85	106	237	74	13	6.4	6.4
28	7.8	10	12	15	53	78	118	228	71	12	6.4	6.5
29	8.0	9.4	11	15	---	75	201	221	64	12	6.4	6.8
30	8.2	9.4	7.4	31	---	70	206	223	58	12	6.4	7.1
31	8.2	---	7.8	175	---	71	---	231	---	12	6.4	---
TOTAL	244.7	266.1	306.4	704.0	2111	3846	2736	9385	3836	867	236.2	184.0
MEAN	7.89	8.87	9.88	22.7	75.4	124	91.2	303	128	28.0	7.62	6.13
MAX	9.4	10	13	175	369	504	206	801	265	56	12	7.1
MIN	7.3	6.6	7.4	8.6	30	41	56	217	58	12	6.4	5.8
AC-FT	485	528	608	1400	4190	7630	5430	18620	7610	1720	469	365

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1922 - 1995, BY WATER YEAR (WY)

MEAN	7.67	9.50	11.9	18.8	32.2	53.7	88.0	109	55.5	11.9	5.90	6.12
MAX	13.1	19.6	70.4	149	291	219	441	500	319	50.1	13.2	9.00
(WY)	1985	1982	1965	1943	1986	1986	1952	1984	1983	1983	1983	1984
MIN	4.97	5.10	5.00	5.87	7.14	9.83	14.0	14.7	6.43	4.65	3.64	4.20
(WY)	1932	1932	1931	1937	1929	1977	1931	1931	1931	1931	1981	1937

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1922 - 1995	
ANNUAL TOTAL	4914.9		24722.4			
ANNUAL MEAN	13.5		67.7		34.2	
HIGHEST ANNUAL MEAN					108	1984
LOWEST ANNUAL MEAN					8.18	1931
HIGHEST DAILY MEAN	60	May 13	801	May 6	2500	Jan 21 1943
LOWEST DAILY MEAN	4.6	Jul 28	5.8	Sep 10	2.0	Sep 1 1928
ANNUAL SEVEN-DAY MINIMUM	4.6	Aug 4	5.8	Sep 10	2.0	Sep 1 1928
INSTANTANEOUS PEAK FLOW			1150	May 6	9000	Jan 21 1943
INSTANTANEOUS PEAK STAGE			4.42	May 6	11.10	Jan 21 1943
ANNUAL RUNOFF (AC-FT)	9750		49040		24770	
10 PERCENT EXCEEDS	27		223		95	
50 PERCENT EXCEEDS	9.8		18		10	
90 PERCENT EXCEEDS	5.0		6.6		5.6	

HUMBOLDT RIVER BASIN

10333000 HUMBOLDT RIVER NEAR IMLAY, NV

LOCATION.--Lat 40°41'30", long 118°12'10", in NW$^1/_4$ SE$^1/_4$, sec.25, T.33 N., R.33 E., Pershing County, Hydrologic Unit 16040108, on right bank, 1 mi upstream from Callahan bridge, and 4 mi northwest of Imlay.

DRAINAGE AREA.--15,700 mi^2, approximately.

PERIOD OF RECORD.--June 1935 to December 1941, April 1945 to current year.

REVISED RECORDS.--WSP 1714: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4,130 ft above sea level, from Geological Survey vertical-angle bench mark. Prior to April 28, 1945, at site 1 mi downstream at different datum. April 28, 1945, to August 20, 1947, at present site at datum 1 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Humboldt-Lovelock Irrigation, Light and Power Co.'s feeder canal diverts water at times from river above station to Pitt-Taylor Reservoirs. Flow affected by many diversions above station for irrigation. No flow has occurred many times during period of record. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28	28	e49	48	144	225	439	264	794	2200	700	77
2	29	29	e43	53	148	227	442	259	821	2210	656	72
3	29	30	e40	58	154	234	433	252	849	2180	611	69
4	29	32	e37	61	158	239	384	260	871	2130	579	67
5	30	35	e36	64	158	243	378	281	898	2070	548	64
6	30	43	e35	66	157	244	373	304	958	2000	511	62
7	30	43	e34	67	169	247	369	278	985	1920	477	60
8	30	42	e33	70	196	249	367	234	987	1840	440	58
9	31	42	e34	72	232	257	365	257	1010	1770	375	57
10	30	42	e34	69	251	264	361	318	1020	1720	338	56
11	29	43	e33	72	260	272	357	309	1030	1670	322	55
12	29	44	e33	80	258	279	358	343	1040	1620	304	53
13	29	44	e33	89	251	283	347	339	1030	1600	286	52
14	30	44	e34	95	246	289	346	346	1040	1600	270	50
15	29	45	e34	100	245	284	347	355	1070	1590	255	48
16	30	45	e35	104	242	284	353	364	1110	1570	241	46
17	29	41	e36	108	237	296	356	358	1140	1540	227	45
18	30	e39	e37	114	233	307	380	371	1180	1530	218	44
19	31	e35	e38	116	234	311	426	377	1220	1510	209	43
20	31	e35	e40	119	234	323	423	279	1260	1500	200	42
21	31	e35	e41	125	230	338	405	184	1300	1500	191	41
22	31	e34	e44	132	223	350	382	423	1360	1460	183	40
23	31	e36	e45	133	219	360	384	632	1480	1420	175	34
24	31	e36	e44	139	215	368	404	792	1650	1380	167	30
25	31	e37	e45	140	214	367	412	823	1940	1340	156	29
26	31	e38	e47	139	217	368	404	775	2130	1280	150	28
27	31	e40	e48	139	219	376	378	778	2180	1170	146	27
28	29	e43	e50	141	221	392	284	785	2160	1020	142	27
29	29	e46	e52	142	---	409	249	788	2140	895	134	26
30	28	e49	57	142	---	421	259	785	2160	807	97	26
31	27	---	55	144	---	430	---	787	---	747	91	---
TOTAL	923	1175	1256	3141	5965	9536	11165	13700	38813	48789	9399	1428
MEAN	29.8	39.2	40.5	101	213	308	372	442	1294	1574	303	47.6
MAX	31	49	57	144	260	430	442	823	2180	2210	700	77
MIN	27	28	33	48	144	225	249	184	794	747	91	26
AC-FT	1830	2330	2490	6230	11830	18910	22150	27170	76990	96770	18640	2830

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 1995, BY WATER YEAR (WY)

MEAN	39.1	56.2	84.7	107	172	377	538	621	666	450	113	42.1
MAX	301	412	685	779	991	1991	4489	6223	5355	2340	936	291
(WY)	1985	1985	1984	1984	1984	1986	1984	1984	1984	1984	1984	1984
MIN	.000	.000	.000	.000	.000	33.7	45.8	16.5	1.76	.75	.000	.000
(WY)	1936	1936	1936	1940	1941	1955	1955	1992	1992	1992	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1935 - 1995	
ANNUAL TOTAL	33122		145290			
ANNUAL MEAN	90.7		398		269	
HIGHEST ANNUAL MEAN					2017	1984
LOWEST ANNUAL MEAN					26.0	1955
HIGHEST DAILY MEAN	366	Jun 19	2210	Jul 2	9190	May 27 1984
LOWEST DAILY MEAN	10	Sep 2	26	Sep 29	.00	Jun 1 1935
ANNUAL SEVEN-DAY MINIMUM	11	Aug 28	28	Sep 24	.00	Jun 1 1935
INSTANTANEOUS PEAK FLOW			2230	Jul 2	9270	May 27 1984
INSTANTANEOUS PEAK STAGE			10.23	Jul 2	13.20	May 27 1984
ANNUAL RUNOFF (AC-FT)	65700		288200		194600	
10 PERCENT EXCEEDS	197		1270		685	
50 PERCENT EXCEEDS	74		223		92	
90 PERCENT EXCEEDS	19		31		9.4	

e Estimated

HUMBOLDT RIVER BASIN

10334500 RYE PATCH RESERVOIR NEAR RYE PATCH, NV

LOCATION.--Lat 40°28'15", long 118°18'24", in NE $^1/_4$ NE $^1/_4$ sec.18, T.30 N., R.33 E., Pershing County, Hydrologic Unit 16040108, at control works on east side of Rye Patch Dam on Humboldt River, and 2 mi northwest of Rye Patch.

DRAINAGE AREA.--16,100 mi^2, approximately.

PERIOD OF RECORD.--February 1936 to current year.

REVISED RECORDS.--WSP 1714: Drainage area.

GAGE.--Staff gage on dam read daily. Datum of gage is above sea level (Southern Pacific Railroad datum).

REMARKS.--Reservoir is formed by earthfill, rock-faced dam; storage began February 20, 1936. Capacity, 194,300 acre-ft between elevations, 4,072.5 ft, sill of trashrack structure, and 4,136.0 ft, top of spillway gates (since June 1976). Dead storage negligible. Elevation of spillway (gate sill) is 4,119 ft. Figures given herein represent usable contents and are based on capacity table No. 2, developed by Bureau of Reclamation, in use since October 1, 1971. Water is used for irrigation in the Lovelock area. Daily contents below elevation 4,116.0 ft (contents 35,600 ac-ft) are not direct readings from staff gage but are based on releases from the reservoir. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

COOPERATION.--Records of daily elevation furnished by Pershing County Water Conservation District.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 196,900 acre-ft, April 9, 1946, elevation, 4,134.62 ft, capacity table then in use; maximum elevation, 4,135.9 ft, July 27 to August 3, 1983, and July 11-15, 1984; no contents, August 7-11, 1955, May 12 to June 13, 1961, July 17, 1992, and August 11-13, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 101,300 acre-ft, July 30 to August 1, elevation, 4,127.5 ft; minimum observed, 1,609 acre-ft, October 1, 4,090.3 ft.

Capacity table (elevation, in feet, and contents, in acre-feet)

4,072	0	4,095	3,460	4,120	53,200
4,075	10	4,100	6,340	4,125	82,700
4,080	70	4,105	10,480	4,130	123,200
4,085	370	4,110	17,000	4,135	182,400
4,090	1,510	4,115	31,700	4,140	244,400

RESERVOIR STORAGE (AC-FT), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
INSTANTANEOUS OBSERVATIONS AT 0800

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1609	1912	5152	6076	11310	15830	38470	44900	39700	76670	101300	68520
2	1609	1948	5152	6142	12200	20200	38880	44000	40130	78680	100500	67340
3	1642	1948	5218	6142	12310	20440	39290	44000	40560	81360	100500	66160
4	1642	1984	5218	6142	12420	20680	39700	44000	41420	84120	99700	64980
5	1642	1984	5284	6208	12540	20920	40130	44000	42280	85540	99700	63250
6	1642	2020	5284	6208	12650	21160	40990	43570	42710	86960	98900	61600
7	1675	2020	5350	6208	12770	21400	41850	43140	43140	88380	98100	61050
8	1675	2056	5350	6274	12900	21700	42280	42710	43570	89800	97300	60500
9	1675	2056	5416	6274	13020	21700	42280	42280	44450	91300	96550	59400
10	1675	2092	5416	6340	13150	22000	42280	41850	45350	92800	95050	58850
11	1708	2092	5482	6411	13270	22000	42280	41420	46250	92800	94300	58300
12	1708	2128	5482	6482	13400	22300	42710	40560	46700	92800	93550	57790
13	1708	2128	5548	6553	13520	22600	42710	39700	47600	92800	92050	56770
14	1708	2164	5548	6624	13650	22900	42710	39290	48050	92800	90550	55750
15	1741	2164	5614	6695	13770	23200	43140	38880	49440	92800	89090	54730
16	1741	2200	5614	6766	13900	23500	43140	38060	50380	92800	87670	54220
17	1741	2200	5680	6837	14040	23800	43140	37650	51320	92800	86250	53200
18	1774	2239	5680	6908	14190	24100	43570	37240	53200	92800	84830	52260
19	1774	2239	5746	6979	14330	24400	43570	36830	54730	92800	83410	51790
20	1774	2278	5746	7050	14470	24750	43570	36420	56770	92800	82700	50850
21	1807	2278	5812	7126	14610	25450	44000	36010	57790	93550	82030	49910
22	1807	2317	5812	7202	14760	26150	44000	35600	59400	93550	80690	48500
23	1807	2356	5812	7278	14900	26850	44450	35600	61050	95050	79350	47150
24	1840	2395	5878	10480	15040	27550	44450	35600	62700	96550	78010	45800
25	1840	2434	5878	10580	15190	28280	44450	36010	64390	98100	76670	44450
26	1840	2473	5878	10690	15330	29040	44450	36420	66160	98900	75370	43140
27	1876	2512	5944	10790	15500	33650	44450	36830	67930	99700	74110	41850
28	1876	2551	5944	10900	15660	35600	44900	37240	70330	100500	73480	40560
29	1876	5086	6010	11000	---	36420	44900	38060	72220	100500	72220	39290
30	1912	5086	6010	11100	---	37240	44900	38470	74740	101300	70960	38060
31	1912	---	6076	11210	---	37650	---	39290	---	101300	69700	---
MAX	1912	5086	6076	11210	15660	37650	44900	44900	74740	101300	101300	68520
MIN	1609	1912	5152	6076	11310	15830	38470	35600	39700	76670	69700	38060
@	4091.2	4098.1	4099.6	4105.7	4109.2	4116.5	4118.2	4116.9	4123.8	4127.5	4123.0	4116.6
@@	+303	+3174	+990	+5134	+4450	+21990	+7250	-5610	+35450	+26560	-31600	-31640

CAL YR 1994 MAX 34820 MIN 1028 @@ -10254
WTR YR 1995 MAX 101300 MIN 1609 @@ +36451

@ Elevation, in feet above sea level, at end of month.
@@ Change in contents, in acre-feet.

HUMBOLDT RIVER BASIN

10335000 HUMBOLDT RIVER NEAR RYE PATCH, NV

LOCATION.--Lat 40°28'00", long 118°18'20", in SE $^1/_4$ NE $^1/_4$ sec.18, T.30 N., R.33 E., Pershing County, Hydrologic Unit 16040108, on left bank, 1,000 ft downstream from Rye Patch Dam, and 1.5 mi northwest of Rye Patch.

DRAINAGE AREA.--16,100 mi^2, approximately.

PERIOD OF RECORD.--January 1896 to June 1898, June 1899 to December 1909, September 1910 to June 1917, September 1917 to September 1922, September 1924 to September 1930 (fragmentary), October 1930 to September 1932, October 1935 to September 1941, October 1943 to current year. Monthly discharge only for some periods published in WSP 1314. Prior to October 1935, published as "near Oreana."

REVISED RECORDS.--WSP 1714: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 4,063.53 ft, above sea level (levels by Bureau of Reclamation). Prior to October 1, 1935, water-stage recorder or nonrecording gages at several sites about 7 mi downstream at different datum. October 1, 1935, to October 13, 1945, water-stage recorder at site 0.5 mi upstream at different datum. October 14, 1945, to April 9, 1991, water-stage recorder at site 75 ft downstream at datum 5.00 ft higher.

REMARKS.--No estimated daily discharges. Records poor. Flow regulated by Rye Patch Reservoir (station 10334500) since 1936. Records not adjusted for storage. See schematic diagram of Humboldt River Basin at beginning of Humboldt River Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.14	.28	.18	.08	.08	.22	.36	185	353	337	711	970
2	.13	.29	.17	.07	.08	.28	.32	202	268	310	768	1010
3	.10	.27	.17	.07	.07	.30	.34	217	194	285	844	998
4	.11	.28	.13	.07	.08	.29	.38	206	212	383	928	981
5	.14	.35	.13	.08	.10	.24	.34	199	272	550	1040	955
6	.13	.37	.13	.09	.09	.25	.31	210	318	619	1020	776
7	.14	.28	.13	.07	.10	.28	.33	241	269	658	1060	553
8	.16	.28	.15	.06	.11	.30	56	244	224	736	1030	542
9	.17	.30	.13	.06	.10	.38	119	237	199	749	1030	534
10	.16	.29	.12	.06	.12	.39	93	299	203	918	1040	530
11	.17	.35	.13	.05	.12	.33	106	372	244	1130	1040	528
12	.15	.30	.12	.04	.15	.32	116	363	276	1120	1060	524
13	.13	.30	.09	.05	.16	.37	145	315	228	1120	1110	522
14	.15	.31	.08	.07	.13	.32	147	272	178	1120	1110	529
15	.16	.31	.08	.05	.16	.32	121	273	241	1130	1100	535
16	.16	.26	.08	.07	.12	.34	85	293	205	1130	1090	553
17	.17	.25	.07	.08	.15	.36	91	318	80	1140	1080	563
18	.18	.27	.06	.08	.17	.35	113	292	51	1150	1060	563
19	.19	.25	.06	.05	.23	.37	129	254	70	1150	1050	615
20	.20	.27	.06	.06	.25	.26	123	228	44	1150	1030	752
21	.21	.21	.08	.06	.27	.22	108	219	34	958	1020	799
22	.19	.25	.08	.07	.28	.26	94	194	118	568	1000	833
23	.19	.24	.09	.07	.28	.23	112	219	126	498	992	826
24	.20	.26	.09	.09	.28	.22	141	209	142	371	981	821
25	.23	.24	.09	.09	.26	.17	156	186	190	395	967	814
26	.25	.19	.07	.09	.26	.16	164	209	224	620	953	801
27	.26	.17	.07	.09	.25	.16	185	230	246	589	939	785
28	.23	.18	.07	.07	.24	.15	181	216	252	510	927	795
29	.22	.19	.05	.04	---	.16	169	197	330	521	915	768
30	.23	.17	.07	.08	---	.19	169	229	347	529	901	698
31	.25	---	.07	.07	---	.35	---	338	---	594	890	---
TOTAL	5.50	7.96	3.10	2.13	4.69	8.54	2925.38	7666	6138	23038	30686	21473
MEAN	.18	.27	.10	.069	.17	.28	97.5	247	205	743	990	716
MAX	.26	.37	.18	.09	.28	.39	185	372	353	1150	1110	1010
MIN	.10	.17	.05	.04	.07	.15	.31	185	34	285	711	522
AC-FT	11	16	6.1	4.2	9.3	17	5800	15210	12170	45700	60870	42590

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1896 - 1932, BY WATER YEAR (WY)

MEAN	39.9	42.5	67.4	92.5	163	301	476	527	446	517	159	53.0
MAX	167	192	259	296	672	1319	1757	2692	2113	2003	605	248
(WY)	1908	1908	1900	1914	1914	1901	1907	1897	1897	1899	1899	1907
MIN	.000	.000	.000	.000	.000	16.3	7.83	13.2	.033	.000	.000	.000
(WY)	1931	1931	1931	1931	1931	1920	1920	1905	1920	1920	1931	1931

SUMMARY STATISTICS — WATER YEARS 1896 - 1932

ANNUAL MEAN	228		
HIGHEST ANNUAL MEAN	702		1907
LOWEST ANNUAL MEAN	8.57		1920
HIGHEST DAILY MEAN	3050	May 12	1897
LOWEST DAILY MEAN	.00	Jun 19	1905
ANNUAL SEVEN-DAY MINIMUM	.00	Jun 22	1905
INSTANTANEOUS PEAK FLOW	3050	May 12	1897
INSTANTANEOUS PEAK STAGE	12.0	May 12	1897
ANNUAL RUNOFF (AC-FT)	165100		
10 PERCENT EXCEEDS	681		
50 PERCENT EXCEEDS	90		
90 PERCENT EXCEEDS	4.0		

10335000 HUMBOLDT RIVER NEAR RYE PATCH, NV--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1936 - 1995, BY WATER YEAR (WY)

MEAN	96.0	30.1	36.8	69.1	41.9	152	440	651	537	443	256	150
MAX	263	277	979	1310	1142	2206	3579	6215	4981	1983	990	716
(WY)	1994	1985	1984	1984	1984	1983	1984	1984	1984	1984	1995	1995
MIN	.000	.000	.000	.000	.000	.000	.14	104	22.8	1.54	.42	.12
(WY)	1936	1936	1936	1936	1936	1937	1991	1955	1961	1991	1961	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1936 - 1995	
ANNUAL TOTAL	35089.59		91958.30			
ANNUAL MEAN	96.1		252		243	
HIGHEST ANNUAL MEAN					2004	1984
LOWEST ANNUAL MEAN					29.2	1955
HIGHEST DAILY MEAN	508	Jun 30	1150	Jul 18	7840	May 29 1984
LOWEST DAILY MEAN	.05	Dec 29	.04	Jan 12	.00	Oct 1 1935
ANNUAL SEVEN-DAY MINIMUM	.07	Dec 14	.05	Jan 9	.00	Oct 1 1935
INSTANTANEOUS PEAK FLOW			1200	Jul 21	7960	May 28 1984
INSTANTANEOUS PEAK STAGE			10.40	Jul 21	13.65	May 28 1984
ANNUAL RUNOFF (AC-FT)	69600		182400		176000	
10 PERCENT EXCEEDS	292		956		542	
50 PERCENT EXCEEDS	.53		.36		93	
90 PERCENT EXCEEDS	.14		.08		.10	

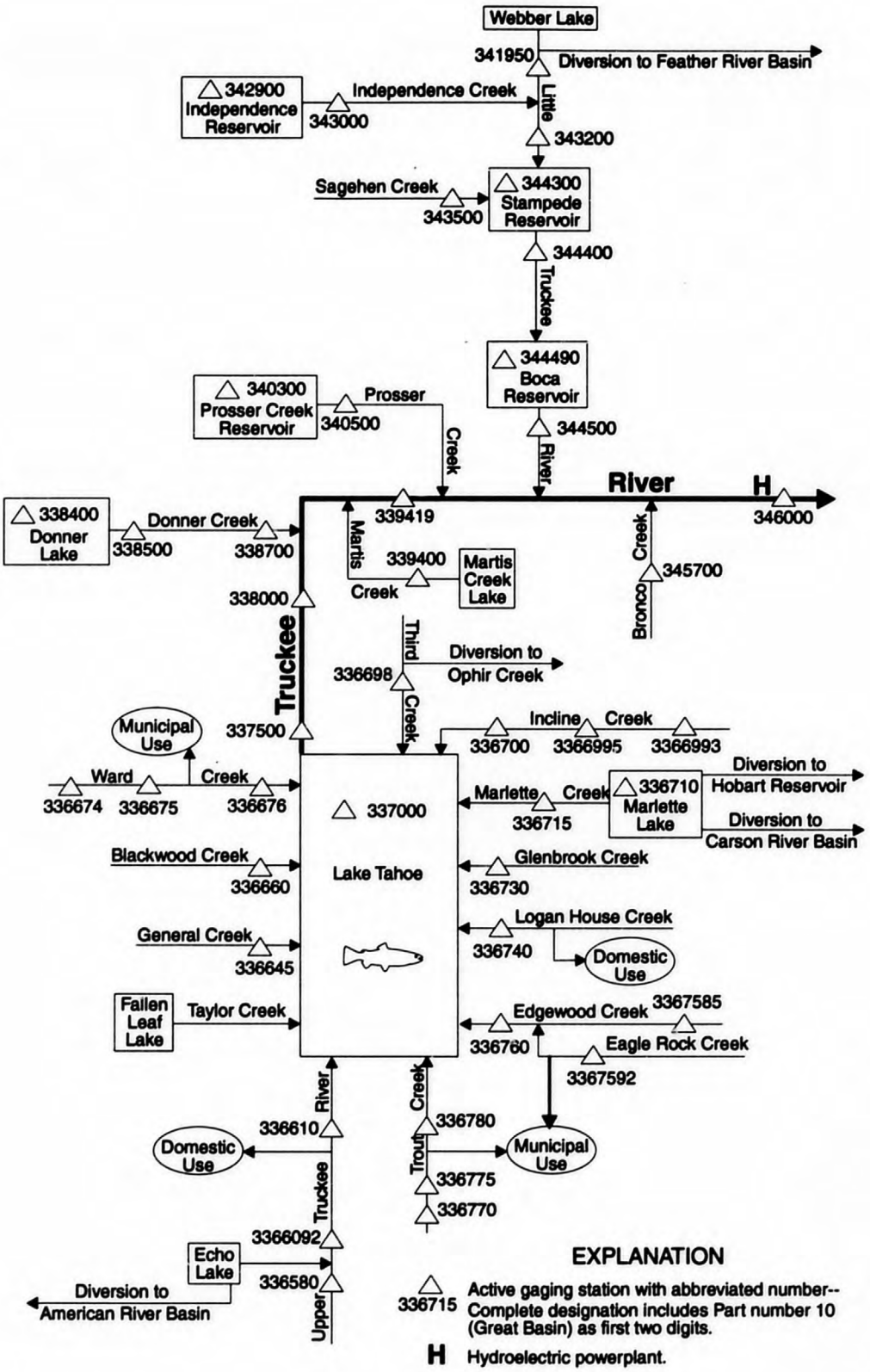


Figure 25. Schematic diagram of flow system and gaging stations in the Pyramid and Winnemucca Lakes Basin upstream of station 346000.

PYRAMID AND WINNEMUCCA LAKES BASIN

10336500 PYRAMID LAKE NEAR NIXON, NV

LOCATION.--Lat 39°59'05", long 119°30'00", in NE $^1/_4$ NW $^1/_4$ sec.3 T.24 N., R.22 E., Washoe County, Hydrologic Unit 16050103, in Pyramid Lake Indian Reservation, 0.25 mi north of the Pyramid, 1.6 mi northeast of Anaho Island, and 13 mi northwest of Nixon.

DRAINAGE AREA.--2,730 mi^2.

PERIOD OF RECORD.--1867-1925 (occasional elevations in some years), June 1926 to current year (occasional elevations in each year).

REVISED RECORDS.--WSP 880: 1934-38 (bench mark). WSP 1090: 1926 (M). WDR NV-67-1: 1966.

GAGE.--Nonrecording gage. Datum of gage is 3,940.29 ft, above sea level (U.S. Coast and Geodetic Survey Bench Mark N-21), supplementary adjustment of 1956. Prior to January 1934, elevations were determined from Bench Mark No. 1 of General Lake Office using elevation of 3,882.26 ft, adjustment of 1912; to convert these records to present datum, add 0.81 ft. January 1934 to September 1955, elevations were determined from Bench Mark N-21 using elevations of 3,940.04 ft, datum of 1929; to convert these records to present datum, add 0.25 ft. October 1955 to August 1968, nonrecording gages along southwest lake shore at present datum, September 1986 to current year, nonrecording gage along east lake shore near the Pyramid.

REMARKS.--Truckee Canal diverts water out of the basin to Lahontan Reservoir (station 10312100). Elevations are given to the nearest 0.1 ft and contents to four significant figures to reflect trends of change. Any single observation, however, may be affected by wind and seiche movements on the lake surface. Elevations published in WSP 1314 for 1867 and 1871 (3,875.9 and 3,884.9 ft, respectively) have been revised to 3,867 and 3,876 ft, respectively, on the basis the data and conclusions of Hardman and Venstrom (American Geophysical Union Transactions, 1941, p. 71-90), and Harding (University of California Archives Report 16, 1965). See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 3,877.9 ft in 1891 (see REMARKS paragraph); minimum observed, 3,783.9 ft, February 6, and March 6, 1967.

EXTREMES FOR CURRENT YEAR.--Maximum contents observed, 21,380,000 acre-ft, July 31, elevation 3,796.9 ft; minimum contents observed, 20,970,000 acre-ft, January 3, elevation, 3,793.2 ft.

MONTHEND ELEVATION AND CONTENTS, IN FEET ABOVE SEA LEVEL, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
September 30	3,794.1	21,070,000	--
October 31	3,793.6	21,020,000	-50,000
November 30	3,793.3	20,980,000	-40,000
December 31	3,793.2	20,970,000	-10,000
CALENDAR YEAR 1994	--	--	-270,000
January 31	3,793.2	20,970,000	0
February 28	3,793.2	20,970,000	0
March 31	3,793.8	21,040,000	+70,000
April 30	3,794.4	21,100,000	+60,000
May 31	3,795.4	21,210,000	+110,000
June 30	3,796.5	21,330,000	+120,000
July 31	3,796.9	21,380,000	+50,000
August 31	3,796.6	21,340,000	-40,000
September 30	3,796.2	21,300,000	-40,000
WATER YEAR 1995	--	--	+230,000

NOTE.--Monthend elevations are interpolated from readings made during the year.

10336580 UPPER TRUCKEE RIVER AT SOUTH UPPER TRUCKEE ROAD NEAR MEYERS, CA

LOCATION.--Lat 38°47'47", long 120°01'05", in NW $^1/_4$ SW $^1/_4$ sec.17, T.11 N., R.18 E., El Dorado County, Hydrologic Unit 16050101, on left bank, 0.25 mi upstream from bridge, 0.5 mi upstream of confluence of Big Meadow and Grass Lake Creeks, 0.5 mi west of State Highway 89, and 4.0 mi south of Meyers, Calif.

DRAINAGE AREA.--14.1 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1990 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,490 ft above sea level, from topographic map. Prior to October 1, 1991, at site 1,200 ft downstream at datum 2.54 higher.

REMARKS.--Records good except for estimated daily discharges, which are poor. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	3.0	e4.5	5.4	30	17	27	289	366	367	88	14
2	1.4	3.7	5.7	4.0	27	17	26	156	365	355	82	14
3	1.4	3.0	5.8	5.1	18	18	27	104	338	373	78	15
4	2.1	3.2	5.8	8.1	16	12	35	93	392	348	76	15
5	2.9	15	5.4	12	14	14	42	81	393	360	73	13
6	2.6	27	5.4	10	14	11	46	71	319	405	70	12
7	2.4	7.0	e5.2	10	15	10	45	64	229	404	68	12
8	2.2	4.6	e5.0	7.1	14	12	43	67	188	398	63	11
9	2.2	4.9	e4.9	10	13	107	37	78	198	373	58	11
10	2.1	8.2	e5.4	34	9.3	124	33	83	285	306	57	11
11	2.1	4.5	e5.4	17	9.7	76	35	98	374	258	54	11
12	2.1	3.4	e6.4	13	10	53	42	89	397	205	50	9.9
13	2.1	e3.4	e5.7	30	12	45	49	74	396	178	48	9.3
14	2.2	e3.4	e5.6	49	8.0	48	44	69	389	175	47	8.8
15	2.4	e3.4	e5.6	29	5.4	48	39	61	307	184	46	8.2
16	2.2	e3.4	e5.2	10	5.6	45	34	59	221	187	45	7.8
17	2.2	e9.4	e5.0	5.4	6.2	38	30	66	210	171	45	7.7
18	2.2	e5.4	e5.0	7.1	8.4	66	28	87	275	162	40	7.2
19	2.2	e4.1	e5.0	4.9	8.7	70	26	117	281	160	36	7.2
20	2.2	e3.9	e5.0	6.2	11	62	25	148	260	153	34	7.4
21	2.2	e3.7	e4.7	5.6	14	56	23	172	269	145	34	7.4
22	2.2	e3.5	e4.7	8.5	15	50	22	170	315	133	34	7.5
23	2.2	e3.4	e4.5	8.5	16	50	26	158	365	124	33	7.1
24	2.3	e3.4	e4.5	8.0	18	39	40	147	414	119	30	6.9
25	2.4	e6.8	e4.5	8.0	20	34	58	140	438	114	26	6.9
26	2.4	e6.9	e4.6	7.7	20	31	65	182	e400	108	23	6.6
27	2.4	e5.4	e4.6	7.9	19	28	74	199	e380	110	21	6.5
28	2.3	e5.0	e4.9	7.9	18	26	79	216	e365	125	18	6.3
29	2.3	e4.7	e4.5	8.5	---	24	125	251	e350	132	17	6.1
30	2.4	e4.5	e4.6	9.6	---	24	137	287	383	106	15	6.0
31	2.4	---	e5.0	20	---	24	---	308	---	95	15	---
TOTAL	68.1	171.2	158.1	377.5	395.3	1279	1362	4184	9862	6833	1424	279.8
MEAN	2.20	5.71	5.10	12.2	14.1	41.3	45.4	135	329	220	45.9	9.33
MAX	2.9	27	6.4	49	30	124	137	308	438	405	88	15
MIN	1.4	3.0	4.5	4.0	5.4	10	22	59	188	95	15	6.0
AC-FT	135	340	314	749	784	2540	2700	8300	19560	13550	2820	555

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1995, BY WATER YEAR (WY)

MEAN	2.76	4.45	3.60	5.32	7.18	18.8	42.2	110	111	51.3	11.0	3.29
MAX	4.74	7.15	5.10	12.2	14.1	41.3	58.4	213	329	220	45.9	9.33
(WY)	1994	1992	1995	1995	1995	1995	1992	1993	1995	1995	1995	1995
MIN	2.12	2.13	1.69	1.57	3.06	6.64	15.1	51.2	12.1	3.40	1.64	1.30
(WY)	1993	1991	1991	1991	1991	1991	1991	1992	1992	1994	1994	1991

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1990 - 1995	
ANNUAL TOTAL	5174.0		26394.0			
ANNUAL MEAN	14.2		72.3		33.0	
HIGHEST ANNUAL MEAN					72.3	1995
LOWEST ANNUAL MEAN					14.1	1994
HIGHEST DAILY MEAN	118	May 11	438	Jun 25	438	Jun 25 1995
LOWEST DAILY MEAN	1.3	Aug 25	1.4	Oct 1	.76	Sep 1 1990
ANNUAL SEVEN-DAY MINIMUM	1.3	Aug 25	2.0	Oct 1	.97	Aug 29 1990
INSTANTANEOUS PEAK FLOW			549	Jul 8	549	Jul 8 1995
INSTANTANEOUS PEAK STAGE			9.17	Jul 8	9.17	Jul 8 1995
ANNUAL RUNOFF (AC-FT)	10260		52350		23880	
10 PERCENT EXCEEDS	49		271		85	
50 PERCENT EXCEEDS	4.2		19		5.6	
90 PERCENT EXCEEDS	1.5		3.4		1.7	

e Estimated

10336580 UPPER TRUCKEE RIVER AT SOUTH UPPER TRUCKEE ROAD NEAR MEYERS, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1990 to current year.

REMARKS.--In November 1989, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
OCT									
05...	1420	3.0	--	--	9.5	6.0	--	--	--
19...	1230	2.2	61	--	11.5	3.5	--	--	--
NOV									
06...	1530	14	27	--	5.0	2.5	--	--	--
15...	1210	3.6	--	--	0.5	1.5	--	--	--
DEC									
29...	1515	5.3	38	--	1.0	1.0	--	--	--
JAN									
30...	1345	8.7	35	7.3	5.0	2.5	603	11.4	106
FEB									
06...	1205	16	29	--	2.0	2.0	--	--	--
27...	1350	18	28	--	9.0	2.5	--	--	--
MAR									
10...	0940	125	22	--	3.0	1.0	--	--	--
10...	1330	124	23	--	1.0	1.0	--	--	--
13...	1815	53	27	--	2.5	2.0	--	--	--
14...	1245	44	32	--	7.0	3.0	--	--	--
27...	1500	20	30	8.4	2.0	1.5	601	11.0	100
APR									
26...	1545	59	22	--	12.0	4.0	--	--	--
28...	1510	70	22	--	5.0	2.5	--	--	--
30...	1615	113	20	--	10.0	3.0	--	--	--
MAY									
02...	1307	140	17	--	7.0	3.0	--	--	--
02...	1530	133	19	--	7.5	3.5	--	--	--
09...	1610	75	23	7.3	10.0	4.0	599	10.5	102
18...	1820	92	23	--	10.0	4.0	--	--	--
23...	1550	140	19	--	10.0	3.5	--	--	--
31...	1630	327	18	--	17.0	4.0	--	--	--
JUN									
01...	1700	354	17	--	10.0	2.5	--	--	--
02...	1630	329	19	--	19.0	4.0	--	--	--
14...	1630	279	18	7.3	15.0	3.5	595	11.3	109
23...	1740	342	17	--	22.0	5.5	--	--	--
26...	1100	346	--	--	27.5	5.0	--	--	--
28...	1510	279	18	--	23.0	7.5	--	--	--
JUL									
06...	1450	381	18	--	24.5	9.0	--	--	--
17...	1400	178	21	7.4	18.5	8.0	602	9.6	103
18...	1319	143	--	--	20.0	8.5	--	--	--
AUG									
02...	1350	81	23	--	25.0	10.5	--	--	--
29...	1430	17	32	7.5	23.0	11.0	602	9.0	104
SEP									
15...	1400	8.2	37	--	23.5	11.5	--	--	--

10336580 UPPER TRUCKEE RIVER AT SOUTH UPPER TRUCKEE ROAD NEAR MEYERS, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	IRON, BIO. REACTIVE TOTAL (UG/L AS FE) (46568)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)
OCT									
05...	--	--	--	--	--	--	--	--	--
19...	0.003	<0.001	0.07	0.025	0.023	0.015	232	1	0.01
NOV									
06...	0.008	<0.001	0.29	0.031	0.019	0.005	253	4	0.15
15...	--	--	--	--	--	--	--	--	--
DEC									
29...	0.017	<0.001	0.14	0.022	0.022	0.008	193	<1	--
JAN									
30...	0.010	0.001	0.13	0.013	0.014	0.007	163	<1	--
FEB									
06...	--	--	--	--	--	--	--	--	--
27...	0.008	0.002	0.08	0.029	0.010	0.004	125	1	0.05
MAR									
10...	--	--	--	--	--	--	--	--	--
10...	0.008	0.001	0.13	0.022	0.014	0.007	323	8	2.7
13...	0.004	0.001	0.17	0.017	0.012	0.005	211	5	0.72
14...	--	--	--	--	--	--	--	--	--
27...	0.009	0.001	0.17	0.031	0.015	0.005	130	2	0.11
APR									
26...	0.008	0.001	0.12	0.013	0.010	0.004	152	2	0.32
28...	0.009	<0.001	0.11	0.012	0.009	0.002	103	2	0.38
30...	0.009	<0.001	0.16	0.016	0.009	0.003	156	5	1.5
MAY									
02...	--	--	--	--	--	--	--	--	--
02...	0.011	<0.001	0.17	0.016	0.011	0.003	150	3	1.1
09...	0.009	<0.001	0.08	0.016	0.009	0.004	101	3	0.61
18...	0.012	0.001	0.08	0.018	0.014	0.005	--	10	2.5
23...	0.012	<0.001	0.03	0.019	0.013	0.005	98	4	1.5
31...	0.018	<0.001	0.14	0.030	0.012	0.007	290	22	19
JUN									
01...	0.025	<0.001	0.02	0.051	0.014	0.007	427	26	25
02...	0.022	<0.001	0.13	0.035	0.015	0.007	420	25	22
14...	0.008	<0.001	0.09	0.027	0.015	0.005	190	10	7.5
23...	0.007	0.001	0.17	0.039	0.014	0.004	397	30	28
26...	--	--	--	--	--	--	--	--	--
28...	0.003	<0.001	0.12	0.030	0.016	0.005	334	15	11
JUL									
06...	0.008	0.001	0.09	0.028	0.019	0.006	232	14	14
17...	0.003	0.001	0.11	0.032	0.018	0.009	103	3	1.4
18...	--	--	--	--	--	--	--	--	--
AUG									
02...	0.005	0.001	0.06	0.029	0.019	0.009	138	4	0.87
29...	0.014	0.001	0.06	0.028	0.027	0.015	114	2	0.09
SEP									
15...	0.019	0.004	0.05	0.034	0.030	0.017	110	<1	--

PYRAMID AND WINNEMUCCA LAKES BASIN

103366092 UPPER TRUCKEE RIVER AT HIGHWAY 50 ABOVE MEYERS, CA

LOCATION.--Lat 38°50'55", long 120°01'34", in NE $^1/_4$ NE $^1/_4$ sec.31, T.12 N., R.18 E., El Dorado County, Hydrologic Unit 16050101, on left bank, 500 ft downstream of U.S. Highway 50 bridge, 1 mi southwest of Meyers, and 7.5 mi upstream of Lake Tahoe.

DRAINAGE AREA.--34.3 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1990 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,310 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.1	3.8	15	e14	63	55	77	822	780	799	155	32
2	3.0	4.9	16	13	67	56	76	598	810	775	147	31
3	3.1	3.7	20	13	58	73	80	407	774	802	140	32
4	4.2	3.4	23	12	53	62	94	332	828	770	136	33
5	5.0	17	21	16	51	56	109	279	828	743	132	42
6	4.4	49	20	20	49	50	120	229	656	805	127	46
7	4.0	24	18	30	47	47	144	200	491	835	120	41
8	4.1	18	18	28	45	46	132	199	393	750	105	38
9	3.7	15	17	41	42	258	110	217	385	752	94	34
10	3.2	16	16	95	40	402	99	230	532	678	98	31
11	3.2	16	16	66	39	271	101	266	713	593	90	40
12	3.5	14	19	50	38	181	119	252	809	490	82	43
13	3.0	12	20	84	38	159	148	218	843	403	77	35
14	3.2	12	18	125	41	172	125	202	847	361	69	40
15	3.3	12	18	88	39	166	110	182	738	336	62	42
16	3.2	12	17	61	35	147	100	171	555	352	62	34
17	3.0	e14	16	51	33	127	91	186	473	364	62	29
18	3.0	e15	16	39	32	195	85	227	550	340	57	26
19	3.0	17	16	34	32	207	81	280	608	319	53	34
20	3.0	16	16	30	35	206	82	346	569	302	52	37
21	3.0	14	15	28	39	181	78	412	556	286	55	38
22	3.2	13	15	27	43	150	77	442	649	264	57	35
23	3.3	12	15	26	46	148	84	412	763	245	57	28
24	3.2	12	16	27	50	123	107	379	918	222	57	24
25	3.2	e14	16	27	54	102	152	363	1040	203	53	39
26	3.3	e18	16	27	56	90	177	421	e936	190	47	40
27	3.2	20	16	31	55	82	218	474	e860	192	44	38
28	3.3	18	17	31	54	77	257	492	e820	212	41	43
29	3.2	17	15	29	---	73	384	552	e780	245	37	62
30	3.5	15	15	32	---	71	448	618	753	212	35	57
31	3.5	---	17	47	---	73	---	681	---	174	34	---
TOTAL	105.1	447.8	529	1242	1274	4106	4065	11089	21257	14014	2437	1124
MEAN	3.39	14.9	17.1	40.1	45.5	132	135	358	709	452	78.6	37.5
MAX	5.0	49	23	125	67	402	448	822	1040	835	155	62
MIN	3.0	3.4	15	12	32	46	76	171	385	174	34	24
AC-FT	208	888	1050	2460	2530	8140	8060	22000	42160	27800	4830	2230

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1995, BY WATER YEAR (WY)

MEAN	5.87	9.01	9.06	15.7	22.2	62.6	106	255	222	102	20.4	11.6
MAX	8.77	14.9	17.1	40.1	45.5	132	139	569	709	452	78.6	37.5
(WY)	1994	1995	1995	1995	1995	1995	1993	1993	1995	1995	1995	1995
MIN	3.39	3.33	3.15	4.37	6.69	28.2	47.2	85.0	20.4	4.81	2.28	2.50
(WY)	1995	1991	1991	1991	1991	1994	1991	1992	1992	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1990 - 1995	
ANNUAL TOTAL	9840.1		61689.9			
ANNUAL MEAN	27.0		169		74.6	
HIGHEST ANNUAL MEAN					169	1995
LOWEST ANNUAL MEAN					26.1	1994
HIGHEST DAILY MEAN	196	Apr 20	1040	Jun 25	1110	May 19 1993
LOWEST DAILY MEAN	2.1	Aug 14	3.0	Oct 2	1.2	Dec 22 1990
ANNUAL SEVEN-DAY MINIMUM	2.1	Aug 26	3.1	Oct 16	1.8	Dec 20 1990
INSTANTANEOUS PEAK FLOW			1230	Jun 25	1600	May 18 1993
INSTANTANEOUS PEAK STAGE			5.32	Jun 4	5.32	Jun 4 1995
ANNUAL RUNOFF (AC-FT)	19520		122400		54010	
10 PERCENT EXCEEDS	74		579		186	
50 PERCENT EXCEEDS	12		55		16	
90 PERCENT EXCEEDS	2.3		12		3.2	

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

103366092 UPPER TRUCKEE RIVER AT HIGHWAY 50 ABOVE MEYERS, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1990 to current year.

REMARKS.--In November 1989, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
OCT									
06...	1020	5.0	--	--	2.0	5.5	--	--	--
19...	1110	3.0	110	--	9.0	5.0	--	--	--
NOV									
06...	1450	53	50	--	6.0	4.5	--	--	--
15...	1020	12	--	--	4.0	1.5	--	--	--
DEC									
19...	1028	16	--	--	1.5	0.5	--	--	--
29...	1400	14	58	--	1.0	1.0	--	--	--
JAN									
14...	1500	100	48	--	1.0	1.0	--	--	--
30...	1245	34	69	7.2	7.0	3.0	607	11.2	105
FEB									
06...	0955	51	66	--	-2.0	1.5	--	--	--
27...	1300	58	64	--	9.0	4.0	--	--	--
MAR									
10...	1230	418	50	--	1.0	1.0	--	--	--
14...	0920	161	--	--	6.0	3.0	--	--	--
14...	1200	154	57	--	8.0	4.5	--	--	--
27...	1350	70	76	--	3.0	4.0	606	10.2	98
APR									
26...	1450	166	54	--	14.0	6.5	--	--	--
28...	1410	233	58	--	4.5	4.0	--	--	--
30...	1445	402	45	--	9.0	5.0	--	--	--
MAY									
02...	1430	532	38	--	9.5	5.0	--	--	--
04...	1020	326	35	--	12.0	3.0	--	--	--
09...	1500	218	5[illegible]	7.2	8.0	6.0	604	10.0	102
18...	1730	247	[illegible]	--	13.5	7.5	--	--	--
23...	1430	431	36	--	13.5	7.0	--	--	--
31...	1520	647	27	--	20.0	7.0	--	--	--
JUN									
02...	1130	758	22	--	16.0	7.0	--	--	--
02...	1515	714	25	--	18.0	6.5	--	--	--
14...	1530	672	23	7.3	13.0	5.5	599	10.1	102
26...	1255	936	--	--	27.0	5.5	--	--	--
28...	1400	619	22	--	23.0	8.0	--	--	--
JUL									
06...	1400	539	22	--	24.5	10.0	--	--	--
17...	1300	313	25	7.4	20.0	9.0	606	9.5	103
AUG									
02...	1230	141	29	--	24.0	13.0	--	--	--
28...	1000	44	52	--	15.0	8.5	--	--	--
29...	1340	40	49	7.4	22.0	12.5	605	8.5	101
SEP									
15...	1250	45	37	--	23.5	14.5	--	--	--

103366092 UPPER TRUCKEE RIVER AT HIGHWAY 50 ABOVE MEYERS, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
OCT									
06...	--	--	--	--	--	--	--	--	--
19...	0.010	<0.001	0.06	0.013	0.010	0.004	263	1	0.01
NOV									
06...	0.023	<0.001	0.34	0.041	0.015	0.006	518	12	1.7
15...	--	--	--	--	--	--	--	--	--
DEC									
19...	--	--	--	--	--	--	--	--	--
29...	0.009	<0.001	0.06	0.014	0.015	0.002	162	0	0.0
JAN									
14...	0.023	0.001	0.20	0.026	0.009	0.002	485	10	2.7
30...	0.013	0.001	0.13	0.009	0.009	0.003	213	2	0.18
FEB									
06...	--	--	--	--	--	--	--	--	--
27...	0.009	0.003	0.11	0.025	0.007	0.002	149	<1	--
MAR									
10...	0.018	0.004	0.31	0.046	0.016	0.009	1110	49	55
14...	--	--	--	--	--	--	--	--	--
14...	0.018	0.001	0.15	0.014	0.009	0.004	158	5	2.1
27...	0.029	<0.001	0.10	0.016	0.014	0.004	173	2	0.38
APR									
26...	0.012	0.002	0.20	0.015	0.011	0.003	364	5	2.2
28...	0.016	0.007	0.23	0.015	0.009	0.002	213	6	3.8
30...	0.015	<0.001	0.18	0.023	0.011	0.002	277	19	21
MAY									
02...	0.017	<0.001	0.27	0.017	0.011	0.003	189	15	22
04...	--	--	--	--	--	--	--	--	--
09...	0.011	0.001	0.09	0.018	0.011	0.003	181	5	2.9
18...	0.012	0.001	0.08	0.017	0.011	0.003	--	6	4.0
23...	0.007	<0.001	0.08	0.018	0.013	0.003	154	10	12
31...	0.014	<0.001	0.16	0.033	0.010	0.005	303	25	44
JUN									
02...	--	--	--	--	--	--	--	--	--
02...	0.021	<0.001	0.27	0.031	0.012	0.005	302	42	81
14...	0.012	<0.001	0.14	0.062	0.015	0.004	406	38	69
26...	--	--	--	--	--	--	--	--	--
28...	0.010	<0.001	0.08	0.045	0.016	0.004	441	25	42
JUL									
06...	0.009	0.003	0.12	0.019	0.015	0.004	160	14	20
17...	0.007	<0.001	0.09	0.033	0.014	0.006	168	8	6.8
AUG									
02...	0.010	0.001	0.08	0.023	0.013	0.004	186	3	1.1
28...	--	--	--	--	--	--	--	--	--
29...	0.015	0.002	0.07	0.024	0.020	0.007	151	2	0.21
SEP									
15...	0.012	0.003	0.07	0.015	0.015	0.004	106	1	0.12

385521119592201 CULVERT-HWY 50 RUNOFF INTO UPPER TRUCKEE-RIGHT BANK, DOWNSTREAM HIGHWAY 50, NV

LOCATION.--Lat 38°55'21", long 119°59'22", in NW $^1/_4$ SE $^1/_4$ sec.4, T.12 N., R.18 E., El Dorado County, Hydrologic Unit 16050101, on right bank, downstream side U.S. Highway 50, 1.0 mi northeast of South Lake Tahoe post office, 1.5 mi upstream from Lake Tahoe.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--January 1995.

REMARKS.--In January 1995, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)
JAN												
10...	1520	0.10	166	1.0	2.0	0.019	0.056	8.8	0.542	0.084	0.051	10400

PYRAMID AND WINNEMUCCA LAKES BASIN

10336610 UPPER TRUCKEE RIVER AT SOUTH LAKE TAHOE, CA

LOCATION.--Lat 38°55'21", long 119°59'26", in NW $^1/_4$ SE $^1/_4$ sec.4, T.12 N., R.18 E., El Dorado County, Hydrologic Unit 16050101, on left bank, 200 ft downstream from U.S. Highway 50 Bridge, 1.0 mi northeast of South Lake Tahoe Post Office, and 1.4 mi upstream from Lake Tahoe.

DRAINAGE AREA.--54.9 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1971 to September 1974, October 1976 to June 1977, October 1977 to June 1978, March 1980 to current year.

GAGE.--Water-stage recorder. Datum of gage is 6,229.04 ft above sea level. Prior to April 26, 1984, at datum 2.00 ft higher. Prior to October 19, 1993, at site 200 ft upstream at same datum.

REMARKS.--Records fair including estimated periods. Two small dams may cause slight regulation at times. Some small diversions for domestic use upstream from station. Echo Lake conduit diverts from Echo Lake, to South Fork American River basin. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e3.2	e3.7	e22	e15	101	86	132	1180	950	789	165	e48
2	e3.2	e4.0	e25	e15	106	89	132	1010	1080	756	154	e47
3	e5.0	e4.0	e28	e15	88	123	137	587	999	762	146	e46
4	e8.0	e4.0	e31	e15	79	113	150	458	1000	759	141	e45
5	e6.0	e40	e28	e16	74	86	166	382	e1070	694	139	e44
6	e4.0	86	e26	e18	70	76	177	312	876	730	135	e42
7	e3.5	41	e24	e30	67	73	238	267	612	829	126	e42
8	e3.5	30	e23	e40	66	71	221	257	443	750	117	e41
9	e3.5	24	e22	e90	62	503	168	270	385	766	97	e41
10	e3.5	e23	e21	e150	61	901	148	277	494	704	102	e40
11	e3.4	23	e20	e110	59	635	150	319	678	608	97	e40
12	e3.4	20	e20	e150	58	283	167	312	844	513	89	e40
13	e3.4	18	e18	e180	56	253	213	278	889	390	84	e40
14	e3.4	e18	e18	e210	e54	293	179	271	896	351	77	e39
15	e3.4	e18	e17	e160	e52	284	155	262	813	313	68	e39
16	e3.4	e19	e17	e120	e51	233	142	255	611	338	67	e39
17	e3.4	20	e16	e120	49	198	129	259	455	360	69	e38
18	e3.4	e20	e16	e102	50	303	122	289	469	361	e69	e38
19	e3.4	e18	e16	e92	50	317	116	344	560	329	e67	e37
20	e3.4	e16	e15	e71	53	314	120	417	528	308	e65	e37
21	e3.4	e15	e15	e62	59	276	113	500	495	291	e63	e37
22	e3.4	e15	e15	e58	64	209	110	571	552	269	e62	e37
23	e3.4	e15	e15	e53	68	192	117	536	642	247	e61	e38
24	e3.4	e15	e15	e50	74	173	137	525	766	228	e60	e38
25	e3.4	e17	e15	50	81	153	178	445	904	210	e60	e38
26	e3.4	e20	e15	48	83	136	203	488	976	195	e58	e39
27	e3.4	e23	e15	49	81	125	258	589	941	193	e55	e39
28	e3.4	e20	e15	50	81	117	333	581	881	206	e52	35
29	e3.4	e20	e15	49	---	113	458	656	866	236	e51	49
30	e3.4	e20	e15	52	---	112	599	734	731	224	e50	53
31	e3.4	---	e15	75	---	118	---	818	---	188	e49	---
TOTAL	114.8	629.7	588	2315	1897	6958	5668	14449	22406	13897	2695	1226
MEAN	3.70	21.0	19.0	74.7	67.7	224	189	466	747	448	86.9	40.9
MAX	8.0	86	31	210	106	901	599	1180	1080	829	165	53
MIN	3.2	3.7	15	15	49	71	110	255	385	188	49	35
AC-FT	228	1250	1170	4590	3760	13800	11240	28660	44440	27560	5350	2430

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	15.7	42.8	48.5	50.4	65.9	106	159	291	250	90.2	21.5	13.4
MAX	72.1	225	218	165	307	305	300	567	795	448	102	55.3
(WY)	1983	1984	1982	1974	1986	1986	1982	1982	1983	1995	1983	1983
MIN	2.60	7.36	8.07	8.00	10.5	21.2	64.0	55.3	23.5	4.65	1.15	1.39
(WY)	1989	1991	1991	1991	1991	1977	1977	1977	1992	1994	1994	1988

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1972 - 1995	
ANNUAL TOTAL	11482.00		72843.5			
ANNUAL MEAN	31.5		200		98.5	
HIGHEST ANNUAL MEAN					203	1983
LOWEST ANNUAL MEAN					29.2	1988
HIGHEST DAILY MEAN	196	Apr 20	1180	May 1	2010	Feb 16 1982
LOWEST DAILY MEAN	.70	Aug 22	3.2	Oct 1	.70	Aug 22 1994
ANNUAL SEVEN-DAY MINIMUM	.70	Aug 22	3.4	Oct 11	.70	Aug 22 1994
INSTANTANEOUS PEAK FLOW			1460	May 1	2740	Mar 8 1986
INSTANTANEOUS PEAK STAGE			7.38	May 1	10.12	Feb 16 1982
ANNUAL RUNOFF (AC-FT)	22770		144500		71350	
10 PERCENT EXCEEDS	83		621		269	
50 PERCENT EXCEEDS	15		79		37	
90 PERCENT EXCEEDS	1.7		15		6.7	

e Estimated

10336610 UPPER TRUCKEE RIVER AT SOUTH LAKE TAHOE, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1972-74, 1978, 1980 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: March 1981 to September 1983.
WATER TEMPERATURE: October 1971 to June 1974, October 1977 to June 1978, March 1980 to September 1992.
SUSPENDED-SEDIMENT DISCHARGE: October 1971 to June 1974, October 1977 to June 1978, March 1980 to September 1992.

REMARKS.--In October 1992, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. In May 1994, station was incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Pyramid and Winnemucca Lakes Basin.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
OCT									
19...	1010	3.4	116	--	7.0	4.5	--	--	--
NOV									
06...	1340	100	73	--	7.5	5.0	--	--	--
DEC									
22...	1415	15	80	--	3.0	0.5	--	--	--
JAN									
09...	1550	90	68	--	3.0	0.5	--	--	--
10...	1500	150	56	--	1.0	0.5	--	--	--
13...	2020	180	59	--	2.0	0.5	--	--	--
14...	1350	210	55	--	1.5	0.5	--	--	--
26...	1530	47	82	7.9	0.0	1.0	600	10.9	98
31...	1700	83	83	--	5.0	6.0	--	--	--
FEB									
01...	1300	97	74	--	4.0	10.0	--	--	--
27...	1120	80	75	--	9.0	3.0	--	--	--
MAR									
09...	1800	802	44	--	2.5	1.0	--	--	--
13...	1615	262	64	--	4.0	4.5	--	--	--
20...	1130	329	60	--	3.0	3.0	--	--	--
27...	1115	130	78	8.4	2.0	1.5	--	--	--
APR									
05...	1150	153	78	--	12.0	4.0	--	--	--
26...	1330	199	57	--	15.0	5.0	--	--	--
27...	1850	318	60	--	4.5	4.0	--	--	--
28...	1255	308	55	--	6.0	5.0	--	--	--
29...	1430	413	52	--	8.0	5.0	--	--	--
30...	1330	536	43	--	13.0	7.0	--	--	--
MAY									
02...	1320	916	36	--	8.5	5.0	--	--	--
04...	1230	457	45	--	9.5	5.5	--	--	--
09...	1340	268	51	7.3	11.0	5.5	605	10.2	102
18...	1610	274	52	--	15.5	10.0	--	--	--
23...	1310	528	36	--	13.0	7.0	--	--	--
31...	1320	848	28	--	16.0	9.5	--	--	--
JUN									
02...	1320	1110	25	--	18.0	9.0	--	--	--
14...	1330	902	24	7.2	12.5	8.5	600	9.7	105
28...	1100	973	22	--	20.0	10.0	--	--	--
JUL									
06...	1250	757	23	--	24.0	11.0	--	--	--
17...	1110	335	25	7.3	19.5	10.0	608	9.7	108
AUG									
02...	1050	135	31	--	20.5	13.0	--	--	--
29...	1210	37	54	7.3	21.5	13.0	607	8.3	100
SEP									
15...	1110	41	40	--	20.5	13.5	--	--	--

10336610 UPPER TRUCKEE RIVER AT SOUTH LAKE TAHOE, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
OCT									
19...	0.005	<0.001	0.10	0.016	0.011	0.003	325	2	0.02
NOV									
06...	0.035	0.002	0.49	0.088	0.021	0.006	1080	44	12
DEC									
22...	0.010	<0.001	0.14	0.023	0.017	0.004	371	2	0.08
JAN									
09...	0.023	0.005	0.73	0.055	0.014	0.003	975	37	9.0
10...	0.028	0.003	0.51	0.090	0.023	0.004	1690	61	25
13...	0.037	<0.001	0.39	0.076	0.017	0.010	1710	68	33
14...	0.036	<0.001	0.39	0.121	0.019	0.010	1880	93	53
26...	0.030	0.001	0.15	0.021	0.014	0.006	550	9	1.1
31...	0.012	<0.001	0.55	0.056	0.015	0.007	999	35	7.9
FEB									
01...	0.021	<0.001	0.25	0.028	0.014	0.006	554	23	6.0
27...	0.013	0.004	0.16	0.031	0.009	0.003	442	4	0.86
MAR									
09...	0.026	0.001	1.2	0.211	0.027	0.017	4210	269	582
13...	0.026	0.005	0.26	0.052	0.014	0.009	717	31	22
20...	0.037	0.001	0.34	0.050	0.021	0.009	523	26	23
27...	0.046	0.004	0.12	0.028	0.016	0.005	348	10	3.5
APR									
05...	0.028	<0.001	0.18	0.028	0.017	0.006	542	12	5.0
26...	0.015	0.001	0.15	0.025	0.013	0.004	342	13	7.0
27...	0.010	<0.001	0.38	0.077	0.015	0.003	1340	59	51
28...	0.019	<0.001	0.18	0.025	0.014	0.003	315	34	28
29...	0.013	<0.001	0.26	0.045	0.017	0.005	624	28	31
30...	0.010	<0.001	0.27	0.050	0.018	0.005	1180	60	87
MAY									
02...	0.014	<0.001	0.25	0.046	0.014	0.004	913	28	69
04...	0.009	<0.001	0.14	0.032	0.012	0.002	673	20	25
09...	0.016	<0.001	0.14	0.024	0.011	0.004	275	10	7.2
18...	0.014	0.001	0.14	0.023	0.016	0.005	--	7	5.2
23...	0.004	<0.001	0.10	0.026	0.014	0.004	294	13	19
31...	0.003	<0.001	0.20	0.028	0.013	0.007	486	27	62
JUN									
02...	0.012	0.001	0.16	0.041	0.016	0.008	531	27	81
14...	0.005	<0.001	0.18	0.053	0.018	0.005	547	25	61
28...	0.003	<0.001	0.18	0.035	0.019	0.007	495	39	102
JUL									
06...	0.008	0.006	0.22	0.036	0.016	0.006	397	28	57
17...	0.006	<0.001	0.12	0.044	0.016	0.006	458	15	14
AUG									
02...	0.009	0.001	0.13	0.056	0.016	0.006	759	23	8.4
29...	0.002	0.001	0.11	0.021	0.025	0.005	203	3	0.30
SEP									
15...	0.009	0.001	0.08	0.021	0.014	0.004	200	3	0.33

PYRAMID AND WINNEMUCCA LAKES BASIN

10336645 GENERAL CREEK NEAR MEEKS BAY, CA

LOCATION.--Lat 39°03'07", long 120°07'03", in NE $^1/_4$ NE $^1/_4$ sec.20, T.14 N., R.17 E., El Dorado County, Hydrologic Unit 16050101, on right bank, 200 ft upstream from State Highway 89, 0.4 mi upstream from Lake Tahoe, and 1.1 mi north of Meeks Bay.

DRAINAGE AREA.--7.44 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1980 to current year.

GAGE.--Water-stage recorder. Datum of gage is 6,250.38 ft above sea level.

REMARKS.--Records good except for estimated daily discharges and discharges less than 0.5 ft^3/s, which are fair. No known diversion or regulation upstream from station. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	1.0	e.90	1.6	20	14	21	269	181	97	5.1	e1.6
2	.97	1.3	e.90	1 8	23	14	21	176	139	85	4.8	e1.6
3	.98	1.1	1.3	1.8	18	16	21	127	156	82	4.4	e1.6
4	1.4	1.1	1.8	2.0	16	15	23	94	175	71	4.1	e1.6
5	1.4	3.5	1.6	2.7	16	13	28	69	153	67	3.8	e1.5
6	1.1	2.9	1.4	2.9	15	12	33	56	90	64	3.6	e1.5
7	.87	1.2	1.2	5.5	14	11	38	51	59	58	3.3	e1.5
8	.83	.88	1.2	5.2	12	11	42	52	49	53	3.1	e1.5
9	.77	.76	e1.2	7.8	11	55	32	58	57	45	2.9	e1.5
10	.67	.79	e1.2	18	11	126	27	67	101	40	2.7	e1.5
11	.68	.67	e1.2	39	11	112	27	83	150	34	2.7	e1.4
12	.68	.61	1.2	14	11	71	32	68	158	29	2.6	e1.4
13	.54	.61	1.2	19	10	56	42	54	141	23	2.4	1.4
14	.56	.61	1.2	56	e9.5	51	38	47	149	21	2.3	1.4
15	.63	.61	1.2	46	e9.0	52	32	42	142	21	2.1	1.4
16	.61	.61	1.2	27	8.8	50	28	40	82	20	2.1	1.4
17	.56	e.61	e1.2	18	8.6	41	25	50	63	19	2.1	1.4
18	.58	e.61	e1.2	12	8.4	51	23	70	81	18	1.9	1.3
19	.61	.61	1.2	11	8.1	57	21	94	98	16	1.9	1.2
20	.64	.61	1.2	9.5	8.4	56	20	115	86	14	1.9	1.2
21	.69	.61	1.2	9.4	9.1	53	19	134	85	13	1.9	1.2
22	.69	.61	1.2	9.7	10	54	19	129	105	12	1.9	1.2
23	.68	.61	1.2	9.7	11	82	21	113	129	11	e1.8	1.2
24	.68	.55	1.3	8.8	12	67	29	102	155	9.4	e1.8	1.2
25	.76	e.60	e1.3	8.0	13	48	42	92	161	8.6	e1.8	1.2
26	.77	e.60	1.3	7.7	14	31	49	119	156	7.8	e1.7	1.2
27	.74	e.60	1.3	7.6	14	23	57	138	151	7.4	e1.7	1.2
28	.76	e.60	1.3	7.6	14	21	76	130	133	6.7	e1.7	1.3
29	.80	e.60	1.4	8.2	---	21	123	148	125	6.2	e1.7	1.3
30	.86	e.90	1.5	8.8	---	21	135	163	112	6.1	e1.7	1.2
31	.87	---	1.6	11	---	20	---	181	---	5.6	e1.7	---
TOTAL	24.48	26.97	39.30	397.3	345.9	1325	1144	3131	3622	970.8	79.2	41.1
MEAN	.79	.90	1.27	12.8	12.4	42.7	38.1	101	121	31.3	2.55	1.37
MAX	1.4	3.5	1.8	56	23	126	135	269	181	97	5.1	1.6
MIN	.54	.55	.90	1.6	8.1	11	19	40	49	5.6	1.7	1.2
AC-FT	49	53	78	788	686	2630	2270	6210	7180	1930	157	82

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1980 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	2.33	8.17	8.68	6.52	12.0	18.6	37.4	58.3	34.1	7.23	1.29	1.26
MAX	15.5	45.4	58.7	19.4	64.2	60.1	70.4	114	158	49.6	4.72	4.36
(WY)	1983	1982	1982	1984	1986	1986	1989	1993	1983	1983	1983	1983
MIN	.73	.84	.89	.90	.99	5.86	15.9	7.18	2.23	.49	.35	.39
(WY)	1993	1993	1991	1991	1991	1994	1991	1992	1992	1994	1994	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1980 - 1995	
ANNUAL TOTAL	2113.50		11147.05			
ANNUAL MEAN	5.79		30.5		16.3	
HIGHEST ANNUAL MEAN					34.7	1982
LOWEST ANNUAL MEAN					4.96	1988
HIGHEST DAILY MEAN	62	Apr 19	269	May 1	588	Dec 20 1981
LOWEST DAILY MEAN	.29	Jul 28	.54	Oct 13	.29	Jul 28 1994
ANNUAL SEVEN-DAY MINIMUM	.31	Aug 15	.58	Oct 13	.31	Aug 15 1994
INSTANTANEOUS PEAK FLOW			331	May 1	765	Dec 20 1981
INSTANTANEOUS PEAK STAGE			3.29	May 1	5.43	Dec 20 1981
ANNUAL RUNOFF (AC-FT)	4190		22110		11820	
10 PERCENT EXCEEDS	18		103		48	
50 PERCENT EXCEEDS	1.2		9.1		2.9	
90 PERCENT EXCEEDS	.39		.76		.72	

e Estimated

10336645 GENERAL CREEK NEAR MEEKS BAY, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1981 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1980 to September 1983.
WATER TEMPERATURE: October 1980 to September 1992.
SUSPENDED-SEDIMENT DISCHARGE: October 1980 to September 1992.

REMARKS.--In October 1992, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)
OCT							
28...	1405	0.78	64	10.0	5.5	0.004	0.001
NOV							
05...	1415	4.8	61	4.5	3.0	0.015	<0.001
05...	2050	4.5	58	3.0	3.0	0.015	0.002
06...	1220	2.7	58	8.0	4.5	0.015	0.002
30...	1135	0.90	58	2.5	0.5	0.009	0.001
DEC							
29...	1540	1.5	47	0.0	1.0	0.006	0.002
JAN							
10...	1330	22	33	1.5	0.0	0.024	0.002
11...	1340	52	30	0.0	0.0	0.024	0.001
13...	1240	18	31	4.0	0.0	0.017	0.001
14...	1640	59	24	-0.5	0.0	0.011	0.001
30...	1630	8.8	31	3.5	2.0	0.004	0.001
FEB							
28...	1455	14	27	6.0	3.0	0.004	0.002
MAR							
09...	1620	80	23	3.0	0.0	0.011	<0.001
09...	2055	102	22	2.0	0.0	0.009	0.000
10...	1310	117	20	2.0	0.0	0.007	0.004
10...	1855	162	20	0.0	0.0	0.006	<0.001
11...	1340	88	21	2.0	0.0	0.006	0.001
APR							
05...	1100	28	26	9.0	2.0	0.005	0.004
26...	1935	187	20	5.0	3.0	0.005	0.001
29...	1610	152	19	5.0	1.0	0.005	<0.001
29...	2055	199	19	2.5	0.0	0.007	0.001
30...	1545	113	18	7.5	2.0	0.005	0.002
MAY							
01...	1150	306	17	6.5	0.0	0.006	0.001
01...	1850	327	16	2.0	0.0	0.006	0.001
02...	1115	154	16	3.5	1.5	0.005	0.002
11...	1505	82	17	7.0	4.5	0.004	<0.001
20...	0745	117	15	2.5	1.0	0.004	<0.001
26...	1520	99	15	14.0	6.0	0.003	<0.001
JUN							
02...	2055	168	13	8.0	4.5	0.003	<0.001
05...	0840	160	12	6.0	2.0	0.003	<0.001
12...	2215	210	10	5.0	3.0	0.003	<0.001
24...	1235	98	11	22.0	5.0	0.005	0.001
27...	1425	97	10	22.0	7.5	0.005	0.001
27...	2220	237	8	11.5	5.5	0.004	0.001
28...	0740	113	9	9.0	3.0	0.005	0.001
JUL							
12...	2100	24	17	6.0	9.0	0.004	0.003
18...	1625	17	20	20.0	13.5	0.005	0.002
27...	1115	7.6	32	20.5	11.5	0.006	0.002
AUG							
08...	1035	3.2	46	14.5	10.5	0.005	0.005
SEP							
06...	1455	1.5	56	22.0	12.5	0.002	0.001
28...	1010	1.3	63	12.0	7.0	0.004	0.005

PYRAMID AND WINNEMUCCA LAKES BASIN

10336645 GENERAL CREEK NEAR MEEKS BAY, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	IRON, BIO. REACTIVE TOTAL (UG/L AS FE) (46568)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)
OCT							
28...	0.10	0.023	0.024	0.017	145	1	<0.01
NOV							
05...	0.37	0.076	0.043	0.024	536	14	0.18
05...	0.41	0.053	0.036	0.020	309	4	0.05
06...	0.51	0.047	0.031	0.014	261	4	0.03
30...	0.09	0.021	0.019	0.013	148	2	<0.01
DEC							
29...	0.10	0.024	0.023	0.009	100	6	0.02
JAN							
10...	0.31	0.031	0.020	0.004	234	10	0.59
11...	0.43	0.041	0.015	0.003	307	7	0.98
13...	0.23	0.028	0.015	0.005	196	8	0.39
14...	0.33	0.032	0.016	0.005	320	16	2.5
30...	0.11	0.011	0.008	0.003	59	4	0.09
FEB							
28...	0.12	0.013	0.007	0.002	45	1	0.04
MAR							
09...	0.42	0.071	0.011	0.006	634	12	2.6
09...	0.51	0.065	0.013	0.005	586	20	5.5
10...	0.40	0.034	0.015	0.005	459	24	7.6
10...	0.32	0.050	0.015	0.006	502	48	21
11...	0.33	0.032	0.011	0.003	209	16	3.8
APR							
05...	0.09	0.011	0.008	0.002	41	2	0.15
26...	0.11	0.012	0.015	0.003	67	7	3.5
29...	0.38	0.043	0.018	0.005	734	44	18
29...	0.39	0.052	0.019	0.006	1410	67	36
30...	0.09	0.016	0.014	0.004	142	10	3.1
MAY							
01...	0.39	0.058	0.016	0.006	1210	148	122
01...	0.29	0.041	0.016	0.007	725	71	63
02...	0.16	0.019	0.011	0.004	221	18	7.5
11...	0.09	0.013	0.011	0.002	61	4	0.89
20...	0.14	0.014	0.010	0.003	--	8	2.5
26...	0.27	0.009	0.009	0.003	58	8	2.1
JUN							
02...	0.14	0.011	0.009	0.002	164	10	4.5
05...	0.10	0.009	0.008	0.001	96	10	4.3
12...	0.16	0.011	0.008	0.002	179	12	6.8
24...	0.10	0.010	0.009	0.002	77	4	1.1
27...	0.12	0.010	0.008	0.001	59	4	1.0
27...	0.08	0.014	0.009	0.001	120	12	7.7
28...	0.09	0.013	0.008	0.001	86	2	0.61
JUL							
12...	0.07	0.013	0.007	0.002	89	4	0.26
18...	0.07	0.023	0.010	0.003	54	2	0.09
27...	0.07	0.031	0.015	0.005	59	1	0.02
AUG							
08...	0.11	0.021	0.018	0.011	150	4	0.03
SEP							
06...	0.08	0.029	0.023	0.014	101	2	0.01
28...	0.07	0.032	0.022	0.015	94	2	0.01

PYRAMID AND WINNEMUCCA LAKES BASIN

10336660 BLACKWOOD CREEK NEAR TAHOE CITY, CA

LOCATION.--Lat 39°06'27", long 120°09'40", in NW $^1/_4$ NE $^1/_4$ sec.36, T.15 N., R.16 E., Placer County, Hydrologic Unit 16050101, on right bank, 300 ft upstream from bridge on State Highway 89, 1,000 ft upstream from Lake Tahoe, and 4.6 mi south of Tahoe City.

DRAINAGE AREA.--11.2 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1960 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 6,234.59 ft above sea level. October 1, 1960, to September 30, 1964, at datum 10.25 ft lower and October 1, 1964, to August 27, 1970, at datum 12 ft lower, at site 400 ft downstream.

REMARKS.--Records good except for estimated daily discharges and June 27 to August 7, which are fair. No known diversion or regulation upstream from station. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	2.8	3.5	e3.5	35	29	36	522	327	258	61	8.1
2	.93	3.4	3.6	e3.5	37	30	37	292	309	244	57	7.6
3	1.2	2.9	e4.5	e3.5	32	32	38	181	305	244	57	7.3
4	2.0	2.8	e5.0	e3.5	29	29	41	153	337	244	50	6.9
5	1.8	6.1	e4.3	e3.5	27	27	46	129	302	249	47	6.3
6	1.1	6.5	e3.8	e4.0	27	26	52	109	199	244	40	5.9
7	1.1	3.5	e3.6	e7.0	25	25	63	99	148	235	39	5.4
8	1.1	2.9	e3.5	e5.0	24	24	65	99	131	206	40	5.1
9	1.0	2.9	e3.5	e12	23	174	53	103	143	191	35	5.1
10	.99	3.0	e3.5	e35	23	218	48	116	189	179	35	4.8
11	.92	e2.4	e3.5	e27	22	142	48	130	254	148	31	4.7
12	.95	e2.3	e3.5	e20	22	88	57	115	276	130	28	4.6
13	.92	e2.2	e3.5	e60	22	75	74	95	260	116	25	4.5
14	.96	e2.1	e3.5	e130	27	87	62	82	252	119	24	4.4
15	1.1	e2.0	e3.5	e45	23	105	55	76	257	123	23	4.0
16	1.2	e2.0	e3.5	e40	19	95	49	74	189	126	22	3.9
17	1.2	e2.0	e3.5	32	19	77	45	87	153	135	21	3.9
18	1.2	e2.0	e3.5	26	18	97	43	113	171	126	19	3.8
19	1.2	e2.1	e3.5	23	18	105	41	148	178	112	17	3.6
20	1.3	e2.1	e3.5	21	18	99	40	190	172	105	16	3.6
21	1.3	e2.1	e3.5	19	20	85	38	215	174	113	17	3.6
22	1.4	e2.1	e3.5	18	21	74	37	217	202	93	16	3.7
23	1.4	e2.1	e3.5	17	24	70	39	207	245	86	15	3.8
24	1.5	e2.1	e3.5	17	27	57	48	188	302	82	15	3.5
25	1.6	e2.1	e3.5	16	30	49	67	164	340	78	14	3.2
26	1.9	e2.1	e3.5	15	31	46	78	194	359	72	12	3.3
27	2.2	e2.1	e3.5	15	31	43	90	225	337	70	11	3.5
28	2.1	e2.1	e3.5	14	30	41	110	232	273	79	11	3.4
29	2.1	e2.1	e3.5	14	---	38	202	252	281	80	9.9	3.6
30	2.2	e2.1	e3.5	15	---	37	216	277	258	74	9.2	3.6
31	2.2	---	e3.5	24	---	36	---	310	---	69	8.6	---
TOTAL	43.37	79.0	112.3	688.5	704	2160	1918	5394	7323	4430	825.7	138.7
MEAN	1.40	2.63	3.62	22.2	25.1	69.7	63.9	174	244	143	26.6	4.62
MAX	2.2	6.5	5.0	130	37	218	216	522	359	258	61	8.1
MIN	.92	2.0	3.5	3.5	18	24	36	74	131	69	8.6	3.2
AC-FT	86	157	223	1370	1400	4280	3800	10700	14530	8790	1640	275
MEAN	5.19	13.4	19.7	21.8	20.5	30.2	59.4	127	100	29.0	5.91	2.93
MAX	28.1	94.8	157	166	116	122	124	312	320	149	36.1	10.3
(WY)	1963	1984	1965	1970	1986	1986	1989	1969	1983	1983	1983	1982
MIN	1.31	1.68	1.90	2.00	2.27	3.82	13.6	29.7	7.20	3.11	1.51	1.21
(WY)	1978	1978	1977	1991	1991	1977	1979	1977	1992	1987	1994	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1961 - 1995	
ANNUAL TOTAL	4858.27		23816.57			
ANNUAL MEAN	13.3		65.3		36.3	
HIGHEST ANNUAL MEAN					73.4	1982
LOWEST ANNUAL MEAN					8.71	1977
HIGHEST DAILY MEAN	107	May 11	522	May 1	1370	Dec 20 1981
LOWEST DAILY MEAN	.92	Oct 11	.92	Oct 11	.50	Sep 24 1968
ANNUAL SEVEN-DAY MINIMUM	.98	Oct 8	.98	Oct 8	.54	Sep 23 1968
INSTANTANEOUS PEAK FLOW			636	May 1	2100	Dec 22 1964
INSTANTANEOUS PEAK STAGE			3.87	Jan 14	9.90	Dec 22 1964
ANNUAL RUNOFF (AC-FT)	9640		47240		26270	
10 PERCENT EXCEEDS	43		210		105	
50 PERCENT EXCEEDS	3.6		26		9.8	
90 PERCENT EXCEEDS	1.3		2.1		2.1	

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

10336660 BLACKWOOD CREEK NEAR TAHOE CITY, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1975-78, 1980 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: December 1980 to September 1983.
WATER TEMPERATURE: October 1974 to June 1978 (1977-78 storm season only), October 1979 to September 1992.
SUSPENDED-SEDIMENT DISCHARGE: October 1974 to June 1978 (1977-78 storm season only), October 1979 to September 1992.

REMARKS.--In October 1992, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)
OCT							
04...	1750	2.5	78	4.0	8.0	0.006	0.001
28...	1315	2.1	88	11.5	6.5	0.004	0.001
NOV							
05...	1325	7.7	76	2.5	3.0	0.005	0.001
05...	2000	7.7	74	2.5	3.5	0.005	0.001
06...	1115	6.5	77	8.0	5.0	0.011	0.002
30...	1245	2.1	77	4.0	0.5	0.009	0.001
DEC							
29...	1640	3.5	71	-2.0	1.0	0.005	0.001
JAN							
10...	1200	35	52	0.5	0.0	0.042	0.001
11...	1215	27	58	-1.0	0.0	0.066	<0.001
13...	1135	60	50	3.0	0.0	0.035	0.001
13...	1630	60	44	2.5	0.0	0.038	0.001
13...	2145	60	43	3.0	0.0	0.044	0.001
14...	1535	130	42	0.0	0.0	0.053	0.003
30...	1520	15	61	3.0	4.0	0.016	<0.001
FEB							
28...	1410	29	56	6.0	5.0	0.008	0.001
MAR							
09...	1515	310	34	3.0	0.0	0.032	<0.001
09...	1945	299	36	1.0	0.0	0.035	0.001
10...	1215	206	41	1.0	0.5	0.035	<0.001
10...	1755	258	40	0.5	0.0	0.028	<0.001
11...	1250	131	47	3.0	3.0	0.052	0.001
APR							
04...	1730	41	57	8.0	7.5	0.016	0.002
26...	1850	79	48	7.0	6.0	0.018	0.001
29...	1515	219	41	5.0	3.5	0.024	0.001
29...	2005	271	39	2.0	2.0	0.027	<0.001
30...	1500	187	44	6.5	4.0	0.036	0.001
MAY							
01...	1040	611	34	2.0	0.0	0.040	0.002
01...	1805	607	27	2.5	1.0	0.038	0.002
02...	1015	288	41	4.5	3.0	0.051	0.002
11...	1415	110	45	7.5	6.0	0.024	<0.001
20...	0705	181	39	0.0	1.5	0.029	<0.001
26...	1435	189	39	14.5	7.5	0.012	<0.001
JUN							
02...	2005	346	32	9.5	3.5	0.019	<0.001
05...	0755	318	34	5.0	2.5	0.021	<0.001
12...	2035	326	30	--	4.0	0.014	<0.001
24...	1200	237	30	18.0	6.5	0.015	0.002
27...	1335	276	28	19.0	8.5	0.017	0.002
27...	2005	404	24	16.0	5.0	0.019	0.002
28...	0655	258	29	4.5	3.0	0.020	0.001
JUL							
12...	2005	142	31	7.0	8.0	0.007	0.003
18...	1535	126	30	19.0	9.5	0.005	0.002
27...	1235	57	33	20.5	10.0	0.006	0.002
AUG							
08...	1130	40	34	14.0	8.5	0.006	0.003
SEP							
06...	1405	6.5	55	22.0	14.5	0.007	0.003
28...	1110	3.4	66	12.0	8.0	0.004	0.002

10336660 BLACKWOOD CREEK NEAR TAHOE CITY, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	IRON, BIO. REACTIVE TOTAL (UG/L AS FE) (46568)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)
OCT							
04...	0.10	0.027	0.017	0.008	619	2	0.01
28...	0.07	0.017	0.016	0.010	517	4	0.02
NOV							
05...	0.25	0.052	0.022	0.009	946	12	0.25
05...	0.21	0.038	0.023	0.011	624	8	0.17
06...	0.16	0.034	0.021	0.010	555	5	0.09
30...	0.05	0.014	0.010	0.005	253	4	0.02
DEC							
29...	0.04	0.029	0.017	0.005	245	2	0.02
JAN							
10...	0.18	0.038	0.019	0.003	465	14	1.3
11...	0.20	0.039	0.017	0.002	642	18	1.3
13...	0.29	0.024	0.017	0.002	1840	47	7.6
13...	0.51	0.087	0.018	0.004	2200	82	13
13...	0.70	0.102	0.018	0.003	2740	108	17
14...	0.24	0.057	0.019	0.006	785	50	18
30...	0.06	0.014	0.010	0.004	202	3	0.12
FEB							
28...	0.13	0.019	0.008	0.003	194	4	0.31
MAR							
09...	1.7	0.596	0.017	0.007	6980	516	432
09...	0.90	0.341	0.020	0.008	4310	358	289
10...	0.30	0.067	0.016	0.007	943	100	56
10...	0.33	0.090	0.018	0.007	1310	182	127
11...	0.28	0.044	0.014	0.006	567	31	11
APR							
04...	0.06	0.020	0.019	0.005	189	6	0.66
26...	0.07	0.019	0.024	0.005	222	10	2.1
29...	0.33	0.066	0.020	0.005	1430	124	73
29...	0.51	0.094	0.018	0.006	2360	180	132
30...	0.13	0.029	0.014	0.005	411	30	15
MAY							
01...	0.86	0.333	0.017	0.008	4900	440	726
01...	0.73	0.252	0.020	0.008	3460	316	518
02...	0.17	0.068	0.024	0.006	1180	92	72
11...	0.08	0.023	0.015	0.004	192	16	4.8
20...	0.10	0.032	0.016	0.003	--	28	14
26...	0.12	0.026	0.016	0.005	147	14	7.1
JUN							
02...	0.17	0.042	0.013	0.003	684	74	69
05...	0.15	0.034	0.013	0.004	487	62	53
12...	0.18	0.044	0.014	0.004	913	73	64
24...	0.13	0.025	0.011	0.003	419	62	40
27...	0.22	0.044	0.014	0.002	515	44	33
27...	0.24	0.080	0.015	0.004	1200	154	168
28...	0.16	0.037	0.015	0.002	486	46	32
JUL							
12...	0.05	0.024	0.014	0.003	212	16	6.1
18...	0.03	0.033	0.011	0.002	119	8	2.7
27...	0.04	0.030	0.012	0.002	131	33	5.1
AUG							
08...	0.10	0.035	0.010	0.005	115	3	0.32
SEP							
06...	0.06	0.020	0.018	0.007	137	4	0.07
28...	0.02	0.020	0.012	0.007	113	21	0.19

PYRAMID AND WINNEMUCCA LAKES BASIN

10336674 WARD CREEK BELOW CONFLUENCE NEAR TAHOE CITY, CA

LOCATION.--Lat 39°08'27", long 120°12'40", in SE $^1/_4$ SE $^1/_4$ sec.16, T.15 N., R.16 E., Placer County, Hydrologic Unit 16050101, Tahoe National Forest, on left bank, 0.1 mi downstream from confluence with unnamed tributary, 3.2 mi west of William Kent Campground, and 4.8 mi southwest of Tahoe City.

DRAINAGE AREA.--4.96 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,600 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. No storage or diversion upstream from station. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.04	.17	e.50	e.90	16	10	10	190	113	151	35	3.8
2	.02	.18	e.50	e.95	16	e9.4	11	92	111	147	34	3.5
3	.04	.07	e1.0	e.95	12	e9.2	11	54	115	151	33	3.4
4	.25	.10	e.85	e.98	11	e9.0	13	46	127	144	32	3.3
5	.31	2.8	e.75	e1.0	9.9	e8.5	15	40	103	151	31	3.0
6	.21	4.5	e.66	e1.0	9.5	e8.0	17	33	72	147	29	2.8
7	.21	1.6	e.64	2.9	8.4	e7.5	18	30	53	143	27	2.7
8	.19	1.2	e.62	.96	8.0	e7.0	18	31	43	129	24	2.5
9	.18	1.0	e.62	5.7	7.3	e120	16	34	51	128	21	2.4
10	.16	e.90	e.62	e35	7.0	e160	14	38	74	118	20	2.3
11	.14	e.80	e.64	29	6.7	e60	15	44	103	107	18	2.2
12	.11	e.65	e.64	7.4	6.6	e20	18	36	112	90	16	2.1
13	.11	e.58	e.66	38	6.7	e15	25	31	107	78	15	2.0
14	.14	e.54	e.66	69	6.5	e22	21	26	108	75	14	1.9
15	.16	e.53	e.66	20	6.0	e27	18	24	109	80	13	1.8
16	.13	e.51	e.66	12	5.6	e23	16	23	81	85	13	1.7
17	.14	e.50	e.68	8.9	5.4	e25	15	29	67	88	13	1.7
18	.14	e.50	e.68	7.3	5.1	38	14	41	85	83	11	1.6
19	.13	e.50	e.70	6.4	5.2	39	13	56	85	74	10	1.6
20	.13	e.50	e.70	5.7	6.0	34	13	71	82	69	9.8	1.4
21	.13	e.50	e.70	5.2	7.1	30	12	84	84	64	10	1.4
22	.13	e.50	e.70	4.9	7.8	26	12	87	98	57	9.8	1.3
23	.13	e.50	e.70	4.7	9.0	22	13	86	119	51	9.4	1.2
24	.13	e.50	e.72	4.5	10	18	18	81	142	46	8.9	1.1
25	.13	e.50	e.72	4.1	12	16	27	75	149	44	8.0	1.0
26	.13	e.50	e.72	3.9	12	15	33	83	165	42	7.0	1.0
27	.12	e.50	e.72	3.8	11	13	38	91	167	41	6.1	.95
28	.13	e.50	e.72	3.6	11	12	47	95	158	45	5.5	.89
29	.13	e.50	e.72	3.9	---	11	84	101	153	45	4.8	.84
30	.12	e.50	e.80	4.6	---	10	84	110	157	40	4.5	.80
31	.12	---	e.85	11	---	9.9	---	110	---	37	4.1	---
TOTAL	4.34	23.13	21.51	308.24	244.8	834.5	679	1972	3193	2750	496.9	58.18
MEAN	.14	.77	.69	9.94	8.74	26.9	22.6	63.6	106	88.7	16.0	1.94
MAX	.31	4.5	1.0	69	16	160	84	190	167	151	35	3.8
MIN	.02	.07	.50	.90	5.1	7.0	10	23	43	37	4.1	.80
AC-FT	8.6	46	43	611	486	1660	1350	3910	6330	5450	986	115

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	.52	.75	.89	3.66	3.59	13.7	24.7	51.7	50.4	29.5	5.04	.70
MAX	1.21	1.04	1.16	9.94	8.74	26.9	29.0	92.8	106	88.7	16.0	1.94
(WY)	1994	1992	1993	1995	1995	1995	1992	1993	1995	1995	1995	1995
MIN	.11	.58	.69	.82	.95	5.85	22.0	20.5	3.67	.81	.025	.008
(WY)	1993	1994	1995	1992	1994	1994	1994	1992	1992	1994	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1992 - 1995	
ANNUAL TOTAL	2158.52		10585.60			
ANNUAL MEAN	5.91		29.0		15.5	
HIGHEST ANNUAL MEAN					29.0	1995
LOWEST ANNUAL MEAN					5.56	1992
HIGHEST DAILY MEAN	57	May 11	190	May 1	190	May 1 1995
LOWEST DAILY MEAN	.00	Aug 27	.02	Oct 2	.00	Aug 21 1992
ANNUAL SEVEN-DAY MINIMUM	.00	Aug 27	.13	Oct 25	.00	Sep 9 1992
INSTANTANEOUS PEAK FLOW			235	May 1	316	May 31 1993
INSTANTANEOUS PEAK STAGE			7.45	Jan 10	7.45	Jan 10 1995
ANNUAL RUNOFF (AC-FT)	4280		21000		11210	
10 PERCENT EXCEEDS	21		96		47	
50 PERCENT EXCEEDS	.90		9.9		1.8	
90 PERCENT EXCEEDS	.02		.50		.05	

e Estimated

10336674 WARD CREEK BELOW CONFLUENCE NEAR TAHOE CITY, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1993 to current year.

REMARKS.--In October 1992, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)
OCT							
28...	1020	0.14	50	10.0	4.0	0.002	0.002
NOV							
05...	1010	2.0	43	1.0	0.0	0.004	0.003
05...	1615	6.7	44	1.5	0.0	0.031	0.001
29...	1435	0.19	48	1.5	1.0	0.017	0.003
DEC							
29...	1115	0.25	49	-0.5	2.0	0.021	0.002
JAN							
30...	1125	4.2	47	5.5	2.5	0.012	0.001
FEB							
28...	0940	11	44	4.5	2.0	0.015	0.002
MAR							
09...	1100	120	30	2.5	0.0	0.034	<0.001
APR							
04...	1330	12	42	12.5	2.5	0.012	0.004
26...	1525	30	38	11.0	2.5	0.022	0.003
29...	1055	81	34	6.5	2.0	0.016	0.002
MAY							
01...	1405	199	31	2.5	0.5	0.039	0.002
02...	1325	80	35	4.5	2.0	0.039	0.002
11...	1035	46	36	4.5	2.0	0.022	0.001
20...	0910	65	33	6.0	2.0	0.010	0.001
26...	1045	75	33	11.0	2.5	0.006	<0.001
JUN							
02...	1630	112	29	13.0	2.0	0.020	0.001
05...	1040	99	31	4.0	2.0	0.019	<0.001
12...	1700	134	27	16.0	2.5	0.013	<0.001
23...	0930	93	29	15.5	2.0	0.017	0.002
27...	1015	140	26	18.5	3.0	0.020	0.003
27...	1700	196	22	--	3.0	0.020	0.001
JUL							
18...	1050	76	26	17.5	5.5	0.008	0.004
AUG							
08...	1505	23	26	19.5	10.5	0.004	0.003
SEP							
06...	1030	3.1	35	17.0	6.0	0.003	0.007

PYRAMID AND WINNEMUCCA LAKES BASIN

10336674 WARD CREEK BELOW CONFLUENCE NEAR TAHOE CITY, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	IRON, BIO. REACTIVE TOTAL (UG/L AS FE) (46568)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)
OCT							
28...	0.07	0.013	0.010	0.005	24	<1	<0.01
NOV							
05...	0.11	0.023	0.019	0.012	32	2	0.01
05...	0.24	0.035	0.021	0.008	124	11	0.20
29...	0.06	0.012	0.011	0.005	14	2	<.01
DEC							
29...	0.04	0.024	0.020	0.005	11	<1	<0.01
JAN							
30...	0.05	0.010	0.009	0.003	17	4	0.05
FEB							
28...	0.10	0.023	0.008	0.002	15	2	0.06
MAR							
09...	0.47	0.177	0.016	0.008	1120	127	41
APR							
04...	0.07	0.013	0.009	0.003	12	<1	<0.04
26...	0.06	0.011	0.012	0.004	58	2	0.16
29...	0.28	0.021	0.011	0.004	144	17	3.7
MAY							
01...	0.25	0.084	0.012	0.007	946	126	68
02...	0.10	0.017	0.013	0.005	55	10	2.2
11...	0.05	0.015	0.012	0.003	91	3	0.37
20...	0.09	0.019	0.013	0.004	--	3	0.53
26...	0.08	0.015	0.012	0.004	66	2	0.41
JUN							
02...	0.03	0.027	0.009	0.005	216	30	9.1
05...	0.08	0.022	0.010	0.005	149	22	5.9
12...	0.10	0.035	0.012	0.005	453	48	17
23...	0.07	0.014	0.017	0.004	72	10	2.5
27...	0.14	0.035	0.020	0.005	335	55	21
27...	0.47	0.095	0.020	0.005	1200	162	86
JUL							
18...	0.03	0.030	0.013	0.004	57	5	1.0
AUG							
08...	0.11	0.015	0.012	0.005	26	2	0.12
SEP							
06...	0.09	0.013	0.013	0.005	91	<1	<0.01

PYRAMID AND WINNEMUCCA LAKES BASIN

10336675 WARD CREEK AT STANFORD ROCK TRAIL CROSSING NEAR TAHOE CITY, CA

LOCATION.--Lat 39°08'13", long 120°10'48", in NE $^1/_4$ NW $^1/_4$ sec.23, T.15 N., R.16 E., Placer County, Hydrologic Unit 16050101, Tahoe National Forest, on left bank, 1.5 mi west of William Kent Campground, 1.7 mi upstream from mouth, and 3.6 mi southwest of Tahoe City.

DRAINAGE AREA.--8.97 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1991 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,450 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are fair. No storage or diversion upstream from station. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.51	.89	e1.4	e1.6	23	20	28	276	205	194	42	5.9
2	.50	.89	e1.4	e1.6	25	20	28	180	203	187	40	5.5
3	.53	.67	e1.7	e1.7	21	19	28	129	210	187	39	5.3
4	.99	.65	e1.6	e1.8	19	18	31	108	227	178	38	5.0
5	1.1	5.7	e1.5	2.0	19	17	34	92	202	180	36	4.7
6	.93	11	e1.5	2.1	18	16	36	79	156	175	34	4.5
7	.84	3.9	e1.4	e4.0	18	16	39	73	125	164	32	4.3
8	.80	e2.2	e1.4	e3.5	17	15	41	72	107	153	29	4.0
9	.78	e1.7	e1.4	e20	16	167	36	73	117	149	27	3.9
10	.73	e1.4	e1.4	e40	16	181	33	80	147	141	25	3.7
11	.70	e1.2	e1.4	e30	16	106	34	92	185	129	23	3.5
12	.67	e1.1	e1.4	e20	16	65	39	76	197	110	21	3.3
13	.66	e.98	e1.4	e45	16	58	49	64	186	95	20	3.2
14	.72	e.95	e1.4	e80	17	63	42	56	193	92	19	3.0
15	.81	e.92	e1.4	e60	17	76	38	53	199	97	18	2.9
16	.78	e.92	e1.4	34	14	64	34	53	155	104	17	2.9
17	.77	e.91	e1.4	26	13	55	31	64	129	107	16	2.9
18	.80	e.90	e1.4	18	13	77	29	85	154	102	15	2.8
19	.78	e.90	e1.4	16	13	76	28	111	148	89	14	2.7
20	.75	e.90	e1.5	15	14	68	28	134	141	83	13	2.6
21	.75	e.90	e1.5	14	15	59	26	154	140	73	13	2.5
22	.74	e.92	e1.5	14	16	50	26	156	158	64	13	2.5
23	.70	e1.0	e1.5	13	17	52	29	157	184	59	12	2.4
24	.67	e1.1	e1.5	13	18	41	35	146	213	54	11	2.3
25	.66	e1.2	e1.5	12	19	37	46	135	233	52	10	2.3
26	.66	e1.2	e1.5	12	20	34	51	152	251	49	9.4	2.5
27	.64	e1.3	e1.5	12	19	32	57	167	247	48	8.3	2.4
28	.65	e1.3	e1.6	11	20	30	70	172	232	50	7.9	2.4
29	.73	e1.4	e1.6	12	---	28	124	180	210	52	7.2	2.4
30	.69	e1.4	e1.6	13	---	27	125	194	207	47	6.7	2.4
31	.74	---	e1.6	18	---	27	---	207	---	44	6.2	---
TOTAL	22.78	50.40	45.7	566.3	485	1614	1275	3770	5461	3308	622.7	100.7
MEAN	.73	1.68	1.47	18.3	17.3	52.1	42.5	122	182	107	20.1	3.36
MAX	1.1	11	1.7	80	25	181	125	276	251	194	42	5.9
MIN	.50	.65	1.4	1.6	13	15	26	53	107	44	6.2	2.3
AC-FT	45	100	91	1120	962	3200	2530	7480	10830	6560	1240	200

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	1.47	1.97	2.16	7.19	7.40	24.9	39.9	82.6	76.2	35.1	6.52	1.45
MAX	2.52	2.64	2.60	18.3	17.3	52.1	49.4	153	182	107	20.1	3.36
(WY)	1994	1992	1992	1995	1995	1995	1993	1993	1995	1995	1995	1995
MIN	.73	1.62	1.47	2.26	2.19	9.10	26.2	22.7	4.60	1.41	.44	.36
(WY)	1995	1994	1995	1992	1994	1994	1994	1992	1992	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1992 - 1995	
ANNUAL TOTAL	2735.85		17321.58			
ANNUAL MEAN	7.50		47.5		24.0	
HIGHEST ANNUAL MEAN					47.5	1995
LOWEST ANNUAL MEAN					7.69	1994
HIGHEST DAILY MEAN	64	May 11	276	May 1	276	May 1 1995
LOWEST DAILY MEAN	.30	Sep 22	.50	Oct 2	.30	Sep 22 1994
ANNUAL SEVEN-DAY MINIMUM	.31	Sep 17	.67	Oct 24	.31	Sep 17 1994
INSTANTANEOUS PEAK FLOW			371	May 1	415	May 31 1993
INSTANTANEOUS PEAK STAGE			8.23	Jan 10	8.23	Jan 10 1995
ANNUAL RUNOFF (AC-FT)	5430		34360		17360	
10 PERCENT EXCEEDS	24		156		75	
50 PERCENT EXCEEDS	2.0		18		3.4	
90 PERCENT EXCEEDS	.42		.91		.66	

e Estimated

10336675 WARD CREEK AT STANFORD ROCK TRAIL CROSSING NEAR TAHOE CITY, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1993 to current year.

REMARKS.--In October 1992, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)
OCT							
28...	1110	0.63	82	11.5	5.0	0.004	0.002
NOV							
05...	1115	5.8	66	2.0	2.0	0.004	0.001
05...	1725	11	54	2.0	1.5	0.021	0.000
29...	1625	1.7	68	-2.5	0.5	0.012	0.003
DEC							
29...	1250	2.0	65	-1.0	1.0	0.003	<0.001
JAN							
13...	1445	45	44	2.5	0.0	0.012	0.001
14...	1250	80	43	0.5	0.0	0.040	0.001
30...	1305	12	55	7.0	2.0	0.005	<0.001
FEB							
28...	1115	23	51	7.0	3.0	0.005	0.002
MAR							
09...	1330	225	33	0.0	0.0	0.024	<0.001
10...	1535	184	36	2.0	0.0	0.015	0.001
APR							
04...	1535	33	49	12.5	6.5	0.005	0.002
26...	1655	51	44	11.0	4.5	0.008	0.003
29...	1230	149	40	4.5	2.0	0.011	<0.001
29...	1830	163	38	3.0	1.0	0.014	<0.001
MAY							
01...	1535	298	35	3.5	1.0	0.026	0.002
02...	1445	166	40	8.0	3.5	0.022	0.002
11...	1200	86	42	6.0	4.0	0.009	0.001
20...	1025	121	39	12.0	3.5	0.012	0.001
26...	1210	131	38	13.5	5.0	0.003	<0.001
JUN							
02...	1755	225	34	13.5	3.5	0.011	<0.001
05...	1200	194	36	4.0	4.5	0.012	<0.001
12...	1810	236	31	15.0	4.0	0.009	<0.001
23...	1045	152	33	21.0	5.5	0.011	0.003
27...	1135	214	31	21.0	6.0	0.015	0.003
27...	1810	307	27	20.5	4.5	0.016	0.002
JUL							
18...	1340	98	30	21.5	8.5	0.005	0.003
AUG							
08...	1620	28	34	20.5	13.0	0.004	0.002
SEP							
06...	1150	4.9	50	20.0	11.5	0.004	0.004

10336675 WARD CREEK AT STANFORD ROCK TRAIL CROSSING NEAR TAHOE CITY, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	IRON, BIO. REACTIVE TOTAL (UG/L AS FE) (46568)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)
OCT							
28...	0.07	0.024	0.016	0.011	440	<1	<0.01
NOV							
05...	0.41	0.134	0.027	0.015	3500	42	0.66
05...	0.35	0.071	0.032	0.015	1920	24	0.71
29...	0.06	0.019	0.016	0.009	257	0	<.01
DEC							
29...	0.05	0.027	0.021	0.008	233	2	0.01
JAN							
13...	0.32	0.095	0.019	0.006	1510	64	7.8
14...	0.22	0.075	0.019	0.009	752	54	12
30...	0.05	0.014	0.011	0.006	106	4	0.13
FEB							
28...	0.05	0.024	0.010	0.005	78	2	0.12
MAR							
09...	0.84	0.304	0.019	0.008	2940	254	154
10...	0.32	0.093	0.020	0.008	946	74	37
APR							
04...	0.10	0.021	0.014	0.005	69	2	0.18
26...	0.09	0.018	0.018	0.005	61	6	0.83
29...	0.16	0.031	0.021	0.006	371	26	10
29...	0.25	0.049	0.021	0.006	721	46	20
MAY							
01...	0.33	0.105	0.023	0.009	1340	108	87
02...	0.16	0.034	0.026	0.007	251	22	9.9
11...	0.06	0.018	0.012	0.004	52	3	0.70
20...	0.10	0.019	0.016	0.003	--	4	1.3
26...	0.10	0.020	0.017	0.004	83	6	2.1
JUN							
02...	0.09	0.036	0.012	0.005	297	32	19
05...	0.12	0.022	0.015	0.006	232	18	9.4
12...	0.16	0.035	0.016	0.006	443	64	41
23...	0.13	0.017	0.020	0.005	111	10	4.1
27...	0.15	0.034	0.020	0.007	421	42	24
27...	0.43	0.105	0.018	0.007	1030	132	109
JUL							
18...	0.01	0.041	0.017	0.005	71	4	1.1
AUG							
08...	0.07	0.018	0.014	0.007	47	1	0.08
SEP							
06...	0.04	0.018	0.018	0.010	93	1	0.01

10336676 WARD CREEK AT STATE HIGHWAY 89, NEAR TAHOE PINES, CA

LOCATION.--Lat 39°07'56", long 120°09'24", in NW $^1/_4$ SE $^1/_4$ sec.24, T.15 N., R.16 E., Placer County, Hydrologic Unit 16050101, Tahoe National Forest, on right bank, 165 ft downstream from State Highway 89 Bridge, 2.1 mi north of Tahoe Pines, and 2.6 mi southwest of Tahoe City.

DRAINAGE AREA.--9.70 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1972 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,230 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges and discharges less than 1 ft^3/s, which are fair. Minor diversion for local water supply upstream from station. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e.30	.80	e1.8	e2.0	24	20	25	294	219	204	41	6.9
2	e.30	1.6	e2.0	e2.0	27	20	25	187	211	190	40	6.6
3	e.40	.90	e2.5	e2.0	22	20	26	130	220	194	39	6.3
4	.41	.50	e2.3	e2.0	20	21	28	113	240	179	36	6.1
5	1.1	.50	e2.0	e2.0	19	17	31	99	211	190	34	5.6
6	.95	11	e1.8	2.3	18	16	33	87	147	184	32	5.3
7	.70	3.3	e1.7	3.0	17	16	37	80	118	166	30	5.1
8	.63	2.0	e1.7	7.0	17	15	39	80	101	148	27	4.8
9	.59	e1.8	e1.7	e30	16	233	36	82	108	144	25	4.4
10	.52	e1.7	e1.7	e50	16	194	30	89	138	136	24	4.2
11	.46	e1.5	e1.7	e40	15	114	32	99	181	122	22	3.9
12	.47	1.3	e1.7	e30	15	68	37	85	196	104	20	3.8
13	.45	e1.2	e1.7	e55	14	59	48	71	184	93	18	3.6
14	.49	e1.2	e1.7	e90	23	65	41	63	192	91	17	3.6
15	.68	e1.1	e1.7	e70	25	80	35	59	201	95	16	3.
16	.66	e1.0	e1.7	e45	15	68	32	57	145	100	16	3.2
17	.61	.92	e1.7	e30	12	57	29	70	121	101	15	3.1
18	.65	e.94	e1.7	e25	12	81	27	91	144	98	14	3.0
19	.66	e.98	e1.7	21	12	83	26	114	140	90	13	2.9
20	.66	e1.0	e1.7	14	12	74	26	132	130	85	13	2.7
21	.66	e1.1	e1.8	13	13	62	26	148	131	79	13	2.6
22	.62	e1.2	e1.8	12	14	47	24	148	152	70	13	2.6
23	.66	e1.3	e1.8	11	16	46	26	146	183	64	12	2.4
24	.66	e1.4	e1.8	11	18	42	32	138	218	59	12	2.3
25	.66	1.5	e1.8	10	20	46	44	129	250	55	11	2.3
26	.66	e1.5	e1.9	9.7	21	32	52	145	268	51	9.9	2.3
27	.66	e1.6	e1.9	9.4	20	29	61	164	256	49	9.1	2.2
28	.73	e1.6	e1.9	9.0	20	27	76	172	241	53	8.5	2.2
29	.71	e1.7	e1.9	8.9	---	26	125	182	222	56	8.0	2.2
30	.82	e1.7	e1.9	10	---	25	127	197	217	48	7.5	2.1
31	.85	---	e2.0	16	---	25	---	217	---	43	7.3	---
TOTAL	19.38	49.84	56.7	642.3	493	1728	1236	3868	5485	3341	603.3	111.7
MEAN	.63	1.66	1.83	20.7	17.6	55.7	41.2	125	183	108	19.5	3.72
MAX	1.1	11	2.5	90	27	233	127	294	268	204	41	6.9
MIN	.30	.50	1.7	2.0	12	15	24	57	101	43	7.3	2.1
AC-FT	38	99	112	1270	978	3430	2450	7670	10880	6630	1200	222

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	3.45	11.9	11.7	13.3	14.1	21.1	40.4	86.3	73.3	23.4	4.19	1.83
MAX	22.4	73.9	92.5	74.0	77.7	80.3	89.2	156	265	123	26.9	7.93
(WY)	1983	1982	1982	1980	1982	1986	1989	1993	1983	1983	1983	1983
MIN	.15	1.06	.80	1.10	1.24	2.52	8.06	18.7	4.59	1.10	.003	.005
(WY)	1978	1978	1977	1991	1991	1977	1975	1977	1992	1994	1977	1977

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1973 - 1995	
ANNUAL TOTAL	3036.85		17634.22			
ANNUAL MEAN	8.32		48.3		25.4	
HIGHEST ANNUAL MEAN					59.0	1983
LOWEST ANNUAL MEAN					5.29	1977
HIGHEST DAILY MEAN	66	May 11	294	May 1	784	Jan 13 1980
LOWEST DAILY MEAN	.00	Aug 16	.30	Oct 1	.00	Aug 4 1977
ANNUAL SEVEN-DAY MINIMUM	.00	Aug 16	.52	Oct 8	.00	Aug 4 1977
INSTANTANEOUS PEAK FLOW			513	Mar 9	1800	Dec 19 1981
INSTANTANEOUS PEAK STAGE			8.57	Jan 4	8.57	Jan 4 1995
ANNUAL RUNOFF (AC-FT)	6020		34980		18420	
10 PERCENT EXCEEDS	27		148		73	
50 PERCENT EXCEEDS	2.1		19		6.4	
90 PERCENT EXCEEDS	.00		.97		.80	

e Estimated

10336676 WARD CREEK AT STATE HIGHWAY 89, NEAR TAHOE PINES, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1973-78, 1980 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1980 to September 1983.
WATER TEMPERATURE: October 1972 to June 1978 (storm season only for water years 1977-78), October 1979 to September 1992.
SUSPENDED-SEDIMENT DISCHARGE: October 1972 to June 1978 (storm season only for water years 1977-78), October 1979 to September 1992.

REMARKS.--In October 1992, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)
OCT							
04...	1815	1.2	86	4.5	6.0	0.005	0.001
28...	1155	0.71	86	11.0	6.0	0.002	0.002
NOV							
05...	1215	1.4	66	2.5	0.5	0.004	<0.001
05...	1820	1.2	62	3.0	2.0	0.018	<0.001
06...	1040	1.3	56	5.0	3.5	0.040	0.001
29...	1750	2.4	71	-1.0	0.0	0.005	0.001
DEC							
29...	1350	2.2	70	-0.5	0.5	0.006	0.001
JAN							
10...	0835	50	52	1.5	0.5	0.021	0.003
11...	1050	40	50	0.5	0.5	0.023	0.001
13...	1025	55	50	2.0	0.0	0.011	0.001
13...	1900	55	45	4.5	--	0.017	<0.001
14...	1405	90	41	0.0	0.0	0.031	<0.001
30...	1355	10	56	5.0	2.0	0.005	0.002
FEB							
28...	1235	20	54	6.0	3.0	0.004	0.001
MAR							
09...	1405	415	35	0.5	0.0	0.035	0.004
09...	1835	389	35	2.0	0.0	0.029	<0.001
10...	1120	169	39	1.0	0.0	0.027	0.001
10...	1635	205	38	2.0	0.0	0.012	<0.001
11...	1150	110	43	1.0	1.0	0.016	0.001
APR							
04...	1630	29	51	8.0	6.5	0.004	0.001
26...	1745	52	47	9.5	5.0	0.006	0.001
29...	1300	125	41	5.5	2.5	0.010	<0.001
29...	1905	156	39	3.0	1.0	0.014	0.002
30...	1410	116	44	6.0	3.5	0.014	0.002
MAY							
01...	0935	334	36	2.5	1.0	0.025	0.003
01...	1710	365	36	4.0	1.0	0.023	<0.001
02...	0920	195	41	8.0	2.0	0.021	0.002
11...	1250	95	44	--	5.0	0.012	<0.001
20...	0605	127	40	1.0	1.5	0.021	0.001
26...	1305	127	39	16.0	6.5	0.002	<0.001
JUN							
02...	1850	246	33	--	4.0	0.011	<0.001
05...	0700	221	35	5.5	2.0	0.012	<0.001
12...	1910	235	31	11.0	4.0	0.007	<0.001
23...	1150	145	34	21.0	7.5	0.009	0.001
27...	1230	216	31	22.5	7.0	0.014	0.005
27...	1900	301	27	--	4.5	0.016	0.002
28...	0600	224	30	8.0	3.0	0.015	0.001
JUL							
12...	1845	103	31	15.5	6.5	0.005	0.004
18...	1440	98	31	20.5	9.5	0.003	0.002
27...	1350	45	35	24.0	12.0	0.003	0.003
AUG							
08...	1225	27	36	18.0	10.0	0.004	0.002
SEP							
06...	1235	5.7	50	--	12.0	0.002	0.002
28...	1155	2.5	67	13.0	9.0	0.002	0.002

10336676 WARD CREEK AT STATE HIGHWAY 89, NEAR TAHOE PINES, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	IRON, BIO. REACTIVE TOTAL (UG/L AS FE) (46568)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)
OCT							
04...	0.11	0.028	0.018	0.009	172	1	<0.01
28...	0.07	0.018	0.014	0.009	89	4	0.01
NOV							
05...	0.60	0.120	0.041	0.027	1240	36	0.14
05...	0.41	0.082	0.035	0.021	1080	24	0.08
06...	0.37	0.046	0.027	0.015	370	10	0.03
29...	0.07	0.016	0.013	0.007	94	<1	<0.01
DEC							
29...	0.05	0.030	0.015	0.007	85	2	0.01
JAN							
10...	0.35	0.039	0.026	0.010	168	8	1.1
11...	0.27	0.043	0.028	0.014	122	4	0.43
13...	0.11	0.031	0.021	0.007	104	8	1.2
13...	0.17	0.041	0.025	0.012	207	6	0.89
14...	0.21	0.047	0.023	0.009	319	13	3.2
30...	0.06	0.017	0.010	0.006	130	2	0.05
FEB							
28...	0.08	0.036	0.012	0.005	85	2	0.11
MAR							
09...	0.82	0.290	0.018	0.009	3250	222	249
09...	0.82	0.344	0.019	0.010	3310	300	315
10...	--	0.077	0.017	0.009	902	72	33
10...	0.48	0.160	0.014	0.009	1530	138	76
11...	0.23	0.048	0.015	0.007	455	32	9.5
APR							
04...	0.08	0.019	0.013	0.005	69	4	0.31
26...	0.10	0.014	0.014	0.005	105	6	0.84
29...	0.20	0.045	0.016	0.006	649	41	14
29...	0.31	0.080	0.015	0.007	1220	82	35
30...	0.11	0.023	0.017	0.006	157	11	3.4
MAY							
01...	0.73	0.297	0.020	0.009	3470	267	241
01...	0.42	0.214	0.020	0.009	2720	269	265
02...	0.13	0.044	0.016	0.008	437	35	18
11...	0.07	0.022	0.017	0.005	67	4	1.0
20...	0.08	0.022	0.018	0.003	--	9	3.1
26...	0.04	0.022	0.019	0.003	82	20	6.9
JUN							
02...	0.15	0.047	0.011	0.006	458	44	29
05...	0.11	0.036	0.013	0.006	320	32	19
12...	0.16	0.042	0.014	0.006	532	44	28
23...	0.15	0.017	0.016	0.005	91	4	1.6
27...	0.20	0.040	0.019	0.007	436	41	24
27...	0.41	0.113	0.022	0.007	1470	131	106
28...	0.13	0.043	0.022	0.006	380	37	22
JUL							
12...	0.06	0.025	0.013	0.005	122	10	2.8
18...	0.05	0.038	0.012	0.005	65	4	1.1
27...	0.06	0.037	0.015	0.002	58	2	0.24
AUG							
08...	0.05	0.018	0.011	0.007	49	1	0.07
SEP							
06...	0.05	0.018	0.018	0.008	50	<1	<0.02
28...	0.02	0.021	0.015	0.010	41	10	0.07

PYRAMID AND WINNEMUCCA LAKSES BASIN

10336688 FIRST CREEK NEAR CRYSTAL BAY, NV

LOCATION.--Lat 39°15'00", long 119°59'18", in NE $^1/_4$ SW $^1/_4$ sec.17, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, on left bank, 20 ft upstream of culvert on State Highway 28, 400 ft upstream of mouth, 1.6 mi northeast of Crystal Bay, and 2.2 mi west of Incline Village.

DRAINAGE AREA.--1.09 mi^2.

PERIOD OF RECORD.--Water years 1970-73, 1991 to current year.

REMARKS.--In April 1991, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
FEB									
28...	1510	1.4	79	--	6.5	4.0	--	--	--
MAR									
09...	1940	4.3	65	--	2.5	3.5	--	--	--
APR									
05...	1445	2.9	76	--	10.5	5.5	--	--	--
26...	1155	3.1	65	--	8.0	4.5	--	--	--
MAY									
01...	2045	8.0	59	--	4.0	3.5	--	--	--
12...	1130	3.1	62	--	3.5	3.5	600	10.4	100
24...	1040	4.9	52	--	8.5	4.5	--	--	--
JUN									
02...	1750	8.7	41	--	14.0	6.0	--	--	--
13...	1250	6.2	45	7.8	16.5	7.5	605	9.9	104
25...	2000	6.0	43	--	15.0	8.0	--	--	--
JUL									
18...	1605	3.6	50	7.9	19.0	11.0	605	8.7	100
SEP									
13...	1145	0.61	74	--	17.0	9.5	--	--	--

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
FEB									
28...	0.006	0.002	0.13	0.042	0.017	0.010	538	8	0.03
MAR									
09...	0.009	<0.001	0.58	0.227	0.032	0.023	3810	214	2.5
APR									
05...	0.006	0.001	0.14	0.044	0.024	0.010	514	27	0.21
[illegible]...	0.006	0.001	0.26	0.039	0.022	0.009	1070	33	0.28
MAY									
01...	0.006	<0.001	0.82	0.183	0.028	0.014	4880	452	9.8
12...	0.004	<0.001	0.15	0.026	0.020	0.010	--	8	0.07
24...	0.003	<0.001	0.30	0.056	0.021	0.010	834	60	0.79
JUN									
02...	0.004	0.002	0.49	0.141	0.019	0.012	1930	255	6.0
13...	0.004	<0.001	0.11	0.034	0.019	0.008	275	79	1.3
25...	0.008	<0.001	0.32	0.081	0.022	0.010	896	144	2.3
JUL									
18...	0.003	<0.001	0.17	0.068	0.022	0.010	506	21	0.20
SEP									
13...	0.006	0.003	0.05	0.026	0.027	0.010	222	2	<.01

PYRAMID AND WINNEMUCCA LAKES BASIN

103366905 WEST FORK SECOND CREEK AT LAKESHORE DRIVE NEAR INCLINE VILLAGE, NV

LOCATION.--Lat 39°14'59", long 119°58'37", in NE $^1/_4$ SE $^1/_4$ sec.17, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, on right bank, 20 feet upstream of culvert on Lakeshore Drive, 600 ft upstream of mouth, 0.1 mi west of Second Creek at Lakeshore Drive, 1.7 mi west of Incline Village and 1.9 mi northeast of Crystal Bay.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--June 1995.

REMARKS.--In June 1995, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)
JUN												
26...	1735	E12	30	12.5	7.5	0.018	0.002	2.4	2.06	0.055	0.038	32300

E: Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

10336691 SECOND CREEK AT LAKESHORE DRIVE NEAR CRYSTAL BAY, NV

LOCATION.--Lat 39°14'58", long 119°58'35", in NE 1/4 SE 1/4 sec.17, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, on right bank, 20 ft upstream of culvert on Lakeshore Drive, 600 ft upstream of mouth, 1.6 mi west of Incline Village, and 2.0 mi northeast of Crystal Bay.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1991 to current year.

REMARKS.--In April 1991, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
FEB									
28...	1425	0.81	90	--	7.5	5.0	--	--	--
MAR									
09...	1830	2.5	74	--	4.0	2.0	--	--	--
APR									
05...	1410	1.7	83	--	12.0	6.5	--	--	--
25...	1315	2.0	74	--	14.5	6.5	--	--	--
MAY									
12...	0940	2.6	67	--	4.5	3.5	600	10.5	101
22...	1220	5.0	56	--	8.0	5.0	--	--	--
31...	1620	6.8	41	--	18.5	7.5	--	--	--
JUN									
13...	1200	3.4	40	7.8	19.0	7.5	605	9.7	102
25...	1900	5.0	28	--	16.0	6.5	--	--	--
JUL									
18...	1455	1.8	43	7.9	21.0	13.5	605	8.3	101
SEP									
13...	1020	0.65	65	--	17.0	9.0	--	--	--

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
FEB									
28...	0.006	0.003	0.10	0.047	0.019	0.012	563	7	0.02
MAR									
09...	0.016	0.001	0.55	0.340	0.050	0.042	3520	225	1.5
APR									
05...	0.009	0.001	0.16	0.076	0.029	0.018	690	37	0.17
25...	0.006	0.001	0.17	0.060	0.033	0.018	1060	37	0.19
MAY									
12...	0.003	<0.001	0.15	0.062	0.027	0.017	--	82	0.57
22...	0.004	<0.001	0.26	0.125	0.031	0.019	1670	162	2.2
31...	0.004	<0.001	0.91	0.513	0.031	0.024	8170	682	13
JUN									
13...	0.008	0.001	0.10	0.052	0.027	0.017	698	193	1.8
25...	0.005	0.001	3.0	1.29	0.038	0.024	20000	2300	31
JUL									
18...	0.003	<0.001	0.15	0.063	0.032	0.021	337	36	0.18
SEP									
13...	0.004	0.002	0.05	0.035	0.037	0.020	295	4	0.01

PYRAMID AND WINNEMUCCA LAKES BASIN

10336692 WOOD CREEK ABOVE JENNIFER STREET NEAR INCLINE VILLAGE, NV

LOCATION.--Lat 39°15'46", long 119°57'38", in NE $^1/_4$ SE $^1/_4$ sec.9, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, on right bank, 100 ft upstream of culvert on dirt logging road, 0.2 mi upstream of culverts on Jennifer Street, and 1.4 mi northwest of Incline Village.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1991 to current year.

REMARKS.--In April 1991, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
FEB									
28...	1130	1.8	51	--	8.0	3.0	--	--	--
APR									
26...	1445	4.1	48	--	9.0	3.5	--	--	--
MAY									
11...	1410	4.0	50	--	4.5	3.5	585	10.2	100
24...	1325	9.6	46	--	7.5	4.0	--	--	--
JUN									
01...	1640	17	37	--	12.5	3.5	--	--	--
13...	1645	19	37	7.7	17.5	5.0	590	9.7	98
27...	2055	23	32	--	12.5	5.0	--	--	--
JUL									
17...	1525	12	36	7.8	19.5	8.5	595	9.0	99
SEP									
12...	1355	3.0	54	--	19.5	10.5	--	--	--

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
FEB									
28...	0.053	0.002	0.11	0.054	0.023	0.018	336	8	0.04
APR									
26...	0.043	0.002	0.30	0.065	0.026	0.014	1030	43	0.47
MAY									
11...	0.004	<0.001	0.11	0.055	0.029	0.011	--	57	0.62
24...	0.007	0.003	0.11	0.061	0.031	0.011	525	49	1.3
JUN									
01...	0.014	0.004	0.33	0.209	0.028	0.017	2170	280	12
13...	0.014	0.003	0.34	0.149	0.029	0.012	1400	285	15
27...	0.024	0.001	0.91	0.489	0.032	0.020	5390	669	41
JUL									
17...	0.003	<0.001	0.07	0.054	0.024	0.016	202	31	1.0
SEP									
12...	0.006	0.003	0.06	0.037	0.037	0.021	207	3	0.02

PYRAMID AND WINNEMUCCA LAKES BASIN

10336694 WOOD CREEK AT MOUTH NEAR CRYSTAL BAY, NV

LOCATION.--Lat 39°14'35", long 119°57'30", in NE $^1/_4$ NE $^1/_4$ sec.21, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, on right bank, 20 ft upstream of culvert on Lakeshore Drive, 600 ft upstream of mouth, 0.6 mi west of Incline Village, and 2.6 mi northeast of Crystal Bay.

DRAINAGE AREA.--2.05 mi^2.

PERIOD OF RECORD.--Water years 1970-73 (at site 600 ft downstream of current site), 1991 to current year.

REMARKS.--In April 1991, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
FEB										
28...	1350	1.8	56	--	9.0	4.5	--	--	--	0.029
MAR										
09...	1730	5.4	85	--	4.0	2.0	--	--	--	0.014
APR										
25...	1050	3.2	54	--	10.0	4.0	--	--	--	0.033
MAY										
11...	1045	4.6	58	--	7.5	4.0	605	10.3	99	0.013
19...	1740	8.8	47	--	13.0	5.0	--	--	--	0.022
JUN										
01...	1350	18	43	--	18.0	7.0	--	--	--	0.004
13...	1950	15	39	7.7	12.5	5.0	605	10.1	100	0.005
25...	1810	22	33	--	17.0	7.5	--	--	--	0.030
26...	1640	43	34	--	11.5	9.0	--	--	--	0.028
JUL										
17...	1705	12	40	7.8	18.5	10.0	610	8.9	99	0.003
SEP										
12...	1525	2.2	59	--	18.0	11.0	--	--	--	0.006

DATE	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
FEB									
28...	0.002	0.15	0.066	0.033	0.025	551	8	0.04	--
MAR									
09...	<0.001	0.78	0.163	0.063	0.057	4070	169	2.5	--
APR									
25...	0.002	0.20	0.085	0.036	0.022	1420	37	0.32	--
MAY									
11...	<0.001	0.12	0.057	0.026	0.005	--	36	0.45	--
19...	0.001	0.93	0.418	0.029	0.013	--	409	9.7	--
JUN									
01...	0.010	0.40	0.172	0.025	0.014	2160	189	9.1	--
13...	0.004	0.34	0.162	0.030	0.012	2100	297	12	--
25...	0.002	2.0	1.01	0.038	0.021	13000	968	57	--
26...	0.003	8.2	4.58	0.109	0.066	63700	4500	522	52
JUL									
17...	<0.001	0.17	0.066	0.025	0.017	418	72	2.3	--
SEP									
12...	0.006	0.12	0.050	0.033	0.019	663	31	0.18	--

PYRAMID AND WINNEMUCCA LAKES BASIN

103366958 THIRD CREEK BELOW UNNAMED TRIBUTARY NEAR INCLINE VILLAGE, NV

LOCATION.--Lat 39°16'47", long 119°56'46", in NW$^1/_4$ SE$^1/_4$ sec.3, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, Toiyabe National Forest, on left bank, 10 ft upstream of pipe crossing, 200 ft northwest of end of Mercury Court, 800 ft downstream of unnamed tributary, 0.3 mi upstream of bridge on State Highway 431, and 2.3 mi north of Incline Village.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--August 1989, water years 1991 to current year.

REMARKS.--In April 1991, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
FEB									
28...	1030	2.8	48	--	5.5	3.0	--	--	--
APR									
26...	1650	6.3	46	--	7.5	2.5	--	--	--
MAY									
10...	1615	5.5	46	--	8.0	3.0	580	10.0	98
24...	1515	17	38	--	8.0	2.5	--	--	--
31...	1400	34	31	--	16.0	3.0	--	--	--
JUN									
13...	1405	41	30	7.6	17.5	3.5	580	10.2	101
27...	2030	80	26	--	10.0	2.5	--	--	--
JUL									
18...	1210	41	37	7.7	16.0	8.5	585	8.8	98
SEP									
12...	1210	5.0	54	--	19.5	10.5	--	--	--

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
FEB									
28...	0.038	0.002	0.09	0.032	0.014	0.009	170	1	0.01
APR									
26...	0.036	0.002	0.16	0.026	0.021	0.009	493	7	0.12
MAY									
10...	0.025	<0.001	0.09	0.032	0.015	0.007	376	6	0.09
24...	0.019	<0.001	0.13	0.035	0.019	0.004	458	13	0.58
31...	0.004	<0.001	0.13	0.054	0.011	0.007	656	55	5.0
JUN									
13...	0.003	<0.001	0.14	0.031	0.016	0.003	308	26	2.9
27...	0.016	<0.001	0.43	0.164	0.019	0.007	3110	762	165
JUL									
18...	0.003	<0.001	0.21	0.027	0.015	0.007	224	21	2.3
SEP									
12...	0.008	0.004	0.03	0.028	0.026	0.015	86	1	0.01

103366965 THIRD CREEK AT VILLAGE BOULEVARD AT INCLINE VILLAGE, NV

LOCATION.--Lat 39°15'47", long 119°56'39", in NW $^1/_4$ SE $^1/_4$ sec.10, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, on right bank, 1 ft downstream of culvert on Village Boulevard, 0.8 mi downstream of bridge on State Highway 431, and 1.1 mi north of Incline Village.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--August 1989, water years 1991 to current year.

REMARKS.--In April 1991, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
FEB									
28...	1250	3.9	65	--	7.5	3.5	--	--	--
MAR									
14...	1325	3.5	76	--	6.0	3.5	--	--	--
APR									
26...	1835	7.0	61	--	8.5	3.5	--	--	--
MAY									
10...	1500	8.0	68	--	13.0	6.5	595	9.6	100
24...	1510	19	45	--	12.0	4.0	--	--	--
31...	1250	35	35	--	19.0	5.0	--	--	--
JUN									
13...	1205	32	33	7.6	18.5	4.0	595	9.8	96
27...	2110	80	27	--	12.0	4.0	--	--	--
JUL									
18...	1040	45	38	7.8	16.0	7.5	600	9.1	97
SEP									
12...	1105	5.5	57	--	18.0	8.5	--	--	--

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
FEB									
28...	0.021	0.003	0.12	0.031	0.014	0.007	565	3	0.03
MAR									
14...	0.017	0.002	0.13	0.025	0.018	0.009	610	5	0.05
APR									
26...	0.032	0.002	0.23	0.041	0.022	0.010	1080	14	0.26
MAY									
10...	0.016	<0.001	0.13	0.037	0.017	0.006	680	12	0.26
24...	0.027	<0.001	0.12	0.042	0.018	0.007	549	23	1.2
31...	0.016	<0.001	0.20	0.062	0.013	0.008	288	116	11
JUN									
13...	0.004	<0.001	0.10	0.047	0.015	0.002	421	75	6.5
27...	0.015	<0.001	0.41	0.194	0.019	0.008	3400	575	124
JUL									
18...	0.003	<0.001	0.10	0.039	0.016	0.007	301	17	2.1
SEP									
12...	0.006	0.004	0.03	0.022	0.023	0.013	220	1	0.02

PYRAMID AND WINNEMUCCA LAKES BASIN

10336698 THIRD CREEK NEAR CRYSTAL BAY, NV

LOCATION.--Lat 39°14'26", long 119°56'44", in SW $^1/_4$ NE $^1/_4$ sec.22, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, on right bank, 50 ft upstream from culvert on Lakeshore Boulevard, 600 ft upstream from mouth, and 3 mi east of Crystal Bay.

DRAINAGE AREA.--6.05 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1969 to September 1973, February to September 1975, and October 1977 to current year.

REVISED RECORDS.--WDR NV-78-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 6,234.03 ft above sea level.

REMARKS.--Records fair except for estimated daily discharges, which are poor. One transmountain diversion to Washoe Valley. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	1.5	e3.0	e2.2	4.6	6.2	8.1	25	38	60	25	6.7
2	1.1	1.5	e2.7	e2.3	4.8	5.6	8.8	19	36	66	24	6.6
3	1.1	1.6	2.5	e2.3	4.3	5.4	9.5	15	48	75	23	6.6
4	1.4	e1.8	e2.3	e2.3	4.2	4.8	9.9	15	43	67	23	6.4
5	1.3	e2.0	e2.3	e2.3	4.2	4.5	11	16	35	75	22	6.2
6	1.3	e1.9	e2.3	2.3	4.0	4.0	11	16	29	85	21	6.2
7	1.2	1.8	e2.3	3.3	3.8	4.0	11	15	25	85	20	6.1
8	1.2	1.6	e2.3	3.3	3.8	4.0	9.8	16	22	77	19	6.0
9	1.2	1.6	e2.3	e4.0	3.8	22	8.9	14	22	76	18	6.0
10	1.2	1.6	e2.3	e6.9	3.8	e32	8.3	13	28	76	18	5.9
11	1.1	1.6	e2.3	e6.2	4.0	e22	9.0	14	34	69	17	5.7
12	1.1	1.5	e2.3	e4.0	3.8	e13	9.2	13	41	60	16	5.7
13	1.1	e1.6	e2.3	e5.8	3.7	e9.1	9.4	13	42	52	15	5.6
14	1.1	e1.6	e2.3	7.0	3.7	8.4	8.6	13	40	51	15	5.5
15	1.2	e1.6	e2.3	4.8	3.4	9.3	7.9	13	33	53	14	5.5
16	1.3	e1.6	2.3	3.7	4.0	9.0	7.5	12	29	56	14	5.4
17	1.3	e1.7	2.2	e3.5	3.7	8.4	6.5	12	26	53	14	5.3
18	1.2	e1.8	2.2	3.1	3.5	9.3	6.2	15	27	57	13	5.2
19	1.2	e1.8	e2.2	2.9	4.0	9.0	6.1	19	30	53	13	5.2
20	1.2	e1.8	e2.3	2.9	4.5	9.7	6.3	21	31	49	12	5.1
21	1.2	e1.8	e2.2	2.9	4.8	8.4	6.3	22	32	44	12	5.1
22	1.2	e1.9	e2.2	2.9	5.2	8.1	5.6	24	39	40	11	5.0
23	1.2	e1.9	e2.3	2.9	5.6	7.8	6.2	24	48	38	11	5.0
24	1.2	1.8	e2.3	2.9	5.8	7.2	7.6	23	56	35	9.7	5.0
25	1.2	1.9	e2.3	2.9	6.2	6.9	8.7	22	65	33	8.5	5.1
26	1.2	e2.0	e2.2	2.8	6.2	6.7	9.2	24	70	32	8.0	5.1
27	1.2	e2.1	e2.2	2.8	5.8	6.6	9.6	26	69	31	7.7	5.0
28	1.2	e2.2	e2.2	2.8	5.6	6.2	8.7	28	70	33	7.4	4.9
29	1.2	e2.5	e2.2	2.7	---	5.9	9.6	32	68	34	7.2	4.9
30	1.2	e3.4	e2.2	2.9	---	6.0	10	35	65	29	7.0	4.9
31	1.3	---	e2.2	3.8	---	7.3	---	39	---	27	6.9	---
TOTAL	37.3	55.0	71.5	107.4	124.8	276.8	254.5	608	1241	1671	452.4	166.9
MEAN	1.20	1.83	2.31	3.46	4.46	8.93	8.48	19.6	41.4	53.9	14.6	5.56
MAX	1.4	3.4	3.0	7.0	6.2	32	11	39	70	85	25	6.7
MIN	1.1	1.5	2.2	2.2	3.4	4.0	5.6	12	22	27	6.9	4.9
AC-FT	74	109	142	213	248	549	505	1210	2460	3310	897	331

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1970 - 1995, BY WATER YEAR (WY)

MEAN	3.48	4.31	4.10	4.16	4.32	5.95	9.37	18.7	22.1	10.9	3.97	2.94
MAX	9.10	11.0	7.79	8.83	9.05	13.5	20.2	37.3	50.3	53.9	15.7	8.08
(WY)	1984	1985	1984	1980	1986	1986	1986	1973	1982	1995	1983	1983
MIN	.79	1.50	2.31	2.09	2.35	3.73	5.13	3.84	2.27	1.17	.94	1.02
(WY)	1978	1978	1995	1985	1978	1991	1988	1988	1992	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1970 - 1995	
ANNUAL TOTAL	1249.59		5066.6			
ANNUAL MEAN	3.42		13.9		7.80	
HIGHEST ANNUAL MEAN					14.1	1983
LOWEST ANNUAL MEAN					2.92	1988
HIGHEST DAILY MEAN	16	May 11	85	Jul 6	99	Jun 19 1982
LOWEST DAILY MEAN	.86	Aug 30	1.1	Oct 2	.66	Oct 13 1977
ANNUAL SEVEN-DAY MINIMUM	.87	Sep 3	1.1	Oct 8	.67	Oct 13 1977
INSTANTANEOUS PEAK FLOW			122	Jun 26	150	Jun 18 1982
INSTANTANEOUS PEAK STAGE			3.31	Jun 26	3.77	Jan 23 1973
ANNUAL RUNOFF (AC-FT)	2480		10050		5650	
10 PERCENT EXCEEDS	8.2		39		19	
50 PERCENT EXCEEDS	2.3		6.2		4.2	
90 PERCENT EXCEEDS	.95		1.6		1.8	

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

10336698 THIRD CREEK NEAR CRYSTAL BAY, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1970-73, 1978-1984, 1988 to current year.

REMARKS.--In November 1987, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
OCT									
12...	1201	1.1	--	--	11.0	7.0	--	--	--
20...	1330	1.2	75	--	12.0	6.0	--	--	--
NOV									
05...	1100	3.1	75	--	5.0	2.0	--	--	--
06...	1010	3.2	84	--	5.5	3.5	--	--	--
30...	1206	3.5	--	--	5.0	0.5	--	--	--
DEC									
21...	1320	2.2	79	--	6.0	2.0	--	--	--
JAN									
05...	0908	2.4	--	--	2.0	0.5	--	--	--
09...	1130	5.0	90	--	7.0	2.5	--	--	--
09...	1805	5.7	154	--	4.0	2.0	--	--	--
13...	0838	5.8	--	--	2.0	0.5	--	--	--
13...	1415	5.9	123	--	4.0	1.5	--	--	--
13...	2215	8.5	120	--	2.5	1.5	--	--	--
14...	1010	9.3	124	--	2.0	2.0	--	--	--
25...	1550	3.2	128	7.6	2.5	3.0	596	10.7	102
FEB									
01...	0915	5.2	127	--	6.0	3.0	--	--	--
16...	0946	4.3	--	--	-1.0	0.5	--	--	--
25...	1615	7.5	125	--	8.5	5.5	--	--	--
MAR									
09...	1050	9.3	104	--	5.0	2.5	--	--	--
09...	1220	27	--	--	3.0	3.0	--	--	--
10...	1010	19	103	--	2.0	1.5	--	--	--
10...	1730	23	101	--	2.0	0.5	--	--	--
13...	1535	7.5	124	--	6.0	3.5	--	--	--
20...	1055	11	146	--	2.5	1.5	--	--	--
29...	1320	6.0	162	7.5	3.5	4.0	606	10.1	97
APR									
03...	1545	9.3	149	--	11.0	8.0	--	--	--
12...	1435	8.6	137	--	10.0	6.5	--	--	--
24...	1240	7.2	119	--	11.0	7.0	--	--	--
25...	1730	11	113	--	12.5	7.5	--	--	--
26...	0940	9.3	108	--	7.0	3.0	--	--	--
27...	1350	12	167	--	6.0	3.5	--	--	--
28...	1550	8.3	121	--	4.5	4.0	--	--	--
29...	1750	14	115	--	7.0	5.0	--	--	--
MAY									
01...	0855	24	96	--	4.0	3.5	--	--	--
03...	1350	13	121	--	11.0	8.0	--	--	--
05...	1007	16	--	--	7.0	3.5	--	--	--
10...	1230	12	110	--	9.0	7.5	640	9.3	93
12...	1535	12	104	--	1.5	4.0	--	--	--
12...	1540	12	104	--	1.5	4.0	--	--	--
16...	1220	12	130	--	11.0	7.0	--	--	--
19...	2100	21	77	--	7.5	4.5	--	--	--
21...	1140	23	73	--	16.5	6.0	--	--	--
22...	1710	28	70	--	6.5	5.0	--	--	--
22...	1730	35	73	--	6.5	5.0	--	--	--
22...	1920	28	69	--	6.0	4.5	--	--	--
31...	1110	39	45	--	15.0	5.0	--	--	--
31...	2210	53	37	--	10.0	2.5	--	--	--
JUN									
07...	1315	31	46	7.6	5.5	4.5	600	10.0	98
08...	1005	22	--	--	6.0	3.5	--	--	--
12...	2010	47	33	--	10.5	3.0	--	--	--
13...	1045	34	39	--	17.5	4.0	--	--	--
22...	2010	46	37	7.3	13.5	4.0	609	10.7	102
24...	1910	82	33	--	22.0	4.0	--	--	--
26...	1630	118	35	--	14.0	6.0	--	--	--
26...	1740	96	32	--	16.0	6.5	--	--	--
29...	1745	75	31	--	19.5	5.5	--	--	--
JUL									
05...	1515	73	32	7.5	22.5	8.5	605	9.2	99
18...	0925	56	40	7.8	14.5	7.5	610	9.6	100
31...	0915	32	46	--	16.5	8.5	--	--	--
AUG									
02...	0843	24	--	--	15.0	13.0	--	--	--
28...	1115	7.4	64	7.4	15.5	8.5	605	9.9	107
31...	0908	7.4	--	--	18.5	9.5	--	--	--
SEP									
11...	0858	6.3	--	--	14.0	8.5	--	--	--
12...	0955	5.7	67	--	16.0	9.5	--	--	--

PYRAMID AND WINNEMUCCA LAKES BASIN

10336698 THIRD CREEK NEAR CRYSTAL BAY, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT										
12...	--	--	--	--	--	--	--	--	--	--
20...	0.003	<0.001	0.08	0.022	0.014	0.008	382	4	0.01	--
NOV										
05...	0.008	0.002	0.29	0.092	0.054	0.034	1180	27	0.22	--
06...	0.008	0.002	0.24	0.069	0.040	0.027	1010	14	0.12	--
30...	--	--	--	--	--	--	--	--	--	--
DEC										
21...	0.003	<0.001	0.08	0.018	0.023	0.004	282	2	0.01	--
JAN										
05...	--	--	--	--	--	--	--	--	--	--
09...	0.017	<0.001	0.32	0.063	0.024	0.006	1890	23	0.31	--
09...	0.039	<0.001	0.62	0.123	0.020	0.004	3650	59	0.91	--
13...	--	--	--	--	--	--	--	--	--	--
13...	0.048	<0.001	1.7	0.538	0.026	0.014	11200	235	3.7	--
13...	0.018	0.001	0.59	0.145	0.032	0.013	2870	66	1.5	--
14...	0.051	<0.001	1.0	0.110	0.031	0.018	2350	50	1.3	--
25...	0.015	0.001	0.13	0.021	0.014	0.005	669	4	0.03	--
FEB										
01...	0.040	<0.001	0.20	0.035	0.015	0.008	1050	12	0.17	--
16...	--	--	--	--	--	--	--	--	--	--
25...	0.047	0.004	0.36	0.091	0.019	0.010	2180	36	0.73	--
MAR										
09...	0.049	0.011	1.6	0.312	0.047	0.038	11600	272	6.9	--
09...	--	--	--	--	--	--	--	--	--	--
10...	0.054	0.009	0.50	0.214	0.041	0.029	3660	161	8.4	--
10...	0.031	<0.001	0.77	0.426	0.040	0.034	5360	296	18	--
13...	0.077	0.006	0.27	0.040	0.021	0.012	1040	16	0.32	--
20...	0.067	0.001	0.35	0.082	0.027	0.013	1490	37	1.1	--
29...	0.054	0.004	0.19	0.035	0.019	0.007	966	79	1.3	--
APR										
03...	0.053	<0.001	0.38	0.087	0.023	0.012	2180	72	1.8	--
12...	0.042	0.001	0.24	0.053	0.016	0.010	1800	26	0.60	--
24...	0.029	0.002	0.20	0.037	0.021	0.008	1510	16	0.31	--
25...	0.042	0.002	0.60	0.206	0.031	0.014	4990	--	--	--
26...	0.040	0.002	0.37	0.051	0.020	0.008	1370	33	0.83	--
27...	0.038	<0.001	0.64	0.257	0.020	0.007	3980	170	5.6	--
28...	0.039	<0.001	0.17	0.037	0.017	0.007	1140	24	0.54	--
29...	0.035	<0.001	1.5	0.287	0.024	0.012	10600	297	11	--
MAY										
01...	0.066	<0.001	1.6	0.437	0.019	0.009	16300	674	43	--
03...	0.049	0.003	0.34	0.099	0.023	0.010	2600	99	3.6	--
05...	--	--	--	--	--	--	--	--	--	--
10...	0.018	<0.001	1.2	0.755	0.017	0.007	14800	540	17	--
12...	0.023	<0.001	0.23	0.052	0.019	0.008	--	58	2.0	--
12...	0.024	<0.001	0.24	0.055	0.018	0.008	--	65	2.2	--
16...	0.029	0.002	0.17	0.032	0.020	0.011	--	103	3.4	--
19...	0.035	0.002	0.52	0.231	0.016	0.007	--	257	15	--
21...	0.027	0.002	0.27	0.065	0.016	0.006	--	85	5.3	--
22...	0.021	<0.001	0.77	0.463	0.019	0.008	9030	309	23	--
22...	0.035	<0.001	2.6	1.16	0.024	0.012	22800	1080	101	--
22...	0.030	<0.001	0.56	0.299	0.026	0.011	8150	337	26	--
31...	0.015	<0.001	--	0.117	0.014	0.008	2170	164	17	--
31...	0.019	<0.001	1.0	0.471	0.016	0.009	2030	489	70	--
JUN										
07...	0.005	<0.001	0.11	0.038	0.014	0.007	592	36	3.0	--
08...	--	--	--	--	--	--	--	--	--	--
12...	0.014	<0.001	0.37	0.223	0.016	0.005	6200	227	29	--
13...	0.005	<0.001	0.15	0.054	0.014	0.004	871	95	8.6	--
22...	0.018	0.001	0.32	0.087	0.015	0.005	1710	155	19	--
24...	0.018	<0.001	1.5	0.718	0.019	0.009	10800	889	196	--
26...	0.025	0.001	3.0	1.93	0.040	0.023	24800	2190	698	40
26...	0.043	0.001	3.7	2.12	0.048	0.028	31300	2400	622	29
29...	0.004	<0.001	0.34	0.204	0.014	0.007	4480	310	63	--
JUL										
05...	0.012	0.002	0.68	0.114	0.013	0.007	2400	222	44	--
18...	0.003	<0.001	0.11	0.057	0.016	0.007	321	29	4.4	--
31...	0.010	0.001	0.07	0.029	0.016	0.005	352	7	0.60	--
AUG										
02...	--	--	--	--	--	--	--	--	--	--
28...	0.014	0.001	0.07	0.023	0.018	0.009	292	3	0.06	--
31...	--	--	--	--	--	--	--	--	--	--
SEP										
11...	--	--	--	--	--	--	--	--	--	--
12...	0.011	0.003	0.04	0.020	0.023	0.010	298	4	0.06	--

PYRAMID AND WINNEMUCCA LAKES BASIN

103366993 INCLINE CREEK ABOVE TYROL VILLAGE NEAR INCLINE VILLAGE, NV

LOCATION.--Lat 39°15'32", long 119°55'20", in SE $^1/_4$ SE $^1/_4$ sec.11, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, on right bank, 900 ft upstream from Tirol Drive, and about 1.5 mi northeast of Incline Village.

DRAINAGE AREA.--2.78 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1990 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,920 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	1.2	1.6	e1.4	3.6	3.3	3.0	11	26	32	14	6.4
2	1.1	1.3	1.5	e1.4	3.1	3.1	3.1	8.2	27	32	13	6.4
3	1.1	1.2	1.5	e1.4	2.4	2.9	3.4	7.3	26	32	13	6.3
4	1.3	1.3	1.5	e1.4	2.4	2.7	3.9	7.6	30	30	12	6.2
5	1.3	1.4	1.4	e1.4	2.5	2.7	4.2	7.8	28	30	12	6.1
6	1.3	2.6	1.4	e1.4	2.4	2.7	4.2	6.7	24	31	11	6.0
7	1.2	1.8	1.4	1.4	2.2	2.7	3.6	6.1	21	30	11	5.8
8	1.1	1.6	1.4	1.4	2.2	2.7	3.3	6.2	19	29	11	5.7
9	1.1	1.5	1.4	1.6	2.0	5.5	3.2	6.5	21	28	11	5.7
10	1.0	1.6	1.4	1.6	7.0	4.3	3.3	7.2	24	27	10	5.6
11	.97	1.6	1.4	1.5	2.1	3.5	3.8	8.0	26	26	10	5.5
12	1.0	1.5	1.4	1.5	2.1	3.2	4.3	7.0	28	24	9.8	5.3
13	1.1	1.6	1.4	1.9	2.0	3.0	4.3	6.4	28	23	9.5	5.2
14	1.1	1.6	1.4	2.2	1.8	3.0	3.8	6.0	26	22	9.2	5.1
15	1.1	1.6	1.4	1.7	1.8	3.4	3.6	5.8	24	22	9.0	4.9
16	1.1	1.6	1.4	1.6	1.8	3.7	3.4	5.9	22	22	8.9	5.0
17	1.2	1.6	1.4	1.5	1.8	3.5	3.3	6.8	21	21	8.8	4.9
18	1.2	1.5	1.4	1.5	1.9	3.7	3.3	8.7	23	21	8.6	4.7
19	1.1	1.5	1.4	1.5	2.3	3.4	3.3	11	23	20	8.3	4.6
20	1.1	1.6	1.4	1.5	2.6	3.3	3.2	13	22	19	8.3	4.6
21	1.1	1.6	1.4	1.5	3.0	3.1	3.2	14	23	18	8.0	4.4
22	1.1	1.6	1.4	1.5	3.2	2.9	3.4	16	24	18	7.8	4.3
23	1.1	1.6	1.4	1.5	3.4	2.8	4.1	16	27	17	7.7	4.3
24	1.1	1.7	1.4	1.4	3.6	2.7	5.4	15	29	17	7.5	4.3
25	1.1	1.7	1.4	1.4	3.8	2.6	6.5	16	32	16	7.4	4.2
26	1.1	1.8	1.4	1.5	3.8	2.5	6.7	17	36	16	7.3	4.1
27	1.1	1.7	1.4	1.5	3.5	2.3	6.5	18	36	16	7.2	4.0
28	1.1	1.7	1.4	1.5	3.4	2.2	5.5	20	36	15	7.0	4.0
29	1.1	1.7	1.4	1.6	---	2.2	5.5	21	36	15	6.8	4.0
30	1.2	1.7	1.4	1.6	---	2.3	5.8	22	35	15	6.6	3.9
31	1.2	---	1.4	2.6	---	2.6	---	25	---	14	6.5	---
TOTAL	34.97	48.0	43.9	48.4	72.7	94.5	124.1	353.2	803	698	288.2	151.5
MEAN	1.13	1.60	1.42	1.56	2.60	3.05	4.14	11.4	26.8	22.5	9.30	5.05
MAX	1.3	2.6	1.6	2.6	3.8	5.5	6.7	25	36	32	14	6.4
MIN	.97	1.2	1.4	1.4	1.8	2.2	3.0	5.8	19	14	6.5	3.9
AC-FT	69	95	87	96	144	187	246	701	1590	1380	572	301

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1995, BY WATER YEAR (WY)

MEAN	1.21	1.36	1.26	1.25	1.50	2.29	3.92	6.42	7.82	5.51	2.58	1.69
MAX	3.04	2.43	2.35	2.18	2.60	3.05	5.84	15.1	26.8	22.5	9.30	5.05
(WY)	1994	1994	1994	1994	1995	1995	1993	1993	1995	1995	1995	1995
MIN	.54	.75	.83	.72	.92	1.16	2.56	1.60	.77	.61	.25	.26
(WY)	1993	1993	1993	1991	1993	1991	1991	1992	1992	1992	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1990 - 1995	
ANNUAL TOTAL	745.31		2760.47			
ANNUAL MEAN	2.04		7.56		3.37	
HIGHEST ANNUAL MEAN					7.56	1995
LOWEST ANNUAL MEAN					1.02	1992
HIGHEST DAILY MEAN	5.8	May 9	36	Jun 26	36	Jun 26 1995
LOWEST DAILY MEAN	.67	Sep 5	.97	Oct 11	.18	Aug 19 1992
ANNUAL SEVEN-DAY MINIMUM	.70	Sep 4	1.1	Oct 8	.21	Aug 1 1992
INSTANTANEOUS PEAK FLOW			52	Jun 26	52	Jun 26 1995
INSTANTANEOUS PEAK STAGE			2.62	Jun 26	2.62	Jun 26 1995
ANNUAL RUNOFF (AC-FT)	1480		5480		2440	
10 PERCENT EXCEEDS	4.1		23		6.5	
50 PERCENT EXCEEDS	1.7		3.4		1.5	
90 PERCENT EXCEEDS	.83		1.4		.59	

e Estimated

103366993 INCLINE CREEK ABOVE TYROL VILLAGE NEAR INCLINE VILLAGE, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1990 to current year.

REMARKS.--In November 1989, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
OCT										
06...	0926	1.2	45	--	2.0	4.0	--	--	--	--
20...	1040	1.1	42	--	5.5	2.0	--	--	--	0.002
DEC										
01...	1253	1.5	--	--	5.0	1.0	--	--	--	--
21...	1000	1.5	40	--	0.0	1.0	--	--	--	0.022
JAN										
25...	1230	1.4	44	7.5	2.0	2.0	581	10.9	104	0.032
FEB										
13...	0924	1.9	--	--	8.0	0.5	--	--	--	--
25...	1330	2.9	34	--	10.5	3.0	--	--	--	0.035
MAR										
09...	0918	6.0	--	--	4.0	2.0	--	--	--	--
09...	1550	6.2	23	--	2.0	1.0	--	--	--	0.009
14...	1135	3.0	38	--	5.5	2.0	--	--	--	0.024
27...	1013	2.4	--	--	7.0	1.0	--	--	--	--
29...	0950	2.6	39	7.4	2.5	1.5	590	10.9	101	0.038
APR										
12...	1125	4.2	34	--	10.5	2.5	--	--	--	0.031
24...	1525	4.3	34	--	10.0	3.5	--	--	--	0.040
29...	1930	5.3	32	--	3.0	2.5	--	--	--	0.031
MAY										
01...	1050	12	25	--	0.5	2.0	--	--	--	0.023
03...	1001	7.1	--	--	3.0	2.5	--	--	--	--
03...	1520	7.1	33	--	7.5	3.5	--	--	--	0.033
09...	0900	6.7	33	--	5.0	3.0	--	--	--	0.022
16...	1415	5.6	34	--	8.0	4.0	--	--	--	0.032
21...	1525	13	27	--	14.5	3.5	--	--	--	0.030
30...	1240	24	26	--	18.0	4.0	--	--	--	0.019
JUN										
01...	1930	46	23	--	5.0	2.5	--	--	--	0.019
08...	0824	20	--	--	1.0	2.5	--	--	--	--
12...	1510	34	23	--	20.0	5.0	595	10.1	101	0.004
12...	1755	38	21	--	17.5	3.5	--	--	--	0.029
22...	1650	28	22	7.5	17.0	5.5	593	9.9	102	0.023
26...	2130	43	21	--	9.5	5.0	--	--	--	0.026
JUL										
05...	1345	31	22	7.7	22.0	8.5	595	9.3	102	0.015
17...	1155	23	24	--	17.0	7.5	--	--	--	0.003
30...	0859	14	--	--	10.0	6.5	--	--	--	--
31...	1230	15	26	--	21.5	8.5	--	--	--	0.010
AUG										
28...	1350	8.0	30	7.2	19.0	7.5	592	--	--	0.008
SEP										
11...	1310	7.0	32	--	18.0	8.0	--	--	--	0.010

103366993 INCLINE CREEK ABOVE TYROL VILLAGE NEAR INCLINE VILLAGE, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	IRON, BIO. REACTIVE TOTAL (UG/L AS FE) (46568)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT									
06...	--	--	--	--	--	--	--	--	--
20...	<0.001	0.08	0.021	0.014	0.007	107	3	0.01	--
DEC									
01...	--	--	--	--	--	--	--	--	--
21...	<0.001	0.05	0.024	0.024	0.007	89	72	0.28	--
JAN									
25...	0.003	0.17	0.023	0.020	0.004	181	1	<.01	--
FEB									
13...	--	--	--	--	--	--	--	--	--
25...	0.006	0.22	0.036	0.015	0.006	243	3	0.03	--
MAR									
09...	--	--	--	--	--	--	--	--	--
09...	<0.001	0.67	0.154	0.024	0.016	2180	41	0.69	--
14...	<0.001	0.13	0.034	0.020	0.011	238	5	0.04	--
27...	--	--	--	--	--	--	--	--	--
29...	0.001	0.10	0.036	0.019	0.008	140	2	0.01	--
APR									
12...	0.001	0.17	0.023	0.012	0.008	308	6	0.07	--
24...	0.002	0.21	0.035	0.023	0.009	690	5	0.06	--
29...	<0.001	0.21	0.030	0.023	0.009	338	8	0.11	--
MAY									
01...	<0.001	0.91	0.128	0.022	0.008	2110	89	2.8	--
03...	--	--	--	--	--	--	--	--	--
03...	0.001	0.24	0.027	0.020	0.008	303	8	0.15	--
09...	<0.001	0.12	0.029	0.023	0.007	219	6	0.11	--
16...	0.002	0.10	0.029	0.021	0.009	--	8	0.12	--
21...	0.002	0.33	0.074	0.019	0.008	--	30	1.1	--
30...	<0.001	0.34	0.088	0.016	0.010	671	43	2.7	--
JUN									
01...	0.006	0.39	0.189	0.017	0.011	1350	125	15	--
08...	--	--	--	--	--	--	--	--	--
12...	<0.001	0.36	0.069	0.021	0.007	751	101	9.2	--
12...	<0.001	0.73	0.109	0.023	0.011	1670	162	16	--
22...	<0.001	0.51	0.090	0.022	0.011	1930	140	10	--
26...	<0.001	0.63	0.122	0.027	0.014	2430	163	19	23
JUL									
05...	0.001	0.21	0.047	0.017	0.012	967	55	4.6	--
17...	<0.001	0.14	0.047	0.021	0.012	272	19	1.2	--
30...	--	--	--	--	--	--	--	--	--
31...	0.001	0.06	0.031	0.022	0.011	207	7	0.28	--
AUG									
28...	0.001	0.06	0.025	0.023	0.011	176	3	0.06	--
SEP									
11...	0.004	0.08	0.028	0.023	0.010	201	2	0.03	--

PYRAMID AND WINNEMUCCA LAKES BASIN

103366995 INCLINE CREEK AT HIGHWAY 28 AT INCLINE VILLAGE, NV

LOCATION.--Lat 39°14'44", long 119°58'17", in SE $^1/_4$ SE $^1/_4$ sec.15, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, on left bank, 200 ft downstream from culverts on State Highway 28, 0.6 mi upstream from Lake Tahoe, and 1.8 mi southeast of intersection of State Highways 431 and 28.

DRAINAGE AREA.--4.47 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--December 1989 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,320 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.8	1.7	1.7	1.7	5.4	5.5	7.2	27	37	44	15	7.0
2	1.3	1.7	1.8	1.7	5.4	4.7	7.7	18	37	42	15	6.9
3	1.2	1.7	1.9	1.7	4.2	4.8	8.2	16	36	41	14	6.9
4	1.4	1.8	1.8	1.7	4.0	4.3	9.6	16	39	39	14	6.7
5	1.6	2.1	1.8	1.7	4.1	3.9	10	15	37	39	13	6.6
6	1.4	2.8	1.7	1.7	3.9	3.7	11	13	34	38	13	6.5
7	1.2	1.8	e1.6	1.7	3.7	3.7	10	12	33	38	13	6.4
8	1.1	1.8	e1.5	1.7	3.6	3.8	9.3	13	31	36	13	6.2
9	1.1	2.2	e1.5	2.0	3.3	15	8.5	13	31	35	12	6.1
10	1.1	1.7	e1.6	2.4	3.4	14	8.3	15	33	33	12	6.0
11	e1.2	1.7	1.7	1.8	3.4	11	9.6	15	35	32	11	5.9
12	e1.3	1.7	1.7	1.8	3.4	8.4	11	13	34	30	11	5.9
13	e1.3	e1.7	1.7	3.6	2.9	7.2	11	13	34	29	11	5.8
14	e1.3	e1.7	1.7	5.5	2.5	8.0	9.8	13	31	28	11	5.7
15	e1.3	1.7	1.7	3.1	e2.3	9.7	9.0	13	30	27	10	5.6
16	e1.3	e1.7	1.7	2.6	2.2	9.6	8.6	13	29	27	10	5.6
17	e1.3	e1.7	1.7	e2.3	2.2	8.5	8.0	14	27	26	10	6.0
18	e1.3	e1.7	1.7	2.1	2.3	11	8.0	17	29	26	9.7	5.8
19	e1.3	e1.7	1.7	2.0	2.8	9.2	7.8	20	29	25	9.3	5.4
20	e1.3	1.8	1.7	1.9	3.4	9.8	8.1	23	28	23	9.2	5.4
21	e1.3	1.8	1.7	1.9	3.9	8.3	8.1	25	28	22	9.2	5.3
22	e1.3	1.8	1.7	1.9	4.5	7.5	8.4	28	30	21	9.0	5.3
23	e1.3	1.8	1.7	1.9	5.0	6.8	9.8	27	33	20	8.9	5.2
24	e1.3	1.8	1.7	1.9	5.4	6.0	12	27	36	20	8.7	5.3
25	e1.3	e1.8	1.7	1.8	5.9	5.6	15	27	39	19	8.3	5.3
26	e1.4	e1.7	1.7	1.8	5.7	5.4	16	28	43	19	8.1	5.2
27	e1.6	e1.8	1.7	1.8	5.2	5.0	15	30	45	18	8.0	5.2
28	1.7	1.8	1.7	1.8	5.2	4.5	13	31	46	18	7.8	5.2
29	1.7	1.8	1.7	1.9	---	4.7	14	33	47	17	7.6	5.2
30	1.7	1.8	e1.7	2.1	---	5.3	14	34	45	16	7.5	5.2
31	1.7	---	e1.7	3.6	---	6.2	---	37	---	16	7.4	---
TOTAL	42.4	54.3	52.6	67.1	109.2	221.1	306.0	639	1046	864	326.7	174.8
MEAN	1.37	1.81	1.70	2.16	3.90	7.13	10.2	20.6	34.9	27.9	10.5	5.83
MAX	1.8	2.8	1.9	5.5	5.9	15	16	37	47	44	15	7.0
MIN	1.1	1.7	1.5	1.7	2.2	3.7	7.2	12	27	16	7.4	5.2
AC-FT	84	108	104	133	217	439	607	1270	2070	1710	648	347

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1995, BY WATER YEAR (WY)

MEAN	1.55	1.71	1.77	1.83	2.28	4.14	6.00	9.25	9.91	6.59	2.92	2.08
MAX	3.38	3.02	3.10	2.88	3.90	7.13	10.2	20.6	34.9	27.9	10.5	5.83
(WY)	1994	1994	1994	1994	1995	1995	1995	1995	1995	1995	1995	1995
MIN	.95	1.22	1.21	1.19	1.41	2.25	3.63	1.98	1.26	.87	.65	.67
(WY)	1993	1991	1993	1993	1991	1991	1991	1992	1992	1992	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1990 - 1995	
ANNUAL TOTAL	948.35		3903.2			
ANNUAL MEAN	2.60		10.7		4.58	
HIGHEST ANNUAL MEAN					10.7	1995
LOWEST ANNUAL MEAN					1.54	1992
HIGHEST DAILY MEAN	7.1	May 9	47	Jun 29	47	Jun 29 1995
LOWEST DAILY MEAN	.83	Aug 30	1.1	Oct 8	.56	Aug 20 1992
ANNUAL SEVEN-DAY MINIMUM	.85	Aug 27	1.2	Oct 7	.60	Aug 6 1992
INSTANTANEOUS PEAK FLOW			56	Jun 26	56	Jun 26 1995
INSTANTANEOUS PEAK STAGE			2.63	May 31	2.63	May 31 1995
ANNUAL RUNOFF (AC-FT)	1880		7740		3320	
10 PERCENT EXCEEDS	4.9		31		9.2	
50 PERCENT EXCEEDS	1.9		5.9		2.1	
90 PERCENT EXCEEDS	1.1		1.7		.90	

e Estimated

103366995 INCLINE CREEK AT HIGHWAY 28 AT INCLINE VILLAGE, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1990 to current year.

REMARKS.--In November 1989, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
OCT									
06...	1200	1.6	60	--	10.0	5.0	--	--	--
20...	1140	1.3	57	--	8.5	3.5	--	--	--
NOV									
05...	1300	5.1	60	--	4.0	2.0	--	--	--
DEC									
01...	1020	1.7	--	--	7.5	2.0	--	--	--
21...	1115	1.7	59	--	5.0	1.5	--	--	--
JAN									
06...	0854	1.7	--	--	0.0	1.0	--	--	--
09...	1940	2.8	100	--	3.0	2.5	--	--	--
13...	2300	9.0	109	--	3.0	2.0	--	--	--
25...	1345	1.7	121	7.8	2.5	2.5	595	11.1	105
FEB									
13...	1041	3.2	--	--	0.0	1.0	--	--	--
25...	1500	5.5	91	--	8.0	5.0	--	--	--
MAR									
09...	1410	19	68	--	1.5	1.5	--	--	--
13...	1815	10	94	--	3.0	3.0	--	--	--
29...	1050	4.5	96	--	2.0	1.5	598	11.0	100
APR									
03...	1430	7.5	97	6.9	10.0	6.5	--	--	--
12...	1240	8.3	76	--	14.5	5.5	--	--	--
24...	1410	8.0	68	--	13.0	6.5	--	--	--
25...	1620	14	57	--	14.0	5.5	--	--	--
28...	1255	11	63	--	4.5	4.0	--	--	--
29...	2030	14	65	--	3.5	3.5	--	--	--
MAY									
01...	1240	24	57	--	4.0	3.5	--	--	--
03...	1311	17	--	--	10.0	6.0	--	--	--
03...	1600	17	61	--	9.5	5.5	--	--	--
09...	1410	13	57	--	8.5	5.0	--	--	--
16...	1600	13	64	--	7.5	6.0	--	--	--
21...	1415	23	42	--	16.0	6.0	--	--	--
30...	1125	32	36	--	14.5	5.0	--	--	--
JUN									
02...	1542	41	--	--	15.0	5.0	--	--	--
07...	1022	34	--	--	2.0	3.0	--	--	--
12...	1115	37	31	--	18.5	5.0	605	10.0	99
22...	1820	38	27	7.5	19.0	6.5	607	9.7	99
26...	2205	53	26	--	9.0	6.0	--	--	--
JUL									
05...	1100	37	27	7.7	19.0	6.5	605	9.7	100
17...	1025	26	29	--	16.5	7.5	--	--	--
31...	1120	16	32	--	18.5	8.0	--	--	--
AUG									
28...	1310	7.8	38	7.2	18.5	7.5	605	9.6	101
SEP									
11...	1145	5.9	40	--	17.5	8.5	--	--	--

103366995 INCLINE CREEK AT HIGHWAY 28 AT INCLINE VILLAGE, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
OCT									
06...	--	--	--	--	--	--	--	--	--
20...	0.006	<0.001	0.11	0.033	0.016	0.008	637	--	--
NOV									
05...	0.010	0.002	0.34	0.171	0.061	0.041	2180	54	0.74
DEC									
01...	--	--	--	--	--	--	--	--	--
21...	0.028	0.001	0.07	0.032	0.022	0.009	637	3	0.01
JAN									
06...	--	--	--	--	--	--	--	--	--
09...	0.017	<0.001	0.57	0.119	0.036	0.008	2930	44	0.33
13...	0.025	<0.001	0.50	0.155	0.054	0.042	2420	49	1.2
25...	0.044	0.004	0.24	0.060	0.020	0.008	1610	17	0.08
FEB									
13...	--	--	--	--	--	--	--	--	--
25...	0.047	0.010	0.21	0.083	0.031	0.022	1260	16	0.24
MAR									
09...	0.029	0.006	1.5	0.544	0.061	0.056	13400	754	39
13...	0.040	0.008	0.29	0.171	0.047	0.037	1520	34	0.94
29...	0.052	0.009	0.04	0.046	0.021	0.012	806	6	0.07
APR									
03...	0.044	0.003	0.28	0.071	0.032	0.020	1070	17	0.35
12...	0.036	0.001	0.18	0.039	0.017	0.011	1260	13	0.29
24...	0.040	0.006	0.24	0.060	0.027	0.012	1860	23	0.50
25...	0.040	0.005	0.57	0.233	0.029	0.014	3440	--	--
28...	0.055	<0.001	0.20	0.038	0.029	0.010	1010	22	0.65
29...	0.047	0.001	0.50	0.111	0.033	0.015	2480	78	2.9
MAY									
01...	0.034	<0.001	0.67	0.207	0.038	0.022	5920	341	22
03...	--	--	--	--	--	--	--	--	--
03...	0.047	0.004	0.26	0.186	0.031	0.013	2640	123	5.8
09...	0.034	0.001	0.14	0.051	0.028	0.010	705	19	0.68
16...	0.037	0.005	0.17	0.072	0.029	0.015	--	42	1.5
21...	0.036	0.003	0.27	0.092	0.025	0.011	--	78	4.8
30...	0.025	0.001	0.44	0.098	0.020	0.014	1440	93	8.0
JUN									
02...	--	--	--	--	--	--	--	--	--
07...	--	--	--	--	--	--	--	--	--
12...	0.025	0.001	0.17	0.054	0.026	0.010	790	77	7.6
22...	0.023	0.001	0.22	0.102	0.026	0.011	1420	133	14
26...	0.027	0.002	1.2	0.136	0.028	0.015	3470	227	32
JUL									
05...	0.017	0.002	0.26	0.045	0.017	0.012	706	65	6.5
17...	0.005	0.001	0.11	0.050	0.021	0.013	478	23	1.6
31...	0.014	0.003	0.08	0.033	0.024	0.010	385	10	0.43
AUG									
28...	0.013	0.004	0.10	0.027	0.023	0.011	397	3	0.06
SEP									
11...	0.015	0.006	--	0.034	0.024	0.010	468	2	0.03

PYRAMID AND WINNEMUCCA LAKES BASIN

103366997 INCLINE CREEK TRIBUTARY AT COUNTRY CLUB DRIVE NEAR INCLINE VILLAGE, NV

LOCATION.--Lat 39°15'52", long 119°56'32", in NW 1/4 SE 1/4 sec.10, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, on right bank, 20 feet upstream of culvert on Country Club Drive, 300 ft upstream of junction of Country Club Drive and Village Boulevard, and 1.2 mi north of Incline Village.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--August 1989, water years 1991 to current year.

REMARKS.--In April 1991, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
FEB									
25...	1410	3.5	190	--	9.0	6.0	--	--	--
MAR									
13...	1700	3.8	124	--	2.5	3.0	--	--	--
APR									
03...	1330	3.5	190	7.5	10.0	6.0	--	--	--
25...	1515	6.0	162	--	15.0	7.5	--	--	--
29...	2000	8.0	161	--	3.5	4.0	--	--	--
MAY									
01...	1140	16	137	--	3.0	2.5	--	--	--
09...	1125	6.6	171	--	10.0	6.0	595	9.4	97
16...	1510	7.0	181	--	8.5	8.5	--	--	--
21...	1640	6.6	147	--	13.5	8.5	--	--	--
30...	1355	8.3	138	--	20.0	11.5	--	--	--
JUN									
12...	1255	4.7	135	--	21.5	10.5	595	8.5	98
27...	1955	6.2	140	--	19.0	10.5	--	--	--
JUL									
17...	1330	5.1	149	--	16.5	9.5	--	--	--
SEP									
11...	1420	3.1	156	7.8	21.0	10.0	595	8.6	98

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
FEB									
25...	0.093	0.004	0.30	0.093	0.017	0.009	1790	51	0.48
MAR									
13...	0.069	0.002	0.25	0.059	0.020	0.009	876	23	0.24
APR									
03...	0.079	<0.001	0.25	0.079	0.022	0.009	958	29	0.27
25...	0.054	0.003	0.51	0.164	0.028	0.010	2990	110	1.8
29...	0.083	<0.001	1.3	0.164	0.030	0.011	4510	168	3.6
MAY									
01...	0.081	<0.001	1.1	0.361	0.037	0.016	8170	348	15
09...	0.062	<0.001	0.15	0.044	0.032	0.007	608	23	0.41
16...	0.057	0.003	0.40	0.080	0.025	0.010	--	60	1.1
21...	0.057	0.002	0.31	0.087	0.023	0.009	--	58	1.0
30...	0.041	<0.001	0.26	0.073	0.017	0.012	982	69	1.5
JUN									
12...	0.029	0.006	0.15	0.039	0.031	0.006	549	16	0.20
27...	0.047	0.001	0.19	0.040	0.040	0.012	829	31	0.52
JUL									
17...	0.034	<0.001	0.15	0.063	0.026	0.009	443	20	0.28
SEP									
11...	0.032	0.003	0.28	0.036	0.030	0.008	403	8	0.07

PYRAMID AND WINNEMUCCA LAKES BASIN

10336700 INCLINE CREEK NEAR CRYSTAL BAY, NV

LOCATION.--Lat 39°14'25", long 119°56'38", in SW¼ NE¼ sec.22, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, on right bank, 500 ft upstream from culvert on Lakeshore Boulevard, 1,000 ft upstream from mouth, just below confluence with major tributary, and 3 mi east of Crystal Bay.

DRAINAGE AREA.--7.0 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1966 to September 1975, November 1987 to current year (low flow, partial-record site only, October 1966 to September 1969, October 1973 to February 1975).

GAGE.--Water-stage recorder. Datum of gage is 6,246.90 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, which are poor. No regular diversion above station. Possibly some light pumping or diversion of water for construction or irrigation. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.3	3.7	3.2	3.4	9.7	10	12	43	53	52	19	10
2	2.2	3.7	3.5	3.4	9.3	9.3	13	30	54	50	18	10
3	2.2	3.6	4.1	3.3	8.0	9.3	14	27	55	49	18	10
4	2.7	4.1	3.5	3.3	7.8	8.3	16	27	57	49	18	10
5	2.8	4.5	3.4	3.3	7.9	7.9	17	25	54	49	18	9.7
6	2.6	5.8	3.3	3.4	7.3	7.6	17	22	48	48	17	9.6
7	2.3	3.5	3.3	3.9	7.1	7.4	16	20	44	47	17	9.4
8	2.2	3.2	e3.3	3.8	6.9	7.6	14	20	40	47	16	9.4
9	2.2	3.5	e3.2	4.8	6.7	23	13	20	42	45	16	9.3
10	2.1	2.9	e3.2	5.8	6.8	23	13	22	45	43	16	9.2
11	2.1	2.8	3.2	4.5	6.9	18	14	22	48	41	16	9.0
12	2.2	2.8	3.3	4.3	6.7	15	16	20	49	38	15	8.8
13	2.3	2.8	3.2	8.9	6.1	14	16	20	50	36	15	8.7
14	2.3	2.9	3.2	12	5.6	15	14	21	48	35	15	8.5
15	2.3	2.8	3.1	6.8	5.4	17	13	21	48	33	14	8.4
16	2.4	2.9	3.3	5.6	5.1	16	11	20	46	32	14	8.3
17	2.4	3.1	3.4	5.1	4.9	15	11	22	42	33	14	8.8
18	2.3	e3.0	3.3	4.8	5.3	18	10	25	44	34	14	8.6
19	2.3	e2.8	3.4	4.7	6.2	16	9.8	28	43	32	13	8.1
20	2.3	e2.9	3.5	4.5	7.4	17	9.8	32	42	31	13	8.0
21	2.3	3.1	3.6	4.3	8.3	15	9.6	34	42	29	13	7.9
22	2.3	3.1	3.5	4.3	9.2	13	10	38	45	28	13	7.9
23	2.3	3.0	3.5	4.3	9.9	12	12	37	45	27	13	7.8
24	2.3	3.0	3.5	4.2	11	11	15	36	47	25	13	7.8
25	2.2	3.1	3.4	4.1	11	10	18	36	50	24	12	7.9
26	2.3	e2.9	3.4	3.9	10	9.5	19	37	55	23	12	7.7
27	2.2	e2.9	3.3	3.9	9.9	9.3	19	40	55	22	11	7.8
28	2.5	e2.9	3.3	4.1	9.8	9.0	17	42	55	22	11	7.7
29	2.8	e3.0	3.3	4.3	---	8.8	19	44	54	21	11	7.8
30	3.1	e3.1	e3.4	4.5	---	9.3	20	46	53	20	11	7.7
31	3.5	---	e3.4	6.9	---	11	---	51	---	19	11	---
TOTAL	74.3	97.4	104.5	148.4	216.2	392.3	428.2	928	1453	1084	447	259.8
MEAN	2.40	3.25	3.37	4.79	7.72	12.7	14.3	29.9	48.4	35.0	14.4	8.66
MAX	3.5	5.8	4.1	12	11	23	20	51	57	52	19	10
MIN	2.1	2.8	3.1	3.3	4.9	7.4	9.6	20	40	19	11	7.7
AC-FT	147	193	207	294	429	778	849	1840	2880	2150	887	515

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1970 - 1995, BY WATER YEAR (WY)

MEAN	3.38	3.66	3.71	4.23	4.60	7.06	9.11	13.7	12.8	7.15	4.15	3.40
MAX	5.54	5.71	5.41	11.5	8.70	13.0	15.7	29.9	48.4	35.0	14.4	8.66
(WY)	1970	1971	1973	1970	1970	1993	1993	1995	1995	1995	1995	1995
MIN	1.35	1.82	2.07	2.06	2.64	3.72	3.55	2.71	2.04	1.19	.99	1.05
(WY)	1989	1993	1993	1993	1991	1992	1988	1988	1988	1988	1988	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1970 - 1995	
ANNUAL TOTAL	1422.0		5633.1			
ANNUAL MEAN	3.90		15.4		6.55	
HIGHEST ANNUAL MEAN					15.4	1995
LOWEST ANNUAL MEAN					2.51	1992
HIGHEST DAILY MEAN	9.3	May 9	57	Jun 4	57	Jun 4 1995
LOWEST DAILY MEAN	1.4	Aug 17	2.1	Oct 10	.86	Aug 11 1992
ANNUAL SEVEN-DAY MINIMUM	1.5	Aug 14	2.2	Oct 7	.91	Aug 21 1988
INSTANTANEOUS PEAK FLOW			73	Jun 26	87	Jan 21 1970
INSTANTANEOUS PEAK STAGE			3.04	Jun 26	3.42	Dec 7 1972
ANNUAL RUNOFF (AC-FT)	2820		11170		4740	
10 PERCENT EXCEEDS	6.8		43		14	
50 PERCENT EXCEEDS	3.4		9.7		4.3	
90 PERCENT EXCEEDS	1.7		2.9		1.7	

e Estimated

10336700 INCLINE CREEK NEAR CRYSTAL BAY, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1970-73, 1978-79, 1988 to current year.

REMARKS.--In November 1987, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
OCT									
12...	0944	2.3	87	--	9.5	9.0	--	--	--
20...	1300	2.3	83	--	10.5	5.0	--	--	--
NOV									
05...	1200	4.7	83	--	5.0	2.5	--	--	--
06...	1055	5.8	93	--	5.5	3.5	--	--	--
DEC									
01...	0835	3.2	--	--	-2.0	0.5	--	--	--
21...	1230	3.3	97	--	5.0	2.0	--	--	--
JAN									
05...	1037	3.2	--	--	0.0	0.5	--	--	--
09...	1230	5.1	148	--	5.0	3.0	--	--	--
09...	1900	6.3	154	--	3.0	2.0	--	--	--
13...	1500	13	138	--	3.5	2.0	--	--	--
14...	1100	13	140	--	2.5	2.5	--	--	--
25...	1500	4.5	145	7.2	2.5	3.0	596	10.7	102
FEB									
01...	1015	7.8	130	--	6.5	4.0	--	--	--
13...	1403	6.3	--	--	0.0	0.5	--	--	--
25...	1540	12	142	--	8.5	5.5	--	--	--
MAR									
09...	1115	24	--	--	5.0	3.0	--	--	--
09...	1215	24	102	--	6.0	2.5	--	--	--
10...	1140	23	119	--	1.5	1.0	--	--	--
13...	1425	14	119	--	6.5	3.5	--	--	--
20...	0940	18	139	--	2.5	1.5	--	--	--
29...	0923	8.5	--	--	3.0	1.0	--	--	--
29...	1250	9.2	143	7.6	3.5	3.5	606	10.4	99
APR									
03...	1515	14	141	--	11.5	7.0	--	--	--
12...	1335	14	126	--	10.0	6.0	--	--	--
24...	1110	12	108	--	8.0	4.5	--	--	--
25...	1835	22	99	--	10.0	5.5	--	--	--
26...	1045	16	105	--	9.5	4.0	--	--	--
28...	1445	15	112	--	5.0	4.0	--	--	--
29...	1830	21	110	--	6.5	4.5	--	--	--
MAY									
01...	0910	43	86	--	2.0	3.5	--	--	--
03...	1430	26	104	--	11.0	6.5	--	--	--
03...	1512	30	--	--	9.5	6.5	--	--	--
09...	1550	19	102	--	7.5	5.5	--	--	--
16...	1300	20	110	--	11.5	7.0	--	--	--
19...	1945	38	74	--	10.0	5.0	--	--	--
21...	1250	33	78	--	16.0	6.5	--	--	--
22...	1520	41	78	--	9.5	5.0	--	--	--
30...	1000	44	64	--	13.0	5.5	--	--	--
30...	1550	53	58	--	19.5	7.5	--	--	--
31...	1005	48	61	--	13.0	5.5	--	--	--
31...	1900	61	48	--	15.0	5.5	--	--	--
JUN									
05...	1130	50	54	--	7.5	5.0	--	--	--
07...	0910	44	--	--	2.0	3.0	--	--	--
07...	1510	39	59	7.7	5.5	5.5	600	9.8	99
12...	1000	40	51	--	17.0	4.5	--	--	--
12...	1900	53	42	--	16.0	6.0	--	--	--
22...	1930	47	43	7.7	15.0	7.0	609	9.9	102
24...	1840	50	39	--	23.0	7.5	--	--	--
26...	1805	71	44	--	14.0	8.0	--	--	--
29...	1650	51	38	--	22.0	9.0	--	--	--
JUL									
05...	0930	42	43	8.0	16.0	6.5	605	9.7	100
17...	0920	27	50	--	17.5	6.5	--	--	--
31...	1020	17	60	--	17.0	8.0	--	--	--
31...	1400	20	--	--	26.5	10.0	--	--	--
AUG									
28...	1145	12	70	7.5	16.5	7.0	605	9.6	100
SEP									
11...	1040	9.0	74	--	16.0	8.0	--	--	--

10336700 INCLINE CREEK NEAR CRYSTAL BAY, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	IRON, BIO. REACTIVE TOTAL (UG/L AS FE) (46568)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE SUSPENDED (T/DAY.) (80155)	SED. SUSP. SIEVE DIAM., % FINER THAN (062 MM) (70331)
OCT										
12...	--	--	--	--	--	--	--	--	--	--
20...	0.004	<0.001	0.14	0.026	0.015	0.007	467	5	0.03	--
NOV										
05...	0.009	0.002	0.45	0.132	0.057	0.040	2010	50	0.64	--
06...	0.009	0.001	0.41	0.130	0.037	0.018	2370	42	0.66	--
DEC										
01...	--	--	--	--	--	--	--	--	--	--
21...	0.030	<0.001	0.09	0.029	0.021	0.006	536	3	0.03	--
JAN										
05...	--	--	--	--	--	--	--	--	--	--
09...	0.034	<0.001	0.59	0.125	0.039	0.013	3530	51	0.71	--
09...	0.041	<0.001	0.75	0.206	0.039	0.014	3600	59	1.0	--
13...	0.035	<0.001	0.97	0.334	0.041	0.029	6570	180	6.3	--
14...	0.029	0.002	0.91	0.111	0.038	0.026	2090	47	1.6	--
25...	0.044	0.001	0.14	0.046	0.019	0.005	1350	12	0.15	--
FEB										
01...	0.045	0.001	0.31	0.052	0.027	0.014	1410	18	0.38	--
13...	--	--	--	--	--	--	--	--	--	--
25...	0.056	0.006	0.30	0.087	0.024	0.015	1780	35	1.1	--
MAR										
09...	--	--	--	--	--	--	--	--	--	--
09...	0.034	<0.001	2.1	0.810	0.046	0.037	28500	778	51	--
10...	0.018	<0.001	0.35	0.125	0.036	0.036	1780	56	3.4	--
13...	0.041	0.005	0.20	0.064	0.027	0.019	993	13	0.49	--
20...	0.049	<0.001	0.21	0.065	0.031	0.017	859	19	0.92	--
29...	--	--	--	--	--	--	--	--	--	--
29...	0.046	0.007	0.18	0.038	0.021	0.009	841	7	0.17	--
APR										
03...	0.039	0.003	0.30	0.072	0.025	0.015	1150	26	0.98	--
12...	0.039	0.001	0.27	0.044	0.018	0.012	766	18	0.70	--
24...	0.037	0.004	0.19	0.035	0.018	0.008	1220	14	0.45	--
25...	0.039	0.004	0.81	0.307	0.023	0.012	4450	129	7.7	--
26...	0.042	0.004	0.32	0.058	0.026	0.010	1560	23	1.0	--
28...	0.057	<0.001	0.20	0.041	0.021	0.009	993	17	0.71	--
29...	0.031	0.001	0.57	0.128	0.025	0.007	3570	87	4.9	--
MAY										
01...	0.040	0.001	2.2	0.339	0.037	0.018	8630	392	45	--
03...	0.051	0.003	0.14	0.088	0.032	0.012	1300	67	4.8	--
03...	--	--	--	--	--	--	--	--	--	--
09...	0.032	0.005	0.17	0.044	0.021	0.008	717	24	1.2	--
16...	0.032	0.004	0.15	0.044	0.023	0.008	--	46	2.5	--
19...	0.038	0.003	0.91	0.272	0.025	0.011	--	216	22	--
21...	0.036	0.003	0.25	0.084	0.024	0.010	--	92	8.1	--
22...	0.030	<0.001	0.72	0.226	0.029	0.014	1910	158	18	--
30...	0.023	<0.001	0.75	0.052	0.017	0.013	1630	69	8.2	--
30...	0.026	<0.001	0.79	0.069	0.021	0.015	1500	202	29	--
31...	0.021	<0.001	--	0.042	0.018	0.011	2730	111	14	--
31...	0.014	<0.001	1.7	0.318	0.022	0.015	1700	496	81	--
JUN										
05...	0.028	<0.001	0.28	0.047	0.021	0.013	1390	89	12	--
07...	--	--	--	--	--	--	--	--	--	--
07...	0.026	0.001	0.21	0.065	0.019	0.012	728	49	5.2	--
12...	0.018	0.003	0.19	0.047	0.021	0.005	784	60	6.5	--
12...	0.025	0.001	0.36	0.103	0.023	0.010	1840	155	22	--
22...	0.025	0.001	0.41	0.079	0.023	0.010	1510	108	14	--
24...	0.025	0.001	0.54	0.127	0.026	0.012	2310	128	17	--
26...	0.038	0.001	2.9	0.833	0.049	0.031	16200	546	105	59
29...	0.022	<0.001	0.35	0.099	0.019	0.014	2190	244	34	--
JUL										
05...	0.019	0.003	0.23	0.048	0.017	0.012	983	40	4.5	--
17...	0.017	0.001	0.12	0.051	0.021	0.011	478	25	1.8	--
31...	0.017	0.002	0.09	0.040	0.020	0.011	411	10	0.46	--
31...	--	--	--	--	--	--	--	--	--	--
AUG										
28...	0.012	0.001	0.09	0.028	0.020	0.010	346	5	0.16	--
SEP										
11...	0.019	0.006	0.08	0.034	0.022	0.010	494	7	0.17	--

PYRAMID AND WINNEMUCCA LAKES BASIN

10336710 MARLETTE LAKE NEAR CARSON CITY, NV

LOCATION.--Lat 39°10'22", long 119°54'15", in SW $^1/_4$ SE $^1/_4$ sec.12, T.15 N., R.18 E., Washoe County, Hydrologic Unit 16050101, in Toiyabe National Forest, on west shore, about 1,000 ft east from left side of dam on Marlette Creek, and 7.5 mi west of Carson City.

DRAINAGE AREA.--2.86 mi^2.

PERIOD OF RECORD.--November 1973 to current year.

REVISED RECORDS.--WDR NV-80-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is above sea level (spillway elevation furnished in written communication, 1971).

REMARKS.--Lake is formed by earthfill dam across the outlet of a small natural lake (at one time called Goodwin Lake) on Marlette Creek, built in 1873 to provide water for fluming lumber from Spooner Summit to Carson City. The dam was built higher in 1876 and used to divert water by flume and siphon to Virginia City, until the flume was abandoned prior to 1963. The dam was raised to its present elevation in 1959. Present capacity, 11,780 acre-ft at spillway; elevation, 7,838.0 ft. Figures given herein represent total contents. Stored water is used for spawning cutthroat trout and in dry years is pumped over the mountain to the Hobart system for municipal and domestic use outside the basin in Virginia City and Carson City. Lake freezes over in winter.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded contents, 12,320 acre-ft, February 19, 1986, elevation, 7,839.23 ft; minimum, 10,970 acre-ft, November 10-13, 1976, elevation, 7,835.8 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 12,200 acre-ft, June 8-17, elevation, 7,838.96 ft; minimum, 10,980 acre-ft, October 31-November 4, elevation, 7,835.87 ft.

Capacity table (elevation, in feet, contents, in acre-feet)

7,835	10,650	7,838	11,790
7,836	11,030	7,839	12,220
7,837	11,410	7,840	12,650

RESERVOIR STORAGE (AC-FT), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
INSTANTANEOUS OBSERVATION AT 2400

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11080	10980	e11240	11450	11880	11890	e11920	e11940	e12180	12110	11920	11840
2	11070	10980	e11250	11460	11870	11910	e11920	e11940	e12180	12110	11920	11840
3	11070	10980	e11250	11450	11870	11950	e11920	e11940	e12180	12100	11920	11840
4	11070	10980	e11260	11470	11870	11940	e11920	e11940	e12180	12090	11910	11840
5	11060	11060	e11270	11480	11870	11940	e11910	e11940	e12180	12080	11910	11830
6	11060	11070	e11280	11500	11870	11930	11910	e11960	e12180	12070	11910	11830
7	11050	11080	e11290	11530	11880	11920	11960	e11960	e12180	12060	11900	11830
8	11050	11080	e11300	11540	11870	11920	11930	e11960	e12200	12050	11890	11830
9	11050	11110	e11310	11560	11870	11960	11920	e11960	e12200	12040	11890	11830
10	11040	11110	e11310	11650	11870	12050	11910	e11960	e12200	12020	11880	11830
11	11040	11110	e11320	11660	11870	12060	11910	e11960	e12200	12020	11880	11830
12	11030	11110	e11330	11660	11860	12040	11910	e11980	e12200	12000	11870	11830
13	11030	11110	e11340	11700	11900	12030	11940	e11980	e12200	12000	11870	11830
14	11030	11110	e11350	11750	11900	12010	11940	e11980	e12200	12000	11880	11830
15	11020	11120	e11360	11780	11900	12000	11930	e11980	e12200	11990	11870	11830
16	11020	11110	e11360	11780	11890	11980	11940	e12000	e12200	11990	11870	11820
17	11020	e11120	e11370	11780	11890	11960	11930	e12000	e12200	11990	11860	11820
18	11020	e11130	e11380	11780	11890	11980	11930	e12000	e12180	11990	11860	11830
19	11020	e11140	11390	11780	11890	11960	11920	e12020	e12180	11990	11860	11830
20	11020	e11140	11400	11790	11890	e11960	11940	e12020	e12180	11990	11860	11830
21	11020	e11150	11400	11790	11880	e11950	11930	e12040	e12180	11980	11870	11820
22	11020	e11160	11400	11790	11880	e11950	11920	e12060	e12180	11970	11870	11820
23	11010	e11170	11400	11800	11880	e11950	11920	e12080	e12180	11970	11860	11810
24	11010	e11180	11420	11810	11880	e11950	11920	e12100	e12180	11960	11860	11820
25	11010	e11190	11420	11820	11880	e11940	11920	e12120	e12160	11960	11860	11810
26	11010	e11190	11420	11840	11870	e11940	11910	e12120	e12160	11960	11860	11810
27	11000	e11200	11430	11860	11870	e11940	11940	e12140	e12160	11950	11850	11810
28	11000	e11210	11440	11860	11870	e11940	e11940	e12140	e12140	11960	11860	11810
29	11000	e11220	11440	11860	---	e11930	e11940	e12160	e12120	11940	11850	11810
30	11000	e11230	11440	11860	---	e11930	e11940	e12160	12120	11930	11850	11810
31	10980	---	11450	11870	---	e11930	---	e12160	---	11930	11850	---
MAX	11080	11230	11450	11870	11900	12060	11960	12160	12200	12110	11920	11840
MIN	10980	10980	11240	11450	11860	11890	11910	11940	12120	11930	11850	11810
#	7835.86	7836.53	7837.10	7838.21	7838.21	7838.34	7838.36	7838.87	7838.77	7838.33	7838.14	7838.04
##	-100	+250	+220	+420	0	+60	+10	+220	-40	-190	-80	-40

CAL YR 1994 MAX 11970 MIN 10980 ## +350
WTR YR 1995 MAX 12200 MIN 10980 ## +730

\# Elevation, in feet above sea level, at end of month.
Change in contents, in acre-feet.

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

10336715 MARLETTE CREEK NEAR CARSON CITY, NV

LOCATION.--Lat 39°10'20", long 119°54'25", in SE $^1/_4$ SW $^1/_4$ sec.12, T.15 N., R.18 E., Washoe County, Hydrologic Unit 16050101, in Toiyabe National Forest, on left bank, about 300 ft below dam on Marlette Lake (station 10336710), 0.7 mi upstream from Marlette Reservoir, and 7 mi west of Carson City.

DRAINAGE AREA.--2.86 mi^2.

PERIOD OF RECORD.--October 1973 to current year.

REVISED RECORDS.--WDR NV-80-1.

GAGE.--Water-stage recorder. Elevation of gage is 7,760 ft above sea level, from topographic map.

REMARKS.--Records fair except for winter months, which are poor. Flow regulated at Marlette Lake 300 ft upstream. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.02	.12	e.08	e.03	.08	1.7	7.1	9.7	16	8.2	3.1	.70
2	.02	.12	.07	e.04	.87	2.0	6.9	10	17	8.9	2.8	.67
3	.02	.13	.07	e.04	1.1	4.1	6.4	9.9	17	10	2.7	.69
4	.02	.14	.09	e.04	1.1	4.7	6.2	9.5	17	9.2	2.7	.63
5	.03	.23	.16	e.04	1.2	5.0	5.9	9.3	17	8.5	2.6	.53
6	.03	.30	.18	e.04	1.1	4.6	5.8	9.6	16	9.7	2.6	.52
7	.03	.29	e.14	e.04	1.2	4.7	6.4	9.3	17	10	2.6	.51
8	.03	.29	e.12	e.04	1.3	4.8	6.5	8.7	16	9.5	2.3	.40
9	.03	.29	e.10	e.04	1.3	6.6	6.2	8.5	15	9.2	2.2	.39
10	.03	.26	e.09	e.04	1.2	9.4	6.0	8.4	15	8.7	2.0	.40
11	.03	.28	e.08	e.04	1.2	13	5.8	8.5	15	8.0	1.7	.40
12	.03	.29	e.07	e.04	1.6	13	5.6	8.3	15	7.6	1.7	.40
13	.03	.28	e.06	e.05	1.6	12	6.6	9.0	15	7.1	1.7	.39
14	.03	.27	e.05	e.05	1.9	11	6.9	11	16	6.5	1.6	.33
15	.03	.29	e.04	e.05	1.8	11	6.7	11	16	6.2	1.6	.33
16	.03	.27	e.04	e.05	1.8	9.5	6.6	11	18	6.0	1.7	.32
17	.03	.27	e.03	e.05	1.7	8.7	6.4	10	18	5.4	1.3	.22
18	.03	.25	e.02	e.05	1.5	9.1	6.3	10	17	4.7	1.2	.24
19	.03	.25	e.02	.04	1.5	8.8	6.1	9.8	16	5.2	1.1	.26
20	.04	.22	e.02	.04	1.4	9.4	6.7	9.9	15	5.3	1.0	.24
21	.04	e.20	e.02	.03	1.4	11	6.4	10	14	5.0	1.1	.22
22	.06	e.18	e.02	.03	1.3	11	6.0	11	14	4.6	1.1	.16
23	.06	e.16	e.02	.03	1.3	14	5.7	12	14	4.7	1.2	.17
24	.06	e.15	e.02	.03	1.3	13	5.6	12	13	4.9	1.2	.14
25	.08	e.14	e.02	.03	1.2	12	5.5	13	11	4.7	1.1	.17
26	.08	e.12	e.03	.05	1.2	11	5.4	13	10	4.5	1.1	.14
27	.09	e.11	e.03	.29	1.2	10	6.0	13	8.6	3.9	1.0	.13
28	.10	e.10	e.03	.60	1.2	9.3	7.0	13	8.9	3.5	.96	.20
29	.10	e.09	e.03	.64	---	8.5	8.0	13	8.7	3.8	.84	.08
30	.11	e.09	e.03	.78	---	7.9	7.3	13	8.4	3.7	1.2	.06
31	.11	---	e.03	.60	---	7.5	---	14	---	3.4	.74	---
TOTAL	1.46	6.18	1.81	3.96	36.55	268.3	190.0	328.4	434.6	200.6	51.74	10.04
MEAN	.047	.21	.058	.13	1.31	8.65	6.33	10.6	14.5	6.47	1.67	.33
MAX	.11	.30	.18	.78	1.9	14	8.0	14	18	10	3.1	.70
MIN	.02	.09	.02	.03	.08	1.7	5.4	8.3	8.4	3.4	.74	.06
AC-FT	2.9	12	3.6	7.9	72	532	377	651	862	398	103	20

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1995, BY WATER YEAR (WY)

MEAN	.51	1.38	1.69	2.44	3.90	3.92	3.98	4.72	4.15	1.52	.42	.26
MAX	3.55	12.2	9.71	5.85	17.4	8.65	7.13	10.7	29.8	12.9	4.18	3.46
(WY)	1984	1984	1984	1980	1986	1995	1982	1983	1983	1983	1983	1983
MIN	.022	.030	.022	.010	.000	.040	.019	.11	.040	.014	.022	.020
(WY)	1988	1991	1991	1993	1993	1977	1991	1977	1976	1990	1990	1975

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1974 - 1995	
ANNUAL TOTAL	414.22		1533.64			
ANNUAL MEAN	1.13		4.20		2.40	
HIGHEST ANNUAL MEAN					8.29	1983
LOWEST ANNUAL MEAN					.058	1977
HIGHEST DAILY MEAN	6.1	Feb 19	18	Jun 16	63	Feb 19 1986
LOWEST DAILY MEAN	.02	Sep 19	.02	Oct 1	.00	Jul 12 1975
ANNUAL SEVEN-DAY MINIMUM	.02	Sep 19	.02	Dec 18	.00	Jan 22 1993
INSTANTANEOUS PEAK FLOW			26	Aug 30	70	Feb 20 1986
INSTANTANEOUS PEAK STAGE			2.78	Aug 30	3.20	Feb 20 1986
ANNUAL RUNOFF (AC-FT)	822		3040		1740	
10 PERCENT EXCEEDS	3.6		12		6.3	
50 PERCENT EXCEEDS	.12		1.3		.53	
90 PERCENT EXCEEDS	.03		.03		.03	

e Estimated

10336725 GLENBROOK CREEK AT OLD HIGHWAY 50 NEAR GLENBROOK, NV

LOCATION.--Lat 39°05'12", long 119°55'51", in SW $^1/_4$ SW $^1/_4$ sec.11, T.14 N., R.18 E., Douglas County, Hydrologic Unit 16050101, on left bank, 300 ft upstream of culvert on Old Highway 50, 0.5 mi east of Glenbrook, and 1.6 mi southwest of Spooner Lake.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1972-74, August 1989, 1991 to current year.

REMARKS.--In April 1991, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
MAR									
01...	1005	1.6	833	--	4.0	3.0	--	--	--
09...	1100	6.0	697	--	5.0	3.0	--	--	--
APR									
04...	1120	3.8	559	--	6.5	3.5	--	--	--
26...	1045	5.0	399	--	11.5	5.0	--	--	--
MAY									
10...	1130	7.0	278	7.3	10.0	6.5	603	10.1	104
18...	2125	8.0	216	--	6.5	5.5	--	--	--
30...	2030	16	137	--	11.0	6.5	--	--	--
JUN									
13...	1910	8.6	175	8.0	15.0	10.0	597	9.0	102
SEP									
13...	1405	0.79	383	--	18.0	12.0	--	--	--

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
MAR									
01...	0.017	0.007	0.21	0.090	0.014	0.006	1040	20	0.09
09...	0.019	<0.001	0.62	0.283	0.022	0.013	9450	187	3.0
APR									
04...	0.012	<0.001	0.18	0.034	0.021	0.008	395	9	0.09
26...	0.006	<0.001	--	0.038	0.022	0.011	449	9	0.12
MAY									
10...	0.004	<0.001	0.13	0.036	0.026	0.014	280	9	0.17
18...	0.005	0.001	0.28	0.081	0.036	0.015	--	38	0.82
30...	0.006	<0.001	0.41	0.114	0.025	0.016	1550	66	2.9
JUN									
13...	0.006	<0.001	0.24	0.033	0.026	0.011	248	7	0.16
SEP									
13...	0.011	0.003	0.10	0.042	0.037	0.019	241	1	<.01

PYRAMID AND WINNEMUCCA LAKES BASIN

10336730 GLENBROOK CREEK AT GLENBROOK, NV

LOCATION.--Lat 39°05'15", long 119 56'20", in NE 1/4 SE 1/4 sec.10, T.14 N., R.18 E., Douglas County, Hydrologic Unit 16050101, on left bank, 50 ft upstream from culvert, 100 ft upstream from mouth at Glenbrook, and 1.8 mi southwest of Spooner Lake.

DRAINAGE AREA.--4.07 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1967-1971. October 1971 to September 1975, November 1987 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,240 ft above sea level, from topographic map. Prior to November 16, 1987, at different datum.

REMARKS.--No estimated daily discharges. Records fair. Flow may be affected by pumping or diverting for irrigation above station. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.06	.63	.41	.46	2.2	1.9	4.0	16	13	4.1	1.4	1.0
2	.05	.78	.44	.46	2.0	1.7	4.1	14	12	3.9	1.3	1.0
3	.06	.84	.54	.47	1.7	2.0	4.3	12	12	3.7	1.2	.96
4	.11	.90	.55	.41	1.6	1.7	4.7	15	12	3.6	1.3	.96
5	.18	1.7	.50	.36	1.6	1.7	5.2	18	11	3.5	1.2	.96
6	.21	.95	.48	.38	1.5	1.6	5.5	14	10	3.3	1.2	.96
7	.21	.52	.46	.52	1.5	1.6	6.1	9.9	10	3.2	1.2	.96
8	.22	.45	.46	.49	1.5	1.6	5.5	9.8	9.6	3.1	1.2	.96
9	.22	.46	.47	.63	1.2	5.5	4.8	9.5	9.0	3.1	1.2	.96
10	.23	.49	.47	2.1	1.1	11	4.7	8.5	9.1	2.9	1.2	.96
11	.27	.47	.47	1.5	1.1	8.3	5.0	9.0	9.0	2.8	1.1	.96
12	.29	.47	.47	1.3	1.1	5.2	5.4	8.6	8.9	2.8	1.1	.96
13	.32	.47	.47	2.0	1.1	4.7	5.7	7.6	8.6	2.7	1.1	.85
14	.36	.47	.47	2.7	1.1	4.9	5.0	7.7	8.1	2.6	1.1	.79
15	.30	.47	.47	1.8	1.0	5.5	4.3	7.6	8.6	2.5	1.0	.79
16	.30	.47	.47	1.4	1.0	5.2	4.1	6.8	8.6	2.4	1.1	.78
17	.33	.47	.47	1.3	1.0	4.7	3.8	7.3	7.7	2.4	1.1	.76
18	.30	.51	.47	1.3	1.0	6.6	3.6	8.6	7.1	2.5	1.0	.74
19	.30	.51	.47	1.2	1.1	5.8	3.5	9.3	6.6	2.5	1.0	.75
20	.30	.53	.47	1.2	1.1	6.3	3.5	11	6.3	2.3	1.0	.75
21	.30	.53	.47	1.2	1.2	5.5	3.4	12	6.0	2.2	1.1	.74
22	.30	.51	.47	1.1	1.3	4.8	3.3	12	5.8	2.1	1.1	.76
23	.30	.42	.48	1.1	1.4	4.5	3.5	12	5.4	2.0	1.1	.76
24	.30	.36	.47	1.1	1.5	3.9	4.1	10	5.2	1.9	1.0	.73
25	.30	.36	.47	1.1	1.5	3.5	4.7	9.0	5.3	1.9	1.0	.74
26	.30	.37	.47	1.1	1.6	3.4	5.1	10	5.3	1.8	1.0	.76
27	.31	.38	.47	1.2	1.6	3.3	6.0	11	5.1	1.6	1.0	.77
28	.35	.40	.48	1.2	1.5	3.2	5.5	11	4.8	1.6	1.0	.78
29	.44	.40	.47	1.2	---	3.1	6.5	12	4.5	1.5	1.0	.81
30	.47	.40	.46	1.3	---	3.3	7.7	12	4.3	1.5	1.0	.83
31	.49	---	.46	1.7	---	3.5	---	13	---	1.4	1.0	---
TOTAL	8.48	16.69	14.65	35.28	38.1	129.5	142.6	334.2	238.9	79.4	34.3	25.49
MEAN	.27	.56	.47	1.14	1.36	4.18	4.75	10.8	7.96	2.56	1.11	.85
MAX	.49	1.7	.55	2.7	2.2	11	7.7	18	13	4.1	1.4	1.0
MIN	.05	.36	.41	.36	1.0	1.6	3.3	6.8	4.3	1.4	1.0	.73
AC-FT	17	33	29	70	76	257	283	663	474	157	68	51

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 1995, BY WATER YEAR (WY)

MEAN	.54	.72	.78	.86	.93	1.82	2.23	3.41	1.67	.56	.32	.29
MAX	1.33	1.26	1.69	1.70	1.49	4.18	4.75	10.8	7.96	2.56	1.11	.85
(WY)	1972	1974	1974	1974	1973	1995	1995	1995	1995	1995	1995	1995
MIN	.16	.31	.34	.32	.41	.66	.63	.33	.24	.076	.014	.036
(WY)	1993	1993	1991	1991	1991	1991	1992	1992	1992	1991	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1972 - 1995	
ANNUAL TOTAL	183.64		1097.59			
ANNUAL MEAN	.50		3.01		1.23	
HIGHEST ANNUAL MEAN					3.01	1995
LOWEST ANNUAL MEAN					.36	1992
HIGHEST DAILY MEAN	1.7	Nov 5	18	May 5	18	May 14 1975
LOWEST DAILY MEAN	.00	Aug 12	.05	Oct 2	.00	Aug 12 1994
ANNUAL SEVEN-DAY MINIMUM	.00	Aug 11	.13	Oct 1	.00	Aug 11 1994
INSTANTANEOUS PEAK FLOW			25	May 4	25	May 14 1975
INSTANTANEOUS PEAK STAGE			2.65	May 4	2.65	May 4 1995
ANNUAL RUNOFF (AC-FT)	364		2180		891	
10 PERCENT EXCEEDS	1.1		8.7		2.6	
50 PERCENT EXCEEDS	.47		1.3		.68	
90 PERCENT EXCEEDS	.02		.40		.13	

PYRAMID AND WINNEMUCCA LAKES BASIN

10336730 GLENBROOK CREEK AT GLENBROOK, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1971-74, July 1987, 1988 to current year.

REMARKS.--In November 1987, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
OCT									
05...	0942	0.16	--	--	3.0	5.0	--	--	--
20...	0920	0.30	608	--	3.5	3.0	--	--	--
NOV									
05...	1415	3.0	744	--	4.5	4.0	--	--	--
06...	1145	1.5	758	--	6.0	5.0	--	--	--
22...	1030	0.44	--	--	3.0	0.5	--	--	--
DEC									
21...	1430	0.47	640	--	4.5	2.0	--	--	--
JAN									
09...	1345	0.78	785	--	4.5	2.5	--	--	--
10...	0830	2.6	--	--	3.5	0.5	--	--	--
10...	1030	3.6	900	--	2.0	1.0	--	--	--
13...	1610	2.1	767	--	4.0	2.0	--	--	--
14...	1200	3.3	750	--	3.0	2.0	--	--	--
31...	1240	1.7	781	7.6	10.0	3.5	609	10.9	103
FEB									
09...	0854	1.3	--	--	4.5	2.0	--	--	--
24...	1600	1.5	701	--	10.5	4.0	--	--	--
MAR									
01...	1040	1.9	666	--	5.5	3.0	--	--	--
09...	1010	6.1	651	--	7.5	4.5	--	--	--
09...	1438	12	--	--	3.0	2.0	--	--	--
09...	2050	9.0	582	--	3.0	2.0	--	--	--
10...	0910	10	538	--	3.5	2.5	--	--	--
10...	1211	12	--	--	2.0	2.0	--	--	--
10...	1820	18	509	--	1.0	1.0	--	--	--
13...	1020	5.4	537	--	5.0	3.0	--	--	--
20...	0910	8.5	517	--	3.0	3.5	--	--	--
28...	0930	3.2	626	7.1	1.0	1.5	--	--	--
29...	1453	3.2	--	--	7.0	3.0	--	--	--
APR									
04...	1230	4.4	523	--	8.0	5.0	--	--	--
12...	1555	5.6	460	--	9.0	6.5	--	--	--
25...	1230	4.5	428	--	15.0	7.0	--	--	--
25...	2050	5.6	420	--	9.0	6.0	--	--	--
27...	1355	7.6	396	--	5.5	5.0	--	--	--
28...	1715	5.9	400	--	5.0	5.5	--	--	--
MAY									
01...	1440	20	267	--	4.0	4.5	--	--	--
01...	1900	22	256	--	4.5	4.5	--	--	--
04...	1020	10	292	--	8.0	5.0	--	--	--
04...	1353	10	--	--	8.5	7.0	--	--	--
10...	1250	7.4	287	7.3	13.0	7.0	604	9.5	99
18...	1210	8.0	273	--	13.0	8.5	--	--	--
18...	2100	10	239	--	7.0	7.0	--	--	--
22...	1415	12	200	--	8.0	5.5	--	--	--
22...	2150	15	195	--	4.5	5.0	--	--	--
30...	1145	11	181	--	18.0	8.0	--	--	--
30...	2130	18	149	--	8.5	6.5	--	--	--
JUN									
02...	1900	16	152	--	13.5	9.5	--	--	--
08...	1201	9.2	--	--	10.0	6.0	--	--	--
13...	2000	8.9	185	7.7	13.5	10.5	604	8.5	96
30...	1600	4.7	242	--	22.0	13.0	--	--	--
JUL									
18...	1050	2.0	314	8.0	19.0	10.0	607	9.0	101
18...	1920	3.0	305	--	14.5	12.0	--	--	--
31...	1410	1.8	350	--	21.5	13.0	--	--	--
AUG									
02...	1126	1.5	--	--	19.0	--	--	--	--
28...	1505	1.0	378	7.7	19.0	11.0	605	8.2	94
SEP									
13...	0835	0.90	--	--	9.0	8.5	--	--	--
13...	1540	0.90	393	--	19.5	12.0	--	--	--

PYRAMID AND WINNEMUCCA LAKES BASIN

10336730 GLENBROOK CREEK AT GLENBROOK, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
OCT									
05...	--	--	--	--	--	--	--	--	--
20...	0.007	<0.001	0.09	0.017	0.011	0.005	993	2	<.01
NOV									
05...	0.011	0.002	0.78	0.198	0.064	0.023	3320	58	0.47
06...	0.017	0.001	0.26	0.045	0.031	0.016	1030	7	0.03
22...	--	--	--	--	--	--	--	--	--
DEC									
21...	0.007	<0.001	0.06	0.023	0.023	0.005	605	1	<.01
JAN									
09...	0.004	<0.001	0.18	0.031	0.031	0.009	876	6	0.01
10...	--	--	--	--	--	--	--	--	--
10...	0.035	0.001	0.69	0.141	0.049	0.024	3340	53	0.51
13...	0.025	0.001	0.38	0.082	0.019	0.011	1490	20	0.12
14...	0.061	0.001	0.33	0.104	0.020	0.013	2440	39	0.35
31...	0.006	0.001	0.27	0.039	0.019	0.009	1270	9	0.04
FEB									
09...	--	--	--	--	--	--	--	--	--
24...	0.011	0.004	0.19	0.029	0.010	0.004	477	2	0.01
MAR									
01...	0.016	0.002	0.16	0.035	0.013	0.005	513	2	0.01
09...	0.037	<0.001	0.63	0.287	0.020	0.010	5320	76	1.3
09...	--	--	--	--	--	--	--	--	--
09...	0.071	<0.001	0.41	0.160	0.023	0.012	4180	103	2.5
10...	0.064	0.001	0.35	0.077	0.032	0.021	1810	36	0.97
10...	--	--	--	--	--	--	--	--	--
10...	0.069	<0.001	1.5	0.212	0.029	0.019	5250	127	6.2
13...	0.116	<0.001	0.22	0.049	0.020	0.011	822	16	0.24
20...	0.091	<0.001	0.25	0.046	0.025	0.007	560	13	0.30
28...	0.120	0.001	0.08	0.029	0.017	0.006	293	3	0.03
29...	--	--	--	--	--	--	--	--	--
APR									
04...	0.095	<0.001	0.23	0.028	0.017	0.006	312	4	0.05
12...	0.032	<0.001	0.20	0.032	0.013	0.008	889	7	0.11
25...	0.023	0.001	0.10	0.031	0.020	0.010	47	10	0.12
25...	0.017	0.002	0.27	0.053	0.022	0.010	973	17	0.26
27...	0.018	<0.001	0.37	0.119	0.025	0.011	1610	43	0.88
28...	0.017	<0.001	0.22	0.049	0.024	0.010	714	26	0.41
MAY									
01...	0.024	<0.001	0.45	0.153	0.032	0.019	2610	77	4.2
01...	0.012	<0.001	1.2	0.304	0.033	0.015	4810	148	8.8
04...	0.016	0.001	0.26	0.056	0.027	0.014	657	10	0.27
04...	--	--	--	--	--	--	--	--	--
10...	0.011	<0.001	0.16	0.039	0.025	0.012	289	4	0.08
18...	0.010	0.002	0.17	0.035	0.026	0.012	--	5	0.11
18...	0.008	0.002	0.20	0.061	0.026	0.013	--	18	0.49
22...	0.006	<0.001	0.27	0.057	0.032	0.014	603	19	0.62
22...	0.006	<0.001	0.25	0.076	0.032	0.016	983	25	1.0
30...	0.005	<0.001	0.22	0.033	0.021	0.014	375	9	0.27
30...	0.003	<0.001	0.32	0.065	0.023	0.015	1050	22	1.1
JUN									
02...	0.005	<0.001	0.27	0.051	0.022	0.014	611	17	0.72
08...	--	--	--	--	--	--	--	--	--
13...	0.007	<0.001	0.18	0.035	0.026	0.012	291	16	0.39
30...	0.007	0.002	0.21	0.039	0.023	0.016	381	4	0.05
JUL									
18...	0.013	0.001	0.12	0.048	0.031	0.017	339	6	0.03
18...	0.029	0.002	0.67	0.147	0.058	0.042	1860	68	0.55
31...	0.015	0.005	0.12	0.047	0.030	0.016	630	4	0.02
AUG									
02...	--	--	--	--	--	--	--	--	--
28...	0.013	0.003	0.09	0.041	0.037	0.017	583	10	0.03
SEP									
13...	--	--	--	--	--	--	--	--	--
13...	0.012	0.005	0.13	0.045	0.030	0.017	624	3	0.01

PYRAMID AND WINNEMUCCA LAKES BASIN

10336735 NORTH LOGAN HOUSE CREEK AT HIGHWAY 50 NEAR GLENBROOK, NV

LOCATION.--Lat 39°04'08", long 119°56'24", in NW $^1/_4$ NE $^1/_4$ sec.22, T.14 N., R.18 E., Douglas County, Hydrologic Unit 16050101, on left bank, 200 ft upstream of culvert on U.S. Highway 50, 600 ft upstream of mouth, and 1.4 mi south of Glenbrook.

DRAINAGE AREA.--Not determined.

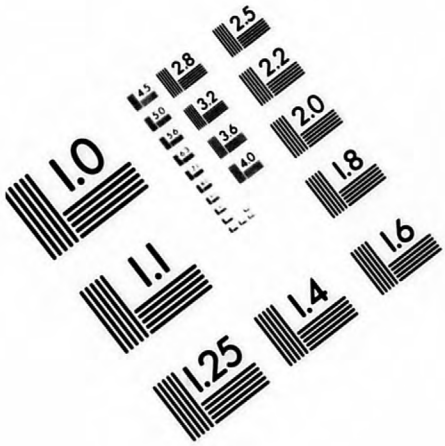
PERIOD OF RECORD.--Water years 1991 to current year.

REMARKS.--In April 1991, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
MAR									
01...	1115	0.75	87	--	4.5	2.5	--	--	--
10...	1010	1.0	80	--	3.5	2.5	--	--	--
APR									
04...	1725	1.4	84	--	10.5	3.5	--	--	--
25...	1900	3.7	64	--	9.0	3.5	--	--	--
MAY									
02...	0855	4.0	65	--	2.0	2.0	--	--	--
10...	1510	4.3	62	7.6	10.0	6.0	602	10.2	104
18...	2020	6.0	59	--	9.0	5.5	--	--	--
30...	1830	6.3	64	--	16.0	9.0	--	--	--
JUN									
13...	1810	2.9	75	8.0	16.0	10.5	601	9.3	106
SEP									
20...	1600	0.18	108	--	21.0	10.0	--	--	--

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
MAR									
01...	0.023	0.002	0.31	0.036	0.013	0.006	361	6	0.01
10...	0.010	<0.001	0.56	0.100	0.024	0.015	2020	43	0.12
APR									
04...	0.013	<0.001	0.38	0.039	0.020	0.007	466	18	0.07
25...	0.009	0.004	1.0	0.114	0.019	0.007	2310	199	2.0
MAY									
02...	0.011	0.001	0.41	0.050	0.025	0.010	1260	63	1.2
10...	0.007	<0.001	0.47	0.078	0.022	0.009	1170	547	6.4
18...	0.008	0.002	0.92	0.089	0.026	0.008	--	109	1.8
30...	0.006	<0.001	0.27	0.027	0.017	0.006	537	39	0.67
JUN									
13...	0.009	<0.001	0.19	0.024	0.021	0.004	246	7	0.05
SEP									
20...	0.023	0.004	0.06	0.022	0.021	0.005	171	2	<0.01



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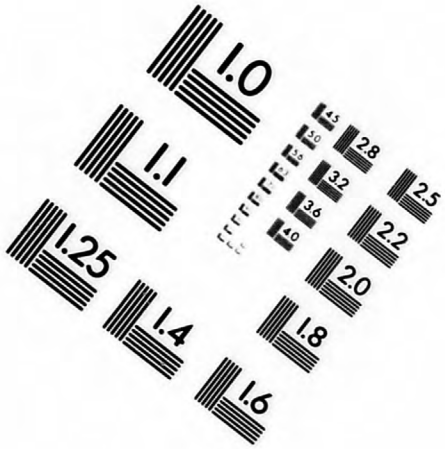

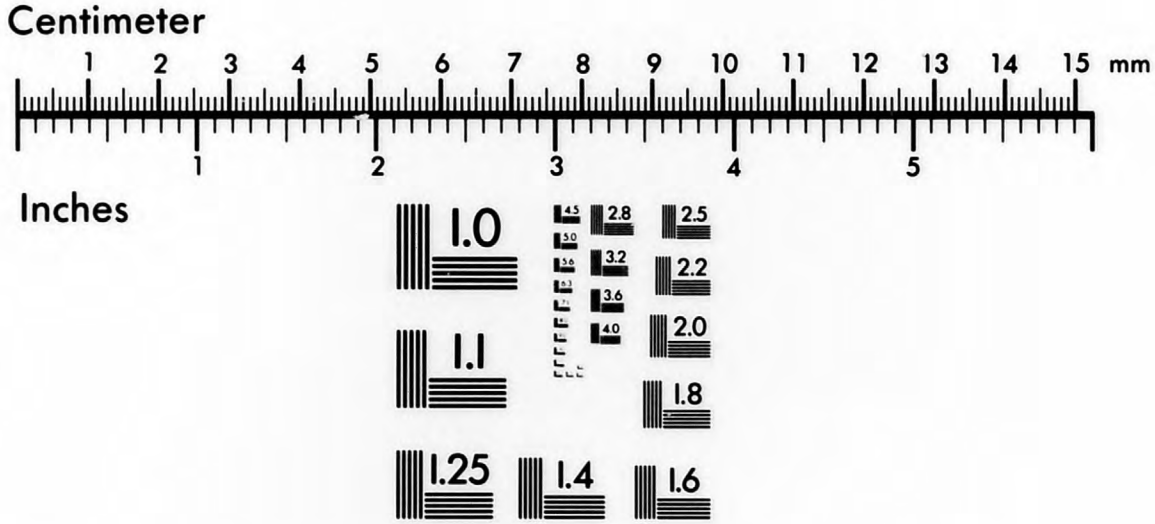

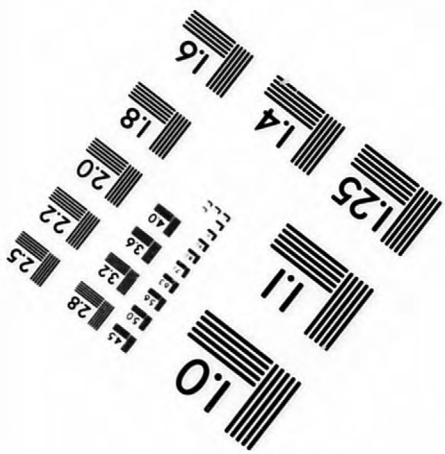

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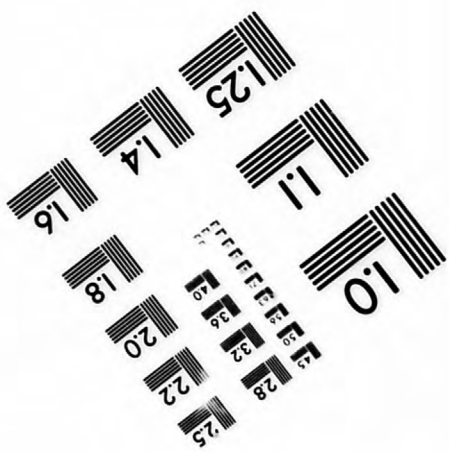


PYRAMID AND WINNEMUCCA LAKES BASIN

10336740 LOGAN HOUSE CREEK NEAR GLENBROOK, NV

LOCATION.--Lat 39°04'00", long 119°56'04", in NW $^1/_4$ NW $^1/_4$ sec.23, T.14 N., R.18 E., Douglas County, Hydrologic Unit 16050101, Toiyabe National Forest, on right bank, 0.1 mi downstream from unnamed tributary, 0.3 mi upstream from U.S. Highway 50, and 1.6 mi south of Glenbrook.

DRAINAGE AREA.--2.08 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1983 to current year.

GAGE.--Water-stage recorder and concrete control. Elevation of gage is 6,640 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. One small diversion 50 ft upstream from station for domestic use. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.06	.08	.10	e.11	.19	.10	.13	e2.0	6.1	1.5	.24	.15
2	.06	.08	.11	e.11	.17	.11	.16	e2.5	5.8	1.5	.33	.15
3	.06	.07	.12	.11	.14	.11	.22	e2.5	5.4	1.5	.26	.14
4	.07	.09	.11	.11	.13	.09	.38	e2.5	4.8	1.5	.23	.13
5	.07	.26	.11	.11	.11	.09	.46	e2.4	4.0	1.4	.23	.13
6	.07	.20	.11	.12	.11	.07	.49	e2.4	3.5	1.4	.23	.13
7	.06	.11	.11	.13	.11	.08	.45	e2.3	3.3	1.3	.23	.13
8	.06	.09	e.11	.11	.11	.07	.44	e2.2	3.1	1.3	.24	.14
9	.06	.09	e.11	.12	.11	.24	.37	e2.1	3.0	1.2	.24	.14
10	.06	.09	e.11	.19	.11	.35	.33	e2.0	3.1	1.2	.23	.14
11	.06	.09	e.11	.14	.11	.27	.44	4.2	3.0	1.2	.23	.13
12	e.06	.09	e.11	.13	.11	.20	.61	2.7	3.0	1.2	.22	.13
13	e.06	e.09	.11	.17	.12	.18	.77	1.8	3.0	1.2	.20	.11
14	e.06	e.08	.11	.24	.10	e.23	.58	1.5	2.9	1.1	.19	.11
15	e.06	e.08	.11	.17	e.10	e.30	.50	1.3	3.1	1.1	.18	.10
16	e.06	e.08	.11	.13	e.09	e.34	.48	1.3	3.1	1.1	.19	.10
17	e.05	e.07	.11	e.12	.09	e.38	.50	1.9	2.8	1.1	.20	.11
18	e.05	.07	.11	.11	.08	e.45	.52	e4.8	2.6	1.4	.19	.11
19	e.05	.07	.11	.11	.08	e.35	.55	e3.2	2.4	1.5	.18	.11
20	e.06	.07	.11	.11	.09	e.26	.42	e3.5	2.4	.97	.17	.11
21	.07	.07	.11	.13	.09	e.20	.36	e3.8	2.3	.65	.18	.10
22	.07	.07	.10	.12	.09	e.14	.44	e4.2	2.2	.53	.18	.11
23	.07	.07	.09	.11	.09	e.11	.60	4.8	2.0	.43	.19	.12
24	.07	.07	.09	.11	.08	e.08	.93	4.7	2.0	.39	.19	.13
25	.07	.09	.09	.11	.09	e.06	1.3	4.5	1.9	.37	.18	.15
26	.07	.08	.09	.11	.09	e.08	1.7	5.0	1.8	.30	.17	.15
27	.07	.07	.10	.11	.09	e.09	e1.7	5.4	1.7	.28	.17	.16
28	.07	e.09	.11	.11	.09	e.08	1.4	5.5	1.6	.26	.16	.17
29	.07	.09	.11	.11	---	e.10	1.4	5.8	1.6	.27	.15	.18
30	.07	.09	.11	.12	---	e.12	1.6	6.1	1.5	.23	.15	.18
31	.07	---	e.11	.16	---	.10	---	6.4	---	.21	.15	---
TOTAL	1.97	2.74	3.31	3.95	2.97	5.43	20.23	105.3	89.0	29.59	6.28	3.95
MEAN	.064	.091	.11	.13	.11	.18	.67	3.40	2.97	.95	.20	.13
MAX	.07	.26	.12	.24	.19	.45	1.7	6.4	6.1	1.5	.33	.18
MIN	.05	.07	.09	.11	.08	.06	.13	1.3	1.5	.21	.15	.10
AC-FT	3.9	5.4	6.6	7.8	5.9	11	40	209	177	59	12	7.8

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 1995, BY WATER YEAR (WY)

MEAN	.28	.33	.32	.31	.32	.47	.96	1.01	.52	.22	.12	.14
MAX	1.04	1.48	1.49	1.25	1.00	1.58	2.71	3.40	2.97	.95	.45	.50
(WY)	1984	1984	1984	1984	1984	1986	1986	1995	1995	1995	1984	1986
MIN	.042	.059	.000	.047	.067	.093	.15	.013	.006	.009	.000	.008
(WY)	1989	1992	1992	1992	1991	1991	1992	1992	1992	1991	1988	1988

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1984 - 1995	
ANNUAL TOTAL	36.92		274.72			
ANNUAL MEAN	.10		.75		.42	
HIGHEST ANNUAL MEAN					1.20	1984
LOWEST ANNUAL MEAN					.051	1992
HIGHEST DAILY MEAN	.61	Apr 17	6.4	May 31	6.4	May 31 1995
LOWEST DAILY MEAN	.02	Sep 13	.05	Oct 17	.00	Jul 13 1988
ANNUAL SEVEN-DAY MINIMUM	.02	Sep 13	.06	Oct 13	.00	Jul 13 1988
INSTANTANEOUS PEAK FLOW			8.5	May 31	8.5	May 31 1995
INSTANTANEOUS PEAK STAGE			4.66	May 31	4.66	May 31 1995
ANNUAL RUNOFF (AC-FT)	73		545		302	
10 PERCENT EXCEEDS	.19		2.5		1.1	
50 PERCENT EXCEEDS	.07		.14		.16	
90 PERCENT EXCEEDS	.04		.07		.02	

e Estimated

10336740 LOGAN HOUSE CREEK NEAR GLENBROOK, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1983 to current year.

REMARKS.--In November 1987, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
OCT									
05...	1038	0.07	--	--	5.0	4.0	--	--	--
19...	1500	0.05	149	--	10.0	3.5	--	--	--
NOV									
05...	1510	0.24	149	--	3.5	3.0	--	--	--
28...	0950	0.09	--	--	0.0	0.5	--	--	--
DEC									
22...	1530	0.09	148	--	-2.0	1.0	--	--	--
JAN									
04...	1008	0.11	--	--	-2.0	0.5	--	--	--
10...	1145	0.19	143	--	2.5	1.0	--	--	--
31...	1350	0.18	145	8.1	7.0	3.0	601	11.3	107
FEB									
09...	1018	0.12	--	--	0.0	1.5	--	--	--
27...	1540	0.09	152	--	6.5	2.5	--	--	--
MAR									
09...	1140	0.34	136	--	4.5	2.5	--	--	--
14...	0930	0.28	154	--	4.5	2.5	--	--	--
28...	1525	0.08	147	--	3.0	2.0	598	10.8	100
30...	0920	0.12	--	--	2.5	1.0	--	--	--
APR									
04...	1650	0.34	136	--	10.5	2.5	--	--	--
25...	1950	1.1	108	--	8.5	2.5	--	--	--
27...	1123	1.7	--	--	2.0	2.0	--	--	--
27...	2020	1.7	108	--	5.0	2.5	--	--	--
MAY									
01...	1825	4.5	99	--	3.0	2.0	--	--	--
04...	1640	3.4	100	--	8.0	2.5	--	--	--
10...	1400	3.4	98	7.6	11.0	3.0	596	10.7	102
18...	1320	3.7	90	--	14.0	3.5	--	--	--
18...	1815	4.8	82	--	14.0	2.5	--	--	--
19...	1540	4.5	79	--	17.0	3.5	--	--	--
22...	1500	3.9	73	--	7.0	2.5	--	--	--
30...	1230	4.5	67	--	17.0	5.5	--	--	--
30...	1920	7.9	60	--	13.5	4.5	--	--	--
JUN									
01...	2020	6.3	62	--	7.0	5.0	--	--	--
13...	1650	3.0	77	7.9	17.0	9.5	596	9.1	102
30...	1500	1.6	94	--	23.0	12.0	--	--	--
JUL									
18...	1545	1.5	105	8.0	22.0	10.0	597	8.7	99
31...	1505	0.92	116	--	23.5	11.0	--	--	--
AUG									
02...	1000	0.29	--	--	24.0	10.0	--	--	--
30...	1400	0.15	123	8.0	24.0	8.5	600	9.3	102
SEP									
13...	1249	0.16	--	--	18.0	8.0	--	--	--
20...	1510	0.11	125	--	23.0	10.0	--	--	--

PYRAMID AND WINNEMUCCA LAKES BASIN

10336740 LOGAN HOUSE CREEK NEAR GLENBROOK, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
OCT									
05...	--	--	--	--	--	--	--	--	--
19...	0.002	0.001	0.06	0.010	0.006	0.001	29	1	<0.01
NOV									
05...	0.033	0.001	0.53	0.038	0.024	0.005	332	15	0.01
28...	--	--	--	--	--	--	--	--	--
DEC									
22...	0.026	<0.001	0.08	0.021	0.017	0.001	24	3	<0.01
JAN									
04...	--	--	--	--	--	--	--	--	--
10...	0.014	0.001	0.27	0.030	0.035	0.012	84	3	<0.01
31...	0.023	0.001	0.19	0.013	0.013	0.006	63	2	<0.01
FEB									
09...	--	--	--	--	--	--	--	--	--
27...	0.030	0.002	0.10	0.025	0.008	0.002	42	1	<0.01
MAR									
09...	0.026	<0.001	0.72	0.058	0.019	0.010	775	20	0.02
14...	0.013	<0.001	0.29	0.017	0.013	0.004	161	3	<0.01
28...	0.018	<0.001	0.15	0.020	0.017	0.003	71	<1	<0.01
30...	--	--	--	--	--	--	--	--	--
APR									
04...	0.020	<0.001	0.30	0.022	0.018	0.004	108	4	<0.01
25...	0.018	0.002	0.81	0.069	0.017	0.004	2220	48	0.14
27...	--	--	--	--	--	--	--	--	--
27...	0.013	<0.001	0.33	0.017	0.016	0.003	167	4	0.02
MAY									
01...	0.016	<0.001	0.83	0.057	0.021	0.008	1940	81	0.98
04...	0.006	0.001	0.27	0.023	0.015	0.004	303	8	0.07
10...	0.006	0.001	0.29	0.028	0.016	0.003	147	7	0.06
18...	0.008	0.002	0.33	0.026	0.024	0.004	--	6	0.06
18...	0.008	0.001	1.4	0.160	0.026	0.005	--	139	1.8
19...	0.009	0.001	0.81	0.109	0.024	0.007	--	136	1.7
22...	0.006	0.001	0.42	0.044	0.027	0.005	634	64	0.67
30...	0.005	<0.001	0.39	0.019	0.017	0.007	230	12	0.15
30...	0.006	0.001	1.4	0.090	0.018	0.009	1900	388	8.3
JUN									
01...	0.006	0.001	0.32	0.021	0.016	0.006	322	20	0.34
13...	0.006	<0.001	0.27	0.020	0.019	0.003	96	3	0.02
30...	0.005	<0.001	0.29	0.017	0.012	0.004	69	2	0.01
JUL									
18...	0.005	<0.001	0.25	0.034	0.019	0.005	50	4	0.02
31...	0.007	0.002	0.22	0.020	0.018	0.002	59	1	<0.01
AUG									
02...	--	--	--	--	--	--	--	--	--
30...	0.006	0.001	0.16	0.015	0.017	0.003	37	1	<0.01
SEP									
13...	--	--	--	--	--	--	--	--	--
20...	0.009	<0.001	0.13	0.015	0.018	0.003	45	1	<0.01

PYRAMID AND WINNEMUCCA LAKES BASIN

10336750 EDGEWOOD CREEK BELOW SOUTH BENJAMIN DRIVE NEAR DAGGETT PASS, NV

LOCATION.--Lat 38°58'00", long 119°53'37", in NW $^1/_4$ NW $^1/_4$ sec.30, T.13 N., R.19 E., Douglas County, Hydrologic Unit 16050101, Toiyabe National Forest, on left bank, 10 ft downstream of junction of two channels, 800 ft downstream of culvert on South Benjamin Drive and parking lot of Boulder section of Heavenly Valley Ski Area, 0.7 mi south of Daggett Pass, and 2.4 mi east of Stateline.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--August 1989, water years 1991 to current year.

REMARKS.--In April 1991, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
FEB									
24...	1445	0.10	302	--	8.0	3.5	--	--	--
APR									
25...	1610	1.2	170	--	12.0	2.5	--	--	--
MAY									
02...	0945	1.2	145	--	4.0	3.0	--	--	--
11...	1715	1.9	102	7.5	4.0	3.0	579	10.5	103
18...	1440	2.0	106	--	15.0	7.0	--	--	--
22...	1910	2.5	80	--	5.0	3.0	--	--	--
30...	1630	2.6	80	--	18.0	7.5	--	--	--
JUN									
12...	1845	1.5	95	--	14.0	8.5	587	8.5	94
29...	1910	1.0	151	--	18.0	11.0	--	--	--
SEP									
20...	1310	0.14	171	--	23.0	9.0	--	--	--

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
FEB									
24...	0.045	0.043	0.51	0.229	0.016	0.008	4790	56	0.02
APR									
25...	0.026	0.018	0.50	0.270	0.019	0.009	284	99	0.31
MAY									
02...	0.035	0.010	0.24	0.067	0.027	0.012	2150	19	0.06
11...	0.015	0.001	0.34	0.155	0.026	0.008	--	54	0.28
18...	0.025	0.010	0.61	0.150	0.028	0.011	--	65	0.36
22...	0.021	<0.001	0.33	0.139	0.030	0.010	3310	68	0.46
30...	0.016	<0.001	0.68	0.323	0.019	0.014	3630	239	1.6
JUN									
12...	0.027	0.007	0.26	0.086	0.031	0.014	3230	30	0.12
29...	0.023	0.023	0.16	0.038	0.023	0.016	1640	8	0.02
SEP									
20...	0.023	0.012	0.12	0.039	0.023	0.011	1240	5	<.01

PYRAMID AND WINNEMUCCA LAKES BASIN

10336756 EDGEWOOD CREEK TRIBUTARY NEAR DAGGETT PASS, NV

LOCATION.--Lat 38°58'32", long 119°54'00", in SE $^1/_4$ NE $^1/_4$ sec.24, T.13 N., R.18 E., Douglas County, Hydrologic Unit 16050101, on right bank, 300 ft upstream of culvert on Kingsbury Grade, 1.2 mi upstream of mouth with Edgewood Creek, 0.7 mi west of Daggett Pass, and 2.4 mi northeast of Stateline.

DRAINAGE AREA.--0.80 mi^2.

PERIOD OF RECORD.--Water years 1981-83, 1991 to current year.

REMARKS.--In April 1991, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
FEB									
24...	1520	0.0	--	--	--	--	--	--	--
APR									
04...	1545	0.43	335	--	11.0	1.0	--	--	--
25...	1710	1.6	268	--	11.0	2.0	--	--	--
MAY									
02...	1030	0.85	171	--	3.0	2.0	--	--	--
11...	1830	1.4	161	7.4	3.5	4.5	581	10.1	103
18...	1625	1.7	171	--	14.0	7.5	--	--	--
22...	1950	1.9	149	--	5.5	5.5	--	--	--
30...	1730	0.60	174	--	17.0	10.0	--	--	--
JUN									
12...	1940	0.30	221	--	14.0	9.5	590	8.3	94
SEP									
20...	1320	0.0	--	--	--	--	--	--	--

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
FEB									
24...	--	--	--	--	--	--	--	--	--
APR									
04...	0.004	<0.001	0.26	0.021	0.017	0.008	65	2	<0.01
25...	0.005	0.010	0.46	0.057	0.027	0.007	1120	154	0.65
MAY									
02...	0.009	0.001	0.33	0.029	0.025	0.012	266	6	0.01
11...	0.003	<0.001	0.30	0.031	0.026	0.011	--	4	0.02
18...	0.004	0.002	0.28	0.031	0.025	0.011	--	4	0.02
22...	0.004	<0.001	0.25	0.029	0.031	0.013	98	5	0.03
30...	0.003	<0.001	0.30	0.020	0.021	0.011	71	6	0.01
JUN									
12...	0.004	<0.001	0.22	0.025	0.028	0.008	49	1	<0.01
SEP									
20...	--	--	--	--	--	--	--	--	--

PYRAMID AND WINNEMUCCA LAKES BASIN

103367585 EDGEWOOD CREEK AT PALISADES DRIVE NEAR KINGSBURY, NV

LOCATION.--Lat 38°58'00", long 119°54'54", in NW $^1/_4$ NW $^1/_4$ sec.25, T.13 N., R.18 E., Douglas County, Hydrologic Unit 16050101, on left bank, 50 ft downstream from culvert at Palisades Drive, and 1.2 mi east of intersection of U.S. Highway 50 and State Highway 207 at Kingsbury.

DRAINAGE AREA.--1.77 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1989 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,640 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.20	e.23	.40	.37	.88	.88	2.2	8.5	5.4	1.9	1.0	.57
2	.18	e.23	.38	.40	.82	.84	2.2	6.3	5.1	1.9	.99	.57
3	e.21	e.24	.44	.39	.74	.88	2.5	5.6	4.9	1.8	1.0	.58
4	e.22	e.25	.43	e.36	.72	.88	2.8	5.3	4.9	1.6	.96	.58
5	e.21	e.51	.38	e.35	.75	.91	3.2	4.9	4.6	1.5	.96	.58
6	e.21	e.99	.33	.40	.72	.86	3.2	4.4	4.5	1.5	.96	.58
7	e.21	.36	.33	.52	.74	.90	3.6	4.4	4.7	1.5	.96	.57
8	e.21	.31	.33	.43	.72	.95	3.0	4.7	4.5	1.8	.92	.55
9	e.21	.32	.34	.56	.71	2.5	2.5	4.7	4.3	1.6	.89	.57
10	e.21	.35	.32	.75	.66	2.1	2.6	4.9	4.2	1.5	.89	.62
11	e.21	.89	.33	.62	.67	1.7	2.9	5.4	4.0	1.5	.91	.61
12	e.21	.57	.33	.57	.66	1.5	3.2	4.9	3.8	1.5	.90	.60
13	e.22	.39	.33	.82	.66	1.7	3.1	4.5	3.7	1.5	.85	.59
14	e.21	.35	.31	1.0	.65	2.2	2.5	4.4	3.7	1.3	.83	.59
15	e.21	.37	.31	.76	e.63	2.8	2.3	4.8	4.0	1.3	.82	.58
16	e.21	.37	.34	.67	.60	2.7	2.2	5.5	3.9	1.3	.83	.58
17	e.20	.44	.34	.62	.62	2.4	2.1	5.7	3.5	1.4	.81	.60
18	e.22	.36	.33	.60	.63	3.1	2.0	5.9	3.3	1.5	.78	.59
19	e.21	.39	.33	.60	.67	3.3	1.9	6.3	3.1	1.7	.76	.58
20	e.21	.49	.33	.62	.63	3.2	2.0	6.4	3.0	1.7	.75	.57
21	e.21	.48	.33	.64	.66	2.5	1.9	6.3	2.9	1.6	.78	.55
22	e.21	.48	.33	.60	.70	2.1	2.0	6.9	2.7	1.5	.77	.57
23	e.21	.39	.33	.61	.72	2.0	2.3	6.2	2.5	1.5	.76	.58
24	e.21	.37	.33	.60	.76	1.7	2.9	5.6	2.4	1.4	.73	.60
25	e.21	.37	.33	.73	.77	1.5	3.6	5.1	2.3	1.4	.69	.61
26	e.21	.37	.35	.67	.77	1.5	3.8	5.2	2.3	1.3	.66	.62
27	e.21	.36	.37	.66	.79	1.5	4.0	5.5	2.[illegible]	1.2	.63	.62
28	e.21	.37	.37	.68	.79	1.5	3.8	5.4	2.0	1.2	.67	.64
29	e.23	.37	.37	.74	---	1.5	4.2	5.3	1.9	1.1	.64	.65
30	e.23	.38	.36	.73	---	1.7	4.5	5.3	1.9	1.1	.58	.66
31	e.23	---	.39	.85	---	1.9	---	5.3	---	1.0	.56	---
TOTAL	6.55	12.35	10.82	18.92	19.84	55.70	85.0	169.6	106.2	45.6	25.24	17.76
MEAN	.21	.41	.35	.61	.71	1.80	2.83	5.47	3.54	1.47	.81	.59
MAX	.23	.99	.44	1.0	.88	3.3	4.5	8.5	5.4	1.9	1.0	.66
MIN	.18	.23	.31	.35	.60	.84	1.9	4.4	1.9	1.0	.56	.55
AC-FT	13	24	21	38	39	110	169	336	211	90	50	35

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1995, BY WATER YEAR (WY)

MEAN	.47	.52	.48	.51	.56	.97	1.56	1.79	.98	.47	.36	.30
MAX	1.13	.93	.75	.70	.71	1.80	2.83	5.47	3.54	1.47	.81	.59
(WY)	1990	1990	1990	1990	1995	1995	1995	1995	1995	1995	1995	1995
MIN	.21	.38	.33	.29	.38	.62	.75	.42	.26	.15	.12	.14
(WY)	1995	1993	1993	1993	1993	1991	1992	1992	1992	1994	1994	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1990 - 1995	
ANNUAL TOTAL	160.36		573.58			
ANNUAL MEAN	.44		1.57		.75	
HIGHEST ANNUAL MEAN					1.57	1995
LOWEST ANNUAL MEAN					.41	1992
HIGHEST DAILY MEAN	1.3	Apr 18	8.5	May 1	8.5	May 1 1995
LOWEST DAILY MEAN	.11	Aug 6	.18	Oct 2	.08	Aug 10 1992
ANNUAL SEVEN-DAY MINIMUM	.11	Aug 6	.21	Oct 1	.09	Aug 6 1992
INSTANTANEOUS PEAK FLOW			11	May 1	57	Aug 14 1991
INSTANTANEOUS PEAK STAGE			1.67	May 1	2.61	Aug 14 1991
ANNUAL RUNOFF (AC-FT)	318		1140		541	
10 PERCENT EXCEEDS	.82		4.5		1.5	
50 PERCENT EXCEEDS	.37		.77		.49	
90 PERCENT EXCEEDS	.13		.31		.21	

e Estimated

103367585 EDGEWOOD CREEK AT PALISADES DRIVE NEAR KINGSBURY, NV--Continued

WATER-QUALITY DATA

PERIOD OF RECORD.--Water years 1990 to current year.

REMARKS.--In October 1989, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
OCT									
03...	1452	0.18	--	--	10.5	6.0	--	--	--
18...	1450	0.25	120	--	9.0	5.0	--	--	--
NOV									
05...	1555	1.2	149	--	3.5	2.5	--	--	--
16...	1253	0.36	--	--	2.0	0.5	--	--	--
DEC									
22...	1215	0.36	134	--	1.0	1.0	--	--	--
23...	1539	0.35	--	--	2.0	1.5	--	--	--
JAN									
10...	1250	0.75	240	--	2.5	1.0	--	--	--
13...	1810	0.83	302	--	2.0	2.0	--	--	--
30...	1630	0.71	267	7.6	4.0	3.0	600	11.1	105
FEB									
07...	1033	0.65	240	--	3.5	2.0	--	--	--
24...	1400	0.71	218	--	7.0	3.5	--	--	--
MAR									
09...	1034	2.9	--	--	8.5	1.5	--	--	--
09...	1240	2.8	196	--	4.0	2.0	--	--	--
13...	1314	1.5	--	--	6.5	3.5	--	--	--
14...	1445	1.8	336	--	5.5	4.0	--	--	--
28...	1445	1.6	344	--	5.0	2.5	604	10.5	97
APR									
04...	1500	2.4	338	--	12.0	5.0	--	--	--
25...	1515	3.4	259	--	12.5	6.0	--	--	--
25...	1815	4.8	249	--	9.0	5.5	--	--	--
26...	1915	4.9	241	--	7.0	4.5	--	--	--
27...	1710	5.2	260	--	3.0	3.0	--	--	--
28...	1411	3.5	--	--	8.0	4.0	--	--	--
29...	1615	5.1	226	--	10.5	4.0	--	--	--
MAY									
01...	1710	15	176	--	3.0	4.0	--	--	--
04...	1540	5.6	187	--	7.5	5.5	--	--	--
11...	1615	6.4	160	7.8	5.5	7.0	597	10.2	108
18...	1310	5.4	177	--	14.5	8.0	--	--	--
22...	1830	8.0	156	--	7.0	6.0	--	--	--
30...	1530	5.1	153	--	18.0	10.0	--	--	--
JUN									
06...	0920	4.5	162	--	6.0	5.0	--	--	--
12...	1740	3.7	163	--	19.0	11.5	597	8.9	105
29...	1815	2.2	186	--	19.0	11.0	--	--	--
JUL									
18...	1420	1.5	191	8.0	18.5	9.5	596	9.1	102
19...	0840	1.8	--	--	9.5	7.0	--	--	--
AUG									
01...	1410	1.0	172	--	24.5	10.5	--	--	--
28...	1256	0.67	--	--	15.0	8.0	--	--	--
30...	1310	0.58	159	8.0	22.0	8.5	598	9.8	107
SEP									
20...	1230	0.57	157	--	19.0	9.0	--	--	--

103367585 EDGEWOOD CREEK AT PALISADES DRIVE NEAR KINGSBURY, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
OCT									
03...	--	--	--	--	--	--	--	--	--
18...	0.003	<0.001	0.07	0.016	0.014	0.007	284	2	<.01
NOV									
05...	0.010	0.002	0.85	0.119	0.044	0.017	2870	71	0.23
16...	--	--	--	--	--	--	--	--	--
DEC									
22...	0.006	<0.001	0.07	0.020	0.018	0.005	193	1	<.01
23...	--	--	--	--	--	--	--	--	--
JAN									
10...	0.010	<0.001	0.46	0.103	0.035	0.014	2280	67	0.14
13...	0.011	0.001	0.53	0.073	0.021	0.012	4290	50	0.11
30...	0.018	0.002	0.25	0.030	0.019	0.007	640	9	0.02
FEB									
07...	--	--	--	--	--	--	--	--	--
24...	0.031	0.005	0.17	0.044	0.013	0.004	641	7	0.01
MAR									
09...	--	--	--	--	--	--	--	--	--
09...	0.025	<0.001	1.5	0.409	0.030	0.021	11400	420	3.1
13...	--	--	--	--	--	--	--	--	--
14...	0.023	0.003	0.35	0.055	0.017	0.009	1080	16	0.08
28...	0.026	0.002	0.14	0.029	0.017	0.006	392	6	0.03
APR									
04...	0.020	0.001	0.30	0.032	0.021	0.009	626	10	0.06
25...	0.017	0.003	0.37	0.046	0.020	0.009	1340	54	0.49
25...	0.015	0.002	0.72	0.153	0.021	0.010	4200	94	1.2
26...	0.014	0.001	--	0.123	0.019	0.008	1500	47	0.62
27...	0.009	<0.001	0.44	0.102	0.024	0.004	2770	63	0.89
28...	--	--	--	--	--	--	--	--	--
29...	0.013	<0.001	0.46	0.081	0.025	0.007	2290	102	1.4
MAY									
01...	0.016	<0.001	0.99	0.254	0.030	0.015	6980	318	13
04...	0.011	<0.001	0.24	0.047	0.025	0.012	787	14	0.21
11...	0.008	<0.001	0.46	0.077	0.029	0.010	--	59	1.0
18...	0.007	0.001	0.27	0.041	0.031	0.011	--	12	0.17
22...	0.007	<0.001	0.42	0.088	0.034	0.011	1750	92	2.0
30...	0.008	<0.001	0.41	0.034	0.019	0.012	674	17	0.23
JUN									
06...	--	--	--	--	--	--	--	--	--
12...	0.012	<0.001	0.20	0.035	0.032	0.010	523	11	0.11
29...	0.012	0.002	0.15	0.027	0.018	0.010	445	5	0.03
JUL									
18...	0.008	<0.001	0.17	0.052	0.022	0.010	403	4	0.02
19...	--	--	--	--	--	--	--	--	--
AUG									
01...	0.018	0.003	0.13	0.033	0.025	0.007	483	5	0.01
28...	--	--	--	--	--	--	--	--	--
30...	0.016	0.003	0.08	0.022	0.025	0.009	289	3	<.01
SEP									
20...	0.012	0.003	0.08	0.027	0.022	0.009	320	3	<.01

PYRAMID AND WINNEMUCCA LAKES BASIN

103367592 EAGLE ROCK CREEK NEAR STATELINE, NV

LOCATION.--Lat 38°57'24", long 119°55'36", in NE $^1/_4$ SW $^1/_4$ sec.26, T.13 N., R.18 E., Douglas County, Hydrologic Unit 16050101, on right bank, 0.2 mi upstream from confluence of Edgewood Creek, and 0.8 mi east of Stateline.

DRAINAGE AREA.--0.59 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--November 1989 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,480 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.42	.42	.50	.46	.60	.53	.75	1.3	.83	.65	.65	.76
2	.44	.43	.50	.46	.60	.53	.77	1.2	.83	.65	.65	.77
3	.46	.43	.53	.46	.55	.53	.78	1.1	.78	.63	.66	.78
4	.48	.48	.50	.50	.55	.53	.79	1.0	.78	.63	.69	.78
5	.46	.62	.50	.44	.55	.53	.79	.89	.81	.61	.68	.78
6	.47	.53	.50	.44	.50	.53	.78	.81	.78	.61	.68	.78
7	.50	.48	.49	.44	.50	.53	.83	.80	.78	.62	.69	.79
8	.50	.43	e.49	.44	.50	.53	.87	.83	.78	.63	.69	.78
9	.50	.45	.50	.50	.50	1.1	.83	.83	.78	.63	.69	.78
10	.50	.46	.48	.70	.53	1.0	.82	.83	.77	.63	.68	.78
11	.50	.46	.46	.44	.53	.69	.80	.84	.73	.63	.69	.78
12	.50	.46	.48	.50	.53	.61	.84	.83	.69	.64	.69	.78
13	.50	e.46	.46	.65	.53	.62	.86	.78	.68	.63	.70	.79
14	.50	e.46	.46	.70	e.53	.65	.79	.78	.69	.63	.70	.82
15	.50	.46	.45	.44	e.53	.67	.79	.71	.73	.62	.69	.84
16	.50	.46	.44	.44	e.53	.65	.78	.71	.74	.61	.69	.82
17	.50	e.46	.47	e.42	e.53	.64	.78	.72	.71	.63	.72	.82
18	.74	e.46	.48	.40	e.53	.71	.80	.77	.69	.65	.72	.82
19	.92	.53	.48	.40	e.53	.70	.80	.78	.68	.65	.72	.82
20	.82	.53	.50	.36	e.53	.73	.79	.79	.67	.64	.72	.84
21	.69	.53	.48	.36	e.53	.67	.78	.79	.65	.64	.74	.83
22	.68	.50	.48	.38	e.53	e.67	.78	.82	.65	.64	.76	.83
23	.68	.53	.50	e.40	e.53	e.67	.80	.87	.65	.64	.76	.83
24	.67	.54	.50	e.42	e.53	.69	.83	.85	.65	.64	.76	.82
25	.57	.54	.47	.44	e.53	.69	.86	.83	.65	.64	.76	.83
26	.50	.53	.48	.44	e.53	.69	.82	.87	.65	.64	.76	.83
27	.50	.51	.49	.44	e.53	.69	.85	.87	.65	.64	.76	.83
28	.50	.53	.48	.44	.53	.70	.88	.85	.65	.64	.76	.82
29	.42	.50	.46	.44	---	.71	1.0	.86	.65	.64	.76	.84
30	.41	.50	e.46	.55	---	.72	1.1	.87	.65	.64	.77	.86
31	.40	---	.46	.55	---	.74	---	.84	---	.64	.77	---
TOTAL	16.73	14.68	14.93	14.45	14.92	20.65	24.74	26.62	21.43	19.66	22.16	24.23
MEAN	.54	.49	.48	.47	.53	.67	.82	.86	.71	.63	.71	.81
MAX	.92	.62	.53	.70	.60	1.1	1.1	1.3	.83	.65	.77	.86
MIN	.40	.42	.44	.36	.50	.53	.75	.71	.65	.61	.65	.76
AC-FT	33	29	30	29	30	41	49	53	43	39	44	48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1995, BY WATER YEAR (WY)

MEAN	.38	.37	.39	.39	.42	.49	.53	.47	.40	.35	.37	.38
MAX	.54	.49	.51	.50	.53	.67	.82	.86	.71	.63	.71	.81
(WY)	1995	1995	1990	1990	1995	1995	1995	1995	1995	1995	1995	1995
MIN	.26	.27	.29	.26	.29	.39	.37	.29	.25	.25	.26	.21
(WY)	1993	1993	1993	1992	1993	1991	1992	1992	1992	1993	1994	1991

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1990 - 1995	
ANNUAL TOTAL	151.95		235.20			
ANNUAL MEAN	.42		.64		.41	
HIGHEST ANNUAL MEAN					.64	1995
LOWEST ANNUAL MEAN					.31	1992
HIGHEST DAILY MEAN	.92	Oct 19	1.3	May 1	1.3	May 1 1995
LOWEST DAILY MEAN	.20	Sep 5	.36	Jan 20	.19	Sep 16 1991
ANNUAL SEVEN-DAY MINIMUM	.22	Aug 30	.39	Jan 17	.19	Sep 16 1991
INSTANTANEOUS PEAK FLOW			1.7	Mar 9	2.3	Mar 2 1991
INSTANTANEOUS PEAK STAGE			5.01	Mar 9	5.05	Mar 2 1991
ANNUAL RUNOFF (AC-FT)	301		467		294	
10 PERCENT EXCEEDS	.54		.83		.64	
50 PERCENT EXCEEDS	.43		.65		.39	
90 PERCENT EXCEEDS	.26		.46		.25	

e Estimated

103367592 EAGLE ROCK CREEK NEAR STATELINE, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1990 to current year.

REMARKS.--In November 1989, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
OCT									
05...	1419	0.45	54	--	6.5	4.5	--	--	--
18...	1245	0.70	51	--	13.5	0.5	--	--	--
NOV									
23...	1322	0.45	--	--	11.0	--	--	--	--
DEC									
22...	0945	0.48	51	--	-2.5	1.0	--	--	--
JAN									
04...	1340	0.49	--	--	-2.0	1.0	--	--	--
10...	0955	0.68	--	--	7.0	1.5	--	--	--
31...	1515	0.55	50	7.5	5.0	3.5	603	10.6	101
FEB									
09...	1411	0.54	--	--	4.0	2.0	--	--	--
24...	1145	0.53	50	--	7.5	3.0	--	--	--
MAR									
09...	1515	1.6	47	--	4.5	3.0	--	--	--
14...	1300	0.65	51	--	5.0	4.0	--	--	--
28...	1055	0.69	51	7.5	1.0	1.5	--	--	--
30...	1226	0.68	--	--	4.0	2.0	--	--	--
APR									
25...	1340	0.90	51	--	12.0	5.0	--	--	--
MAY									
04...	0950	1.0	--	--	6.5	3.0	--	--	--
04...	1420	1.0	51	--	7.0	4.0	--	--	--
11...	1350	0.84	51	7.6	10.5	5.0	595	10.1	101
18...	1135	0.77	52	--	11.5	5.0	--	--	--
22...	1710	0.87	49	--	10.0	5.0	--	--	--
30...	1330	0.82	50	--	17.5	8.0	--	--	--
JUN									
12...	1610	0.70	53	--	21.0	8.5	601	9.1	99
29...	1650	0.65	54	--	22.0	10.0	--	--	--
JUL									
18...	1200	0.65	54	7.8	19.0	8.5	601	10.5	114
AUG									
01...	1140	0.65	53	--	21.5	8.5	--	--	--
03...	1023	0.71	--	--	19.0	8.0	--	--	--
30...	1050	0.78	52	7.6	21.5	6.0	603	9.3	95
SEP									
13...	1432	0.77	--	--	23.0	8.0	--	--	--
20...	1030	0.80	53	--	24.0	7.5	--	--	--

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
OCT									
05...	--	--	--	--	--	--	--	--	--
18...	0.001	<0.001	0.07	0.015	0.012	0.007	124	2	<.01
NOV									
23...	--	--	--	--	--	--	--	--	--
DEC									
22...	0.010	<0.001	0.08	0.026	0.021	0.008	143	3	<.01
JAN									
04...	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--
31...	0.012	0.001	0.33	0.033	0.025	0.015	612	7	0.01
FEB									
09...	--	--	--	--	--	--	--	--	--
24...	0.015	0.003	0.20	0.030	0.020	0.010	286	3	<.01
MAR									
09...	0.021	0.001	1.1	0.158	0.035	0.023	2630	75	0.32
14...	0.014	0.002	0.27	0.047	0.024	0.014	488	6	0.01
28...	0.014	0.001	0.23	0.029	0.021	0.010	239	3	0.01
30...	--	--	--	--	--	--	--	--	--
APR									
25...	0.013	0.001	0.32	0.036	0.029	0.012	1040	9	0.02
MAY									
04...	--	--	--	--	--	--	--	--	--
04...	0.010	0.001	0.28	0.040	0.029	0.012	594	8	0.02
11...	0.006	0.001	0.21	0.042	0.027	0.006	--	11	0.02
18...	0.010	0.001	0.27	0.040	0.027	0.012	--	7	0.02
22...	0.011	<0.001	0.37	0.063	0.026	0.010	785	24	0.06
30...	0.014	<0.001	0.28	0.032	0.019	0.011	396	14	0.03
JUN									
12...	0.005	<0.001	0.13	0.031	0.029	0.008	215	6	0.01
29...	0.008	0.002	0.09	0.024	0.016	0.010	220	4	0.01
JUL									
18...	0.003	<0.001	0.11	0.059	0.021	0.010	212	6	0.01
AUG									
01...	0.011	0.001	0.08	0.032	0.025	0.010	241	5	0.01
03...	--	--	--	--	--	--	--	--	--
30...	0.002	0.012	0.04	0.023	0.022	0.010	110	5	0.01
SEP									
13...	--	--	--	--	--	--	--	--	--
20...	0.008	0.003	0.07	0.030	0.023	0.011	131	5	0.01

PYRAMID AND WINNEMUCCA LAKES BASIN

10336760 EDGEWOOD CREEK AT STATELINE, NV

LOCATION.--Lat 38°57'58" (revised), long 119°56'10", in NE 1/4 NE 1/4 sec.27, T.13 N., R.18 E., Douglas County, Hydrologic Unit 16050101, on left bank, at upstream side of culvert on U.S. Highway 50, and 0.5 mi northeast of Stateline.

DRAINAGE AREA.--5.5 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1966 to February 1980 (operated as partial record site), October 1992 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,280 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Discharge affected by slight regulation and diversion for irrigation. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	1.9	2.0	e2.3	3.0	3.6	5.9	21	11	3.8	2.4	2.2
2	1.6	1.9	2.0	e2.2	3.1	4.2	6.1	19	13	4.0	2.4	2.2
3	1.6	2.0	2.1	e2.1	3.1	4.2	6.3	15	9.7	3.9	2.4	2.2
4	1.6	2.0	2.2	e1.9	3.1	4.2	6.5	14	10	3.8	2.4	2.2
5	1.6	2.8	2.2	e1.9	3.0	4.6	6.5	14	10	3.6	2.4	2.2
6	1.7	3.9	e2.0	e2.0	3.3	5.2	7.8	10	9.2	3.6	2.4	2.2
7	1.6	4.2	e2.0	e2.3	4.0	4.6	9.5	4.8	8.8	3.5	2.4	2.2
8	1.7	4.0	e2.0	e2.8	3.8	3.8	9.5	7.5	8.1	2.9	2.4	2.2
9	1.7	3.7	e2.0	e3.3	3.4	5.2	9.0	15	6.6	2.7	2.4	2.2
10	1.7	3.2	e2.0	e4.3	3.0	15	8.6	15	6.8	2.7	2.4	2.2
11	1.7	2.8	e2.0	e4.9	2.8	12	8.3	13	7.6	2.7	2.4	2.2
12	1.7	2.8	e2.0	e4.1	2.5	5.0	8.3	10	7.7	2.7	2.4	2.2
13	1.8	2.7	e2.0	e4.5	2.2	4.7	8.6	11	6.4	2.7	2.4	2.2
14	1.8	2.7	e2.0	e5.0	2.5	4.9	8.5	12	6.1	2.7	2.4	2.3
15	1.9	2.6	e2.0	e4.0	2.6	5.2	8.2	12	6.0	2.7	2.4	2.3
16	1.9	2.2	e2.0	e3.5	2.6	e6.0	7.7	12	6.1	3.5	2.4	2.2
17	2.0	1.9	e2.0	e3.0	2.7	e8.3	7.2	15	6.1	3.6	2.3	2.2
18	2.0	1.9	e2.0	e2.8	2.7	e9.8	4.8	13	5.9	3.5	2.0	2.1
19	1.9	1.9	e2.0	e2.6	2.7	e10	4.2	14	5.7	3.4	1.9	2.1
20	1.8	2.0	e2.1	e2.5	2.7	e10	6.1	16	5.4	3.3	1.9	2.4
21	1.8	2.0	e2.2	e2.5	2.7	9.5	7.3	15	4.4	3.1	1.8	2.8
22	1.8	2.0	e2.2	e2.5	2.8	8.8	7.0	15	4.2	2.7	1.6	2.8
23	1.8	1.9	e2.2	e2.5	3.0	8.1	6.9	17	4.3	2.6	1.6	2.7
24	1.8	1.9	e2.2	e2.5	3.1	6.4	6.9	16	4.4	2.5	1.9	2.6
25	1.8	1.9	e2.2	e2.5	3.1	5.5	7.4	15	5.0	2.4	2.3	2.6
26	1.8	1.9	e2.2	e2.5	3.1	5.6	9.1	12	5.1	2.4	2.3	2.4
27	1.7	1.9	e2.2	e2.5	3.1	5.6	11	13	4.7	2.4	2.2	2.5
28	1.7	2.0	e2.3	e2.5	3.2	5.6	11	13	3.5	2.4	2.2	2.6
29	1.9	2.0	e2.5	e2.6	---	5.6	11	15	3.2	2.4	2.2	2.5
30	1.9	2.0	e2.5	e2.7	---	5.5	11	15	3.2	2.4	2.2	2.5
31	1.9	---	e2.4	e2.9	---	5.6	---	13	---	2.4	2.2	---
TOTAL	54.8	72.6	65.7	90.2	82.9	202.3	236.2	422.3	198.2	93.0	69.0	70.2
MEAN	1.77	2.42	2.12	2.91	2.96	6.53	7.87	13.6	6.61	3.00	2.23	2.34
MAX	2.0	4.2	2.5	5.0	4.0	15	11	21	13	4.0	2.4	2.8
MIN	1.6	1.9	2.0	1.9	2.2	3.6	4.2	4.8	3.2	2.4	1.6	2.1
AC-FT	109	144	130	179	164	401	469	838	393	184	137	139

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1995, BY WATER YEAR (WY)

MEAN	1.85	2.19	1.96	2.56	2.46	4.71	5.72	7.19	3.69	2.09	1.84	1.83
MAX	2.30	2.47	2.29	2.91	2.96	6.53	7.87	13.6	6.61	3.00	2.23	2.34
(WY)	1994	1994	1994	1995	1995	1995	1995	1995	1995	1995	1995	1995
MIN	1.49	1.69	1.48	2.10	2.15	2.57	2.92	2.34	1.57	1.38	1.62	1.47
(WY)	1993	1993	1993	1993	1993	1994	1994	1994	1994	1994	1994	1993

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1993 - 1995	
ANNUAL TOTAL	770.2		1657.4			
ANNUAL MEAN	2.11		4.54		3.18	
HIGHEST ANNUAL MEAN					4.54	1995
LOWEST ANNUAL MEAN					2.17	1994
HIGHEST DAILY MEAN	5.0	Jan 5	21	May 1	21	May 1 1995
LOWEST DAILY MEAN	1.2	Jul 1	1.6	Oct 1	1.1	Sep 28 1993
ANNUAL SEVEN-DAY MINIMUM	1.3	Jul 8	1.6	Oct 1	1.3	Sep 23 1993
INSTANTANEOUS PEAK FLOW			31	May 1	31	May 1 1995
INSTANTANEOUS PEAK STAGE			4.76	May 1	4.76	May 1 1995
ANNUAL RUNOFF (AC-FT)	1530		3290		2300	
10 PERCENT EXCEEDS	2.9		10		6.1	
50 PERCENT EXCEEDS	2.0		2.7		2.3	
90 PERCENT EXCEEDS	1.5		1.9		1.4	

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

10336760 EDGEWOOD CREEK AT STATELINE, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1992 to current year.

REMARKS.--In August 1992, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
OCT									
05...	1232	1.7	--	--	7.0	6.0	--	--	--
18...	1400	1.9	93	--	8.0	6.0	--	--	--
NOV									
05...	1650	3.1	131	--	4.5	4.0	--	--	--
28...	1205	2.0	--	--	-3.0	2.0	--	--	--
DEC									
22...	1110	2.2	104	--	-1.0	3.0	--	--	--
JAN									
04...	1206	1.9	--	--	-4.5	0.5	--	--	--
09...	1700	3.1	162	--	3.5	3.0	--	--	--
13...	1700	4.3	245	--	2.0	2.0	--	--	--
30...	1500	2.7	194	7.4	5.0	4.0	609	10.7	102
FEB									
09...	1205	3.9	--	--	5.0	2.0	--	--	--
24...	1300	3.1	169	--	4.0	3.5	--	--	--
MAR									
09...	1600	7.0	187	--	4.5	3.5	--	--	--
10...	1620	15	150	--	2.0	2.0	--	--	--
13...	1155	7.7	189	--	4.5	3.0	--	--	--
14...	1400	8.6	203	--	7.5	5.5	--	--	--
20...	1230	9.9	210	--	1.0	3.0	--	--	--
28...	1305	5.6	209	--	4.5	3.0	--	--	--
30...	1325	5.7	--	--	3.0	3.5	--	--	--
APR									
04...	1420	6.5	224	--	11.0	5.0	--	--	--
25...	1430	7.7	182	--	14.0	5.5	--	--	--
26...	1845	12	169	--	9.0	5.0	--	--	--
27...	1630	11	185	--	6.0	5.5	--	--	--
MAY									
01...	1630	18	148	--	5.5	4.5	--	--	--
04...	1450	12	141	--	6.5	5.5	--	--	--
11...	1510	11	139	7.8	7.0	7.0	601	9.5	100
18...	1020	13	150	--	10.5	6.0	--	--	--
22...	1750	14	127	--	8.0	7.5	--	--	--
30...	1430	12	132	--	18.0	10.0	--	--	--
JUN									
12...	1650	7.7	141	--	21.5	12.5	605	9.2	110
29...	1730	3.2	143	--	22.0	13.0	--	--	--
JUL									
18...	1320	3.5	159	8.3	19.5	11.0	607	9.3	106
AUG									
01...	1025	2.4	142	--	17.5	11.0	--	--	--
30...	1120	2.2	127	7.8	18.0	9.5	606	9.0	99
SEP									
13...	1532	2.3	--	--	20.0	10.0	--	--	--
20...	1130	2.3	112	--	19.0	9.5	--	--	--

PYRAMID AND WINNEMUCCA LAKES BASIN

10336760 EDGEWOOD CREEK AT STATELINE, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	IRON, BIO. REACTIVE TOTAL (UG/L AS FE) (46568)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)
OCT									
05...	--	--	--	--	--	--	--	--	--
18...	0.002	0.001	0.10	0.024	0.017	0.009	338	1	0.01
NOV									
05...	0.005	0.001	0.29	0.042	0.028	0.009	691	5	0.04
28...	--	--	--	--	--	--	--	--	--
DEC									
22...	0.022	0.006	0.19	0.032	0.028	0.011	342	1	0.01
JAN									
04...	--	--	--	--	--	--	--	--	--
09...	0.021	0.001	0.17	0.044	0.026	0.010	621	5	0.04
13...	0.040	0.002	0.77	0.072	0.016	0.006	1390	18	0.21
30...	0.029	0.003	0.16	0.028	0.022	0.014	613	3	0.02
FEB									
09...	--	--	--	--	--	--	--	--	--
24...	0.027	0.008	0.14	0.043	0.018	0.010	471	3	0.02
MAR									
09...	0.049	0.001	0.60	0.507	0.034	0.019	6540	112	2.1
10...	0.033	0.035	0.49	0.177	0.043	0.032	2400	47	1.9
13...	0.032	0.025	0.31	0.049	0.030	0.018	714	7	0.15
14...	0.031	0.029	0.41	0.050	0.027	0.016	687	6	0.14
20...	0.024	0.002	0.41	0.059	0.025	0.013	714	10	0.27
28...	0.029	0.010	0.12	0.050	0.026	0.013	501	3	0.05
30...	--	--	--	--	--	--	--	--	--
APR									
04...	0.024	0.012	0.26	0.035	0.027	0.013	470	5	0.09
25...	0.017	0.012	0.29	0.038	0.030	0.011	807	7	0.15
26...	0.016	0.010	0.28	0.041	0.028	0.013	879	10	0.32
27...	0.023	0.004	0.31	0.044	0.028	0.011	773	12	0.36
MAY									
01...	0.020	0.030	1.1	0.124	0.036	0.018	2740	48	2.3
04...	0.014	0.008	0.30	0.037	0.032	0.014	658	9	0.29
11...	0.012	<0.001	0.26	0.036	0.032	0.012	--	7	0.21
18...	0.013	0.005	0.27	0.039	0.031	0.013	--	10	0.35
22...	0.014	<0.001	0.28	0.054	0.035	0.013	794	10	0.38
30...	0.012	0.002	0.27	0.029	0.021	0.013	465	6	0.19
JUN									
12...	0.018	<0.001	0.21	0.035	0.030	0.012	468	4	0.08
29...	0.017	0.002	0.18	0.033	0.021	0.014	580	3	0.03
JUL									
18...	0.018	<0.001	0.23	0.058	0.024	0.012	672	4	0.04
AUG									
01...	0.020	0.003	0.14	0.040	0.027	0.012	673	3	0.02
30...	0.018	0.002	0.10	0.030	0.024	0.012	493	3	0.02
SEP									
13...	--	--	--	--	--	--	--	--	--
20...	0.015	0.006	0.10	0.032	0.024	0.012	444	2	0.01

385758119561101 CULVERT-HWY 50 RUNOFF INTO EDGEWOOD CREEK-LEFT BANK, UPSTREAM,HIGHWAY 50, NV

LOCATION.--Lat 38°57'58", long 119°56'11", in NE $^1/_4$ NE $^1/_4$ sec.27, T.13 N., R.18 E., Douglas County, Hydrologic Unit 16050101, on left bank, downstream end 8" culvert at upstream side of Edgewood Creek culvert on U.S. Highway 50 and 0.5 mi northeast of Stateline.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--January 1995.

REMARKS.--In January 1995, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
JAN							
30...	1530	0.10	674	8.2	5.0	8.0	0.130

DATE	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)
JAN						
30...	0.003	14	3.86	0.081	0.070	131000

PYRAMID AND WINNEMUCCA LAKES BASIN

10336765 EDGEWOOD CREEK AT LAKE TAHOE NEAR STATELINE, NV

LOCATION.--Lat 38°58'05", long 119°56'54", in NE $^1/_4$ NW $^1/_4$ sec.27, T.13 N., R.18 E., Douglas County, Hydrologic Unit 16050101, on right bank, 800 ft above mouth, on Edgewood Golf Course at Stateline.

DRAINAGE AREA.--5.50 mi^2.

PERIOD OF RECORD.--Water years 1984-85, 1989 to current year.

REMARKS.--In December 1988, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)
FEB									
24...	1050	0.50	165	--	8.0	5.0	--	--	--
MAR									
09...	1340	37	102	--	4.5	4.0	--	--	--
14...	1000	9.1	183	--	8.0	5.0	--	--	--
APR									
04...	1330	8.0	210	7.7	9.0	7.5	--	--	--
26...	2000	8.9	184	--	6.0	9.0	--	--	--
27...	1500	15	172	--	7.5	8.0	--	--	--
MAY									
01...	1545	23	150	--	5.0	7.5	--	--	--
11...	1250	14	148	8.1	9.0	9.0	601	9.9	109
22...	1600	16	129	--	12.0	10.5	--	--	--
JUN									
13...	1530	6.2	146	9.0	17.5	15.0	604	10.3	129
SEP									
20...	1410	4.5	125	--	24.0	16.0	--	--	--

DATE	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	IRON, BIO. REACTIVE TOTAL (UG/L AS FE) (46568)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)
FEB									
24...	0.032	0.048	0.51	0.066	0.021	0.010	1070	6	0.01
MAR									
09...	0.032	0.043	1.6	0.254	0.038	0.025	7100	325	32
14...	0.049	0.052	0.60	0.058	0.022	0.016	1000	10	0.25
APR									
04...	0.040	0.006	0.41	0.049	0.029	0.014	781	7	0.15
26...	0.019	0.007	0.31	0.047	0.026	0.011	735	8	0.19
27...	0.037	0.001	0.46	0.101	0.034	0.013	1460	41	1.7
MAY									
01...	0.023	0.008	0.48	0.103	0.028	0.007	1520	29	1.8
11...	0.013	<0.001	0.30	0.054	0.024	0.011	--	6	0.23
22...	0.021	0.020	0.42	0.073	0.038	0.017	728	12	0.52
JUN									
13...	0.017	<0.001	0.41	0.041	0.036	0.012	581	4	0.07
SEP									
20...	0.008	0.013	0.30	0.040	0.025	0.011	812	5	0.06

PYRAMID AND WINNEMUCCA LAKES BASIN

10336770 TROUT CREEK AT U.S. FOREST SERVICE ROAD 12N01 NEAR MEYERS, CA

LOCATION.--Lat 38°51'48", long 119°57'26", in NE $^1/_4$ NW $^1/_4$ sec.26, T.12 N., R.18 E., El Dorado County, Hydrologic Unit 16050101, on right bank, 50 ft downstream from U.S. Forest Service Road 12N01, about 2.2 mi upstream from confluence of Saxon Creek, and 2.6 mi northeast of Meyers.

DRAINAGE AREA.--7.40 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1990 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,850 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e3.4	3.1	4.2	7.5	5.2	4.8	6.0	26	76	100	27	11
2	e3.5	3.3	4.2	7.5	4.9	4.8	6.0	16	84	99	27	11
3	e3.6	4.0	4.3	7.2	4.6	4.8	6.3	14	85	101	25	11
4	e4.0	7.2	4.2	6.8	.6	e4.8	7.0	14	86	93	24	10
5	e3.9	8.2	4.2	e6.5	6	4.7	7.6	13	87	96	23	10
6	e3.8	9.0	4.2	e6.3		e4.7	7.7	12	73	100	22	10
7	e3.7	5.1	e4.2	e6.1		e4.7	7.5	12	63	96	21	10
8	e3.7	4.6	e4.2	5.8	[illegible]	4.7	7.4	12	61	92	20	10
9	e3.6	4.3	e4.2	5.9	4.4	14	6.9	14	61	84	20	9.8
10	e3.5	e4.4	e4.2	6.5	4.4	9.8	6.9	15	67	78	19	9.7
11	e3.5	4.4	e4.1	5.9	4.4	7.7	7.4	16	76	73	19	9.5
12	e3.6	4.3	4.1	5.8	4.4	6.4	8.2	17	85	70	18	9.5
13	e3.6	e4.8	4.1	8.7	4.4	6.3	8.5	17	89	65	19	9.6
14	e3.7	e5.0	4.0	8.9	e4.4	6.7	7.6	13	86	66	24	9.5
15	e3.9	e4.9	3.9	7.2	e4.3	6.7	7.3	13	79	63	24	9.5
16	e4.3	e4.8	4.0	6.5	4.2	6.5	7.0	13	70	59	23	9.5
17	e4.6	e4.8	4.0	e6.0	4.2	6.3	6.8	14	66	57	23	9.5
18	e4.5	e4.8	4.0	e5.6	4.2	8.0	6.7	16	70	53	21	9.5
19	e4.4	e4.7	4.0	e5.1	4.3	8.0	6.5	19	71	50	19	9.4
20	e4.4	e4.6	4.0	e4.7	4.5	7.9	6.6	23	68	48	20	9.4
21	e4.3	e4.5	4.0	4.5	4.7	7.2	6.5	27	68	45	21	9.2
22	e4.3	e4.5	4.0	4.2	4.7	7.4	6.6	29	75	41	21	9.0
23	e4.3	e4.4	4.0	4.0	4.8	e7.0	7.2	33	85	39	20	8.9
24	3.9	e4.4	4.0	4.0	4.9	6.8	8.5	32	100	37	20	8.9
25	3.6	e4.3	3.9	4.1	4.9	6.0	10	30	106	35	17	8.9
26	3.5	e4.3	3.9	4.0	5.0	5.8	11	34	119	33	16	8.8
27	3.3	4.2	3.9	4.0	4.9	5.7	11	38	128	32	16	8.9
28	2.9	4.1	4.0	4.4	4.8	5.7	10	42	130	31	15	8.9
29	2.9	4.2	3.9	4.2	---	5.7	12	47	117	31	13	9.0
30	2.9	4.2	e5.0	4.2	---	5.7	12	52	117	30	11	8.7
31	2.9	---	e6.1	5.0	---	5.9	---	62	---	28	11	---
TOTAL	116.0	143.4	129.0	177.1	128.2	201.2	236.7	735	2548	1925	619	286.6
MEAN	3.74	4.78	4.16	5.71	4.58	6.49	7.89	23.7	84.9	62.1	20.0	9.55
MAX	4.6	9.0	6.1	8.9	5.2	14	12	62	130	101	27	11
MIN	2.9	3.1	3.9	4.0	4.2	4.7	6.0	12	61	28	11	8.7
AC-FT	230	284	256	351	254	399	469	1460	5050	3820	1230	568

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1995, BY WATER YEAR (WY)

MEAN	3.75	4.10	3.49	3.89	3.64	5.55	8.48	18.6	26.0	15.8	6.87	4.65
MAX	5.15	4.80	4.71	5.71	4.60	9.63	13.2	36.9	84.9	62.1	20.0	9.55
(WY)	1994	1994	1994	1995	1994	1993	1993	1993	1995	1995	1995	1995
MIN	2.91	2.93	2.63	2.59	2.65	3.25	5.18	8.81	4.10	3.60	3.36	3.32
(WY)	1993	1993	1993	1991	1991	1991	1991	1992	1992	1992	1994	1990

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1990 - 1995	
ANNUAL TOTAL	1910.6		7245.2			
ANNUAL MEAN	5.23		19.8		9.31	
HIGHEST ANNUAL MEAN					19.8	1995
LOWEST ANNUAL MEAN					4.48	1992
HIGHEST DAILY MEAN	16	May 12	130	Jun 28	130	Jun 28 1995
LOWEST DAILY MEAN	2.9	Oct 28	2.9	Oct 28	1.9	Dec 21 1990
ANNUAL SEVEN-DAY MINIMUM	3.0	Oct 27	3.0	Oct 27	2.4	Dec 17 1990
INSTANTANEOUS PEAK FLOW			166	Jun 27	166	Jun 27 1995
INSTANTANEOUS PEAK STAGE			6.19	Jun 27	6.19	Jun 27 1995
ANNUAL RUNOFF (AC-FT)	3790		14370		6740	
10 PERCENT EXCEEDS	9.5		68		16	
50 PERCENT EXCEEDS	4.5		7.2		4.5	
90 PERCENT EXCEEDS	3.3		4.0		2.9	

e Estimated

10336770 TROUT CREEK AT U.S. FOREST SERVICE ROAD 12N01 NEAR MEYERS, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1990 to current year.

REMARKS.--In November 1989, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
OCT									
03...	1116	3.7	--	--	11.0	5.0	--	--	--
19...	1330	4.4	55	--	8.5	3.0	--	--	--
NOV									
06...	1620	8.0	50	--	4.5	2.0	--	--	--
14...	1127	5.0	--	--	2.0	2.5	--	--	--
DEC									
30...	1420	4.7	55	--	2.5	1.0	--	--	--
FEB									
10...	1110	4.7	54	--	4.5	1.0	--	--	--
MAR									
17...	0934	6.2	--	--	3.0	2.0	--	--	--
MAY									
01...	1407	29	--	--	1.5	0.5	--	--	--
19...	1230	17	35	--	14.0	4.0	--	--	--
23...	1740	41	28	--	6.5	3.0	--	--	--
31...	1830	83	22	--	10.5	3.0	--	--	--
JUN									
02...	1730	100	21	--	14.5	3.5	--	--	--
05...	1300	79	20	--	13.5	4.5	--	--	--
14...	1800	83	20	7.3	11.0	5.0	583	10.1	104
23...	1910	120	18	--	19.0	5.5	--	--	--
28...	1810	180	17	--	20.0	7.0	--	--	--
JUL									
07...	1230	90	18	--	19.5	8.0	--	--	--
17...	1540	56	22	7.6	16.5	8.5	591	9.5	104
AUG									
01...	1540	25	29	--	22.5	11.5	--	--	--
29...	1130	14	43	--	16.5	7.5	--	--	--
29...	1540	12	40	7.2	20.0	9.0	591	8.8	98
SEP									
15...	1515	9.3	44	--	21.0	9.5	--	--	--

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, BIO. REACT-IVE TOTAL (UG/L AS FE) (46568)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)
OCT									
03...	--	--	--	--	--	--	--	--	--
19...	0.001	<0.001	0.09	0.016	0.013	0.007	54	1	0.01
NOV									
06...	0.005	<0.001	0.29	0.029	0.021	0.008	239	5	0.11
14...	--	--	--	--	--	--	--	--	--
DEC									
30...	0.011	<0.001	0.10	0.029	0.024	0.010	188	4	0.05
FEB									
10...	0.006	<0.001	0.19	0.020	0.021	0.007	85	3	0.04
MAR									
17...	--	--	--	--	--	--	--	--	--
MAY									
01...	--	--	--	--	--	--	--	--	--
19...	0.009	0.001	0.17	0.027	0.016	0.006	--	5	0.23
23...	0.013	<0.001	0.36	0.071	0.016	0.007	744	48	5.3
31...	0.012	<0.001	0.97	0.139	0.017	0.011	976	254	57
JUN									
02...	0.009	0.008	0.64	0.090	0.016	0.010	1520	167	45
05...	--	--	--	--	--	--	--	--	--
14...	0.004	<0.001	0.24	0.057	0.018	0.006	830	93	21
23...	0.007	0.001	0.61	0.094	0.021	0.009	2480	174	56
28...	0.003	0.002	0.17	0.072	0.020	0.010	1060	168	82
JUL									
07...	0.003	0.001	0.11	0.047	0.017	0.005	748	37	9.0
17...	0.003	<0.001	0.13	0.038	0.017	0.009	157	10	1.5
AUG									
01...	0.004	0.001	0.12	0.028	0.019	0.009	213	8	0.54
29...	--	--	--	--	--	--	--	--	--
29...	0.002	0.001	0.06	0.021	0.025	0.010	95	2	0.07
SEP									
15...	0.006	0.003	0.06	0.024	0.021	0.011	175	2	0.05

PYRAMID AND WINNEMUCCA LAKES BASIN

10336775 TROUT CREEK AT PIONEER TRAIL NEAR SOUTH LAKE TAHOE, CA

LOCATION.--Lat 38°54'13", long 119°58'04", in SE $^1/_4$ NE $^1/_4$ sec.10, T.12 N., R.18 E., El Dorado County, Hydrologic Unit 16050101, on left bank, 200 ft upstream of Pioneer Trail Road, 0.6 mi upstream of confluence of Cold Creek, and 2.8 mi south of South Lake Tahoe.

DRAINAGE AREA.--23.7 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1990 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,270 ft above sea level, from topographic map. Prior to May 1, 1992, at datum 0.12 ft higher.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.7	6.6	e6.7	e17	14	13	29	178	142	238	56	22
2	4.6	7.3	e6.8	e10	13	14	29	115	147	228	49	22
3	5.0	6.9	e6.9	e10	13	16	30	82	149	223	48	22
4	6.2	8.3	e6.8	e10	12	21	33	75	156	213	46	21
5	6.7	13	e6.6	e9.7	12	15	36	69	161	209	44	21
6	6.2	16	e6.4	e13	11	16	38	62	138	212	43	22
7	5.9	9.3	e6.3	e21	11	17	47	57	121	215	41	21
8	5.7	7.7	e6.2	e18	11	14	44	57	109	221	40	21
9	5.5	7.0	e6.1	e19	10	72	36	58	105	213	38	21
10	5.3	7.4	e6.0	e19	11	109	34	60	114	201	37	21
11	5.3	7.2	e5.9	e21	12	78	36	61	132	186	36	20
12	5.2	6.8	e5.8	e22	11	49	41	57	144	168	36	19
13	5.3	e6.0	e5.7	e27	10	43	45	54	152	146	36	19
14	5.6	e5.4	e5.5	e28	14	49	37	52	159	134	36	18
15	5.8	e5.0	e5.5	e26	13	49	34	53	155	127	35	18
16	5.8	e4.8	e5.6	e23	15	44	32	54	132	126	35	18
17	5.9	e5.0	e5.9	e20	15	39	30	57	125	122	35	19
18	6.0	e5.1	e6.0	19	16	56	29	62	129	116	33	18
19	5.9	e5.2	e6.0	16	17	55	29	67	135	109	34	18
20	6.0	e5.3	e6.0	15	14	58	29	72	131	104	32	18
21	5.8	e5.4	e6.0	14	11	48	27	77	129	102	33	18
22	5.8	e5.5	e6.0	13	11	39	28	85	140	98	33	18
23	5.8	e5.6	e6.0	13	11	36	30	89	[illegible]	92	32	17
24	5.8	e5.7	e5.9	12	12	37	35	86	[illegible]	87	30	17
25	5.8	e5.8	e5.9	12	12	41	42	80	206	83	30	17
26	6.0	e6.0	e9.0	11	12	38	45	82	224	78	30	17
27	5.6	e5.9	e11	12	12	35	56	90	230	74	31	17
28	5.0	e6.0	e11	11	12	28	65	93	245	71	30	17
29	5.9	e6.3	e9.8	11	---	27	89	101	239	68	26	17
30	6.0	e6.5	e9.6	10	---	27	98	110	264	64	23	17
31	6.1	---	e13	12	---	28	---	123	---	61	23	---
TOTAL	176.2	204.0	215.9	494.7	348	1211	1213	2418	4753	4389	1111	571
MEAN	5.68	6.80	6.96	16.0	12.4	39.1	40.4	78.0	158	142	35.8	19.0
MAX	6.7	16	13	28	17	109	98	178	264	238	56	22
MIN	4.6	4.8	5.5	9.7	10	13	27	52	105	61	23	17
AC-FT	349	405	428	981	690	2400	2410	4800	9430	8710	2200	1130

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 1995, BY WATER YEAR (WY)

MEAN	6.18	6.81	6.58	7.95	7.87	17.4	23.8	43.5	50.4	34.4	11.5	7.76
MAX	10.3	9.27	8.32	16.0	12.4	39.1	40.4	82.0	158	142	35.8	19.0
(WY)	1994	1994	1994	1995	1995	1995	1995	1993	1995	1995	1995	1995
MIN	4.49	5.03	4.05	4.70	5.49	7.85	12.2	14.2	7.66	5.84	4.48	4.08
(WY)	1991	1991	1991	1991	1993	1992	1991	1992	1992	1992	1994	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1990 - 1995	
ANNUAL TOTAL	3336.6		17104.8			
ANNUAL MEAN	9.14		46.9		19.9	
HIGHEST ANNUAL MEAN					46.9	1995
LOWEST ANNUAL MEAN					7.71	1992
HIGHEST DAILY MEAN	29	May 12	264	Jun 30	264	Jun 30 1995
LOWEST DAILY MEAN	3.8	Aug 22	4.6	Oct 2	2.0	Dec 22 1990
ANNUAL SEVEN-DAY MINIMUM	3.9	Aug 18	5.1	Nov 14	2.8	Dec 21 1990
INSTANTANEOUS PEAK FLOW			337	Jun 30	337	Jun 30 1995
INSTANTANEOUS PEAK STAGE			4.69	Jun 30	4.69	Jun 30 1995
ANNUAL RUNOFF (AC-FT)	6620		33930		14440	
10 PERCENT EXCEEDS	17		132		43	
50 PERCENT EXCEEDS	7.4		22		8.0	
90 PERCENT EXCEEDS	4.3		5.9		4.3	

e Estimated

10336775 TROUT CREEK AT PIONEER TRAIL NEAR SOUTH LAKE TAHOE, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1990 to current year.

REMARKS.--In November 1989, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
OCT									
04...	1025	5.5	--	--	4.0	3.5	--	--	--
19...	1410	5.4	58	--	10.0	5.0	--	--	--
NOV									
06...	1715	13	50	--	5.0	4.0	--	--	--
16...	0958	4.8	--	--	-3.0	2.0	--	--	--
DEC									
27...	1330	11	--	--	1.5	0.5	--	--	--
30...	1300	10	58	--	2.0	0.5	--	--	--
JAN									
10...	1236	19	--	--	1.5	0.5	--	--	--
14...	1103	28	--	--	2.0	1.0	--	--	--
30...	1115	10	57	7.7	7.0	1.5	608	10.9	98
FEB									
07...	1241	11	60	--	7.5	2.5	--	--	--
27...	1450	12	58	--	8.5	4.0	--	--	--
MAR									
09...	1930	138	36	--	3.0	1.0	--	--	--
10...	1520	132	39	--	2.5	1.0	--	--	--
13...	0946	40	--	--	2.5	2.0	--	--	--
13...	1730	43	50	--	3.5	3.0	--	--	--
27...	1610	32	51	7.8	2.5	2.5	--	--	--
APR									
26...	1715	45	46	--	11.0	7.0	--	--	--
28...	1050	65	--	--	8.5	2.0	--	--	--
28...	1620	64	43	--	5.0	5.0	--	--	--
30...	1730	95	40	--	8.0	6.0	--	--	--
MAY									
02...	1750	114	38	--	7.0	5.5	--	--	--
09...	1745	61	42	7.4	8.0	6.0	605	9.8	100
18...	1940	72	43	--	9.0	7.0	--	--	--
23...	1830	100	36	--	8.5	6.5	--	--	--
31...	1930	156	29	--	10.5	7.0	--	--	--
JUN									
01...	1910	180	27	--	8.5	5.5	--	--	--
05...	0943	160	23	--	9.0	4.5	--	--	--
14...	1850	155	24	7.2	10.5	6.5	598	9.0	93
28...	1940	200	24	--	16.0	7.5	--	--	--
JUL									
07...	1055	200	20	--	19.5	7.0	--	--	--
17...	0945	116	18	--	16.5	7.0	--	--	--
17...	1630	112	24	7.5	15.0	8.5	605	9.0	97
AUG									
01...	1655	55	31	--	25.5	13.0	--	--	--
29...	0853	25	--	--	14.5	8.0	--	--	--
29...	1610	24	41	7.4	20.0	12.0	606	8.4	98
SEP									
15...	1620	18	45	--	21.0	12.5	--	--	--

10336775 TROUT CREEK AT PIONEER TRAIL NEAR SOUTH LAKE TAHOE, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	IRON, BIO. REACTIVE TOTAL (UG/L AS FE) (46568)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)
OCT									
04...	--	--	--	--	--	--	--	--	--
19...	0.003	<0.001	0.06	0.016	0.014	0.007	201	3	0.04
NOV									
06...	0.011	<0.001	0.36	0.041	0.026	0.011	451	6	0.21
16...	--	--	--	--	--	--	--	--	--
DEC									
27...	--	--	--	--	--	--	--	--	--
30...	0.008	<0.001	0.20	0.025	0.022	0.008	251	10	0.27
JAN									
10...	--	--	--	--	--	--	--	--	--
14...	--	--	--	--	--	--	--	--	--
30...	0.012	0.001	0.13	0.021	0.019	0.009	390	2	0.05
FEB									
07...	--	--	--	--	--	--	--	--	--
27...	0.010	0.004	0.14	0.043	0.018	0.007	372	1	0.03
MAR									
09...	0.020	<0.001	2.2	0.453	0.023	0.012	8180	260	97
10...	0.018	0.001	0.71	0.287	0.029	0.018	4240	133	47
13...	--	--	--	--	--	--	--	--	--
13...	0.015	0.001	0.27	0.051	0.027	0.014	691	11	1.3
27...	0.014	0.002	0.24	0.036	0.023	0.010	438	8	0.69
APR									
26...	0.010	0.002	0.19	0.031	0.019	0.010	439	7	0.86
28...	--	--	--	--	--	--	--	--	--
28...	0.010	<0.001	0.22	0.033	0.024	0.008	363	15	2.6
30...	0.010	<0.001	0.29	0.044	0.024	0.009	660	31	7.9
MAY									
02...	0.010	<0.001	0.35	0.050	0.023	0.009	872	27	8.3
09...	0.004	0.000	0.14	0.029	0.021	0.008	291	10	1.6
18...	0.006	0.002	0.22	0.033	0.022	0.009	--	17	3.3
23...	0.007	<0.001	0.18	0.037	0.020	0.009	696	23	6.2
31...	0.007	<0.001	0.61	0.082	0.018	0.010	1480	65	27
JUN									
01...	0.012	<0.001	0.38	0.068	0.020	0.010	937	66	32
05...	--	--	--	--	--	--	--	--	--
14...	0.005	<0.001	0.23	0.047	0.019	0.008	779	30	13
28...	0.003	0.002	0.30	0.066	0.021	0.009	1130	204	110
JUL									
07...	0.003	0.001	0.25	0.041	0.016	0.007	658	27	15
17...	--	--	--	--	--	--	--	--	--
17...	0.007	<0.001	0.15	0.049	0.017	0.009	368	16	4.8
AUG									
01...	0.006	0.001	0.11	0.031	0.019	0.009	370	7	1.0
29...	--	--	--	--	--	--	--	--	--
29...	0.006	0.002	0.09	0.025	0.022	0.011	213	4	0.26
SEP									
15...	0.006	0.003	0.07	0.026	0.022	0.011	239	3	0.14

PYRAMID AND WINNEMUCCA LAKES BASIN

10336780 TROUT CREEK NEAR TAHOE VALLEY, CA

LOCATION.--Lat 38°55'12", long 119°58'17", in NW $^1/_4$ SE $^1/_4$ sec.3, T.12 N., R.18 E., El Dorado County, Hydrologic Unit 16050101, on left bank, 5 ft upstream from Martin Avenue Bridge, 500 ft upstream from Heavenly Valley Creek, and 1.8 mi east of Tahoe Valley.

DRAINAGE AREA.--36.7 mi^2.

PERIOD OF RECORD.--October 1960 to current year.
SPECIFIC CONDUCTANCE: March 1981 to September 1983.
WATER TEMPERATURE: October 1971 to June 1974, October 1977 to June 1978, March 1980 to September 1985, October 1987 to September 1988.
SUSPENDED-SEDIMENT DISCHARGE: October 1971 to June 1974, October 1977 to June 1978, March 1980 to September 1985, October 1987 to September 1988.

GAGE.--Water-stage recorder and sharp-crested weir in culvert at bridge. Datum of gage is 6,241.57 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, which are fair. Minor diversions for local water supply upstream from station. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.4	10	12	11	20	20	40	173	182	e245	103	46
2	8.0	11	13	11	20	21	41	148	e240	e245	100	45
3	8.6	9.6	15	11	19	24	42	112	e230	e250	96	45
4	11	9.7	15	e11	18	27	45	103	e230	e250	93	46
5	12	21	15	e11	17	21	49	95	e250	e255	91	45
6	12	27	15	e12	17	20	52	87	e200	255	88	43
7	11	16	e15	e13	16	20	61	81	173	261	86	42
8	9.9	14	e14	14	16	19	60	79	154	265	84	41
9	9.8	13	e13	16	16	94	49	82	150	261	81	41
10	8.8	11	12	28	16	144	45	84	161	251	79	40
11	9.2	13	13	22	16	117	48	86	182	237	76	39
12	9.6	13	12	19	16	68	53	81	196	221	74	38
13	9.6	e13	12	27	15	59	62	79	203	204	73	37
14	9.8	e13	12	38	e15	66	52	77	217	193	71	36
15	10	e13	11	27	e15	64	47	78	217	185	69	36
16	10	e13	12	22	e15	56	45	75	191	181	68	35
17	10	13	13	e20	e16	50	42	79	178	179	67	34
18	10	e13	13	18	16	66	42	85	180	173	65	34
19	10	e12	e12	e18	16	69	42	92	186	166	63	33
20	9.9	12	e12	e18	16	73	41	102	181	159	61	33
21	10	12	e12	17	16	63	41	107	175	153	63	32
22	9.8	12	e12	15	17	49	40	119	185	146	60	32
23	9.8	11	e12	15	18	46	41	126	e200	140	59	31
24	9.8	11	12	16	18	48	46	122	e220	134	57	31
25	9.5	12	12	1[illegible]	19	49	56	111	e250	129	55	31
26	9.6	e12	e12	15	19	44	61	113	e280	124	54	31
27	9.4	e12	12	15	19	41	69	125	e270	119	51	30
28	9.5	e12	12	15	19	39	85	130	e260	116	50	30
29	9.5	12	e12	15	---	39	99	138	e250	114	49	30
30	9.8	12	e12	16	---	38	120	148	e245	111	48	30
31	10	---	e11	18	---	38	---	164	---	107	47	---
TOTAL	304.3	388.3	392	539	476	1592	1616	3281	6236	5829	2181	1097
MEAN	9.82	12.9	12.6	17.4	17.0	51.4	53.9	106	208	188	70.4	36.6
MAX	12	27	15	38	20	144	120	173	280	265	103	46
MIN	8.0	9.6	11	11	15	19	40	75	150	107	47	30
AC-FT	604	770	778	1070	944	3160	3210	6510	12370	11560	4330	2180

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	16.6	19.2	20.4	22.3	24.0	28.8	41.9	75.3	90.0	48.2	23.4	16.8
MAX	37.6	61.1	64.0	60.3	68.7	85.0	92.9	184	286	188	88.7	49.6
(WY)	1983	1984	1984	1970	1986	1986	1982	1969	1983	1995	1983	1983
MIN	5.19	7.43	8.18	8.00	8.02	11.0	15.7	14.2	10.9	5.21	3.43	3.71
(WY)	1989	1978	1991	1991	1991	1977	1988	1988	1988	1988	1977	1977

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1961 - 1995	
ANNUAL TOTAL	5667.6		23931.6			
ANNUAL MEAN	15.5		65.6		35.6	
HIGHEST ANNUAL MEAN					85.3	1983
LOWEST ANNUAL MEAN					10.2	1977
HIGHEST DAILY MEAN	38	Apr 19	280	Jun 26	352	Feb 1 1963
LOWEST DAILY MEAN	6.4	Sep 9	8.0	Oct 2	2.5	Sep 7 1988
ANNUAL SEVEN-DAY MINIMUM	6.7	Aug 26	9.5	Oct 8	3.0	Sep 9 1977
INSTANTANEOUS PEAK FLOW			319	Jun 26	535	Feb 1 1963
INSTANTANEOUS PEAK STAGE			10.14	Jun 26	11.14	Feb 1 1963
ANNUAL RUNOFF (AC-FT)	11240		47470		25790	
10 PERCENT EXCEEDS	26		182		80	
50 PERCENT EXCEEDS	14		39		22	
90 PERCENT EXCEEDS	7.5		11		8.5	

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

10336790 TROUT CREEK AT SOUTH LAKE TAHOE, CA

LOCATION.--Lat 38°55'56", long 119°58'40", in SE 1/4 NW 1/4 sec.3, T.12 N., R.18 E., El Dorado County, Hydrologic Unit 16050101, near center of bridge span on downstream side of U.S. Highway 50 bridge, 1.2 mi upstream from Lake Tahoe, and 1.9 mi northeast of South Lake Tahoe Post Office.

PERIOD OF RECORD.--Water years 1972-74, 1989 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1971 to June 1974, October 1988 to September 1992.
SUSPENDED-SEDIMENT DISCHARGE: October 1971 to June 1974, October 1988 to September 1992.

REMARKS.--In October 1992, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)
OCT									
19...	0915	9.9	56	--	4.0	2.0	--	--	--
NOV									
06...	1255	34	49	--	7.5	4.5	--	--	--
DEC									
22...	1315	12	55	--	5.0	1.0	--	--	--
JAN									
09...	1450	20	60	--	3.0	0.5	--	--	--
10...	1350	39	53	--	2.5	0.5	--	--	--
13...	1900	46	52	--	2.0	1.0	--	--	--
26...	1430	16	58	7.5	0.0	1.5	600	11.1	101
FEB									
01...	1210	21	56	--	10.0	4.0	--	--	--
27...	1030	17	61	--	8.0	3.0	--	--	--
MAR									
09...	1710	160	39	--	3.0	1.0	--	--	--
13...	1500	63	56	--	4.5	4.5	--	--	--
20...	1030	80	52	--	3.5	3.0	--	--	--
27...	1020	49	55	8.1	0.0	0.5	608	11.4	99
APR									
05...	1100	50	53	--	10.0	3.5	--	--	--
26...	1230	64	48	--	13.5	5.0	--	--	--
27...	1800	77	48	--	5.0	4.5	--	--	--
28...	1200	86	45	--	8.5	4.5	--	--	--
29...	1330	95	45	--	8.0	4.0	--	--	--
30...	1145	117	41	--	14.0	6.5	--	--	--
MAY									
02...	1130	150	39	--	7.5	5.0	--	--	--
04...	1130	110	42	--	11.5	4.5	--	--	--
09...	1230	85	44	7.4	11.0	6.0	605	10.2	103
18...	1450	86	46	--	15.0	10.5	--	--	--
23...	1200	130	38	--	10.5	7.0	--	--	--
31...	1200	160	31	--	15.0	9.0	--	--	--
JUN									
02...	1230	245	29	--	16.5	9.5	--	--	--
14...	1200	225	26	7.3	12.5	8.5	601	10.1	110
28...	1000	265	22	7.1	18.5	8.0	--	--	--
28...	1630	270	22	--	22.0	5.0	--	--	--
JUL									
06...	1045	260	22	--	23.0	10.0	--	--	--
17...	0950	188	26	7.2	19.5	9.0	608	8.6	93
AUG									
02...	0940	105	30	--	19.0	9.0	--	--	--
29...	1130	50	37	7.3	20.5	9.0	607	9.0	98
SEP									
15...	1005	38	41	--	18.0	9.0	--	--	--

PYRAMID AND WINNEMUCCA LAKES BASIN

10336790 TROUT CREEK AT SOUTH LAKE TAHOE, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	IRON, BIO. REACTIVE TOTAL (UG/L AS FE) (46568)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)
OCT									
19...	0.003	<0.001	0.09	0.027	0.016	0.008	433	7	0.19
NOV									
06...	0.008	<0.001	0.68	0.136	0.029	0.011	2190	62	5.7
DEC									
22...	0.011	<0.001	0.17	0.038	0.028	0.008	612	9	0.29
JAN									
09...	0.014	0.002	0.33	0.063	0.032	0.010	1180	24	1.3
10...	0.029	0.008	0.95	0.107	0.036	0.013	3100	74	7.8
13...	0.034	<0.001	0.50	0.135	0.020	0.011	1390	77	9.6
26...	0.006	<0.001	0.12	0.030	0.018	0.008	605	5	0.22
FEB									
01...	0.016	0.001	0.24	0.035	0.021	0.011	677	11	0.62
27...	0.013	0.004	0.17	0.039	0.017	0.007	611	10	0.46
MAR									
09...	0.025	<0.001	2.1	0.393	0.020	0.011	8750	335	145
13...	0.015	<0.001	0.55	0.077	0.027	0.013	1340	44	7.5
20...	0.017	0.001	0.32	0.068	0.029	0.013	827	33	7.1
27...	0.014	0.001	0.16	0.064	0.019	0.007	892	32	4.2
APR									
05...	0.014	<0.001	0.26	0.056	0.021	0.010	847	20	2.7
26...	0.011	0.001	--	0.040	0.020	0.009	676	23	4.0
27...	0.014	<0.001	0.35	0.046	0.019	0.009	844	24	5.0
28...	0.013	<0.001	0.27	0.051	0.019	0.008	1020	35	8.1
29...	0.011	0.001	0.30	0.066	0.023	0.009	1060	22	5.6
30...	0.014	<0.001	0.36	0.070	0.023	0.009	1370	88	28
MAY									
02...	0.011	0.001	0.38	0.065	0.026	0.010	1440	40	16
04...	0.006	<0.001	0.24	0.050	0.023	0.007	899	42	12
09...	0.004	<0.001	0.14	0.032	0.023	0.007	385	22	5.0
18...	0.009	0.002	0.21	0.031	0.023	0.009	--	14	3.3
23...	0.008	<0.001	0.18	0.046	0.026	0.010	881	24	8.4
31...	0.007	<0.001	0.23	0.045	0.020	0.010	301	38	16
JUN									
02...	0.011	<0.001	0.29	0.050	0.022	0.012	721	20	13
14...	0.007	<0.001	0.16	0.041	0.023	0.011	511	14	8.5
28...	0.005	<0.001	0.16	0.047	0.028	0.012	529	30	21
28...	0.004	<0.001	0.21	0.092	0.025	0.009	828	221	161
JUL									
06...	0.004	0.001	0.22	0.035	0.023	0.010	339	8	5.6
17...	0.005	<0.001	0.11	0.065	0.023	0.011	627	21	11
AUG									
02...	0.009	0.001	0.16	0.043	0.019	0.010	865	71	20
29...	0.003	0.001	0.11	0.027	0.021	0.011	327	6	0.81
SEP									
15...	0.013	0.004	0.12	0.042	0.027	0.011	678	27	2.8

PYRAMID AND WINNEMUCCA LAKES BASIN

10337000 LAKE TAHOE AT TAHOE CITY, CA

LOCATION.--Lat 39°10'51", long 120°07'06", in NE $^1/_4$ NE $^1/_4$ sec.5, T.15 N., R.17 E., Placer County, Hydrologic Unit 16050101, on U.S. Coast Guard pier at Lake Forest, 1.1 mi northeast of Tahoe City, and 1.8 mi northeast of Lake Tahoe outlet dam on Truckee River at Tahoe City.

DRAINAGE AREA.--506 mi^2, at lake outlet.

PERIOD OF RECORD.--April 1900 to current year. Monthend elevations only for October 1943 to September 1957, published in WSP 1734. Prior to October 1961, published as "at Tahoe."
CHEMICAL DATA: Water year 1969, bimonthly; 1978, biannually; 1979, annually.

REVISED RECORDS.--WDR CA-78-3: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 6,220.00 ft above U.S. Bureau of Reclamation datum, 6,218.86 ft above sea level. Prior to October 1, 1957, nonrecording gages at several sites near outlet of lake at same datum except for water years 1907 and 1908, which were at a datum 5.5 ft higher. October 1, 1957, to May 8, 1958, water-stage recorder on left wingwall of dam at outlet of lake at same datum. May 9, 1958, to September 30, 1968, water-stage recorder on pier, 1,000 ft east of dam at lake outlet.

REMARKS.--Lake levels regulated by a 17-gate concrete dam at outlet of lake; storage began about 1874. Monthly figures given represent usable contents. Usable capacity, 744,600 acre-ft between elevations 6,223 ft, natural rim of lake, and 6,229.1 ft, maximum permissible elevation by Federal Court decree. Lake elevations are referred to U.S. Bureau of Reclamation datum because that datum is used as the official reference point by all local, State, and Federal agencies. There are minor diversions for domestic purposes, irrigation, and power. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 6,231.26 ft, July 14, 15, 17, 18, 1907; minimum, 6220.26 ft, November 30, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 6,226.99 ft, July 29; minimum, 6,221.01 ft, October 31.

Capacity table (elevation, in feet, and contents, in acre-feet)
(Based on topographic information available in April 1959)

6,223	0	6,227	486,800
6,224	121,400	6,228	609,300
6,225	243,000	6,229.1	744,600
6,226	364,800		

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.41	e1.04	e1.20	e1.26	2.12	2.27	3.56	4.15	5.30	6.43	6.95	6.71
2	1.40	e1.05	e1.21	e1.26	2.13	2.35	3.56	4.31	5.37	6.47	6.96	6.70
3	e1.40	e1.08	e1.22	e1.26	2.13	2.38	3.58	4.34	5.39	6.49	6.96	6.72
4	e1.40	e1.14	e1.23	e1.26	2.16	2.37	3.59	4.36	5.43	6.54	6.98	6.68
5	e1.40	e1.16	e1.25	e1.26	2.16	2.37	3.59	4.38	5.47	6.55	6.97	6.67
6	e1.39	e1.17	e1.26	e1.26	2.16	2.37	3.60	4.41	5.47	6.58	6.96	6.67
7	e1.38	e1.17	e1.27	1.26	2.14	2.36	3.65	4.44	5.54	6.64	6.97	6.65
8	e1.37	e1.18	e1.28	1.26	2.14	2.39	3.67	4.45	5.56	6.67	6.93	6.64
9	e1.35	e1.18	e1.27	1.30	2.14	2.56	3.68	4.46	5.60	6.69	6.95	6.64
10	e1.33	e1.19	e1.27	1.48	2.14	2.86	3.68	4.48	5.58	6.71	6.92	6.62
11	e1.31	e1.19	e1.29	1.66	2.16	2.95	3.69	4.50	5.61	6.73	6.88	6.64
12	e1.30	e1.19	e1.31	1.63	2.16	2.97	3.70	4.57	5.67	6.79	6.92	6.63
13	e1.26	e1.19	e1.31	1.77	2.16	2.97	3.77	4.63	5.71	6.77	6.89	6.61
14	e1.24	e1.19	e1.31	1.90	2.16	2.99	3.78	4.64	5.71	6.78	6.90	6.61
15	e1.22	e1.19	e1.29	1.92	2.15	3.01	3.79	4.73	5.80	6.81	6.88	6.60
16	e1.20	e1.19	e1.30	1.94	2.14	3.04	3.80	4.73	5.88	6.83	6.87	6.58
17	e1.18	e1.19	e1.30	1.95	2.17	3.06	3.81	4.73	5.91	6.85	6.85	6.56
18	e1.16	e1.19	e1.30	1.95	2.15	3.12	3.82	4.77	5.91	6.89	6.82	6.58
19	e1.15	e1.20	e1.30	1.95	2.16	3.15	3.81	4.79	5.96	6.89	6.84	6.56
20	e1.14	e1.20	e1.29	1.95	2.16	3.27	3.85	4.80	5.98	6.90	6.83	6.56
21	e1.14	e1.20	e1.28	1.98	2.20	3.33	3.85	4.85	6.01	6.90	6.83	6.53
22	e1.13	e1.20	e1.28	2.00	2.17	3.42	3.85	4.92	6.02	6.91	6.85	6.51
23	e1.12	e1.20	e1.28	2.00	2.18	3.50	3.87	4.95	6.07	6.94	6.80	6.47
24	e1.11	e1.20	e1.27	2.01	2.18	3.52	3.87	4.97	6.11	6.95	6.83	6.46
25	e1.10	e1.20	e1.29	2.02	2.19	3.54	3.87	4.99	6.15	6.93	6.79	6.45
26	e1.09	e1.20	e1.27	2.05	2.20	3.55	3.88	5.03	6.22	6.94	6.80	6.43
27	e1.07	e1.20	e1.27	2.08	2.20	3.55	3.89	5.09	6.24	6.96	6.77	6.42
28	e1.06	e1.21	e1.27	2.08	2.27	3.56	3.95	5.14	6.31	6.96	6.75	6.37
29	e1.04	e1.21	e1.27	2.08	---	3.55	3.99	5.15	6.35	6.99	6.75	6.37
30	e1.04	e1.21	e1.27	2.10	---	3.55	4.08	5.20	6.37	6.96	6.73	6.37
31	e1.01	---	e1.28	2.11	---	3.55	---	5.26	---	6.96	6.75	---
MEAN	1.22	1.18	1.27	1.74	2.16	3.01	3.77	4.72	5.82	6.79	6.87	6.57
MAX	1.41	1.21	1.31	2.11	2.27	3.56	4.08	5.26	6.37	6.99	6.98	6.72
MIN	1.01	1.04	1.20	1.26	2.12	2.27	3.56	4.15	5.30	6.43	6.73	6.37
a	0	0	0	0	0	66,800	131,000	275,000	410,000	482,000	456,000	410,000
b	0	0	0	0	0	+66,800	+64,200	+144,000	+135,000	+72,000	-26,000	-46,000

CAL YR 1994 MEAN 2.05 MAX 2.79 MIN 1.01 b 0
WTR YR 1995 MEAN 3.77 MAX 6.99 MIN 1.01 b +410,000

e Estimated
a Usable contents, in acre-feet, at end of month.
b Change in contents, in acre-feet.
NOTE.--Add 6,220 ft to obtain elevation, U.S. Bureau of Reclamation datum, at 2400 hours.

PYRAMID AND WINNEMUCCA LAKES BASIN

10337500 TRUCKEE RIVER AT TAHOE CITY, CA

LOCATION.--Lat 39°09'59", long 120°08'36", in NE $^1/_4$ NW $^1/_4$ sec.7, T.15 N., R.17 E., Placer County, Hydrologic Unit 16050102, on left bank, 510 ft downstream from dam at outlet of Lake Tahoe at Tahoe City.

DRAINAGE AREA.--507 mi^2.

PERIOD OF RECORD.--July 1895 to February 1896, March 1900 to current year. Monthly discharge only for some periods, published in WSP 1314 and 1734. Prior to October 1961, published as "at Tahoe."
WATER TEMPERATURE: June 1993 to September 1994.

REVISED RECORDS.--WDR CA-78-3: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 6,216.59 ft above sea level. Prior to November 12, 1912, nonrecording gage at site 370 ft upstream at different datum. November 12, 1912, to September 30, 1937, nonrecording gage; October 1, 1937, to August 21, 1957, water-stage recorder at datum 2.26 ft higher; and August 22, 1957, to July 10, 1960, at datum 2.42 ft higher; all at site 270 ft upstream.

REMARKS.--Records fair except estimated daily discharge, which is poor. Stage-discharge relation affected by beaver dams and ice. Flow completely regulated by dam at outlet of Lake Tahoe (station 10337000), 510 ft upstream. There are several diversions for irrigation, power, and domestic water supply. In addition, sewer effluent is pumped from the Lake Tahoe basin. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e.00	e.00	e.00	e.00	e.20	e1.2	e1.0	54	80	78	63	25
2	e.00	e.00	e.00	e.00	e.20	e1.1	e1.0	35	79	75	71	22
3	e.00	e.00	e.10	e.00	e.20	e1.0	e1.0	44	79	75	68	18
4	e.00	e.00	e.00	e.00	e.20	e1.0	e1.0	58	80	75	66	20
5	e.00	e1.00	e.00	e.00	e.20	e1.0	e20	63	78	72	67	36
6	e.00	e.60	e.00	e1.0	e.20	e1.0	42	64	68	67	64	67
7	e.00	e.15	e.00	e1.5	e.20	e1.0	65	68	70	67	61	60
8	e.00	e.00	e.00	e2.0	e.20	e1.1	47	70	71	68	57	59
9	e.00	e.00	e.00	e2.0	e.20	e5.5	42	71	71	66	53	59
10	e.00	e.00	e.00	e2.0	e.20	e5.0	52	73	74	66	50	58
11	e.00	e.00	e.00	e1.5	e.20	e4.5	65	75	74	67	49	59
12	e.00	e.00	e.00	e1.0	e.20	e4.0	65	75	73	65	52	61
13	e.00	e.00	e.00	e2.0	e.20	e4.0	65	75	71	65	50	68
14	e.00	e.00	e.00	e1.5	e.20	e4.5	59	75	83	66	46	69
15	e.00	e.00	e.00	e1.0	e.20	e5.0	56	76	78	67	44	69
16	e.00	e.00	e.00	e1.0	e.20	e3.0	51	76	75	66	44	69
17	e.00	e.00	e.00	e1.0	e.20	e1.2	50	76	74	66	44	69
18	e.00	e.00	e.00	e1.0	e.20	e4.5	53	80	74	67	41	70
19	e.00	e.00	e.00	e.50	e.20	e4.0	53	83	73	65	41	71
20	e.00	e.00	e.00	e.30	e.20	e3.5	52	84	74	63	42	70
21	e.00	e.00	e.00	e.20	e.30	e2.5	53	84	70	63	38	70
22	e.00	e.00	e.00	e.20	e.40	e2.0	57	79	71	63	34	71
23	e.00	e.00	e.00	e.20	e.60	e1.5	57	79	75	64	35	70
24	e.00	e.00	e.00	e.20	e.80	e1.0	57	79	76	64	30	68
25	e.00	e.00	e.00	e.20	e1.0	e1.0	59	78	76	64	29	61
26	e.00	e.00	e.00	e.20	e1.1	e1.0	58	68	76	65	30	61
27	e.00	e.00	e.00	e.20	e1.1	e1.0	55	68	77	66	28	67
28	e.00	e.00	e.00	e.20	e1.1	e1.0	46	83	77	66	27	69
29	e.00	e.00	e.00	e.20	---	e1.0	52	80	77	59	27	69
30	e.00	e.00	e.00	e.20	---	e1.0	51	80	80	56	28	68
31	e.00	---	e.00	e.20	---	e1.0	---	80	---	60	25	---
TOTAL	0.00	1.75	0.10	21.50	10.40	71.1	1386.0	2233	2254	2056	1404	1773
MEAN	.000	.058	.003	.69	.37	2.29	46.2	72.0	75.1	66.3	45.3	59.1
MAX	.00	1.0	.10	2.0	1.1	5.5	65	84	83	78	71	71
MIN	.00	.00	.00	.00	.20	1.0	1.0	35	68	56	25	18
AC-FT	.00	3.5	.2	43	21	141	2750	4430	4470	4080	2780	3520

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1909 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	183	198	221	218	267	240	164	147	215	273	313	266
MAX	413	1575	2209	2088	1767	2235	1806	1746	1673	1071	638	687
(WY)	1910	1983	1984	1984	1983	1986	1983	1958	1969	1983	1918	1983
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1932	1921	1925	1925	1925	1925	1919	1919	1921	1931	1931	1931

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1909 - 1995	
ANNUAL TOTAL	31.08		11210.85			
ANNUAL MEAN	.085		30.7		223	
HIGHEST ANNUAL MEAN					1150	1983
LOWEST ANNUAL MEAN					.15	1994
HIGHEST DAILY MEAN	1.0	Nov 5	84	May 20	2620	Jun 20 1969
LOWEST DAILY MEAN	.00	Jun 2	.00	Oct 1	.00	Jan 4 1914
ANNUAL SEVEN-DAY MINIMUM	.00	Jun 2	.00	Oct 1	.00	Jan 23 1914
INSTANTANEOUS PEAK FLOW			165	Jun 14	2630	Jun 19 1969
INSTANTANEOUS PEAK STAGE			3.94	Sep 30	9.32	Jun 19 1969
ANNUAL RUNOFF (AC-FT)	62		22240		161600	
10 PERCENT EXCEEDS	.20		75		465	
50 PERCENT EXCEEDS	.00		4.5		131	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

10338000 TRUCKEE RIVER NEAR TRUCKEE, CA

LOCATION.--Lat 39°17'17", long 120°12'16", in SW $^1/_4$ NE $^1/_4$ sec.28, T.17 N., R.16 E., Placer County, Hydrologic Unit 16050102, Tahoe National Forest, on left bank, 1.4 mi downstream from Cabin Creek and 2.5 mi southwest of Truckee.

DRAINAGE AREA.--553 mi^2.

PERIOD OF RECORD.--December 1944 to September 1961, June 1977 to September 1982, October 1992 to September 1995 (discontinued). Monthly discharge only for some periods, published in WSP 1314.
SPECIFIC CONDUCTANCE: July 1977 to September 1982.
WATER TEMPERATURE: July 1977 to September 1982, March 1993 to September 1994.

REVISED RECORDS.--WDR CA-77-3: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 5,857.66 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, which are fair. Flow regulated by Lake Tahoe (station 10337000), operating capacity, 744,600 acre-feet. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.7	e9.0	12	17	151	118	144	1410	831	553	171	53
2	5.7	e8.0	15	15	161	124	152	929	784	525	173	52
3	5.4	e11	19	14	134	143	161	686	789	534	168	49
4	7.7	e9.2	25	15	120	120	185	609	825	506	160	48
5	9.5	e10	26	15	116	110	213	552	752	515	158	46
6	8.1	e25	23	16	114	99	266	484	595	508	151	82
7	7.3	e60	19	27	105	94	330	449	505	492	146	80
8	6.9	e36	18	31	103	92	324	453	441	465	134	79
9	6.5	e25	17	80	95	874	268	457	443	454	122	79
10	6.5	e16	17	357	93	962	246	469	521	435	115	78
11	6.3	e16	17	194	90	649	267	502	610	393	110	78
12	6.0	e17	17	130	90	409	299	461	632	336	107	78
13	6.1	e14	16	339	89	332	377	416	610	302	104	83
14	6.3	e13	16	554	83	348	312	400	620	297	100	85
15	7.0	e12	16	259	76	434	281	380	660	312	94	83
16	6.7	e13	15	165	70	372	252	362	539	322	94	83
17	6.6	e14	16	131	68	319	232	409	471	324	94	83
18	6.5	e14	16	105	66	397	219	502	513	316	88	83
19	6.5	e12	16	90	68	388	209	584	511	290	82	83
20	6.5	e21	16	78	74	406	206	655	481	273	81	82
21	e6.7	e18	16	70	87	346	198	697	477	259	83	83
22	e6.9	e15	16	68	99	292	195	711	515	239	75	82
23	e7.1	e14	16	65	109	253	214	712	573	222	75	82
24	e7.6	e15	17	62	119	218	252	678	637	210	74	79
25	e7.7	e16	17	59	129	190	319	630	689	204	65	76
26	e8.0	e13	17	56	132	172	356	672	708	198	64	73
27	e9.0	e10	17	54	126	157	399	700	672	197	62	74
28	e9.6	e17	17	52	119	147	440	708	629	214	60	80
29	e9.7	e15	15	52	---	137	665	728	590	220	59	80
30	e9.7	e16	15	56	---	134	687	775	586	183	59	80
31	e9.7	---	15	93	---	136	---	820	---	177	56	---
TOTAL	225.5	504.2	530	3319	2886	8972	8668	19000	18209	10475	3184	2256
MEAN	7.27	16.8	17.1	107	103	289	289	613	607	338	103	75.2
MAX	9.7	60	26	554	161	962	687	1410	831	553	173	85
MIN	5.4	8.0	12	14	66	92	144	362	441	177	56	46
AC-FT	447	1000	1050	6580	5720	17800	17190	37690	36120	20780	6320	4470

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1945 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	200	205	244	241	259	265	380	553	431	291	278	253
MAX	387	551	1019	1140	1560	1421	1734	2403	1381	535	492	453
(WY)	1948	1951	1951	1951	1952	1952	1958	1958	1952	1953	1959	1954
MIN	7.27	11.3	14.2	8.82	12.2	58.1	98.3	122	34.5	6.40	3.56	4.72
(WY)	1995	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1945 - 1995	
ANNUAL TOTAL	11892.5		78228.7			
ANNUAL MEAN	32.6		214		305	
HIGHEST ANNUAL MEAN					821	1952
LOWEST ANNUAL MEAN					32.4	1994
HIGHEST DAILY MEAN	235	May 11	1410	May 1	5280	Dec 23 1955
LOWEST DAILY MEAN	3.4	Aug 18	5.4	Oct 3	3.4	Aug 18 1994
ANNUAL SEVEN-DAY MINIMUM	3.4	Aug 22	6.4	Oct 8	3.4	Aug 22 1994
INSTANTANEOUS PEAK FLOW			1620	May 1	7760	Dec 23 1955
INSTANTANEOUS PEAK STAGE			4.05	May 1	7.92	Dec 23 1955
ANNUAL RUNOFF (AC-FT)	23590		155200		220900	
10 PERCENT EXCEEDS	89		601		484	
50 PERCENT EXCEEDS	12		105		224	
90 PERCENT EXCEEDS	3.8		11		42	

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

10338400 DONNER LAKE NEAR TRUCKEE, CA

LOCATION.--Lat 39°19'30", long 120°16'53", in SE $^1/_4$ NW $^1/_4$ sec.14, T.17 N., R.15 E., Nevada County, Hydrologic Unit 16050102, on north shore, 2.5 mi upstream from outlet gates, and 4.9 mi west of Truckee.

DRAINAGE AREA.--14.0 mi^2.

PERIOD OF RECORD.--January 1989 to current year.

GAGE.--Water-stage recorder. Datum of gage is sea level (levels by Westpac Utilities).

REMARKS.--Lake levels regulated by a concrete dam at the outlet constructed in 1928. Usable capacity, 9,490 acre-ft between elevations 5,923.8 and 5,935.8 ft, maximum storage level. Water is used for irrigation and power development downstream. Records, including extremes, represent usable contents. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 9,740 acre-ft, June 29, 1993, elevation, 5,936.08 ft; minimum, 2,510 acre-ft, January 24, 28-31, 1991, elevation, 5,927.23 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 9,620 acre-ft, June 26, elevation, 5,935.95 ft; minimum, 2,800 acre-ft, November 4, elevation, 5,927.61 ft.

Capacity table (elevation, in feet, and contents, in acre-feet)
(Based on table provided by Westpac Utilities, dated Aug. 22, 1980)

5,923.8	0	5,932	6,310
5,926.0	1,600	5,934	7,970
5,928.0	3,120	5,936	9,670
5,930.0	4,690		

RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3750	2840	2970	2980	3920	3700	3970	6090	8640	9360	9390	8230
2	3670	2820	2960	2970	3990	3770	3960	6150	8700	9400	9400	8150
3	3610	2810	3090	2970	3990	3870	3910	6050	8770	9460	9400	8040
4	3610	2800	3160	2970	3970	3830	3930	6020	8830	9520	9400	7950
5	3550	2970	3180	3020	3950	3830	3960	5950	8850	9540	9420	7860
6	3490	3090	3200	3090	3940	3780	3990	5810	8670	9580	9420	7760
7	3440	3080	3160	3160	3890	3750	4170	5690	8440	9590	9400	7630
8	3410	3000	3150	3300	3870	3750	4220	5610	8260	9540	9430	7520
9	3370	3080	3130	3530	3830	4880	4190	5600	8250	9430	9420	7410
10	3320	3060	3110	4000	3810	5690	4150	5610	8330	9350	9400	7290
11	3280	3030	3090	4060	3750	5710	4120	5680	8520	9270	9400	7180
12	3230	3010	3120	4060	3750	5470	4160	5770	8650	9200	9400	7080
13	3200	2980	3100	4550	3810	5330	4330	5790	8740	9210	9400	6970
14	3170	2970	3120	5040	3770	5220	4330	5790	8880	9250	9390	6870
15	3100	2990	3090	5030	3720	5260	4280	5770	9110	9300	9380	6750
16	3090	2940	3090	4900	3680	5130	4220	5730	9220	9390	9360	6620
17	3080	3010	3070	4770	3650	4970	4160	5810	9270	9480	9350	6540
18	3030	3050	3070	4630	3590	5080	4090	6000	9450	9540	9340	6440
19	3030	2980	3070	4500	3580	5000	4000	6230	9530	9560	9340	6340
20	3000	2970	3040	4380	3580	5120	4030	6480	9580	9550	9330	6240
21	2980	2970	3030	4260	3580	5040	3970	6700	9500	9500	9330	6150
22	2960	2910	3030	4230	3590	5050	3930	6890	9470	9460	9310	6050
23	2950	2920	3030	4170	3610	4930	3910	7060	9470	9440	9190	5950
24	2930	2900	3030	4110	3630	4760	3930	7170	9510	9430	9070	5860
25	2910	3000	3020	4000	3650	4600	4030	7250	9570	9360	8950	5760
26	2900	2980	3020	3940	3660	4450	4120	7450	9620	9350	8850	5660
27	2850	2980	3020	3890	3690	4320	4270	7630	9590	9330	8740	5590
28	2850	2930	3010	3810	3700	4210	4420	7800	9470	9300	8620	5580
29	2830	2930	3000	3760	---	4130	4830	8010	9330	9330	8530	5580
30	2810	2920	2980	3720	---	4050	5060	8250	9270	9350	8430	5580
31	2800	---	2990	3810	---	4020	---	8470	---	9390	8320	---
MAX	3750	3090	3200	5040	3990	5710	5060	8470	9620	9590	9430	8230
MIN	2800	2800	2960	2970	3580	3700	3910	5600	8250	9200	8320	5580
a	5927.62	5927.77	5927.85	5928.89	5928.76	5929.16	5930.48	5934.61	5935.55	5935.68	5934.43	5931.11
b	-1010	+120	+70	+820	-110	+320	+1040	+3410	+800	+120	-1070	-2740

CAL YR 1994 MAX 8910 MIN 2800 b +100
WTR YR 1995 MAX 9620 MIN 2800 b +1770

a Elevation, in feet, at end of month.
b Change in contents, in acre-feet.

PYRAMID AND WINNEMUCCA LAKES BASIN

10338500 DONNER CREEK AT DONNER LAKE, NEAR TRUCKEE, CA

LOCATION.--Lat 39°19'25", long 120°14'00", in SW $^1/_4$ NW $^1/_4$ sec.17, T.17 N., R.16 E., Nevada County, Hydrologic Unit 16050102, in Donner Memorial State Park, on left bank, 10 ft downstream from bridge on Donner Memorial State Park road, 0.2 mi downstream from outlet of Donner Lake, 0.7 mi upstream from Cold Creek, and 2.5 mi west of Truckee.

DRAINAGE AREA.--14.3 mi^2.

PERIOD OF RECORD.--November 1909 to August 1910, January 1929 to October 1935, January 1936 to March 1938, July to October 1938, January 1939 to February 1943, June 1943 to December 1953, May 1955 to December 1957, October 1958 to current year. Monthly discharge only prior to October 1958, published in WSP 1314 and 1734.

REVISED RECORDS.--WDR CA-79-3: Drainage area.

GAGE.--Water-stage recorder and concrete control, completed October 3, 1989. Datum of gage is 5,924.40 ft above sea level. November 1, 1909, to August 31, 1910, nonrecording gage at different datum. January 1929 to December 1957, water-stage recorder at same site at unknown datum.

REMARKS.--Records good including estimated days. Flow completely regulated at dam at outlet of Donner Lake (station 10338400) since 1928. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32	4.7	8.7	8.9	65	54	78	e238	209	84	4.4	47
2	31	5.1	8.4	8.4	71	55	76	e321	249	84	3.4	46
3	29	4.5	10	8.6	72	65	74	281	250	84	2.7	45
4	28	4.0	12	8.3	72	65	74	226	252	85	2.8	45
5	27	6.6	12	9.2	71	64	76	223	255	86	2.8	44
6	25	11	12	9.9	70	61	80	212	250	86	3.1	50
7	24	11	12	14	68	58	91	200	242	101	3.0	58
8	22	11	12	16	65	56	102	184	190	112	2.8	57
9	21	11	12	27	63	102	102	171	142	112	2.9	56
10	19	12	12	50	61	195	97	171	142	112	2.9	55
11	18	12	12	63	57	217	93	143	142	110	3.0	55
12	16	11	12	65	57	218	94	117	144	72	2.8	55
13	14	11	12	77	58	218	109	119	145	38	2.8	54
14	13	10	12	122	60	208	113	119	147	21	2.8	54
15	11	9.6	12	143	57	208	108	119	115	4.6	3.0	52
16	11	9.6	12	138	54	203	103	119	89	4.2	2.9	52
17	11	10	12	126	51	188	97	119	90	5.5	2.8	51
18	10	10	11	115	49	186	91	125	90	16	2.7	50
19	9.7	9.6	11	104	47	188	84	135	90	29	3.1	50
20	9.6	9.0	10	95	46	190	80	145	134	52	3.1	50
21	9.6	9.0	10	86	45	191	76	154	167	52	3.0	49
22	9.6	8.6	10	80	45	185	72	162	167	43	23	47
23	9.3	8.0	10	77	47	182	70	168	166	32	56	47
24	9.0	7.5	9.7	80	48	167	70	173	166	32	56	45
25	8.6	9.8	9.6	80	50	148	76	173	167	32	54	44
26	7.9	11	9.6	73	52	131	84	165	184	32	52	43
27	7.1	11	9.4	68	52	117	94	157	218	33	51	25
28	6.8	11	9.6	63	53	104	108	161	216	18	51	1.9
29	6.5	10	9.5	58	---	95	137	165	213	4.5	50	1.1
30	5.4	9.6	9.0	55	---	87	171	168	139	2.7	49	.91
31	4.5	---	9.0	57	---	82	---	174	---	3.6	48	---
TOTAL	465.6	278.2	332.5	1985.1	1606	4288	2780	5307	5170	1583.1	552.8	1329.91
MEAN	15.0	9.27	10.7	64.0	57.4	138	92.7	171	172	51.1	17.8	44.3
MAX	32	12	12	143	72	218	171	321	255	112	56	58
MIN	4.5	4.0	8.4	8.3	45	54	70	117	89	2.7	2.7	.91
AC-FT	924	552	660	3940	3190	8510	5510	10530	10250	3140	1100	2640

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	29.5	27.7	30.3	29.8	30.8	35.6	50.7	85.4	46.4	12.6	8.21	24.2
MAX	85.7	195	214	174	197	182	144	243	244	67.2	52.7	99.1
(WY)	1973	1951	1951	1970	1986	1986	1940	1952	1983	1934	1932	1983
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1930	1930	1930	1929	1929	1929	1929	1929	1929	1937	1936	1930

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1929 - 1995	
ANNUAL TOTAL	4188.90		25678.21			
ANNUAL MEAN	11.5		70.4		35.2	
HIGHEST ANNUAL MEAN					83.3	1982
LOWEST ANNUAL MEAN					7.71	1977
HIGHEST DAILY MEAN	60	Sep 8	321	May 2	700	Nov 21 1950
LOWEST DAILY MEAN	.39	Jul 24	.91	Sep 30	.00	Jan 1 1929
ANNUAL SEVEN-DAY MINIMUM	.81	Jul 21	2.8	Aug 12	.00	Jan 1 1929
INSTANTANEOUS PEAK FLOW			341	May 2	707	Feb 19 1986
INSTANTANEOUS PEAK STAGE			4.74	May 2	4.83	Feb 19 1986
ANNUAL RUNOFF (AC-FT)	8310		50930		25480	
10 PERCENT EXCEEDS	34		173		97	
50 PERCENT EXCEEDS	6.9		53		12	
90 PERCENT EXCEEDS	1.9		6.1		.00	

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

10338700 DONNER CREEK AT HIGHWAY 89, NEAR TRUCKEE, CA

LOCATION.--Lat 39°19'16", long 120°12'25", in NE $^1/_4$ SW $^1/_4$ sec.16, T.17 N., R.16 E., Nevada County, Hydrologic Unit 16050102, on right bank, 50 ft upstream from State Highway 89 bridge, 0.5 mi upstream from mouth, and 1.4 mi southwest of Truckee.

DRAINAGE AREA.--29.1 mi^2.

PERIOD OF RECORD.--March 1993 to current year.
WATER TEMPERATURE: August 1993 to September 1994.

GAGE.--Water-stage recorder. Elevation of gage is 5,870 ft above sea level, from topographic map.

REMARKS.--Records fair including estimated periods. About half the drainage area is regulated at dam at outlet of Donner Lake (station 10338400) 2.0 mi upstream. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29	6.8	12	11	125	78	126	896	540	289	e61	48
2	29	7.2	11	11	138	85	123	727	571	272	e55	e47
3	27	5.9	18	11	124	97	124	570	579	280	e51	e46
4	27	5.5	23	11	118	91	134	484	603	258	e46	e46
5	26	18	24	12	114	88	144	430	563	266	e42	e45
6	24	22	24	13	110	83	154	373	470	261	e37	e51
7	22	18	21	21	107	78	182	329	404	e271	e33	e59
8	22	17	20	26	102	76	195	302	308	e277	e28	58
9	20	17	19	55	96	400	182	286	252	e273	27	58
10	19	18	18	148	92	694	173	293	300	e268	26	57
11	19	17	18	124	88	564	170	278	352	e262	e25	57
12	18	17	18	104	86	415	176	230	370	e219	e24	56
13	17	15	17	184	87	360	213	216	352	e181	e23	55
14	16	14	17	357	86	352	200	207	361	e159	e22	55
15	15	14	16	240	79	403	188	201	353	e139	e21	54
16	14	14	16	200	73	335	174	192	235	e133	e20	53
17	13	15	15	179	68	279	163	208	203	e130	e19	52
18	12	15	15	159	66	360	151	247	228	e136	e18	51
19	12	14	14	141	63	332	139	283	223	e145	e17	51
20	12	13	14	125	61	346	133	328	260	e163	e16	50
21	12	13	13	112	61	315	124	380	304	e158	e15	49
22	12	12	13	105	62	286	118	408	335	e145	e34	48
23	11	11	13	100	65	275	118	427	381	e129	e66	47
24	10	11	13	101	68	241	130	411	442	e125	e65	46
25	9.6	17	13	100	73	212	158	379	482	e120	e62	45
26	9.0	29	13	91	76	191	178	406	517	e116	e59	44
27	8.4	14	12	87	77	174	197	408	537	e112	e56	30
28	7.3	13	13	81	76	159	223	414	506	e93	e56	e5.9
29	6.5	13	12	77	---	145	375	450	494	e74	e54	e5.1
30	5.9	12	12	76	---	135	454	484	401	e69	e52	4.5
31	5.2	---	12	95	---	129	---	509	---	e65	e50	---
TOTAL	489.9	428.4	489	3157	2441	7778	5319	11756	11926	5588	1180	1373.5
MEAN	15.8	14.3	15.8	102	87.2	251	177	379	398	180	38.1	45.8
MAX	29	29	24	357	138	694	454	896	603	289	66	59
MIN	5.2	5.5	11	11	61	76	118	192	203	65	15	4.5
AC-FT	972	850	970	6260	4840	15430	10550	23320	23660	11080	2340	2720

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	29.6	11.3	13.1	55.6	49.4	141	146	272	211	89.2	17.5	49.0
MAX	43.3	14.3	15.8	102	87.2	251	220	379	398	180	38.1	60.2
(WY)	1994	1995	1995	1995	1995	1995	1993	1995	1995	1995	1995	1993
MIN	15.8	8.35	10.4	9.27	11.6	30.9	39.8	64.8	19.8	26.8	3.24	40.9
(WY)	1995	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1993 - 1995	
ANNUAL TOTAL	8933.0		51925.8			
ANNUAL MEAN	24.5		142		84.1	
HIGHEST ANNUAL MEAN					142	1995
LOWEST ANNUAL MEAN					25.9	1994
HIGHEST DAILY MEAN	115	May 11	896	May 1	896	May 1 1995
LOWEST DAILY MEAN	2.3	Aug 21	4.5	Sep 30	2.3	Aug 21 1994
ANNUAL SEVEN-DAY MINIMUM	2.5	Aug 19	6.1	Oct 29	2.5	Aug 19 1994
INSTANTANEOUS PEAK FLOW			1060	May 1	1060	May 1 1995
INSTANTANEOUS PEAK STAGE			8.20	May 1	8.20	May 1 1995
ANNUAL RUNOFF (AC-FT)	17720		103000		60900	
10 PERCENT EXCEEDS	53		379		301	
50 PERCENT EXCEEDS	17		78		45	
90 PERCENT EXCEEDS	4.3		13		6.6	

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

10339250 MARTIS CREEK AT STATE HIGHWAY 267, NEAR TRUCKEE, CA

LOCATION.--Lat 39°18'08", long 120°07'13", in SW $^1/_4$ SW $^1/_4$ sec.20, T.17 N., R.17 E., Placer County, Hydrologic Unit 16050102, 4.0 mi southeast of Truckee. Water-quality samples are collected 300 ft upstream from State Highway 267.

DRAINAGE AREA.--25.8 mi^2.

PERIOD OF RECORD.--Water years 1975 to September 1995 (discontinued).
CHEMICAL DATA: Water years 1975 to September 1995 (discontinued).
WATER TEMPERATURE: Water years 1975 to September 1988.
SEDIMENT DATA: Water years 1975 to September 1995 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October to November 1974, August 1975 to September 1988.

REVISED RECORDS.--WDR CA-80-3: Drainage area.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	TUR-BID-ITY (NTU)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3
OCT										
26...	0940	2.3	130	8.2	2.0	0.80	620	11.0	98	89
APR										
25...	1045	30	48	8.0	5.0	1.7	615	10.4	101	32
JUN										
26...	0925	17	74	7.8	11.0	1.9	619	9.1	102	52
AUG										
14...	0945	5.4	118	8.1	9.5	0.80	616	9.7	105	70

DATE	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS TOTAL (MG/L AS P)	PHOS-PHORUS DIS-SOLVED (MG/L AS P)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	COPPER, DIS-SOLVED (UG/L AS CU)
OCT									
26...	0	73	<0.050	<0.015	<0.20	0.020	0.010	<1	<1
APR									
25...	0	27	<0.050	<0.015	<0.20	0.030	0.010	<1	<1
JUN									
26...	0	42	<0.050	<0.015	<0.20	0.020	0.020	<1	<1
AUG									
14...	0	57	<0.050	0.020	<0.20	0.020	0.010	<1	<1

DATE	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	IRON, DIS-SOLVED (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	LEAD, DIS-SOLVED (UG/L AS PB)	LITHIUM DIS-SOLVED (UG/L AS LI)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)	ZINC, DIS-SOLVED (UG/L AS ZN)
OCT									
26...	230	180	<1	<1	<4	20	11	<10	<3
APR									
25...	120	69	<1	<1	6	10	7	<10	6
JUN									
26...	240	160	<1	<1	<4	20	16	<10	<3
AUG									
14...	220	170	<1	<1	<4	20	19	<10	7

SUSPENDED-SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	TEMPER-ATURE WATER (DEG C)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)
OCT					
26...	0940	2.3	2.0	2	0.01
APR					
25...	1045	30	5.0	4	0.32
JUN					
26...	0925	17	11.0	6	0.27
AUG					
14...	0945	5.4	9.5	1	0.01

PYRAMID AND WINNEMUCCA LAKES BASIN

10339380 MARTIS CREEK LAKE NEAR TRUCKEE, CA

LOCATION.--Lat 39°19'38", long 120°06'48", in NE $^1/_4$ NW $^1/_4$ sec.17, T.17 N., R.17 E., Nevada County, Hydrologic Unit 16050102, near intake structure at Martis Creek Dam, 2.0 mi upstream from mouth, and 3.5 mi east of Truckee.

DRAINAGE AREA.--39.6 mi^2.

PERIOD OF RECORD.--
WATER-CONTENT DATA: Water years 1972-90.
CHEMICAL DATA: Water years 1975 to September 1995 (discontinued).
SEDIMENT DATA: Water years 1975-76, 1978 to September 1995 (discontinued).

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	SPECIFIC CONDUCTANCE (US/CM)	PH WATER WHOLE FIELD (STANDARD UNITS)	TEMPERATURE WATER (DEG C)	TURBIDITY (NTU)	BAROMETRIC PRESSURE (MM OF HG)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3	CARBONATE WATER DIS IT FIELD MG/L AS CO3
OCT 26...	1235	157	8.8	10.0	3.3	620	9.5	104	98	0
APR 25...	1320	69	7.4	10.5	5.3	615	8.8	98	41	0
JUN 26...	1200	74	8.7	24.0	27	618	8.5	125	29	8
AUG 14...	1110	98	7.8	21.5	3.0	617	10.1	142	50	0

DATE	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	NITROGEN, TOTAL (MG/L AS N)	PHOSPHORUS TOTAL (MG/L AS P)	PHOSPHORUS DISSOLVED (MG/L AS P)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)
OCT 26...	80	<0.050	0.020	4.4	4.4	0.360	0.020	<1	<1
APR 25...	33	<0.050	<0.015	0.30	0.30	0.040	0.020	3	<1
JUN 26...	37	<0.050	<0.015	0.90	0.90	0.140	0.020	5	<1
AUG 14...	41	<0.050	0.290	1.2	1.2	0.070	0.030	2	<1

DATE	IRON, TOTAL RECOVERABLE (UG/L AS FE)	IRON, DISSOLVED (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DISSOLVED (UG/L AS PB)	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MANGANESE, DISSOLVED (UG/L AS MN)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ZINC, DISSOLVED (UG/L AS ZN)
OCT 26...	210	110	11	2	<4	30	6	<10	9
APR 25...	340	130	2	<1	5	20	4	<10	5
JUN 26...	--	180	15	2	<4	110	22	<10	<3
AUG 14...	440	430	35	13	<4	160	160	<10	4

SUSPENDED-SEDIMENT CONCENTRATION, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	TEMPERATURE WATER (DEG C)	SEDIMENT, SUSPENDED (MG/L)
OCT 26...	1235	10.0	3
APR 25...	1320	10.5	8
JUN 26...	1200	24.0	7
AUG 14...	1110	21.5	4

PYRAMID AND WINNEMUCCA LAKES BASIN

10339400 MARTIS CREEK NEAR TRUCKEE, CA

LOCATION.--Lat 39°19'44", long 120°07'00", in NE $^1/_4$ NW $^1/_4$ sec.17, T.17 N., R.17 E., Nevada County, Hydrologic Unit 16050102, on left bank 0.2 mi downstream from Martis Creek Lake Dam, 1.8 mi upstream from mouth, and 3.5 mi east of Truckee.

DRAINAGE AREA.--39.9 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1958 to November 1990, June 1993 to current year.

REVISED RECORDS.--WDR CA-79-3: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 5,730 ft above sea level, from topographic map. Prior to July 10, 1972, at site 1.0 mi downstream at different datum.

REMARKS.--Records good except for estimated daily discharges, which are fair. Low and medium flow may be regulated and high flow completely regulated by Martis Creek Lake (station 10339380) since October 7, 1971. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1990 TO SEPTEMBER 1991
DAILY MEAN VALUES
(NOT PREVIOUSLY PUBLISHED)

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.4	5.0	---	---	---	---	---	---	---	---	---	---
2	4.3	5.0	---	---	---	---	---	---	---	---	---	---
3	4.2	4.9	---	---	---	---	---	---	---	---	---	---
4	4.3	4.9	---	---	---	---	---	---	---	---	---	---
5	4.2	---	---	---	---	---	---	---	---	---	---	---
6	4.0	---	---	---	---	---	---	---	---	---	---	---
7	4.2	---	---	---	---	---	---	---	---	---	---	---
8	4.2	---	---	---	---	---	---	---	---	---	---	---
9	4.2	---	---	---	---	---	---	---	---	---	---	---
10	4.2	---	---	---	---	---	---	---	---	---	---	---
11	4.1	---	---	---	---	---	---	---	---	---	---	---
12	4.2	---	---	---	---	---	---	---	---	---	---	---
13	4.1	---	---	---	---	---	---	---	---	---	---	---
14	4.1	---	---	---	---	---	---	---	---	---	---	---
15	4.1	---	---	---	---	---	---	---	---	---	---	---
16	4.2	---	---	---	---	---	---	---	---	---	---	---
17	4.2	---	---	---	---	---	---	---	---	---	---	---
18	4.3	---	---	---	---	---	---	---	---	---	---	---
19	4.9	---	---	---	---	---	---	---	---	---	---	---
20	4.9	---	---	---	---	---	---	---	---	---	---	---
21	4.7	---	---	---	---	---	---	---	---	---	---	---
22	4.6	---	---	---	---	---	---	---	---	---	---	---
23	4.6	---	---	---	---	---	---	---	---	---	---	---
24	4.6	---	---	---	---	---	---	---	---	---	---	---
25	4.7	---	---	---	---	---	---	---	---	---	---	---
26	4.5	---	---	---	---	---	---	---	---	---	---	---
27	4.4	---	---	---	---	---	---	---	---	---	---	---
28	4.5	---	---	---	---	---	---	---	---	---	---	---
29	4.4	---	---	---	---	---	---	---	---	---	---	---
30	4.5	---	---	---	---	---	---	---	---	---	---	---
31	4.7	---	---	---	---	---	---	---	---	---	---	---
TOTAL	135.5	---	---	---	---	---	---	---	---	---	---	---
MEAN	4.37	---	---	---	---	---	---	---	---	---	---	---
MAX	4.9	---	---	---	---	---	---	---	---	---	---	---
MIN	4.0	---	---	---	---	---	---	---	---	---	---	---
AC-FT	269	---	---	---	---	---	---	---	---	---	---	---

PYRAMID AND WINNEMUCCA LAKES BASIN

10339400 MARTIS CREEK NEAR TRUCKEE, CA--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.4	3.5	7.0	e5.3	20	9.2	25	32	e300	27	21	137
2	3.3	4.0	6.9	e5.3	19	9.7	25	32	e300	27	21	110
3	1.9	4.1	7.6	e5.3	19	10	26	32	301	27	21	109
4	2.4	3.8	13	5.3	19	10	26	33	300	27	21	106
5	7.2	6.6	14	5.8	20	11	26	33	300	27	21	104
6	5.3	15	11	5.8	13	11	27	33	263	27	21	102
7	4.4	11	8.7	9.4	7.6	11	27	33	138	27	21	99
8	3.8	7.9	7.9	12	7.6	11	27	33	133	27	21	67
9	3.4	6.6	7.9	50	7.6	14	27	34	85	28	20	27
10	3.4	6.3	7.9	249	6.5	15	27	34	28	29	20	22
11	3.2	6.0	7.9	167	4.8	15	27	34	28	78	19	20
12	3.2	6.1	7.5	81	4.9	16	27	33	28	165	19	20
13	3.2	5.8	6.9	52	5.2	16	28	33	29	205	18	19
14	3.2	5.3	6.9	7.1	5.6	17	28	33	29	145	18	19
15	3.1	5.3	6.9	5.0	5.8	17	29	33	29	26	18	19
16	3.0	5.5	6.8	4.3	6.2	18	29	132	30	26	17	18
17	3.1	5.8	6.4	4.0	6.6	18	29	307	30	108	17	18
18	3.2	6.0	6.1	3.9	7.1	18	30	274	31	25	17	18
19	3.2	6.0	e5.8	3.9	7.5	19	30	240	152	25	16	17
20	3.2	5.8	e5.8	4.0	8.0	20	29	e240	251	25	16	16
21	3.2	5.5	e5.8	4.3	8.1	21	28	e271	249	25	16	16
22	3.1	5.5	e5.8	4.5	7.6	21	28	e298	247	24	147	16
23	3.1	5.5	e5.6	11	7.6	21	28	e358	246	24	222	15
24	3.1	5.5	e5.6	18	7.8	22	29	e397	245	152	215	14
25	3.2	6.6	e5.6	18	8.1	22	29	e392	244	232	211	14
26	3.3	7.2	e5.4	19	8.2	22	29	e392	109	96	208	14
27	3.5	7.1	e5.4	19	8.5	23	29	e392	26	22	204	13
28	3.5	7.0	e5.4	19	8.8	23	30	e397	26	22	198	12
29	3.3	7.1	e5.3	19	---	23	30	e395	26	21	191	12
30	3.3	7.0	e5.3	20	---	24	30	e336	26	21	185	12
31	3.3	---	e5.3	20	---	24	---	e300	---	21	177	---
TOTAL	106.0	190.4	219.4	857.2	265.7	531.9	839	5616	4229	1761	2357	1205
MEAN	3.42	6.35	7.08	27.7	9.49	17.2	28.0	181	141	56.8	76.0	40.2
MAX	7.2	15	14	249	20	24	30	397	301	232	222	137
MIN	1.9	3.5	5.3	3.9	4.8	9.2	25	32	26	21	16	12
AC-FT	210	378	435	1700	527	1060	1660	11140	8390	3490	4680	2390

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1959 - 1971, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	8.05	12.0	18.5	30.6	28.0	36.5	60.2	59.5	22.6	6.40	4.90	5.51
MAX	16.4	18.0	86.5	116	83.4	78.8	148	202	96.6	18.0	10.8	10.1
(WY)	1963	1971	1965	1970	1963	1967	1969	1967	1967	1967	1967	1967
MIN	3.73	4.81	5.38	4.28	9.60	11.1	15.4	9.80	3.21	1.79	1.81	2.37
(WY)	1962	1962	1962	1962	1964	1961	1961	1961	1960	1961	1964	1960

SUMMARY STATISTICS — WATER YEARS 1959 - 1971

ANNUAL MEAN	24.4	
HIGHEST ANNUAL MEAN	47.2	1969
LOWEST ANNUAL MEAN	6.89	1961
HIGHEST DAILY MEAN	903	Jan 31 1963
LOWEST DAILY MEAN	1.3	Jul 30 1961
ANNUAL SEVEN-DAY MINIMUM	1.4	Jul 29 1961
INSTANTANEOUS PEAK FLOW	1880	Feb 1 1963
INSTANTANEOUS PEAK STAGE	6.16	Feb 1 1963
ANNUAL RUNOFF (AC-FT)	17650	
10 PERCENT EXCEEDS	57	
50 PERCENT EXCEEDS	11	
90 PERCENT EXCEEDS	2.7	

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	8.80	17.6	20.9	23.6	33.5	44.7	47.3	54.9	36.8	14.6	10.4	9.07
MAX	20.8	80.0	95.5	77.7	149	181	139	219	169	75.0	76.0	40.2
(WY)	1983	1984	1982	1980	1986	1986	1982	1983	1983	1986	1995	1995
MIN	3.09	1.57	1.25	6.42	8.10	8.35	8.52	7.40	3.96	2.67	2.01	2.40
(WY)	1972	1978	1978	1978	1994	1974	1980	1994	1994	1994	1994	1994

PYRAMID AND WINNEMUCCA LAKES BASIN

10339400 MARTIS CREEK NEAR TRUCKEE, CA--Continued

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1972 - 1995	
ANNUAL TOTAL	2463.3		18177.6			
ANNUAL MEAN	6.75		49.8		26.9	
HIGHEST ANNUAL MEAN					74.5	1983
LOWEST ANNUAL MEAN					6.90	1977
HIGHEST DAILY MEAN	30	Mar 6	397	May 24	626	Mar 1 1986
LOWEST DAILY MEAN	1.9	Aug 9	1.9	Oct 3	.20	Nov 9 1977
ANNUAL SEVEN-DAY MINIMUM	1.9	Aug 13	3.1	Oct 11	.21	Nov 9 1977
INSTANTANEOUS PEAK FLOW			590	Jun 6	663	Feb 28 1986
INSTANTANEOUS PEAK STAGE			5.41	Jun 6	6.01	Apr 2 1974
ANNUAL RUNOFF (AC-FT)	4890		36060		19470	
10 PERCENT EXCEEDS	13		194		63	
50 PERCENT EXCEEDS	5.6		19		11	
90 PERCENT EXCEEDS	2.1		4.2		4.2	

10339400 MARTIS CREEK NEAR TRUCKEE, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--
CHEMICAL DATA: Water years 1975 to September 1995 (discontinued).
WATER TEMPERATURE: Water years 1975 to current year.
SEDIMENT DATA: Water years 1975 to September 1995 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1974 to current year.

INSTRUMENTATION.--Digital water-temperature recorder since October 1974.

REMARKS.--Water temperature is affected by regulation from Martis Creek Lake Dam (station 10339380). Unpublished chemical-quality, water-temperature, and sediment data prior to October 1974, available at the U.S. Geological Survey office in Carson City, NV.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum recorded, 25.5°C, July 11, 12, 1993; minimum recorded, 0.0°C, Feb. 16, 17, 1982, Jan. 11-13, 16, 1995.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum recorded, 19.0°C, Aug. 24, 27; minimum recorded, 0.0°C, Jan. 11-13, 16.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DISCHARGE, INST. CUBIC FEET PER SECOND	SPECIFIC CONDUCTANCE (US/CM)	PH WATER WHOLE FIELD (STANDARD UNITS)	TEMPERATURE WATER (DEG C)	TURBIDITY (NTU)	BAROMETRIC PRESSURE (MM OF HG)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3
OCT										
26...	1430	4.0	154	9.1	10.5	1.0	620	11.6	128	99
APR										
25...	1515	28	79	7.5	7.5	2.0	617	9.2	95	45
JUN										
26...	1330	26	84	7.2	11.5	1.6	620	7.4	84	49
AUG										
14...	1430	18	97	7.5	16.0	0.40	620	7.1	89	49

DATE	CARBONATE WATER DIS IT FIELD MG/L AS CO3	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	NITROGEN, TOTAL (MG/L AS N)	PHOSPHORUS TOTAL (MG/L AS P)	PHOSPHORUS DISSOLVED (MG/L AS P)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	COPPER, DISSOLVED (UG/L AS CU)
OCT										
26...	0	81	<0.050	<0.015	0.50	0.50	0.030	0.020	<1	<1
APR										
25...	0	37	0.170	<0.015	0.20	0.37	0.030	0.020	<1	<1
JUN										
26...	0	41	0.090	0.020	<0.20	--	0.020	0.020	<1	<1
AUG										
14...	0	41	0.090	0.020	<0.20	--	0.030	0.030	<1	<1

DATE	IRON, TOTAL RECOVERABLE (UG/L AS FE)	IRON, DISSOLVED (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	LEAD, DISSOLVED (UG/L AS PB)	LITHIUM DISSOLVED (UG/L AS LI)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MANGANESE, DISSOLVED (UG/L AS MN)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ZINC, DISSOLVED (UG/L AS ZN)
OCT									
26...	160	110	<1	<1	<4	40	17	<10	8
APR									
25...	90	34	<1	<1	4	<10	5	<10	4
JUN									
26...	60	17	<1	<1	<4	20	6	<10	<3
AUG									
14...	<10	11	<1	<1	<4	<10	7	<10	<3

SUSPENDED-SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DISCHARGE, INST. CUBIC FEET PER SECOND	TEMPERATURE WATER (DEG C)	SEDIMENT, SUSPENDED (MG/L)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY)
OCT					
26...	1430	4.0	10.5	6	0.06
APR					
25...	1515	28	7.5	2	0.15
JUN					
26...	1330	26	11.5	3	0.21
AUG					
14...	1430	18	16.0	1	0.05

10339400 MARTIS CREEK NEAR TRUCKEE, CA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	15.5	11.5	9.0	6.5	5.0	3.0	4.0	3.0	3.0	2.0	7.5	6.5
2	15.5	11.5	8.0	6.0	5.0	3.5	3.5	3.0	3.5	2.5	7.5	6.5
3	16.0	9.0	7.5	5.5	4.5	3.5	3.5	3.0	3.5	2.5	7.0	6.0
4	11.5	7.5	7.0	5.5	4.0	3.5	3.5	3.0	3.5	2.5	8.0	6.0
5	13.0	11.0	6.5	6.0	4.0	3.0	3.5	3.0	3.5	2.5	7.5	6.0
6	13.5	11.0	7.0	6.5	4.0	3.0	4.0	3.0	6.5	3.0	8.0	6.5
7	13.5	10.5	7.0	6.0	4.0	2.5	3.5	2.5	7.0	5.0	8.0	6.0
8	14.0	10.0	7.5	6.0	4.0	2.5	3.0	3.0	7.0	5.0	7.5	6.0
9	13.5	10.0	6.5	4.5	4.0	2.5	3.0	1.5	7.5	5.5	6.5	5.5
10	13.0	10.0	6.0	4.5	4.5	2.5	1.5	.5	8.5	5.5	6.0	5.0
11	13.5	10.0	6.0	4.5	4.5	3.0	.5	.0	10.5	7.5	7.0	5.5
12	12.0	10.0	6.0	4.0	4.5	3.0	.5	.0	10.0	7.5	7.0	6.0
13	12.5	9.5	5.0	3.5	4.0	2.5	1.5	.0	8.0	7.0	7.0	6.0
14	12.0	9.0	5.0	3.5	4.5	2.5	1.5	.5	9.5	7.0	7.0	5.5
15	11.0	8.0	4.0	3.0	4.0	2.5	2.0	.5	9.5	7.0	7.0	5.5
16	10.5	8.0	4.5	3.0	4.5	3.0	1.5	.0	9.5	7.5	7.0	5.5
17	11.0	7.5	3.5	3.0	4.5	3.5	2.0	.5	10.0	7.5	6.5	5.0
18	11.0	7.5	4.0	2.5	4.5	3.0	2.5	.5	9.5	7.5	6.0	5.0
19	10.5	7.5	4.0	2.0	4.0	3.0	2.5	.5	9.5	7.0	6.0	5.0
20	10.5	7.5	4.5	3.0	4.0	3.0	2.0	1.0	9.5	7.0	5.5	4.5
21	10.5	7.5	4.5	3.0	4.0	3.0	3.0	1.5	9.0	7.0	6.5	5.0
22	10.5	7.0	4.5	2.5	4.0	3.0	3.0	2.0	9.0	7.0	5.0	4.5
23	10.0	7.0	5.0	2.5	4.0	3.0	3.5	1.0	9.0	6.5	6.0	4.5
24	10.0	7.5	5.0	3.0	4.0	3.0	1.5	1.0	8.5	6.5	6.0	5.0
25	10.0	7.5	3.5	2.5	4.0	3.0	2.0	1.0	8.5	6.5	6.5	5.0
26	10.0	7.5	4.5	2.5	4.5	3.0	2.0	1.0	8.5	6.5	6.5	5.0
27	10.0	7.5	4.5	2.5	4.0	3.0	2.0	1.5	8.0	6.5	6.5	5.0
28	10.0	7.5	4.5	3.0	4.0	3.0	2.0	1.5	8.0	6.5	6.0	5.0
29	9.5	7.0	4.5	2.5	4.0	3.0	2.5	1.5	---	---	6.0	5.0
30	9.0	6.5	4.5	3.0	4.0	2.5	2.5	2.0	---	---	6.0	4.5
31	9.5	6.5	---	---	4.0	2.5	3.0	2.0	---	---	6.5	4.5
MONTH	16.0	6.5	9.0	2.0	5.0	2.5	4.0	.0	10.5	2.0	8.0	4.5
DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	6.0	5.0	7.0	6.5	10.5	9.5	12.5	11.0	15.5	13.5	18.5	17.0
2	6.5	5.0	8.0	6.5	11.0	10.0	13.0	11.0	15.5	14.0	18.5	17.0
3	6.5	4.5	8.0	6.5	11.0	10.5	13.0	11.5	15.5	14.0	18.5	17.0
4	6.5	5.0	8.0	6.5	11.5	10.5	13.0	11.5	15.5	14.0	18.0	17.0
5	6.5	5.0	7.5	7.0	13.0	10.5	13.0	11.5	15.5	14.0	17.5	16.5
6	6.0	5.0	7.5	7.0	12.0	11.0	13.0	11.5	15.5	14.0	18.5	16.5
7	6.5	5.0	8.0	7.0	12.0	11.0	13.0	11.5	15.5	14.0	18.0	16.0
8	6.0	5.0	8.0	7.0	12.0	11.0	13.0	12.0	15.5	14.0	17.0	15.5
9	6.5	5.0	7.5	7.0	11.5	9.0	13.5	12.0	16.0	14.0	16.0	14.5
10	6.5	5.0	8.5	7.0	11.0	9.0	13.5	12.0	15.5	14.5	16.0	14.0
11	6.5	5.5	8.0	7.0	11.0	9.5	15.5	12.0	16.0	14.0	15.5	14.0
12	7.0	5.5	8.0	7.0	11.0	9.5	16.5	14.0	16.0	14.5	15.5	14.0
13	6.5	5.0	7.5	7.0	11.0	9.5	15.5	15.0	16.0	14.5	15.5	14.0
14	7.0	5.5	8.0	7.0	11.0	10.0	16.0	12.5	16.0	14.5	15.5	14.0
15	6.5	5.5	8.0	7.0	10.5	10.0	14.0	12.5	16.0	14.5	15.5	14.0
16	7.0	5.5	8.5	7.0	11.0	9.5	14.0	12.5	16.0	14.5	16.0	14.0
17	6.5	5.5	8.0	7.5	11.0	10.5	16.0	13.0	16.0	14.5	15.5	14.0
18	6.5	6.0	8.0	7.5	11.5	10.5	14.0	13.0	16.0	14.5	15.5	13.5
19	7.0	6.0	8.5	7.5	13.5	10.5	14.5	13.0	16.0	14.5	15.5	13.5
20	7.0	5.5	8.5	7.5	13.0	12.5	14.5	13.0	16.5	15.0	15.5	13.5
21	7.5	6.0	8.5	8.0	13.0	12.5	14.5	13.0	16.5	15.0	15.0	13.5
22	7.5	6.0	8.5	8.0	13.0	12.5	14.5	13.0	17.0	15.0	15.0	13.5
23	7.5	6.0	8.5	8.0	13.0	12.5	14.5	13.0	18.0	16.5	15.0	13.5
24	7.5	6.0	9.0	8.5	13.0	12.5	16.0	13.0	19.0	17.0	15.0	13.5
25	7.5	6.0	9.5	8.5	13.0	12.5	16.5	15.5	18.5	17.5	15.0	13.5
26	7.5	6.0	9.0	9.0	13.0	11.0	16.5	13.5	18.5	17.5	15.0	13.5
27	7.0	6.0	9.5	9.0	12.5	11.0	15.0	13.5	18.0	17.5	15.0	13.0
28	7.5	6.5	9.5	9.0	12.5	11.0	15.0	13.5	18.5	17.5	14.5	13.0
29	7.0	6.5	10.0	9.5	12.5	11.0	15.0	13.5	18.5	17.5	14.0	12.5
30	7.5	6.5	10.0	9.5	12.5	11.0	15.0	13.5	18.0	17.0	13.5	12.0
31	---	---	10.0	9.5	---	---	15.5	13.5	18.5	17.0	---	---
MONTH	7.5	4.5	10.0	6.5	13.5	9.0	16.5	11.0	19.0	13.5	18.5	12.0
YEAR	19.0	.0										

PYRAMID AND WINNEMUCCA LAKES BASIN

10339419 TRUCKEE RIVER ABOVE PROSSER CREEK NEAR TRUCKEE, CA

LOCATION.--Lat 39°22'07", long 120°06'50", in SE $^1/_4$ NW $^1/_4$ sec.32, T.18 N., R.17 E., Nevada County, Hydrologic Unit 16050102, on right bank, 0.2 mi upstream from Prosser Creek, and 4.5 mi northeast of Truckee.

DRAINAGE AREA.--644 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1993 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,560 ft above sea level, from topographic map.

REMARKS.--Records fair. Flow regulated by Lake Tahoe, Donner Lake, and Martis Creek Reservoir. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52	26	49	47	336	287	395	2480	1820	881	273	254
2	50	31	57	44	364	299	404	2040	1750	834	270	227
3	47	29	73	44	327	360	415	1430	1740	847	263	220
4	47	28	98	44	310	322	444	1220	1800	815	251	216
5	56	43	102	49	302	308	477	1100	1700	805	246	211
6	48	143	88	49	294	282	536	975	1330	802	237	236
7	44	90	69	79	273	267	622	895	1010	789	227	250
8	42	62	66	97	270	262	650	882	884	768	216	226
9	40	52	63	201	252	1350	567	874	807	747	195	185
10	37	52	62	701	245	1910	527	879	862	728	183	178
11	35	51	62	492	234	1430	543	912	984	708	179	174
12	34	47	66	352	232	962	581	832	1020	710	172	170
13	31	42	55	521	228	803	713	774	989	657	166	174
14	31	40	57	963	223	813	630	740	999	609	161	175
15	30	41	53	565	209	915	581	720	1060	524	153	172
16	28	42	55	415	197	823	542	751	852	537	153	169
17	27	44	53	346	188	714	505	966	743	608	153	167
18	e27	41	50	296	185	833	482	1080	788	538	147	165
19	e27	55	40	265	185	834	460	1180	877	502	140	163
20	e27	47	48	246	192	850	452	1310	943	493	138	162
21	27	42	48	222	207	780	441	1440	961	472	139	161
22	29	40	48	212	224	678	432	1530	1020	442	226	160
23	28	39	47	211	241	613	449	1630	1130	405	342	157
24	28	43	48	211	258	560	490	1660	1250	461	339	155
25	28	44	46	211	275	501	581	1540	1350	508	327	153
26	28	53	45	194	284	460	644	1610	1290	405	322	149
27	28	51	47	191	285	430	705	1680	1200	332	316	140
28	28	44	47	185	283	409	787	1660	1120	338	309	116
29	27	47	46	179	---	391	1110	1700	1050	342	301	115
30	27	43	42	182	---	382	1260	1740	990	297	299	115
31	26	---	42	230	---	381	---	1790	---	282	288	---
TOTAL	1064	1452	1780	8044	7103	20209	17425	40020	34319	18186	7131	5315
MEAN	34.3	48.4	57.4	259	254	652	581	1291	1144	587	230	177
MAX	56	143	102	963	364	1910	1260	2480	1820	881	342	254
MIN	26	26	42	44	185	262	395	720	743	282	138	115
AC-FT	2110	2880	3530	15960	14090	40080	34560	79380	68070	36070	14140	10540

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	62.7	47.5	54.1	156	155	394	381	757	608	314	121	116
MAX	91.1	48.4	57.4	259	254	652	581	1291	1144	587	230	177
(WY)	1994	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995
MIN	34.3	46.6	50.7	52.5	55.9	137	180	224	72.6	41.2	12.1	54.1
(WY)	1995	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1994 - 1995	
ANNUAL TOTAL	29518		162048			
ANNUAL MEAN	80.9		444		264	
HIGHEST ANNUAL MEAN					444	1995
LOWEST ANNUAL MEAN					85.0	1994
HIGHEST DAILY MEAN	392	May 12	2480	May 1	2480	May 1 1995
LOWEST DAILY MEAN	11	Jul 28	26	Oct 31	11	Jul 28 1994
ANNUAL SEVEN-DAY MINIMUM	12	Aug 9	27	Oct 26	12	Aug 9 1994
INSTANTANEOUS PEAK FLOW			3340	May 1	3340	May 1 1995
INSTANTANEOUS PEAK STAGE			8.96	May 1	8.96	May 1 1995
ANNUAL RUNOFF (AC-FT)	58550		321400		191600	
10 PERCENT EXCEEDS	171		1070		805	
50 PERCENT EXCEEDS	54		270		110	
90 PERCENT EXCEEDS	13		42		29	

e Estimated

10339419 TRUCKEE RIVER ABOVE PROSSER CREEK NEAR TRUCKEE, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--
SPECIFIC CONDUCTANCE: October 1994 to September 1995.
WATER TEMPERATURE: March 1993 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1994 to September 1995.
WATER TEMPERATURE: March 1993 to current year.

INSTRUMENTATION.--Water-temperature recorder since March 1993. Specific conductance recorder since October 1994.

REMARKS.--Water temperature and specific conductance are affected by regulation from Lake Tahoe and Donner Lake. Interruptions in record due to equipment malfunction.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 333 microsiemens, November 1, 1994; minimum recorded, 47 microsiemens, June 26, 27, 1995.
WATER TEMPERATURE: Maximum recorded, 25.0°C, July 13, 15, 20, 1994; minimum recorded, 0.0°C, many days most years.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum recorded, 333 microsiemens, November 1; minimum recorded 47 microsiemens, June 26, 27.
WATER TEMPERATURE: Maximum recorded, 20.5°C, several days in August and September; minimum recorded, 0.0°C, many days.

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	333	309	260	246	253	247	135	118	127	126
2	---	---	321	277	249	241	260	253	119	114	128	125
3	---	---	308	294	249	219	262	254	124	118	126	117
4	---	---	314	304	256	207	277	249	126	124	133	125
5	---	---	328	209	239	216	261	249	127	124	140	130
6	---	---	216	157	225	212	261	259	127	124	137	134
7	---	---	208	157	235	217	261	253	130	127	140	135
8	---	---	234	208	252	221	259	228	134	129	139	137
9	---	---	237	232	250	224	228	160	142	134	137	57
10	---	---	236	228	249	227	160	111	139	136	72	63
11	---	---	245	232	245	228	126	114	141	137	90	66
12	---	---	248	241	233	225	144	126	140	137	104	89
13	---	---	280	246	233	224	139	94	140	134	110	104
14	---	---	287	250	249	223	96	83	142	134	116	106
15	---	---	273	245	239	227	115	96	150	137	108	100
16	---	---	268	241	246	232	126	115	148	142	105	98
17	---	---	249	241	245	239	131	126	152	147	109	100
18	---	---	255	241	244	236	135	131	152	149	109	93
19	306	288	288	233	263	236	139	135	152	149	99	91
20	310	291	257	236	257	236	141	138	151	146	104	90
21	312	284	260	248	250	237	144	141	148	142	97	91
22	304	285	292	251	264	235	145	142	142	137	95	94
23	306	288	298	244	265	235	149	143	138	132	103	94
24	310	291	281	246	245	236	150	144	133	129	108	101
25	313	294	273	250	247	242	149	142	129	126	109	103
26	316	296	275	236	249	246	147	143	126	124	112	105
27	319	298	253	230	250	240	148	143	126	124	116	111
28	322	303	250	233	247	236	150	148	128	125	121	115
29	325	305	267	241	252	241	152	148	---	---	123	117
30	327	308	256	244	277	243	153	149	---	---	126	120
31	326	313	---	---	280	244	152	135	---	---	124	120
MONTH	---	---	333	157	280	207	277	83	152	114	140	57

10339419 TRUCKEE RIVER ABOVE PROSSER CREEK NEAR TRUCKEE, CA--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	123	121	74	53	63	57	60	48	---	---	125	120
2	122	119	71	59	65	59	61	51	---	---	127	124
3	123	119	78	71	64	59	60	49	---	---	128	124
4	123	117	80	76	63	55	61	49	---	---	129	125
5	121	107	81	78	64	55	60	50	---	---	129	125
6	108	104	86	81	69	64	60	48	---	---	129	123
7	104	94	88	86	73	69	61	48	---	---	124	121
8	105	93	88	85	76	72	61	51	---	---	127	123
9	118	100	86	83	76	70	63	52	---	---	129	125
10	109	105	86	81	71	60	64	52	106	99	130	127
11	108	104	82	79	66	55	68	55	108	100	131	128
12	104	101	83	79	64	54	73	61	112	106	133	129
13	108	93	89	83	64	55	76	68	114	108	132	128
14	109	97	90	87	64	57	78	68	117	111	131	127
15	104	102	91	88	61	57	70	62	121	114	132	127
16	110	104	93	84	69	60	69	58	121	114	131	128
17	109	107	84	79	71	69	74	56	120	115	131	127
18	111	108	79	74	70	62	67	58	122	118	132	128
19	113	111	77	70	78	62	70	61	127	122	138	129
20	120	110	73	68	79	68	72	64	129	125	132	129
21	117	114	71	66	81	66	---	---	131	125	132	129
22	116	86	70	65	77	63	---	---	129	111	133	129
23	114	111	70	66	71	60	---	---	112	110	132	129
24	111	103	70	65	69	53	---	---	113	111	133	130
25	103	94	72	68	60	51	---	---	114	112	133	125
26	95	91	70	64	56	47	---	---	114	112	136	128
27	96	87	68	63	59	47	---	---	115	113	144	128
28	89	86	69	63	60	49	---	---	116	114	151	140
29	86	68	68	62	61	52	---	---	119	115	151	142
30	76	66	65	59	61	48	---	---	121	118	153	142
31	---	---	64	57	---	---	---	---	122	119	---	---
MONTH	123	66	93	53	81	47	---	---	---	---	153	120

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	15.0	11.0	7.5	5.5	3.5	.0	3.0	.0	5.5	3.0	7.0	4.5
2	15.0	11.0	8.5	4.5	5.0	1.0	2.5	.5	4.5	2.0	6.0	4.5
3	14.0	10.0	6.5	2.0	4.0	2.5	3.0	.5	4.5	1.5	4.5	1.5
4	12.0	10.0	5.5	1.5	3.5	2.0	1.5	.0	5.0	2.0	5.5	.5
5	12.0	9.0	5.5	4.0	4.0	2.0	2.0	.5	5.5	2.0	6.0	3.5
6	13.0	9.0	6.0	5.0	4.0	1.5	3.0	.5	4.5	2.0	6.5	2.0
7	13.0	8.0	7.0	5.5	2.5	.0	3.0	1.0	6.0	2.5	6.0	2.0
8	13.0	8.5	8.5	4.5	.5	.0	2.5	1.0	5.5	3.0	7.0	3.5
9	12.5	8.5	6.0	3.5	.5	.0	3.0	2.0	6.5	3.0	6.0	1.5
10	12.5	9.5	6.0	2.0	.5	.0	2.0	.0	5.5	2.0	2.5	1.0
11	12.5	9.0	7.0	3.0	2.0	.0	2.5	.0	5.5	1.5	4.5	1.0
12	11.5	9.5	5.5	2.0	2.5	.5	3.0	1.0	5.5	2.0	5.5	2.5
13	11.0	7.5	4.5	.0	2.0	.0	2.5	.5	4.0	.0	5.5	3.5
14	10.0	7.5	4.5	.0	2.0	.0	1.5	.5	3.5	.0	6.0	3.5
15	10.0	7.5	2.5	.5	2.5	.0	2.5	.5	4.0	.0	7.0	3.5
16	9.0	5.5	3.0	.0	4.0	.5	2.5	.5	4.5	.0	7.5	3.5
17	9.5	5.5	1.5	.0	5.5	2.5	3.0	1.5	6.0	1.0	7.0	3.0
18	12.0	6.5	2.0	.0	5.0	2.0	4.0	2.0	7.0	3.0	5.5	3.5
19	12.0	5.0	.5	.0	3.0	.0	3.5	.5	7.0	2.5	6.0	2.5
20	11.5	5.5	3.5	.0	3.5	.0	2.5	.5	7.0	2.5	5.0	1.0
21	11.5	5.0	4.5	.0	4.0	.5	4.0	2.0	7.5	3.0	3.5	1.5
22	12.0	5.0	3.0	.0	3.5	.0	3.0	1.5	7.0	2.5	1.5	.0
23	11.5	5.0	3.5	.0	2.5	.0	4.5	1.5	7.0	2.5	3.5	.0
24	12.0	6.0	4.0	.0	3.5	.5	4.5	2.5	7.5	3.0	5.0	.5
25	11.5	5.5	2.0	.0	4.0	1.5	4.5	2.5	7.0	3.0	5.5	1.0
26	11.0	6.0	.5	.0	5.0	2.0	4.5	2.0	6.5	3.0	6.0	1.0
27	11.5	6.5	2.0	.0	4.0	2.0	3.5	1.5	6.5	3.5	6.5	1.5
28	12.0	6.0	2.5	.0	4.5	2.5	4.5	3.0	6.5	4.0	7.0	2.0
29	10.5	5.0	1.5	.0	4.5	1.5	6.0	3.0	---	---	7.5	2.0
30	9.0	3.5	3.5	.0	3.5	.0	6.5	3.5	---	---	8.0	2.0
31	10.0	3.5	---	---	1.5	.0	7.0	4.0	---	---	8.0	3.0
MONTH	15.0	3.5	8.5	.0	5.5	.0	7.0	.0	7.5	.0	8.0	.0

PYRAMID AND WINNEMUCCA LAKES BASIN

10339419 TRUCKEE RIVER ABOVE PROSSER CREEK NEAR TRUCKEE, CA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	8.5	4.5	5.5	3.5	9.5	6.5	14.0	7.0	---	---	20.5	14.5
2	9.0	4.0	8.0	3.5	11.5	6.5	14.5	7.0	---	---	20.0	14.5
3	9.0	3.5	8.0	4.0	11.5	6.5	14.5	7.0	---	---	20.5	14.5
4	9.0	4.0	8.0	4.5	12.0	7.0	15.0	7.0	---	---	19.0	14.0
5	9.5	4.0	7.0	4.5	10.0	6.5	15.5	8.0	---	---	19.0	13.0
6	8.0	4.5	6.5	4.5	9.0	6.5	15.0	7.5	---	---	18.5	13.0
7	8.0	4.0	8.5	4.5	8.0	6.0	14.5	7.5	---	---	18.5	13.0
8	6.0	3.0	9.5	5.0	10.5	6.0	12.5	8.0	---	---	19.0	13.0
9	7.0	1.5	8.0	5.0	12.5	6.0	15.0	8.0	---	---	19.0	12.5
10	9.0	2.5	9.5	5.0	13.0	6.5	14.5	8.0	18.5	13.0	19.0	12.5
11	10.0	4.0	8.0	5.5	12.5	6.0	15.0	8.0	18.5	11.5	20.0	13.0
12	8.0	4.5	6.5	4.0	12.5	5.5	14.5	9.0	19.0	12.0	20.5	13.5
13	6.5	3.0	6.5	4.0	12.0	5.5	15.5	8.5	18.5	12.0	20.0	13.0
14	7.0	2.0	7.5	4.5	9.5	5.5	16.5	10.0	20.5	12.0	19.0	13.5
15	5.5	3.0	8.0	4.5	7.5	5.5	16.5	8.5	20.0	12.5	19.5	13.0
16	6.0	3.0	9.5	5.0	9.0	4.0	16.5	8.5	18.0	13.0	19.0	13.5
17	6.0	3.0	10.5	6.5	10.5	6.5	15.0	9.5	18.0	12.5	18.5	12.0
18	5.5	3.5	11.5	6.0	11.5	6.5	15.0	9.5	18.5	10.5	19.0	12.0
19	9.0	3.0	11.5	5.5	12.0	5.0	15.5	9.5	19.5	11.0	19.0	12.5
20	7.0	3.0	11.0	5.5	11.5	6.5	17.5	10.0	20.5	13.0	19.0	13.0
21	9.0	2.5	10.0	5.5	12.5	7.0	18.0	10.0	20.5	15.5	18.0	13.0
22	11.0	3.5	8.0	6.0	13.5	8.0	---	---	18.5	14.0	17.5	12.5
23	11.5	4.0	10.0	5.5	14.0	8.0	---	---	20.5	15.5	18.0	12.0
24	11.5	5.0	8.5	6.0	14.0	8.0	---	---	20.5	16.0	17.0	12.0
25	11.0	4.5	10.0	6.0	13.0	8.0	---	---	20.0	15.5	17.5	12.5
26	10.0	4.0	11.0	6.0	12.5	8.0	---	---	20.0	14.5	16.5	11.5
27	7.0	4.5	9.5	6.0	14.0	7.0	---	---	19.0	14.5	16.0	10.5
28	7.0	4.5	11.0	6.0	14.0	7.5	---	---	19.0	14.0	15.0	9.5
29	5.5	4.0	11.5	6.0	13.0	8.0	---	---	19.0	14.0	14.5	8.5
30	7.5	3.5	11.5	6.5	13.5	8.0	---	---	19.5	14.0	14.5	8.0
31	---	---	11.5	6.0	---	---	---	---	19.5	14.0	---	---
MONTH	11.5	1.5	11.5	3.5	14.0	4.0	---	---	---	---	20.5	8.0

PYRAMID AND WINNEMUCCA LAKES BASIN

10340300 PROSSER CREEK RESERVOIR NEAR TRUCKEE, CA

LOCATION.--Lat 39°22'46", long 120°08'12", in NW $^1/_4$ SW $^1/_4$ sec.30, T.18 N., R.17 E., Nevada County, Hydrologic Unit 16050102, in control house on Prosser Creek Dam on Prosser Creek, 1.4 mi upstream from mouth, and 4.2 mi northeast of Truckee.

DRAINAGE AREA.--50.3 mi^2.

PERIOD OF RECORD.--January 1963 to current year. January 1963 to September 1987 (monthend elevations and contents only). Prior to October 1976, published as "near Boca."

REVISED RECORDS.--WDR CA-76-3: 1975. WDR CA-79-3: Drainage area.

GAGE.--Nonrecording gage read five times weekly. Datum of gage is sea level (levels by U.S. Bureau of Reclamation).

REMARKS.--Reservoir is formed by rolled-earth and rockfill dam. Storage began January 30, 1963. Usable capacity, 28,641 acre-ft between elevations 5,660.6 ft, top of inactive contents, and 5,741.2 ft, crest of spillway. Inactive contents, 1,201 acre-ft, includes 83 acre-ft dead contents below elevation 5,637.0 ft. Figures given represent total contents at 0800 hours. Reservoir is used for flood control, enhancement of fishery, and recreation. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

COOPERATION.--Gage readings and capacity table were provided by U.S. Bureau of Reclamation, not rounded to U.S. Geological Survey standards.

Capacity table (elevation, in feet, and contents, in acre-feet)
(Based on table provided by U.S. Bureau of Reclamation, dated August 1962)

5,630	17	5,680	3,791	5,720	16,643
5,640	143	5,690	5,901	5,730	22,220
5,650	491	5,700	8,636	5,740	28,949
5,660	1,148	5,710	12,147	5,750	37,046
5,670	2,230				

RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY OBSERVATION AT 0800 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	9559	9706	---	10008	9872	---	13649	13081	27597	30152	23721
2	---	9578	9716	---	10115	9868	---	13676	13203	28214	30137	23432
3	9639	9592	---	9716	10098	9942	9546	12913	13823	28673	30122	23123
4	9646	9592	---	---	10026	9872	9565	13047	14448	29261	30092	22820
5	9665	---	9868	9713	9938	9730	9662	13140	15130	29714	30076	22511
6	9679	---	9855	9727	9828	9542	9828	13085	15553	30258	30031	22202
7	9679	9782	9811	---	9794	9500	10054	12942	16062	30655	29986	21898
8	---	9821	9761	---	9787	9513	10164	12756	16478	31010	29933	21594
9	---	9845	9713	9888	9771	9646	10105	12587	16846	31210	29872	21284
10	9652	9868	---	10004	9747	11498	9964	12425	17281	31352	29812	20975
11	9639	---	---	10115	9753	13129	9784	12304	17872	31430	29736	20682
12	9626	---	9720	9977	9760	12769	9665	12168	18585	31414	29535	20367
13	9619	---	9727	9794	9774	11494	10192	11994	19007	31336	29327	20103
14	9605	9713	---	10055	9771	10374	10822	11751	19311	31258	29083	19851
15	---	9662	---	---	9767	10085	11293	11498	19626	31195	28855	19615
16	---	9622	---	---	9754	9841	11678	11218	19978	31172	28622	19367
17	9575	9578	9730	10761	9740	9622	12033	10957	20058	31180	28360	19122
18	9565	9578	---	10559	9727	9672	12328	10983	20080	31210	28064	18892
19	9565	---	---	10292	9706	10060	12595	11181	20252	31265	27771	18639
20	9559	---	---	10012	9699	10247	12855	11467	20612	31236	27478	18402
21	9552	9605	9733	9938	9699	10154	12880	11817	21022	31164	27190	18153
22	---	9612	9727	9866	9716	9632	12888	12192	21463	30785	26908	17920
23	---	9619	---	9807	9754	9461	12892	12570	21977	30486	26630	17676
24	9539	---	---	9798	9814	9598	12942	12653	22597	30107	26341	17437
25	9539	---	---	9787	9842	9672	13110	12612	23325	30077	26051	17188
26	9539	9672	---	9767	9862	9679	13170	12554	24132	30092	25741	16948
27	9542	---	9733	9780	9888	9646	13170	12603	25000	30092	25444	16709
28	9546	---	---	---	9882	9582	13276	12670	25780	30107	25041	16463
29	---	9689	---	---	---	9539	13301	12715	26437	30152	24682	16219
30	---	---	9727	9807	---	9569	13546	12794	27035	30182	24342	15984
31	9555	---	---	9834	---	9632	---	12917	---	30175	24016	---
MAX	---	---	---	---	10115	13129	---	13676	27035	31430	30152	23721
MIN	---	---	---	---	9699	9461	---	10957	13081	27597	24016	15984
a	5702.88			5703.71	5703.85	5703.11	5713.37	5711.89	5737.33	5741.64	5732.85	5718.67
b	-71				+48	-250	+3914	-629	+14118	+3140	-6159	-8032

WTR YR 1995 b +6358

a Gage height, in feet, at end of month.
b Change in contents, in acre-feet.

PYRAMID AND WINNEMUCCA LAKE BASIN

10340500 PROSSER CREEK BELOW PROSSER CREEK DAM, NEAR TRUCKEE, CA

LOCATION.--Lat 39°22'24", long 120°07'50", in NW $^1/_4$ NE $^1/_4$ sec.31, T.18 N., R.17 E., Nevada County, Hydrologic Unit 16050102, on left bank, 300 ft downstream from Station Creek, 0.5 mi downstream from Prosser Creek Dam, 0.9 mi upstream from mouth, and 4.2 mi northeast of Truckee.

DRAINAGE AREA.--52.9 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1902 to June 1903 (gage heights only), October 1942 to December 1950, June 1951 to current year. Prior to October 1976, published as "near Boca." Monthly discharge only for October 1942 to December 1950 published in WSP 1734; daily discharge in files of U.S. Geological Survey. Records for April 1889 to November 1890, published in the 11th and 12th Annual Reports, Part 2, have been found to be unreliable and should not be used.

REVISED RECORDS.--WDR CA-79-3: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 5,602.31 ft above sea level (levels by U.S. Bureau of Reclamation). See WSP 2127 for history of changes prior to September 1956. October 1956 to May 1976, water-stage recorder at site 0.8 mi downstream at datum 29.69 ft lower.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Prosser Creek Reservoir (station 10340300) since January 30, 1963. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.1	4.3	9.7	18	76	114	168	1050	513	69	107	169
2	2.1	4.2	9.7	18	133	115	169	1290	328	69	105	169
3	2.2	4.2	11	18	132	153	169	658	249	69	97	168
4	2.4	5.0	11	18	132	184	171	439	251	69	106	169
5	2.4	6.5	24	18	132	184	172	440	252	74	105	170
6	5.6	6.0	36	18	116	144	173	441	155	99	103	170
7	12	5.3	36	18	86	86	257	439	87	117	101	169
8	12	5.2	36	18	85	86	307	439	88	148	98	169
9	12	5.2	28	39	86	111	305	439	88	195	96	168
10	12	16	17	106	78	213	303	439	88	212	94	169
11	12	32	17	161	68	514	303	439	88	220	131	170
12	12	32	17	182	68	997	175	416	156	217	158	159
13	12	32	17	153	68	974	48	402	242	205	158	146
14	12	32	17	123	68	691	47	401	242	195	158	136
15	12	32	17	122	68	528	46	401	243	188	158	135
16	12	32	17	117	69	464	46	399	243	187	169	136
17	11	24	17	159	67	334	46	358	242	186	179	136
18	8.8	7.5	17	191	65	260	45	333	242	193	180	136
19	8.8	7.3	17	193	65	259	45	335	158	196	179	136
20	8.8	7.3	17	136	65	373	109	339	80	190	179	136
21	8.8	7.3	17	82	66	555	149	342	65	283	178	135
22	8.8	7.3	17	82	66	413	148	345	66	310	178	137
23	8.8	9.1	18	65	66	171	147	431	66	276	179	136
24	8.8	10	17	55	80	172	147	481	66	171	179	136
25	6.2	11	17	58	98	172	215	480	67	103	186	134
26	4.1	9.9	17	52	98	173	284	480	67	104	192	132
27	4.1	9.7	17	43	106	174	298	481	67	104	192	131
28	4.1	9.7	17	41	114	163	335	481	68	105	192	132
29	4.1	9.7	17	41	---	127	412	481	68	108	193	132
30	4.1	9.7	17	39	---	105	569	500	69	109	179	132
31	4.1	---	18	40	---	144	---	513	---	108	169	---
TOTAL	240.2	393.4	577.4	2424	2421	9153	5808	14912	4704	4879	4678	4453
MEAN	7.75	13.1	18.6	78.2	86.5	295	194	481	157	157	151	148
MAX	12	32	36	193	133	997	569	1290	513	310	193	170
MIN	2.1	4.2	9.7	18	65	86	45	333	65	69	94	131
AC-FT	476	780	1150	4810	4800	18150	11520	29580	9330	9680	9280	8830

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1943 - 1962, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	13.1	34.5	47.9	36.1	45.1	75.4	203	261	157	48.5	12.1	8.45
MAX	22.4	268	321	155	89.7	175	406	669	395	176	44.5	19.6
(WY)	1946	1951	1956	1956	1943	1943	1952	1952	1952	1952	1952	1952
MIN	6.63	8.62	9.81	10.0	11.0	20.0	94.5	106	55.9	10.0	3.79	3.90
(WY)	1961	1960	1960	1948	1948	1948	1955	1959	1947	1961	1961	1947

10340500 PROSSER CREEK BELOW PROSSER CREEK DAM, NEAR TRUCKEE, CA--Continued

SUMMARY STATISTICS	WATER YEARS 1943 - 1962	
ANNUAL MEAN	76.8	
HIGHEST ANNUAL MEAN	162	1952
LOWEST ANNUAL MEAN	38.1	1961
HIGHEST DAILY MEAN	3490	Dec 23 1955
LOWEST DAILY MEAN	2.7	Aug 24 1961
ANNUAL SEVEN-DAY MINIMUM	3.1	Aug 19 1947
INSTANTANEOUS PEAK FLOW	4560	Dec 23 1955
INSTANTANEOUS PEAK STAGE	11.00	Nov 20 1950
ANNUAL RUNOFF (AC-FT)	55620	
10 PERCENT EXCEEDS	212	
50 PERCENT EXCEEDS	27	
90 PERCENT EXCEEDS	7.0	

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	94.4	41.6	56.2	67.1	71.9	113	126	210	108	52.5	42.1	111
MAX	282	214	361	321	397	371	372	545	494	167	151	477
(WY)	1983	1982	1965	1970	1986	1986	1969	1983	1983	1985	1995	1983
MIN	5.41	6.84	5.32	7.96	17.5	27.1	21.7	17.2	8.39	6.33	2.55	1.96
(WY)	1989	1989	1989	1989	1991	1977	1977	1985	1966	1966	1994	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1964 - 1995	
ANNUAL TOTAL	10881.21		54643.0			
ANNUAL MEAN	29.8		150		91.1	
HIGHEST ANNUAL MEAN					214	1983
LOWEST ANNUAL MEAN					24.4	1977
HIGHEST DAILY MEAN	167	Apr 20	1290	May 2	1790	Feb 21 1986
LOWEST DAILY MEAN	.37	Aug 16	2.1	Oct 1	.02	Jan 2 1975
ANNUAL SEVEN-DAY MINIMUM	.56	Aug 11	4.1	Oct 1	.30	Apr 13 1977
INSTANTANEOUS PEAK FLOW			1580	May 1	1790	Feb 20 1986
INSTANTANEOUS PEAK STAGE			6.30	May 1	6.66	Feb 20 1986
ANNUAL RUNOFF (AC-FT)	21580		108400		66010	
10 PERCENT EXCEEDS	79		383		219	
50 PERCENT EXCEEDS	17		108		43	
90 PERCENT EXCEEDS	2.2		9.7		8.9	

PYRAMID AND WINNEMUCCA LAKES BASIN

10340500 PROSSER CREEK BELOW PROSSER CREEK DAM NEAR TRUCKEE, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--
WATER TEMPERATURE: June 1993 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: June 1993 to current year.

INSTRUMENTATION.--Water-temperature recorder since June 1993.

REMARKS.--Water temperature is affected by regulation from Prosser Creek Dam.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum recorded, 27.0°C, August 13-15, 1994; minimum recorded, 0.5°C, November 25, 1994.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum recorded, 21.5°C, October 2; minimum recorded, 0.5°C, November 25.

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	21.0	8.0	11.5	6.0	6.5	1.5	5.0	2.5	5.5	3.5	3.5	3.0
2	21.5	7.5	12.5	4.5	6.5	2.0	4.5	3.0	4.5	3.5	3.5	3.0
3	19.0	7.5	11.5	4.0	4.0	2.5	4.5	2.5	4.5	3.5	3.0	2.5
4	13.0	8.5	10.0	3.5	4.5	2.5	4.0	2.5	4.5	3.5	3.5	2.5
5	16.5	8.5	8.0	6.5	6.0	3.0	4.0	3.0	4.5	3.0	3.5	3.0
6	19.5	8.0	9.5	7.0	4.0	2.5	5.5	2.0	4.0	3.0	4.0	2.5
7	18.5	10.5	9.0	6.0	4.5	2.0	5.5	2.5	4.5	3.0	4.5	2.5
8	19.0	9.5	11.5	6.0	4.0	2.0	4.0	3.0	4.5	3.0	4.0	3.0
9	18.0	10.0	8.0	4.0	5.0	1.5	4.5	3.5	4.5	3.0	3.5	3.0
10	17.5	10.5	11.0	4.0	5.5	1.5	4.0	3.0	4.5	3.0	3.0	1.0
11	17.5	10.0	9.0	6.5	5.0	2.0	4.0	3.5	4.5	3.0	6.5	1.0
12	14.5	10.0	8.0	6.0	4.5	2.0	4.0	3.5	4.5	3.0	2.5	2.5
13	17.0	9.5	8.5	6.0	4.5	2.0	4.0	3.5	3.5	2.5	2.5	2.5
14	15.0	9.5	8.5	5.5	5.5	1.5	4.0	3.5	4.5	2.5	3.0	2.0
15	15.5	9.0	6.5	5.5	5.0	2.0	4.5	3.5	4.0	2.5	3.0	2.5
16	15.5	8.5	7.5	5.0	6.0	2.5	4.0	3.5	4.0	2.5	3.5	2.5
17	15.5	8.5	5.5	3.5	6.5	3.0	4.0	3.5	4.5	2.5	3.5	2.5
18	16.5	8.0	8.0	1.0	6.0	2.0	4.0	3.5	4.5	2.5	3.5	3.0
19	16.0	7.5	8.0	1.0	5.0	2.0	4.0	3.5	4.5	2.5	4.0	3.0
20	16.0	8.0	7.5	2.5	6.0	2.0	4.0	3.5	4.5	2.5	3.0	3.0
21	16.5	7.0	8.0	2.0	6.0	2.0	4.5	3.5	4.5	2.5	3.5	3.0
22	16.0	7.0	8.0	1.5	6.0	2.0	4.0	3.5	4.5	2.0	3.0	2.5
23	16.0	6.5	7.5	2.0	6.0	2.0	5.0	3.5	4.5	2.0	3.5	2.5
24	16.0	7.5	8.0	2.0	4.5	3.0	4.5	3.5	4.5	2.5	3.5	3.0
25	17.0	7.0	3.5	.5	6.0	2.5	5.0	3.5	4.0	2.5	4.0	2.5
26	15.5	6.0	6.5	1.0	6.0	3.0	4.5	3.0	4.0	2.5	4.0	2.5
27	15.0	6.5	7.5	1.0	5.0	3.0	4.5	3.5	4.0	2.5	4.0	2.5
28	16.5	6.0	6.5	1.5	5.5	3.0	4.5	3.5	4.0	2.5	4.0	2.5
29	15.5	6.0	6.5	1.0	6.0	2.0	5.5	3.5	---	---	4.0	2.5
30	14.5	4.0	7.0	2.0	5.5	2.0	5.5	3.5	---	---	4.5	2.5
31	15.5	4.5	---	---	5.0	2.0	6.5	3.5	---	---	4.0	2.5
MONTH	21.5	4.0	12.5	.5	6.5	1.5	6.5	2.0	5.5	2.0	6.5	1.0

10340500 PROSSER CREEK BELOW PROSSER CREEK DAM NEAR TRUCKEE, CA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	4.0	3.0	6.5	5.5	8.5	8.0	10.5	8.5	14.5	12.0	12.5	11.0
2	4.0	2.5	6.0	5.0	9.0	8.0	11.0	8.5	14.0	12.0	13.0	11.5
3	4.0	2.5	6.0	5.0	9.0	8.0	11.0	8.5	14.0	12.0	13.0	11.5
4	4.5	3.0	5.5	5.0	9.0	8.0	11.0	8.5	14.0	12.0	13.0	11.5
5	4.5	3.0	6.5	5.0	9.0	8.5	12.0	8.5	13.5	11.5	13.0	11.5
6	4.5	3.5	6.5	5.0	9.5	8.0	15.0	11.0	13.5	11.5	13.0	12.0
7	4.0	3.5	6.0	5.5	9.5	7.5	15.5	13.5	13.0	11.0	13.5	12.0
8	4.0	3.0	6.5	5.5	9.5	7.5	16.5	14.0	12.5	10.5	13.5	12.0
9	4.0	3.5	6.5	5.5	10.0	7.5	17.0	15.5	12.0	10.0	14.0	12.5
10	4.5	3.5	7.0	5.5	10.5	8.0	17.0	15.5	12.0	10.0	14.0	12.5
11	4.5	3.5	7.0	6.0	10.5	8.0	17.0	15.5	11.5	9.5	14.0	13.0
12	5.0	3.5	7.0	6.0	10.0	8.0	16.5	15.5	11.0	9.5	14.5	13.0
13	6.5	2.5	7.0	6.0	9.5	8.0	17.0	15.0	11.0	9.5	15.0	13.0
14	7.5	3.0	7.0	6.0	9.0	8.0	18.5	14.5	11.0	9.5	15.0	13.5
15	5.5	3.0	7.0	6.0	8.5	8.5	18.5	16.0	11.0	10.0	15.0	13.5
16	5.5	3.5	7.0	6.5	9.0	8.5	19.5	16.5	11.0	10.0	15.5	13.5
17	6.0	3.5	7.0	6.0	9.0	8.5	19.0	17.0	11.5	10.0	15.5	14.0
18	5.0	4.0	7.5	6.0	9.5	8.0	19.5	17.0	11.5	10.0	15.5	14.0
19	8.0	3.5	7.5	6.5	10.0	8.0	19.0	17.5	11.5	10.0	16.0	14.5
20	5.5	3.5	7.5	6.5	10.5	8.0	20.0	17.5	11.5	10.0	16.0	14.5
21	5.5	4.5	7.5	6.5	11.0	8.0	18.0	13.5	11.5	10.5	16.0	14.5
22	6.0	4.5	7.5	7.0	11.0	8.0	13.5	12.0	11.0	10.5	16.0	15.0
23	6.0	4.5	8.0	7.0	11.0	8.0	12.5	11.0	11.5	10.5	16.5	15.0
24	6.0	4.5	8.0	7.0	11.0	8.0	13.5	10.5	12.0	10.5	16.5	15.0
25	6.0	4.5	8.5	7.0	11.0	8.5	13.5	11.5	12.0	10.5	16.5	15.5
26	6.5	5.0	8.5	7.0	11.0	8.5	13.5	11.5	12.0	10.5	16.5	15.5
27	6.5	5.0	8.0	7.5	11.0	8.5	13.5	11.5	12.0	10.5	16.5	15.5
28	6.5	5.5	8.0	7.5	11.0	8.5	14.0	12.0	12.0	10.5	16.5	15.5
29	8.0	5.5	8.5	7.5	11.0	8.5	14.0	12.0	12.5	11.0	16.5	15.5
30	7.0	6.0	8.5	7.5	10.5	8.5	14.0	12.0	12.5	11.0	16.5	15.0
31	---	---	8.5	8.0	---	---	14.0	11.5	12.5	11.0	---	---
MONTH	8.0	2.5	8.5	5.0	11.0	7.5	20.0	8.5	14.5	9.5	16.5	11.0

PYRAMID AND WINNEMUCCA LAKES BASIN

10341950 LITTLE TRUCKEE RIVER BELOW DIVERSION DAM NEAR SIERRAVILLE, CA

LOCATION.--Lat 39°29'29", long 120°17'39", in SE $^1/_4$ SE $^1/_4$ sec.15, T.19 N., R.15 E., Sierra County, Hydrologic Unit 16050102, Tahoe National Forest, on left bank, 50 ft upstream from Independence Lake Road Bridge, 0.7 mi downstream from diversion dam, and 7.8 mi southeast of Sierraville.

DRAINAGE AREA.--36.1 mi^2.

PERIOD OF RECORD.--June 1993 to current year.
WATER TEMPERATURE: October 1993 to September 1994.

GAGE.--Water-stage recorder. Elevation of gage is 6,380 ft above sea level, from topographic map.

REMARKS.--Records fair. Some water diverted to Sierra Valley about 0.7 mi upstream for irrigation in the summer months. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.4	e3.0	e5.5	5.5	64	59	112	1040	1290	713	101	3.7
2	2.3	e4.0	e6.0	5.5	73	64	112	894	1130	624	95	3.7
3	2.2	e4.0	e7.2	5.4	62	72	116	532	1230	617	108	3.6
4	3.3	e6.0	e6.0	5.4	55	69	129	429	1220	616	101	3.5
5	3.8	e7.0	e5.5	5.3	54	59	149	366	1200	594	80	3.2
6	3.2	e8.0	e5.0	5.8	55	57	167	305	624	593	72	3.2
7	2.9	e6.0	e5.0	9.8	56	52	199	276	466	554	69	3.7
8	2.7	e5.0	e5.0	5.5	58	49	181	271	367	520	63	6.3
9	2.5	e5.0	e5.0	11	57	281	e149	275	378	477	55	6.0
10	2.4	e4.0	e5.0	49	63	449	e130	296	506	496	42	5.6
11	2.4	e4.0	e5.0	53	60	354	134	341	741	438	32	5.1
12	2.4	e4.0	e5.2	38	56	319	160	302	919	356	26	4.6
13	e2.4	e4.0	e5.2	53	43	269	221	253	896	283	22	4.2
14	e2.4	e4.0	e5.2	108	e43	262	185	233	888	272	17	3.8
15	e2.4	e4.0	e5.2	99	e44	300	174	226	980	286	11	3.3
16	e2.4	e4.2	e5.5	73	e45	272	162	228	635	300	11	2.9
17	e2.4	e4.2	e5.5	64	45	246	e145	280	456	301	9.2	2.8
18	e2.4	e4.2	e5.5	47	46	274	134	391	453	322	6.5	3.3
19	e2.4	e4.4	e5.5	44	49	252	e130	500	632	279	5.4	3.9
20	e2.4	e4.4	e5.5	41	49	257	128	608	583	259	5.9	3.4
21	e2.4	e4.4	e5.5	37	47	222	e115	707	506	239	7.5	2.9
22	e2.4	e4.4	e5.5	31	46	193	108	721	566	214	6.5	2.9
23	e2.4	e4.4	e5.5	30	47	171	125	672	683	190	6.1	3.3
24	e2.4	e4.4	e5.5	31	49	144	155	707	925	175	6.0	3.7
25	e2.4	e4.4	e5.5	28	53	128	191	625	1130	163	5.1	3.9
26	e2.4	e4.4	e5.5	27	55	119	222	720	1220	143	4.3	4.3
27	e2.4	e4.4	e5.5	24	55	119	250	813	1280	127	3.7	6.0
28	e2.4	e4.4	e6.0	26	57	115	261	756	1040	150	4.4	4.7
29	e2.4	e4.4	e6.1	25	---	e112	330	850	923	157	4.7	5.9
30	e2.4	e4.4	e6.0	26	---	111	374	994	767	126	4.2	8.1
31	e2.4	---	e5.5	40	---	110	---	1190	---	114	3.7	---
TOTAL	78.1	137.4	170.6	1053.2	1486	5560	5148	16801	24634	10698	988.2	125.5
MEAN	2.52	4.58	5.50	34.0	53.1	179	172	542	821	345	31.9	4.18
MAX	3.8	8.0	7.2	108	73	449	374	1190	1290	713	108	8.1
MIN	2.2	3.0	5.0	5.3	43	49	108	226	367	114	3.7	2.8
AC-FT	155	273	338	2090	2950	11030	10210	33320	48860	21220	1960	249

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	5.01	5.21	6.49	21.1	31.0	103	131	321	419	138	14.0	4.24
MAX	7.50	5.85	7.47	34.0	53.1	179	172	542	821	345	31.9	6.48
(WY)	1994	1994	1994	1995	1995	1995	1995	1995	1995	1995	1995	1993
MIN	2.52	4.58	5.50	8.14	8.94	26.9	90.1	100	16.5	4.63	2.22	2.04
(WY)	1995	1995	1995	1994	1994	1994	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1993 - 1995	
ANNUAL TOTAL	8306.3		66880.0			
ANNUAL MEAN	22.8		183		103	
HIGHEST ANNUAL MEAN					183	1995
LOWEST ANNUAL MEAN					23.5	1994
HIGHEST DAILY MEAN	239	Apr 19	1290	Jun 1	1290	Jun 1 1995
LOWEST DAILY MEAN	1.5	Aug 17	2.2	Oct 3	1.5	Aug 17 1994
ANNUAL SEVEN-DAY MINIMUM	1.6	Aug 15	2.4	Oct 10	1.6	Aug 15 1994
INSTANTANEOUS PEAK FLOW			1630	Jun 27	1630	Jun 27 1995
INSTANTANEOUS PEAK STAGE			8.14	Jun 27	8.14	Jun 27 1995
ANNUAL RUNOFF (AC-FT)	16480		132700		74870	
10 PERCENT EXCEEDS	65		620		275	
50 PERCENT EXCEEDS	7.0		52		8.4	
90 PERCENT EXCEEDS	2.0		3.3		2.7	

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

10342900 INDEPENDENCE LAKE NEAR TRUCKEE, CA

LOCATION.--Lat 39°27'07", long 120°17'23", in NW $^1/_4$ SW $^1/_4$ sec.35, T.19 N., R.15 E., Sierra County, Hydrologic Unit 16050102, on right bank, of outlet channel, 60 ft upstream from outlet gates, and 10.5 mi northwest of Truckee.

DRAINAGE AREA.--7.51 mi^2.

PERIOD OF RECORD.--November 1988 to current year.

GAGE.--Water-stage recorder. Datum of gage is sea level (levels by Sierra Pacific Power Co.).

REMARKS.--Lake levels regulated by an earthfill dam at the outlet constructed in 1939. Usable capacity, 17,300 acre-ft between elevations 6,921.0 ft, invert of outlet gate and 6,949.0 ft, normal maximum storage level. Water is used for irrigation and power development downstream. Records, including extremes, represent usable contents. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 17,700 acre-ft, August 4, 1995, elevation, 6,949.51 ft; minimum, 4,750 acre-ft, November 10, 11, 1988, elevation, 6,929.39 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents, 17,700 acre-ft, August 4, elevation, 6,949.51 ft; minimum, 10,300 acre-ft, January 4, elevation, 6,938.50 ft.

Capacity table (elevation, in feet, and contents, in acre-feet)
(Based on table provided by Sierra Pacific Power Co., dated Nov. 5, 1941)

6,921	0	6,940	11,240
6,925	2,220	6,945	14,530
6,930	5,110	6,950	18,000
6,935	8,110		

RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY OBSERVATION AT 2400 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12600	11600	10900	10300	11800	12500	15400	14200	15100	16700	17500	17400
2	12600	11600	10900	10300	11800	12600	15400	14300	15200	16900	17600	17400
3	12500	11500	11000	10300	11900	12700	15500	14300	15200	16900	17600	17400
4	12500	11500	11000	10300	11900	12700	15500	14300	15300	17000	17700	17400
5	12500	11500	11000	10400	11900	12800	15600	14200	15300	17000	17600	17400
6	12500	11600	11000	10400	12000	12800	15600	14200	15200	17100	17600	17400
7	12500	11500	11000	10500	12000	12800	15700	14100	15100	17200	17600	17300
8	12400	11500	10900	10600	12000	12800	15800	14100	15000	17300	17600	17300
9	12400	11400	10900	10700	12000	13300	15800	14000	14800	17300	17600	17300
10	12300	11400	10900	10900	12000	13700	15700	13900	14800	17300	17500	17300
11	12300	11400	10900	10900	12100	13900	15600	13900	14800	17300	17600	17300
12	12200	11300	10900	11000	12000	13900	15500	13900	14800	17200	17600	17300
13	12200	11300	10800	11100	12200	14000	15500	13800	14800	17200	17600	17300
14	12200	11300	10800	11300	12200	14100	15400	13800	14700	17100	17600	17300
15	12100	11200	10800	11300	12200	14200	15300	13700	14700	17100	17600	17200
16	12100	11200	10700	11300	12200	14200	15200	13600	14700	17100	17600	17200
17	12100	11200	10700	11400	12200	14300	15000	13600	14500	17200	17500	17100
18	12000	11200	10700	11400	12300	14400	14900	13600	14500	17300	17600	17100
19	12000	11200	10700	11400	12300	14500	14800	13600	14400	17300	17600	17100
20	12000	11100	10700	11400	12300	14700	14700	13700	14300	17200	17600	17000
21	11900	11100	10600	11400	12300	14800	14600	13800	14300	17200	17600	17000
22	11900	11100	10600	11500	12300	15000	14500	13900	14300	17200	17600	17000
23	11900	11000	10600	11600	12400	15100	14400	14000	14400	17200	17600	16900
24	11900	11000	10500	11600	12400	15200	14200	14000	14700	17200	17500	16900
25	11800	11100	10500	11600	12400	15200	14100	14100	15000	17200	17500	16800
26	11800	11100	10500	11600	12400	15200	14100	14200	15400	17200	17500	16800
27	11800	11000	10500	11700	12500	15300	14000	14300	15700	17200	17500	16800
28	11700	11000	10500	11700	12500	15300	14000	14400	16000	17300	17500	16700
29	11700	11000	10400	11700	---	15300	14000	14500	16300	17300	17500	16700
30	11600	11000	10400	11700	---	15400	14000	14700	16600	17400	17500	16600
31	11600	---	10400	11800	---	15400	---	14900	---	17500	17500	---
MAX	12600	11600	11000	11800	12500	15400	15800	14900	16600	17500	17700	17400
MIN	11600	11000	10400	10300	11800	12500	14000	13600	14300	16700	17500	16600
a	6940.59	6939.55	6938.61	6940.78	6941.90	6946.24	6944.16	6945.51	6947.97	6949.26	6949.28	6948.06
b	-1100	-600	-600	+1400	+700	+2900	-1400	+900	+1700	+900	0	-900

CAL YR 1994 MAX 16600 MIN 10400 b -4500
WTR YR 1995 MAX 17700 MIN 10300 b +3900

a Elevation, in feet, at end of month.
b Change in contents, in acre-feet.

PYRAMID AND WINNEMUCCA LAKES BASIN

10343000 INDEPENDENCE CREEK NEAR TRUCKEE, CA

LOCATION.--Lat 39°27'24", long 120°17'10", in SW $^1/_4$ NW $^1/_4$ sec.35, T.19 N., R.15 E., Sierra County, Hydrologic Unit 16050102, on left bank, 0.4 mi downstream from Independence Lake outlet, and 10.5 mi northwest of Truckee.

DRAINAGE AREA.--8.10 mi^2.

PERIOD OF RECORD.--November 1902 to September 1907, November 1909 to June 1910, August 1968 to current year.

REVISED RECORDS.--WDR CA-79-3: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 6,920 ft above sea level, from topographic map. July 1, 1904, to June 30, 1910, nonrecording gage 75 ft downstream from Independence Lake outlet; prior to July 1, 1904, nonrecording gage 600 ft downstream at approximately same datum.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Independence Lake (station 10342900) since 1939. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	14	18	17	1.6	2.3	3.9	82	87	63	6.4	10
2	16	14	18	17	1.6	2.5	3.9	82	122	90	4.9	10
3	16	19	18	10	1.6	2.6	3.9	81	162	103	11	9.9
4	16	29	18	4.3	1.7	2.5	4.0	81	162	103	28	9.7
5	16	29	18	4.3	1.9	2.5	4.1	80	160	103	32	8.9
6	16	29	18	4.4	2.0	2.5	4.3	79	159	102	36	8.7
7	16	29	18	4.4	2.0	2.7	4.3	78	158	101	32	8.9
8	16	24	18	6.7	1.9	2.8	4.3	78	157	101	30	8.9
9	15	18	18	3.6	1.9	5.2	4.3	79	156	106	25	8.9
10	15	18	18	6.6	1.9	7.0	58	79	156	109	23	8.9
11	15	18	18	3.5	2.0	5.8	81	79	156	109	17	8.9
12	15	18	18	2.8	2.2	5.2	81	78	155	108	14	8.9
13	15	18	18	2.8	2.4	5.2	83	77	155	108	14	15
14	16	18	18	2.9	2.3	5.3	83	76	156	104	14	20
15	16	18	18	2.6	1.9	5.9	82	76	156	93	14	19
16	16	18	18	2.5	1.9	6.1	82	76	155	67	13	19
17	16	18	18	2.3	1.9	5.8	82	78	153	57	13	19
18	16	18	18	2.2	1.9	6.0	81	79	152	66	13	19
19	15	18	18	2.2	1.9	5.7	81	80	151	75	13	19
20	16	18	18	2.2	1.9	5.4	81	80	142	77	13	18
21	16	18	18	2.2	1.9	5.2	80	81	134	73	13	18
22	15	18	18	2.2	1.9	32	79	81	126	64	13	18
23	15	18	17	2.2	1.9	32	78	82	64	50	12	18
24	15	18	17	2.2	1.9	7.4	78	81	21	46	12	18
25	15	18	18	2.2	2.0	4.3	78	82	21	46	12	18
26	15	18	17	2.2	2.2	4.2	78	83	21	45	12	18
27	14	18	17	2.2	2.2	3.9	78	83	20	30	12	18
28	14	18	17	2.2	2.2	3.9	78	84	20	14	11	18
29	14	18	17	1.8	---	3.9	79	85	23	12	10	18
30	14	18	17	1.4	---	3.9	79	86	41	9.5	10	18
31	14	---	17	1.5	---	3.9	---	86	---	8.3	10	---
TOTAL	475	583	550	126.6	54.6	193.6	1697.0	2492	3501	2242.8	493.3	438.6
MEAN	15.3	19.4	17.7	4.08	1.95	6.25	56.6	80.4	117	72.3	15.9	14.6
MAX	16	29	18	17	2.4	32	83	86	162	109	36	20
MIN	14	14	17	1.4	1.6	2.3	3.9	76	20	8.3	4.9	8.7
AC-FT	942	1160	1090	251	108	384	3370	4940	6940	4450	978	870

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	15.4	22.4	11.1	7.74	10.2	12.2	18.4	40.9	56.3	27.5	20.8	21.5
MAX	45.8	97.6	58.2	25.1	58.0	79.2	72.9	112	188	89.2	114	133
(WY)	1976	1984	1982	1982	1986	1986	1986	1982	1983	1983	1988	1973
MIN	.47	1.36	.70	1.04	1.07	1.45	1.50	1.51	2.09	1.78	2.05	.58
(WY)	1980	1989	1993	1993	1974	1977	1977	1977	1977	1977	1976	1979

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1968 - 1995	
ANNUAL TOTAL	5241.9		12847.5			
ANNUAL MEAN	14.4		35.2		22.0	
HIGHEST ANNUAL MEAN					46.7	1983
LOWEST ANNUAL MEAN					7.63	1989
HIGHEST DAILY MEAN	43	May 14	162	Jun 3	269	Dec 20 1981
LOWEST DAILY MEAN	1.0	Jul 11	1.4	Jan 30	.02	Sep 26 1973
ANNUAL SEVEN-DAY MINIMUM	1.4	Jul 6	1.6	Jan 29	.02	Sep 26 1973
INSTANTANEOUS PEAK FLOW			285	Apr 10	291	Dec 20 1981
INSTANTANEOUS PEAK STAGE			5.92	Apr 10	8.16	Apr 16 1993
ANNUAL RUNOFF (AC-FT)	10400		25480		15960	
10 PERCENT EXCEEDS	23		86		62	
50 PERCENT EXCEEDS	16		18		9.6	
90 PERCENT EXCEEDS	5.2		2.2		1.9	

PYRAMID AND WINNEMUCCA LAKES

10343500 SAGEHEN CREEK NEAR TRUCKEE, CA--Continued

(Hydrologic Benchmark Station)

LOCATION.--Lat 39°25'54", long 120°14'13", in NE $^1/_4$ NE $^1/_4$ sec.7, T.18 N., R.16 E., Nevada County, Hydrologic Unit 16050102, on left bank, 2.2 mi upstream from bridge on State Highway 89, and 7.5 mi north of Truckee.

DRAINAGE AREA.--10.5 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1953 to current year.

REVISED RECORDS.--WDR CA-79-3: Drainage area.

GAGE.--Water-stage recorder and concrete control. Elevation of gage is 6,320 ft above sea level, from topographic map. Prior to December 2, 1953, nonrecording gage at site 100 ft upstream at different datum.

REMARKS.--No estimated daily discharge. Records excellent. No storage or diversion upstream from station. See schematic diagram of Pyramid and Winnemucca Lakes basin.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	2.0	2.0	2.1	8.7	7.7	14	175	125	54	9.1	3.1
2	1.3	1.8	2.1	2.1	8.4	8.3	14	119	122	51	8.7	3.0
3	1.3	1.6	2.9	2.1	7.1	8.8	15	95	121	50	8.4	3.0
4	1.6	1.6	3.3	2.1	6.7	7.7	17	89	123	46	8.0	2.9
5	1.7	4.9	2.9	2.1	6.6	7.2	20	76	111	44	7.6	2.9
6	1.6	7.3	2.6	2.2	6.5	6.8	23	66	94	43	7.3	2.8
7	1.5	3.1	2.3	4.1	6.3	6.6	27	63	82	41	7.1	2.8
8	1.4	2.4	2.5	3.4	6.1	6.5	27	64	73	40	6.8	2.8
9	1.4	2.3	2.2	8.8	5.9	73	22	64	73	38	6.5	2.8
10	1.4	2.2	2.2	21	5.8	92	21	69	77	36	6.1	2.8
11	1.4	2.1	2.2	12	5.7	58	25	70	81	33	5.9	2.7
12	1.4	2.1	2.2	7.2	5.6	36	30	62	81	31	5.7	2.6
13	1.4	1.9	2.1	21	5.4	32	36	55	79	28	5.5	2.5
14	1.4	1.9	2.1	44	5.3	35	29	52	83	25	5.3	2.5
15	1.5	1.9	2.1	18	5.0	38	26	51	89	24	5.1	2.5
16	1.5	1.9	2.1	11	4.7	34	23	51	74	23	5.0	2.4
17	1.5	1.9	2.1	8.2	4.7	31	21	63	65	23	4.8	2.5
18	1.5	1.9	2.2	6.9	4.7	46	19	77	68	26	4.7	2.6
19	1.5	2.0	2.1	6.1	4.8	39	18	88	62	24	4.5	2.7
20	1.4	1.9	2.1	5.6	5.0	40	17	97	57	21	4.4	2.6
21	1.4	1.9	2.1	5.2	5.3	34	16	100	55	19	4.3	2.6
22	1.5	1.9	2.1	4.8	5.7	26	16	108	54	16	4.3	2.7
23	1.5	1.9	2.1	4.6	6.1	24	19	112	54	15	4.1	2.6
24	1.5	1.9	2.1	4.3	6.6	21	26	103	57	14	3.9	2.6
25	1.5	2.0	2.1	4.2	7.2	19	33	99	60	13	3.7	2.7
26	1.5	2.0	2.1	4.0	7.4	18	36	106	63	12	3.6	2.7
27	1.5	2.0	2.1	3.8	7.3	16	41	111	63	12	3.5	2.7
28	1.4	2.0	2.1	3.8	7.4	15	43	108	61	11	3.4	2.7
29	1.5	2.0	2.1	3.8	---	14	70	112	59	11	3.3	2.7
30	1.5	2.0	2.1	4.1	---	14	75	119	56	10	3.2	2.7
31	1.5	---	2.1	6.2	---	14	---	125	---	9.7	3.1	---
TOTAL	45.3	68.3	69.4	238.8	172.0	828.6	819	2749	2322	843.7	166.9	81.2
MEAN	1.46	2.28	2.24	7.70	6.14	26.7	27.3	88.7	77.4	27.2	5.38	2.71
MAX	1.7	7.3	3.3	44	8.7	92	75	175	125	54	9.1	3.1
MIN	1.3	1.6	2.0	2.1	4.7	6.5	14	51	54	9.7	3.1	2.4
AC-FT	90	135	138	474	341	1640	1620	5450	4610	1670	331	161

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	3.46	5.12	7.11	7.11	8.10	10.5	23.8	42.6	25.3	7.31	3.11	2.68
MAX	11.9	27.7	44.0	33.8	51.0	50.1	51.6	117	142	37.4	11.8	7.56
(WY)	1963	1984	1965	1970	1963	1986	1986	1969	1983	1983	1983	1983
MIN	1.46	1.83	2.03	1.81	2.54	2.74	6.13	3.45	1.82	1.36	1.20	1.11
(WY)	1995	1993	1977	1962	1994	1962	1975	1988	1992	1994	1994	1960

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1954 - 1995	
ANNUAL TOTAL	1158.2		8404.2			
ANNUAL MEAN	3.17		23.0		12.2	
HIGHEST ANNUAL MEAN					30.0	1983
LOWEST ANNUAL MEAN					2.65	1977
HIGHEST DAILY MEAN	16	Apr 19	175	May 1	398	Dec 23 1955
LOWEST DAILY MEAN	1.2	Jul 31	1.3	Oct 1	1.0	Sep 13 1960
ANNUAL SEVEN-DAY MINIMUM	1.2	Jul 31	1.4	Oct 8	1.1	Sep 9 1960
INSTANTANEOUS PEAK FLOW			207	May 1	765	Feb 1 1963
INSTANTANEOUS PEAK STAGE			3.70	May 1	4.64	Feb 1 1963
ANNUAL RUNOFF (AC-FT)	2300		16670		8840	
10 PERCENT EXCEEDS	7.3		73		32	
50 PERCENT EXCEEDS	2.1		6.5		4.4	
90 PERCENT EXCEEDS	1.2		1.9		1.9	

PYRAMID AND WINNEMUCCA LAKES

10343500 SAGEHEN CREEK NEAR TRUCKEE, CA--Continued

PRECIPITATION RECORDS

PERIOD OF RECORD.--December 1990 to current year.

INSTRUMENTATION.--Recording-weighing gage since December 1, 1990.

REMARKS.--January 4-6, 1995, precipitation data provided by Sagehen Creek Research Station.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded daily precipitation, 3.36 in., March 4, 1991; no precipitation for many days in each year.

EXTREMES FOR CURRENT YEAR.--Maximum recorded daily precipitation, 2.67 in., March 9; no precipitation for many days.

PRECIPITATION, TOTAL (INCHES), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.21	.00	.00	.14	.00	.00	1.02	.00	.00	.00	.00
2	.00	.13	.00	.00	.00	.45	.00	.11	.00	.00	.00	.00
3	.00	.03	1.03	.00	.03	1.13	.00	.00	.00	.00	.00	.00
4	.36	.00	.81	.21	.00	.03	.00	.07	.00	.00	.00	.00
5	.07	1.3	.18	.47	.00	.00	.00	.09	.04	.00	.00	.03
6	.00	.61	.20	.24	.00	.14	.00	.09	.06	.00	.00	.00
7	.03	.05	.10	.65	.00	.04	.30	.03	.00	.00	.00	.00
8	.04	.18	.04	.86	.00	.00	.37	.00	.07	.00	.00	.00
9	.00	.22	.00	1.18	.00	2.67	.07	.07	.00	.00	.00	.00
10	.00	.19	.00	1.83	.00	2.43	.00	.10	.00	.00	.00	.00
11	.00	.00	.00	.51	.00	.40	.00	.00	.00	.00	.00	.00
12	.00	.30	.33	.13	.04	.07	.00	.15	.00	.00	.00	.00
13	.03	.07	.13	1.87	1.03	.27	.87	.10	.00	.06	.00	.00
14	.00	.00	.03	1.01	.18	.28	.03	.07	.14	.00	.00	.00
15	.10	.13	.03	.23	.03	.28	.03	.33	.50	.00	.00	.00
16	.06	.07	.00	.10	.00	.04	.04	.04	.18	.00	.00	.00
17	.00	.26	.00	.04	.03	.03	.06	.00	.00	.00	.00	.00
18	.00	.21	.07	.00	.03	.57	.00	.00	.07	.27	.06	.00
19	.00	.07	.03	.00	.07	.06	.07	.03	.10	.07	.00	.00
20	.00	.00	.00	.00	.00	1.35	.44	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.69	.03	.00	.00	.03	.00	.00
22	.00	.00	.00	.52	.00	2.02	.00	.31	.00	.03	.00	.00
23	.00	.00	.00	.17	.00	.51	.00	.04	.00	.04	.00	.00
24	.00	.00	.03	.29	.00	.12	.00	.03	.00	.00	.00	.00
25	.00	1.14	.07	.15	.00	.10	.00	.07	.00	.00	.00	.00
26	.00	.44	.00	.35	.00	.03	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.22	.00	.00	.36	.03	.00	.00	.00	.00
28	.00	.04	.21	.00	.00	.00	.26	.10	.00	.00	.00	.00
29	.00	.00	.03	.00	---	.00	.50	.00	.00	.00	.00	.04
30	.04	.00	.04	.00	---	.00	.20	.00	.00	.00	.00	.00
31	.00	---	.00	.07	---	.00	---	.00	---	.00	.00	---
TOTAL	0.73	5.65	3.36	11.10	1.58	13.71	3.63	2.88	1.16	0.50	0.06	0.07

CAL YR 1994 TOTAL 19.10
WTR YR 1995 TOTAL 44.43

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1968-75, 1981 to current year.
CHEMICAL DATA: Water years 1968-72, October 1985 to current year.
WATER TEMPERATURE: Water years 1970-74.
SEDIMENT DATA: Water years 1968-75, 1981 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: October 1969 to September 1974.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	TUR-BID-ITY (NTU)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)
NOV 1994										
08...	1135	2.3	119	7.9	4.0	15	605	10.2	98	K3
FEB 1995										
16...	1120	4.7	90	7.6	1.0	1.0	605	11.1	99	K0
MAY										
31...	1055	107	38	7.6	5.5	1.0	605	10.9	109	K1
AUG										
16...	1010	5.4	81	8.1	9.5	0.50	602	9.0	100	K14

DATE	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	HARD-NESS TOTAL (MG/L AS CACO3)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L)	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	SODIUM PERCENT	SODIUM AD-SORP-TION RATIO	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3
NOV 1994										
08...	49	47	0	12	4.2	5.9	20	0.4	2.1	75
FEB 1995										
16...	K0	36	0	9.1	3.3	4.1	19	0.3	1.4	56
MAY										
31...	K3	16	0	4.0	1.5	1.9	20	0.2	0.50	32
AUG										
16...	105	38	0	10	3.2	4.0	18	0.3	1.1	57

DATE	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3	SULFATE DIS-SOLVED (MG/L AS SO4)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)
NOV 1994										
08...	0	62	0.10	1.0	<0.10	32	109	96	0.15	0.007
FEB 1995										
16...	0	47	<0.10	0.30	<0.10	26	76	--	--	<0.001
MAY										
31...	0	26	<0.10	0.20	<0.10	18	37	--	--	0.001
AUG										
16...	0	47	<0.10	0.20	<0.10	28	79	--	--	0.001

DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	PHOS-PHORUS TOTAL (MG/L AS P)	PHOS-PHORUS DIS-SOLVED (MG/L AS P)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P)	ALUM-INUM, DIS-SOLVED (UG/L AS AL)	BARIUM, DIS-SOLVED (UG/L AS BA)	COBALT, DIS-SOLVED (UG/L AS CO)	IRON, DIS-SOLVED (UG/L AS FE)
NOV 1994										
08...	0.012	0.016	0.20	0.038	0.033	0.015	<10	28	<3	--
FEB 1995										
16...	0.007	0.003	<0.20	0.012	0.010	0.008	100	18	<3	69
MAY										
31...	<0.005	<0.002	<0.20	0.006	0.006	0.001	120	10	<3	37
AUG										
16...	0.007	<0.002	<0.20	0.008	0.007	0.005	20	18	<3	64

10343500 SAGEHEN CREEK NEAR TRUCKEE, CA--Continued

WATER-QUALITY DATA, OCTOBER 1994 TO SEPTEMBER 1995

DATE	LITHIUM DIS-SOLVED (UG/L AS LI)	MANGA-NESE, DIS-SOLVED (UG/L AS MN)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO)	NICKEL, DIS-SOLVED (UG/L AS NI)	SELE-NIUM, DIS-SOLVED (UG/L AS SE)	SILVER, DIS-SOLVED (UG/L AS AG)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	VANA-DIUM, DIS-SOLVED (UG/L AS V)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L)	URANIUM NATURAL DIS-SOLVED (UG/L AS U)
NOV 1994										
08...	<4	4	<10	<1	<1	<1.0	130	<6	--	--
FEB 1995										
16...	<4	<1	<10	<1	<1	<1.0	100	<6	--	--
MAY										
31...	<4	<1	<10	<1	<1	<1.0	51	<6	<0.02	0.03
AUG										
16...	<4	5	<10	<1	<1	<1.0	110	<6	0.03	0.17

CROSS-SECTIONAL DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DEPTH AT SAMPLE LOC-ATION, TOTAL (FEET)	SAMPLE LOC-ATION, CROSS SECTION (FT FM L BANK)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	TEMPER-ATURE WATER (DEG C)	BARO-METRIC PRES-SURE (MM OF HG)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)
MAY									
31...*	1038	1.15	2.00	37	7.8	5.5	605	10.8	108
31...*	1039	1.40	6.00	36	7.7	5.5	605	10.9	109
31...*	1040	2.00	10.0	36	7.5	5.5	605	11.0	110
31...*	1041	2.25	14.0	36	7.5	5.5	605	11.0	110
31...*	1042	1.80	18.0	37	7.5	5.5	605	10.9	109

* Instantaneous discharge at the time of cross-sectional measurement: 107 ft^3/s

SUSPENDED-SEDIMENT DISCHARGE, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND	TEMPER-ATURE WATER (DEG C)	SEDI-MENT, SUS-PENDED (MG/L)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY)
NOV 1994					
08...	1135	2.3	4.0	12	0.07
FEB 1995					
16...	1120	4.7	1.0	3	0.04
MAY					
31...	1055	107	5.5	4	1.2
AUG					
16...	1010	5.4	9.5	2	0.03

K: LESS THAN NON-IDEAL COLONY COUNT

10344300 STAMPEDE RESERVOIR NEAR TRUCKEE, CA

LOCATION.--Lat 39°28'14", long 120°06'11", in SE $^1/_4$ NE $^1/_4$ sec.29, T.19 N., R.17 E., Sierra County, Hydrologic Unit 16050102, Tahoe National Forest, in control house near base of spillway of Stampede Dam on Little Truckee River, 0.2 mi upstream from Worn Mill Canyon, and 11.0 mi northeast of Truckee.

DRAINAGE AREA.--136 mi^2.

PERIOD OF RECORD.--August 1969 to current year. August 1969 to September 1977 (monthend elevations and contents only). October 1977 to September 1987 (daily contents). Prior to October 1976, published as "near Boca."

GAGE.--Nonrecording gage read five times weekly. Datum of gage is sea level (levels by U.S. Bureau of Reclamation).

REMARKS.--Reservoir is formed by rolled-earth and rockfill dam. Storage began August 1, 1969. Total capacity, 226,500 acre-ft at elevation 5,948.7 ft, spillway crest. Inactive contents, 5,010 acre-ft, includes 660 acre-ft dead contents below elevation 5,798.3 ft. Figures given, including extremes, represent total contents at 0800 hours. Reservoir is used for flood control, municipal water supply, enhancement of fishery, and recreation. See schematic diagram of Truckee River basin at beginning of Pyramid and Winnemucca Lakes Basin section.

COOPERATION.--Records and capacity table were provided by U.S. Bureau of Reclamation, not rounded to U.S. Geological Survey standards.

EXTREMES (at 0800) FOR PERIOD OF RECORD.--Maximum contents, 254,493 acre-ft, June 1, 1983, elevation, 5,956.55 ft; minimum since reservoir first filled, 30,772 acre-ft, January 31, February 1, 1978, elevation, 5,853.60 ft.

EXTREMES (at 0800) FOR CURRENT YEAR.--Maximum contents observed, 236,199 acre-ft, July 19, elevation, 5,951.48 ft; minimum observed, 66,843 acre-ft, October 31, November 4, elevation, 5,884.42 ft.

Capacity table (elevation, in feet, and contents, in acre-feet)
(Based on table provided by U.S. Bureau of Reclamation, dated July 1971)

5,850	27,915	5,880	60,185	5,910	115,865	5,940	197,630
5,860	36,470	5,890	76,008	5,920	140,141	5,950	231,005
5,870	47,090	5,900	94,535	5,930	167,355	5,960	267,386

RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY OBSERVATION AT 0800 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	67677	---	---	81099	---	148203	201911	---	226429	204403
2	---	66890	---	---	74659	81404	---	152613	203981	---	225121	---
3	67265	---	67772	68774	75152	81946	114435	155614	206031	232507	223749	---
4	---	66843	---	---	---	82254	115160	158094	208191	232682	222519	---
5	67265	---	---	---	---	82544	116025	160374	210331	233278	---	204046
6	---	---	68168	68790	75888	82708	117055	162391	212219	233699	---	203981
7	67220	67282	---	---	---	82890	118206	164112	213616	234050	219155	203916
8	---	---	68216	---	76349	83109	119667	165729	214717	---	218041	203819
9	---	67204	---	69271	---	83603	120741	167069	215620	---	217030	---
10	---	---	68232	---	76780	86797	121610	168157	216661	235070	215956	---
11	67172	---	---	70144	---	90244	122766	169308	217940	235599	214750	203657
12	67157	---	---	---	---	92246	124002	170493	219460	235881	---	203592
13	---	---	68359	70583	77439	93841	125629	171597	220850	235952	---	203559
14	67125	---	---	---	---	95300	127100	172500	221599	235987	211323	203527
15	---	---	68375	---	77875	96846	128314	173319	222382	---	210199	203495
16	---	67393	---	---	---	98429	129438	174112	223476	---	209324	---
17	67031	---	68423	---	78172	99700	130420	174906	223852	236057	208552	---
18	---	67472	---	72875	---	100921	131308	175851	224023	236128	207699	203333
19	67031	---	---	---	---	102508	132125	177126	224126	236199	---	203300
20	---	---	68437	---	---	103900	132896	178617	224537	236057	---	203365
21	66984	67472	68519	---	78752	105562	133695	180296	224743	235987	205509	203300
22	---	---	---	---	78928	106744	134296	182107	225912	---	205183	203236
23	---	67440	---	73646	---	107871	135024	183960	226153	---	205086	---
24	66952	---	---	---	---	108830	136033	185672	226429	235211	205053	---
25	---	---	---	---	79493	109531	137224	187271	226877	234894	204988	203106
26	66937	---	---	73965	---	110125	138575	188817	227499	234226	---	203009
27	---	---	68646	74100	80400	110700	140012	190528	228260	233032	---	202944
28	66890	---	---	---	---	111253	141703	192217	229404	231773	204695	202847
29	---	67677	---	---	---	111765	143319	193947	230273	---	204598	202750
30	---	---	68678	---	---	112255	145604	195751	230935	---	204500	---
31	66843	---	---	74303	---	112747	---	197681	---	227706	204435	---
MAX	---	---	---	---	---	112747	---	197681	230935	---	---	---
MIN	---	---	---	---	---	81099	---	148203	201911	---	---	---
a	5884.42			5889.00		5908.62	5922.09	5940.01	5949.98	5949.05	5942.11	
b	-487						+32857	+52077	+33254	-3229	-23271	

a Elevation, in feet, at end of month.
b Change in contents, in acre-feet.

PYRAMID AND WINNEMUCCA LAKES BASIN

10344400 LITTLE TRUCKEE RIVER ABOVE BOCA RESERVOIR, NEAR TRUCKEE, CA

LOCATION.--Lat 39°26'09", long 120°05'00", in SW $^1/_4$ SW $^1/_4$ sec.3, T.18 N., R.17 E., Nevada County, Hydrologic Unit 16050102, on left bank, 1 mi upstream from Boca Reservoir, 1.5 mi upstream from Dry Creek, 3.0 mi downstream from Stampede Dam, and 5.5 mi northeast of Truckee.

DRAINAGE AREA.--146 mi^2.

PERIOD OF RECORD.--June 1903 to October 1910, September 1939 to current year. Monthly discharge only for some periods, published in WSP 1314 and 1734. Published as "at Pine Station," June 1903 to December 1907, as "at Starr," January 1908 to October 1910, and as "near Boca," September 1939 to September 1976.

REVISED RECORDS.--WSP 1564: 1903-4, 1906-7, 1910, drainage area at site used in 1903-7.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 5,618.67 ft above sea level (U.S. Bureau of Reclamation Benchmark). June 1903 to October 1910, nonrecording gages at different sites and datums.

REMARKS.--Records excellent except for estimated daily discharges, which are good. Flow regulated by Independence Lake (station 10342900) since 1939 and Stampede Reservoir (station 10344300) since 1969. There is one transbasin diversion to Sierra Valley. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29	28	28	27	44	42	56	89	259	531	758	35
2	29	29	28	27	44	58	60	82	255	543	756	34
3	29	28	31	27	40	94	63	70	256	554	758	34
4	30	28	32	27	38	92	66	63	254	564	757	34
5	30	32	30	27	37	92	67	59	253	546	679	34
6	29	32	30	28	37	90	68	57	250	534	606	33
7	29	51	30	29	36	88	70	54	250	513	605	33
8	28	49	e30	27	36	88	66	88	250	480	605	33
9	27	29	e30	33	36	170	59	194	248	493	605	33
10	27	30	e29	50	36	212	56	281	246	438	605	33
11	27	30	29	39	35	151	55	281	246	406	605	33
12	27	30	29	36	34	134	56	281	287	415	604	33
13	27	29	28	44	34	125	63	281	521	419	606	32
14	28	29	e28	60	33	123	57	283	684	419	609	29
15	28	29	28	45	e33	122	54	288	689	420	505	28
16	27	29	28	37	e32	117	52	285	693	419	383	28
17	27	30	28	33	31	113	49	285	693	420	382	28
18	27	29	27	32	32	118	48	284	692	410	382	28
19	27	30	e27	31	33	113	45	281	688	427	382	28
20	27	29	27	30	34	110	46	280	681	425	381	30
21	27	29	27	29	36	69	45	281	683	419	269	32
22	27	29	e27	29	38	60	44	279	683	413	115	32
23	27	29	e27	29	42	62	45	275	683	403	43	33
24	27	27	27	31	41	51	47	276	682	392	37	33
25	27	30	27	29	42	49	49	272	684	461	36	33
26	27	29	27	29	41	47	50	267	689	688	36	33
27	27	28	27	28	41	46	53	267	543	803	36	33
28	27	28	27	28	41	45	53	267	456	819	35	33
29	27	e28	27	28	---	45	56	263	489	825	35	32
30	27	28	e27	29	---	48	57	264	518	797	35	32
31	27	---	e27	33	---	50	---	264	---	773	35	---
TOTAL	856	915	874	1011	1037	2824	1655	6841	14505	16169	12285	959
MEAN	27.6	30.5	28.2	32.6	37.0	91.1	55.2	221	483	522	396	32.0
MAX	30	51	32	60	44	212	70	288	693	825	758	35
MIN	27	27	27	27	31	42	44	54	246	392	35	28
AC-FT	1700	1810	1730	2010	2060	5600	3280	13570	28770	32070	24370	1900

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1968, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	76.0	83.5	123	87.3	131	170	399	543	310	78.1	29.8	25.8
MAX	394	630	725	264	835	374	855	1304	1045	433	180	76.5
(WY)	1963	1951	1965	1956	1963	1967	1952	1952	1967	1967	1940	1959
MIN	13.5	13.0	11.6	9.45	22.0	39.0	106	171	45.7	6.06	4.45	5.93
(WY)	1962	1940	1960	1962	1948	1948	1961	1961	1954	1949	1949	1948

SUMMARY STATISTICS	WATER YEARS 1939 - 1968	
ANNUAL MEAN	170	
HIGHEST ANNUAL MEAN	321	1952
LOWEST ANNUAL MEAN	58.9	1961
HIGHEST DAILY MEAN	8810	Feb 1 1963
LOWEST DAILY MEAN	3.0	Nov 30 1954
ANNUAL SEVEN-DAY MINIMUM	4.0	Jul 17 1949
INSTANTANEOUS PEAK FLOW	13300	Feb 1 1963
INSTANTANEOUS PEAK STAGE	9.00	Feb 1 1963
ANNUAL RUNOFF (AC-FT)	123200	
10 PERCENT EXCEEDS	454	
50 PERCENT EXCEEDS	70	
90 PERCENT EXCEEDS	13	

10344400 LITTLE TRUCKEE RIVER ABOVE BOCA RESERVOIR, NEAR TRUCKEE, CA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1969 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	80.7	43.4	69.6	75.0	63.8	122	297	554	336	163	119	56.1
MAX	503	132	711	349	149	368	923	1373	1733	1301	573	359
(WY)	1974	1975	1984	1984	1975	1983	1986	1969	1983	1983	1975	1971
MIN	.56	.75	2.85	16.7	10.6	13.8	25.6	30.6	28.1	24.1	1.65	.47
(WY)	1970	1970	1970	1980	1970	1970	1970	1988	1988	1981	1969	1969

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1969 - 1995	
ANNUAL TOTAL	67865		59931			
ANNUAL MEAN	186		164		166	
HIGHEST ANNUAL MEAN					427	1983
LOWEST ANNUAL MEAN					53.4	1992
HIGHEST DAILY MEAN	1210	May 19	825	Jul 29	2460	Jun 9 1982
LOWEST DAILY MEAN	27	Sep 13	27	Oct 9	.30	Sep 16 1969
ANNUAL SEVEN-DAY MINIMUM	27	Oct 16	27	Oct 16	.31	Sep 15 1969
INSTANTANEOUS PEAK FLOW			853	Jul 28	13300	Feb 1 1963
INSTANTANEOUS PEAK STAGE			2.47	Jul 28	9.00	Feb 1 1963
ANNUAL RUNOFF (AC-FT)	134600		118900		119900	
10 PERCENT EXCEEDS	794		544		463	
50 PERCENT EXCEEDS	31		43		44	
90 PERCENT EXCEEDS	27		27		27	

PYRAMID AND WINNEMUCCA LAKES BASIN

10344490 BOCA RESERVOIR NEAR TRUCKEE, CA

LOCATION.--Lat 39°23'20", long 120°05'43", in NE $^1/_4$ NW $^1/_4$ sec.28, T.18 N., R.17 E., Nevada County, Hydrologic Unit 16050102, in control house at Boca Dam on Little Truckee River, 1,800 ft upstream from mouth, and 6.3 mi northeast of Truckee.

DRAINAGE AREA.--172 mi^2.

PERIOD OF RECORD.--December 1938 to current year. Prior to October 1976 published as "at Boca." Monthend contents only for December 1938 to September 1957, published in WSP 1734.

REVISED RECORDS.--WSP 1634: Drainage area.

GAGE.--Pressure gage with mercury column read most days. Datum of gage is sea level (levels by U.S. Bureau of Reclamation).

REMARKS.--Reservoir is formed by earthfill, rock-faced dam. Storage began December 8, 1938. Usable capacity, 40,868 acre-ft between elevations 5,521 ft, outlet sill, and 5,605 ft, top of spillway gates. Elevation of spillway (gate open) is 5,589.01 ft. Dead contents, 241 acre-ft. Records, including extremes, represent usable contents at 0800 hours. Water is used for irrigation in the State of Nevada and for power development. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

COOPERATION.--Records and capacity table were provided by U.S. Bureau of Reclamation; not rounded to U.S. Geological Survey standards.

EXTREMES (at 0800) FOR PERIOD OF RECORD.--Maximum contents, 41,440 acre-ft, December 23, 1955, elevation, 5,605.55 ft; minimum, 37 acre-ft, March 4-9, 1955, elevation, 5,521.65 ft.

EXTREMES (at 0800) FOR CURRENT YEAR.--Maximum contents observed, 39,176 acre-ft, July 10, 11, elevation, 5,603.25 ft; minimum, 5,775 acre-ft, October 1, elevation, 5,552.40 ft.

Capacity table (elevation, in feet, and contents in acre-feet)
(Based on table provided by U.S. Bureau of Reclamation, dated November 1970)

5,540	2,356	5,570	13,768
5,545	3,513	5,580	20,002
5,550	4,970	5,590	27,488
5,555	6,725	5,600	36,128
5,560	8,778	5,605	40,868

RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY OBSERVATION AT 0800 HOURS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5775	---	7797	9157	13213	16854	31307	34898	34224	38462	36913	37146
2	5828	7250	7859	9202	---	17074	31656	35169	34224	38367	37006	36821
3	5881	---	7880	9248	13600	17422	31936	35169	34313	38320	37193	36404
4	---	7330	7921	---	13740	17742	---	35124	34403	38414	37379	36128
5	6005	7370	7963	9293	13880	18066	32675	34988	34492	38509	37613	35853
6	---	7410	---	9429	14021	18392	33026	35079	34717	38604	37520	35579
7	6131	7450	7817	9497	---	18689	33423	35169	34943	38652	37473	35351
8	6185	7551	---	9611	14306	18921	33511	35169	35124	38842	37426	35169
9	6240	7612	7735	9726	---	19390	33556	35306	35351	38985	37426	34853
10	6295	7653	7817	---	14565	20730	---	35670	35579	39176	37435	34492
11	---	7653	7900	10266	14681	22298	33511	35579	35807	39176	37295	34224
12	6406	7653	7984	---	14798	23216	33467	35442	35990	38985	37426	34000
13	---	7653	---	10626	14915	23814	33733	35442	35579	38937	37567	33778
14	6499	7673	8068	10921	---	24496	34000	35442	35397	38890	37801	33556
15	6536	---	---	11219	15180	25111	34179	35397	35442	38320	38131	33335
16	6574	7694	8194	11471	---	25655	34313	35397	35488	37707	38178	33114
17	6611	---	8258	11675	15328	26166	34448	35397	35351	37193	38131	32894
18	---	7714	8322	11829	15387	26683	34582	35351	35079	36821	38131	32675
19	6687	7714	8387	---	15447	27205	34672	35306	34943	36682	38131	32414
20	---	7714	---	12011	15537	27732	34762	35215	34943	36450	38084	32196
21	6763	7735	8494	12115	15627	28346	34762	35124	35124	36266	38131	31936
22	6802	---	---	12220	15747	28760	34800	35079	35488	36312	37895	31699
23	6830	7735	8625	12325	---	29135	34800	35034	36036	36358	37600	31438
24	6878	7735	8668	---	16020	29386	34800	34943	36589	36404	37613	31177
25	---	7756	8734	12511	16203	29639	---	34853	37146	36404	37520	30918
26	6959	7756	8800	---	16357	29892	34853	34762	37801	36404	37426	30660
27	---	7756	8844	12671	16542	30147	34762	34672	38367	36312	37379	30360
28	7034	7776	8911	12751	---	30403	34762	34537	38557	36358	37333	29977
29	7073	---	---	12832	---	30574	34762	34403	38509	36450	37239	29639
30	7112	7797	9045	12940	---	30789	34762	34224	38557	36682	37239	29302
31	7151	---	9112	---	---	31004	---	34224	---	36821	37193	---
MAX	---	---	---	---	---	31004	---	35670	38557	39176	38178	37146
MIN	---	---	---	---	---	16854	---	34224	34224	36266	36913	29302
a	5556.10	5557.70	5560.75			5594.20	5598.50	5597.90	5602.60	5600.74	5601.15	5592.20
b	+1428	+646	+1315				+3758	-538	+4333	-1736	+372	-7891

WTR YR 1995 b +23579

a Elevation, in feet, at end of month.
b Change in contents, in acre-feet.

PYRAMID AND WINNEMUCCA LAKES BASIN

10344500 LITTLE TRUCKEE RIVER BELOW BOCA DAM, NEAR TRUCKEE, CA

LOCATION.--Lat 39°23'13", long 120°05'40", in NE $^1/_4$ NW $^1/_4$ sec.28, T.18 N., R.17 E., Nevada County, Hydrologic Unit 16050102, on right bank, 800 ft upstream from mouth, 1,000 ft downstream from Boca Dam, and 6.2 mi northeast of Truckee.

DRAINAGE AREA.--173 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April to October 1890 (monthly discharge only), January 1911 to September 1915, January 1939 to current year. Prior to October 1976 published as "at Boca." Monthly discharge only for January 1939 to September 1957, published in WSP 1734.

REVISED RECORDS.--WDR CA-79-3: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 5,500 ft above sea level, from topographic map. January 1, 1911, to September 30, 1915, nonrecording gage at site 650 ft downstream at different datum. January 1939 to September 1957, records computed from daily log of rated settings of needle valve in dam, and from computed flow over spillway.

REMARKS.--Records good except estimated periods, which are fair. Flow regulated by Boca Reservoir (station 10344490) since 1938, Independence Lake (station 10342900) since 1939, and Stampede Reservoir (station 10344300) since 1969. There is one transmountain diversion to Sierra Valley of about 6,000 acre-ft per year. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	22	.00	.00	.00	.42	177	e291	e600	709	151
2	.00	.00	23	.00	.00	.00	.45	197	e238	e600	677	207
3	.00	.00	24	.00	.00	.00	.50	197	e200	e553	654	206
4	.00	.00	25	.00	.00	.00	.48	198	e200	e530	651	190
5	.00	.00	59	.00	.00	.00	.48	140	e166	e516	641	178
6	.00	.00	87	.00	.00	.00	.47	104	e145	497	624	165
7	.00	9.6	87	.00	.00	.00	98	104	e145	442	622	125
8	.00	.00	55	.00	.00	.00	174	104	e145	400	601	153
9	.00	.00	.00	.00	.00	.11	174	105	e145	400	588	219
10	.00	13	.00	.03	.00	.39	174	256	e145	401	644	190
11	.00	22	.00	.00	.00	.58	174	336	e145	481	568	155
12	.00	22	.00	.00	.00	.41	108	334	e345	465	521	141
13	.00	22	.00	.00	.00	.23	50	335	e756	469	491	140
14	.00	22	.00	.00	.00	.13	50	339	e732	571	449	140
15	.00	22	.00	.00	.00	.03	50	339	e725	765	414	140
16	.00	22	.00	.00	.00	.00	50	339	e725	745	401	140
17	.00	22	.00	.00	7.0	.00	50	339	e847	644	390	144
18	.00	22	.00	.00	11	.08	50	339	e819	562	384	156
19	.00	22	.00	.00	11	.13	50	339	e746	531	384	156
20	.00	22	.00	.00	11	.27	78	339	e667	530	372	156
21	.00	22	.00	.00	4.9	.24	95	339	e550	443	347	155
22	.00	22	.00	.00	.00	.26	95	339	e433	376	274	163
23	.00	22	.00	.00	.00	.22	95	339	e400	376	114	168
24	.00	22	.00	.00	.00	.14	95	339	e400	375	76	168
25	.00	22	.00	.00	.00	.07	95	339	e400	448	68	168
26	.00	22	.00	.00	.00	.02	126	339	e400	691	68	176
27	.00	22	.00	.00	.00	.08	147	339	e400	804	68	193
28	.00	22	.00	.00	.00	.13	147	339	e467	784	62	211
29	.00	22	.00	.00	---	.14	147	339	e500	740	43	206
30	.00	22	.00	.00	---	.20	148	308	e538	708	34	206
31	.00	---	.00	.00	---	.31	---	291	---	709	49	---
TOTAL	0.00	462.60	382.00	0.03	44.90	4.17	2522.80	8610	12815	17156	11988	5066
MEAN	.000	15.4	12.3	.001	1.60	.13	84.1	278	427	553	387	169
MAX	.00	22	87	.03	11	.58	174	339	847	804	709	219
MIN	.00	.00	.00	.00	.00	.00	.42	104	145	375	34	125
AC-FT	.00	918	758	.06	89	8.3	5000	17080	25420	34030	23780	10050

e Estimated

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1911 - 1915, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	22.8	38.1	29.2	83.4	75.5	196	721	790	582	169	36.5	26.3
MAX	34.2	58.4	39.3	283	173	558	1367	1260	1211	435	66.3	35.7
(WY)	1915	1913	1914	1914	1914	1914	1914	1911	1911	1911	1911	1912
MIN	14.1	28.4	23.2	20.5	28.4	56.3	106	379	212	50.7	20.1	14.4
(WY)	1914	1915	1912	1913	1912	1912	1912	1912	1913	1912	1915	1915

SUMMARY STATISTICS	WATER YEARS 1911 - 1915	
ANNUAL MEAN	193	
HIGHEST ANNUAL MEAN	387	1914
LOWEST ANNUAL MEAN	94.7	1912
HIGHEST DAILY MEAN	2360	Apr 15 1914
LOWEST DAILY MEAN	.00	Sep 26 1911
ANNUAL SEVEN-DAY MINIMUM	.00	Sep 26 1911
ANNUAL RUNOFF (AC-FT)	140100	
10 PERCENT EXCEEDS	800	
50 PERCENT EXCEEDS	49	
90 PERCENT EXCEEDS	16	

10344500 LITTLE TRUCKEE RIVER BELOW BOCA DAM, NEAR TRUCKEE, CA--Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 1969, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	89.7	106	144	156	160	132	264	426	315	159	146	120
MAX	303	611	856	649	606	442	808	1647	974	389	408	414
(WY)	1968	1951	1951	1965	1963	1967	1952	1952	1967	1967	1958	1952
MIN	.000	.12	.20	.000	.000	.000	.000	.000	.000	.000	.000	.000
(WY)	1940	1967	1960	1939	1939	1939	1939	1939	1939	1939	1939	1939

SUMMARY STATISTICS	WATER YEARS 1939 - 1969	
ANNUAL MEAN	190	
HIGHEST ANNUAL MEAN	435	1952
LOWEST ANNUAL MEAN	65.8	1961
HIGHEST DAILY MEAN	5520	Dec 24 1955
LOWEST DAILY MEAN	.00	Jan 1 1939
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1 1939
INSTANTANEOUS PEAK FLOW	8800	Dec 24 1955
ANNUAL RUNOFF (AC-FT)	137700	
10 PERCENT EXCEEDS	430	
50 PERCENT EXCEEDS	107	
90 PERCENT EXCEEDS	.02	

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1970 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	105	72.2	95.4	82.2	67.2	110	259	476	309	200	157	107
MAX	441	327	568	410	256	470	975	1148	1788	1131	585	418
(WY)	1972	1984	1984	1984	1975	1983	1986	1985	1983	1983	1975	1971
MIN	.000	.020	.11	.001	1.60	.13	.39	.31	2.63	.75	13.6	.55
(WY)	1995	1991	1978	1995	1995	1995	1988	1988	1977	1981	1984	1970

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1970 - 1995	
ANNUAL TOTAL	73051.80		59051.50			
ANNUAL MEAN	200		162		171	
HIGHEST ANNUAL MEAN					470	1983
LOWEST ANNUAL MEAN					55.6	1992
HIGHEST DAILY MEAN	1210	May 19	847	Jun 17	2240	Jun 2 1983
LOWEST DAILY MEAN	.00	Sep 13	.00	Oct 1	.00	Sep 13 1994
ANNUAL SEVEN-DAY MINIMUM	.00	Sep 13	.00	Oct 1	.00	Sep 13 1994
INSTANTANEOUS PEAK FLOW			Unknown	Jun 17	2520	Jul 17 1983
INSTANTANEOUS PEAK STAGE			Unknown	Jun 17	6.11	Jul 17 1983
ANNUAL RUNOFF (AC-FT)	144900		117100		123600	
10 PERCENT EXCEEDS	918		530		437	
50 PERCENT EXCEEDS	52		24		74	
90 PERCENT EXCEEDS	.00		.00		.53	

10344500 LITTLE TRUCKEE RIVER BELOW BOCA DAM NEAR TRUCKEE, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--
WATER TEMPERATURE: April 1993 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: April 1993 to current year.

INSTRUMENTATION.--Water-temperature recorder since April 1993.

REMARKS.--Records good. Water temperature is affected by regulation from Boca Dam. There was no flow at the station October 1 to November 10, December 8 to February 17, February 21 to March 9, and March 15-19. Missing record June 1 to July 5 was due to a power failure to the equipment.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum recorded, 19.5°C, July 20, 24, 1994; minimum recorded, 2.0°C, November 26, 1994, March 22, 23, 1995.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum recorded, 14.0°C, several days; minimum recorded, 2.0°C, Nov. 26, Mar. 22, 23.

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	---	---	3.5	3.0	---	---	---	---	---	---
2	---	---	---	---	4.0	3.0	---	---	---	---	---	---
3	---	---	---	---	3.5	3.0	---	---	---	---	---	---
4	---	---	---	---	3.5	3.0	---	---	---	---	---	---
5	---	---	---	---	3.5	3.5	---	---	---	---	---	---
6	---	---	---	---	3.5	3.0	---	---	---	---	---	---
7	---	---	---	---	3.5	3.0	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	6.0	3.5
11	---	---	7.0	6.0	---	---	---	---	---	---	6.5	3.5
12	---	---	6.5	5.5	---	---	---	---	---	---	8.0	4.5
13	---	---	6.0	5.0	---	---	---	---	---	---	7.0	6.0
14	---	---	5.5	5.0	---	---	---	---	---	---	8.0	6.0
15	---	---	5.5	5.0	---	---	---	---	---	---	---	---
16	---	---	5.0	4.5	---	---	---	---	---	---	---	---
17	---	---	4.5	4.0	---	---	---	---	---	---	---	---
18	---	---	4.0	3.0	---	---	---	---	5.5	4.0	---	---
19	---	---	4.0	3.0	---	---	---	---	5.5	3.5	8.5	6.5
20	---	---	4.0	3.0	---	---	---	---	5.5	3.5	8.0	4.0
21	---	---	4.0	3.0	---	---	---	---	---	---	5.5	4.0
22	---	---	3.5	3.0	---	---	---	---	---	---	4.0	2.0
23	---	---	3.5	3.0	---	---	---	---	---	---	4.0	2.0
24	---	---	4.0	3.0	---	---	---	---	---	---	4.5	3.5
25	---	---	3.5	3.0	---	---	---	---	---	---	5.0	4.0
26	---	---	3.0	2.0	---	---	---	---	---	---	6.0	4.5
27	---	---	3.5	2.5	---	---	---	---	---	---	6.5	3.5
28	---	---	3.5	2.5	---	---	---	---	---	---	7.0	4.0
29	---	---	3.5	2.5	---	---	---	---	---	---	8.0	5.0
30	---	---	3.5	2.5	---	---	---	---	---	---	7.5	5.5
31	---	---	---	---	---	---	---	---	---	---	8.0	6.0
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

PYRAMID AND WINNEMUCCA LAKES BASIN

10344500 LITTLE TRUCKEE RIVER BELOW BOCA DAM NEAR TRUCKEE, CA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	11.5	7.0	7.5	7.0	---	---	---	---	13.5	12.5	13.0	12.0
2	11.0	7.0	7.5	7.0	---	---	---	---	13.5	12.5	13.0	12.5
3	9.5	7.5	7.5	7.0	---	---	---	---	13.0	12.5	13.5	12.5
4	11.0	7.5	7.5	7.0	---	---	---	---	13.0	12.5	13.0	12.5
5	11.0	8.0	7.5	7.0	---	---	---	---	13.0	12.5	13.0	12.5
6	10.0	8.5	7.5	7.0	---	---	12.0	10.0	13.0	12.0	13.0	12.5
7	8.5	5.0	7.5	7.0	---	---	11.0	10.0	13.5	12.0	13.0	12.5
8	6.0	5.0	8.0	7.0	---	---	10.5	10.0	13.0	12.5	13.0	12.5
9	6.0	5.5	7.5	7.0	---	---	11.5	10.0	12.5	12.5	13.0	12.5
10	6.0	5.5	8.0	7.5	---	---	11.0	10.5	13.5	12.5	13.0	12.5
11	6.0	5.5	8.0	7.5	---	---	11.0	10.5	13.0	12.5	13.0	12.5
12	6.5	5.5	8.0	7.5	---	---	11.0	10.5	13.0	12.5	13.0	12.5
13	6.5	5.5	8.0	7.5	---	---	11.0	10.5	13.0	12.0	13.0	12.5
14	6.5	5.5	7.5	7.5	---	---	11.0	10.5	13.0	12.0	13.0	12.5
15	6.0	5.5	8.0	7.5	---	---	11.5	11.0	12.5	12.0	13.5	12.5
16	7.0	6.0	7.5	7.5	---	---	11.5	11.0	13.0	12.0	13.5	12.5
17	6.5	6.0	8.0	7.5	---	---	11.5	11.0	12.5	12.0	13.5	13.0
18	6.5	6.0	8.0	7.5	---	---	12.5	11.0	12.5	12.0	13.5	13.0
19	7.0	6.0	8.0	7.5	---	---	12.0	11.5	12.5	12.0	13.0	13.0
20	6.5	6.0	8.5	7.5	---	---	12.5	11.5	12.5	12.0	13.5	13.0
21	7.0	6.5	8.0	8.0	---	---	12.5	11.5	12.5	12.0	13.5	13.0
22	7.0	6.5	8.0	8.0	---	---	13.0	12.0	12.5	12.0	13.5	13.0
23	7.0	6.5	8.0	8.0	---	---	13.0	12.0	12.5	12.0	13.5	13.0
24	7.0	6.5	8.5	7.5	---	---	13.0	12.5	13.0	12.0	13.5	13.0
25	7.0	6.5	8.5	8.0	---	---	13.5	12.5	13.0	12.0	14.0	13.0
26	7.0	6.5	8.5	8.0	---	---	14.0	12.5	13.0	12.0	13.5	13.0
27	7.0	6.5	8.5	8.0	---	---	14.0	13.0	13.0	12.0	14.0	13.0
28	7.0	6.5	8.5	8.0	---	---	14.0	13.0	13.0	12.0	14.0	13.0
29	7.0	6.5	8.5	8.0	---	---	14.0	13.0	13.5	12.0	14.0	13.0
30	7.5	7.0	8.5	8.0	---	---	14.0	13.0	13.5	12.0	13.5	13.5
31	---	---	8.5	8.0	---	---	13.5	13.0	13.0	12.0	---	---
MONTH	11.5	5.0	8.5	7.0	---	---	---	---	13.5	12.0	14.0	12.0

PYRAMID AND WINNEMUCCA LAKES BASIN

10345700 BRONCO CREEK AT FLORISTON, CA

LOCATION.--Lat 39°23'02", long 120°01'11", in SE $^1/_4$ NW $^1/_4$ sec.31, T.18 N., R.18 E., Nevada County, Hydrologic Unit 16050102, on right bank, 80 ft upstream from railroad bridge, 200 ft upstream from mouth, and 0.7 mi north of Floriston.

DRAINAGE AREA.--15.4 mi^2.

PERIOD OF RECORD.--April 1993 to current year.
WATER TEMPERATURE: April 1993 to September 1994.

GAGE.--Water-stage recorder. Elevation of gage is 5,350 ft above sea level, from topographic map.

REMARKS.--Records fair. No storage or diversion upstream from station. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.9	5.7	4.9	4.2	8.8	6.5	10	26	44	89	37	14
2	3.6	5.6	4.9	4.2	8.1	6.3	11	26	35	92	38	13
3	3.5	4.4	5.1	4.2	6.7	7.0	11	24	36	90	34	14
4	4.0	5.4	5.2	4.2	6.4	6.3	12	24	48	103	32	14
5	4.1	7.0	5.0	4.2	6.3	6.1	12	23	43	152	31	14
6	4.0	7.1	4.9	4.1	6.1	5.7	13	22	32	126	31	13
7	3.9	6.3	e5.0	4.8	5.9	5.9	13	21	28	132	31	12
8	3.7	6.0	e5.0	4.2	5.9	5.7	12	21	15	95	31	12
9	3.6	6.2	e5.0	4.9	5.7	14	12	21	13	101	30	13
10	3.6	6.7	e5.0	7.0	5.6	20	12	22	22	78	29	12
11	3.6	6.8	5.1	5.5	5.6	19	12	25	34	81	28	12
12	3.5	6.6	4.9	5.0	5.5	14	13	25	63	79	26	12
13	3.6	e6.4	4.9	5.9	5.5	12	14	24	69	83	24	12
14	3.7	e6.2	e4.8	7.4	5.5	11	13	24	58	73	23	13
15	3.7	e5.9	4.6	6.0	e5.4	12	13	24	86	66	23	13
16	3.8	e5.6	4.7	5.3	e5.2	12	13	25	66	69	22	14
17	4.1	e5.3	4.7	e8.0	5.1	11	12	27	56	62	22	15
18	4.1	e5.0	4.6	4.7	5.1	12	12	32	53	72	21	15
19	4.1	e4.7	4.4	e4.6	5.4	11	11	39	49	63	18	15
20	4.1	e4.4	4.5	e4.5	5.7	11	11	41	46	59	18	15
21	4.2	e4.1	4.5	4.4	6.1	11	11	48	47	57	18	15
22	4.3	e4.0	4.4	4.4	6.4	11	11	50	60	52	18	14
23	4.2	e4.0	e4.4	4.4	6.5	11	12	52	68	51	18	14
24	4.4	e4.0	e4.3	4.4	6.8	10	14	54	88	54	15	14
25	4.3	e4.2	4.3	4.4	6.9	9.6	17	51	121	51	15	14
26	4.4	e4.2	4.3	4.3	6.9	10	18	52	137	49	14	14
27	4.5	e4.4	4.3	4.5	6.6	9.3	19	48	115	48	14	14
28	4.8	4.6	4.3	4.9	6.4	9.2	18	47	99	48	14	14
29	4.8	4.7	4.2	5.0	---	9.2	18	40	129	40	13	14
30	5.0	4.8	4.2	5.2	---	9.3	19	39	105	36	13	13
31	5.5	---	e4.2	6.7	---	9.8	---	e42	---	35	13	---
TOTAL	126.6	160.3	144.6	155.5	172.1	317.9	399	1039	1865	2286	714	407
MEAN	4.08	5.34	4.66	5.02	6.15	10.3	13.3	33.5	62.2	73.7	23.0	13.6
MAX	5.5	7.1	5.2	8.0	8.8	20	19	54	137	152	38	15
MIN	3.5	4.0	4.2	4.1	5.1	5.7	10	21	13	35	13	12
AC-FT	251	318	287	308	341	631	791	2060	3700	4530	1420	807

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	5.79	5.66	5.15	4.91	5.73	8.06	11.0	26.9	35.8	33.9	12.0	7.95
MAX	7.49	5.97	5.64	5.02	6.15	10.3	13.3	35.5	62.2	73.7	23.0	13.6
(WY)	1994	1994	1994	1995	1995	1995	1995	1993	1995	1995	1995	1995
MIN	4.08	5.34	4.66	4.81	5.31	5.87	8.63	11.7	6.81	4.05	3.25	3.13
(WY)	1995	1995	1995	1994	1994	1994	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1993 - 1995	
ANNUAL TOTAL	2056.6		7787.0			
ANNUAL MEAN	5.63		21.3		13.7	
HIGHEST ANNUAL MEAN					21.3	1995
LOWEST ANNUAL MEAN					6.06	1994
HIGHEST DAILY MEAN	19	May 11	152	Jul 5	152	Jul 5 1995
LOWEST DAILY MEAN	2.8	Aug 30	3.5	Oct 3	2.8	Aug 30 1994
ANNUAL SEVEN-DAY MINIMUM	2.9	Aug 27	3.6	Oct 8	2.9	Aug 27 1994
INSTANTANEOUS PEAK FLOW			222	Jul 5	222	Jul 5 1995
INSTANTANEOUS PEAK STAGE			4.28	Jul 5	4.28	Jul 5 1995
ANNUAL RUNOFF (AC-FT)	4080		15450		9920	
10 PERCENT EXCEEDS	9.0		55		39	
50 PERCENT EXCEEDS	4.9		12		7.0	
90 PERCENT EXCEEDS	3.1		4.2		4.0	

e Estimated

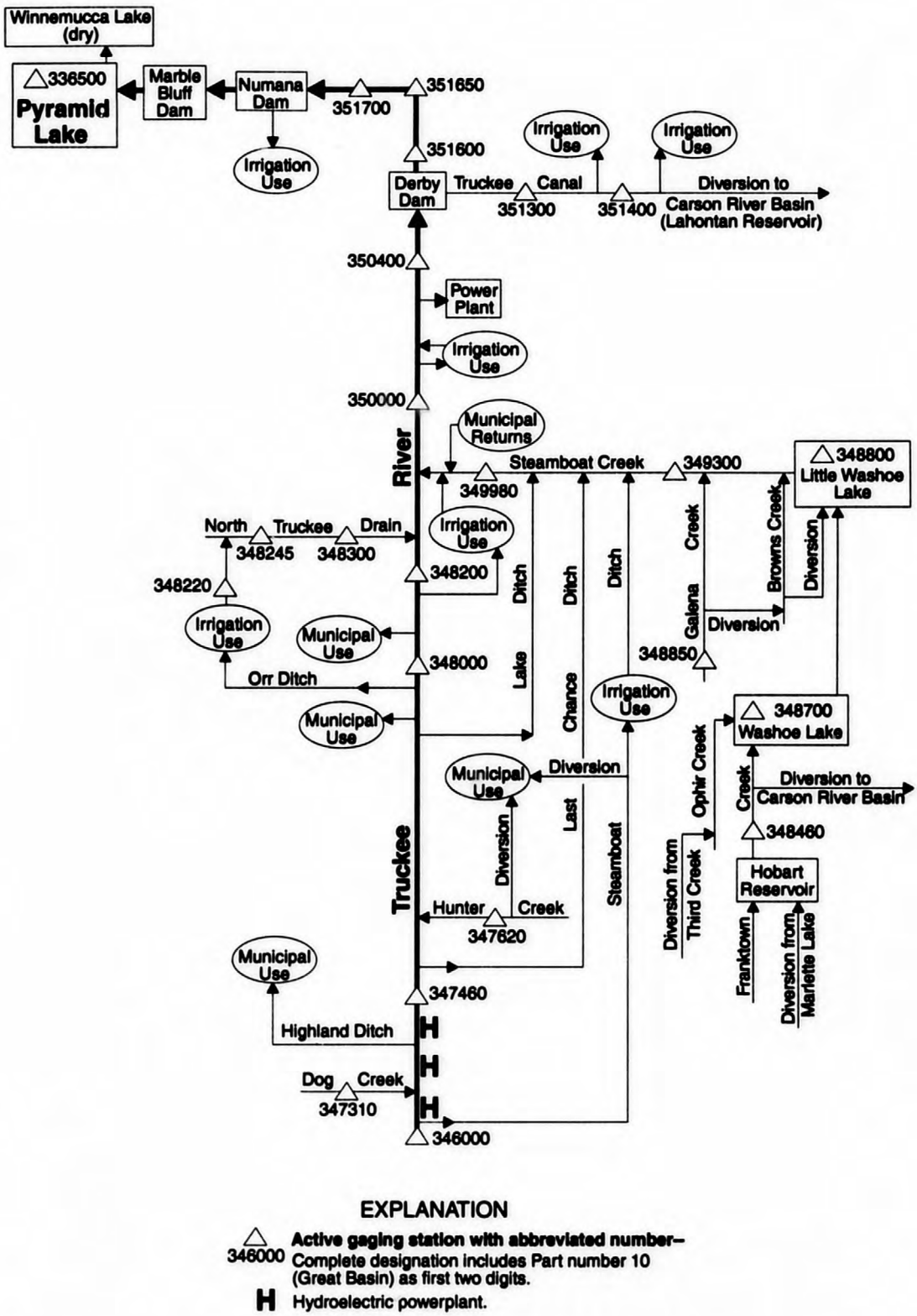


Figure 26. Schematic diagram of flow system and gaging stations in the Pyramid and Winnemucca Lakes Basin downstream of station 346000.

PYRAMID AND WINNEMUCCA LAKES BASIN

10346000 TRUCKEE RIVER AT FARAD, CA

LOCATION.--Lat 39°25'41", long 120°01'59", in SE $^1/_4$ NE $^1/_4$ sec.12, T.18 N., R.17 E., Nevada County, Hydrologic Unit 16050102, on left bank, 0.5 mi upstream from Mystic Canyon, 0.7 mi downstream from Farad Powerplant, 2.5 mi north of Floriston, and 3.5 mi upstream from California-Nevada State line.

DRAINAGE AREA.--932 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--March to October 1890 (monthly discharge only), September 1899 to current year. Monthly discharge only for January 1944 to July 1957, published in WSP 1734. Published as "near Boca," March to October 1890, "at or near Nevada-California State Line," September 1899 to August 1912, and as "at Iceland," August 1912 to December 1937.

REVISED RECORDS.--WSP 1714: Drainage area. WDR CA-88-3: 1906-07 (monthly runoff).

GAGE.--Water-stage recorder. Datum of gage is 5,153.21 ft above sea level (U.S. Bureau of Reclamation benchmark). See WSP 2127 for history of changes prior to August 26, 1957.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Lake Tahoe and Donner, Martis Creek, and Independence Lakes, and Prosser Creek, Stampede, and Boca Reservoirs (stations 10337000, 10338400, 10339380, 10342900, 10340300, 10344300, and 10344490), and by several powerplants. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71	48	100	92	461	458	625	3880	2970	1970	1200	595
2	68	54	105	86	586	468	642	3840	2690	1880	1160	632
3	66	50	122	86	542	588	654	2600	2550	1860	1120	628
4	71	49	157	83	515	574	695	2120	2620	1780	1120	609
5	86	62	194	88	503	550	734	1960	2530	1770	1100	587
6	75	156	249	92	488	506	801	1750	2030	1780	1060	597
7	70	139	229	127	424	411	1040	1630	1570	1740	1040	582
8	69	86	205	147	415	396	1280	1590	1400	1690	1010	578
9	68	73	125	250	396	1640	1150	1580	1270	1690	968	604
10	66	84	122	974	383	2840	1090	1760	1350	1680	999	571
11	70	136	116	898	358	2420	1100	1950	1560	1700	955	532
12	66	131	101	661	355	2230	1000	1810	1830	1650	929	507
13	64	121	97	784	356	1940	940	1690	2410	1530	889	495
14	64	120	95	1460	351	1720	846	1640	2350	1550	840	484
15	63	124	94	932	333	1660	776	1610	2390	1630	787	481
16	62	124	94	676	324	1500	727	1580	2140	1650	775	480
17	62	129	94	598	319	1240	678	1800	2070	1630	774	478
18	60	100	94	578	319	1230	647	1910	2080	1510	759	490
19	59	106	87	535	319	1280	620	2030	2060	1420	748	488
20	58	117	89	464	329	1370	686	2200	1980	1380	732	484
21	58	98	93	372	341	1490	737	2330	1890	1350	706	481
22	58	91	88	355	349	1270	724	2480	1850	1270	712	487
23	56	99	90	339	365	924	744	2620	1950	1180	690	491
24	56	97	96	323	391	841	792	2650	2120	1140	647	488
25	54	99	92	323	438	767	973	2510	2280	1180	625	484
26	50	101	91	305	451	711	1180	2580	2280	1310	623	485
27	48	124	87	283	450	674	1310	2700	2180	1350	617	495
28	44	105	93	271	455	641	1440	2710	2150	1340	604	489
29	44	106	90	264	---	586	1850	2770	2120	1320	581	481
30	44	103	81	265	---	549	2250	2790	2050	1240	557	480
31	43	---	84	304	---	576	---	2880	---	1210	541	---
TOTAL	1893	3032	3554	13015	11316	34050	28731	69950	62720	47380	25868	15763
MEAN	61.1	101	115	420	404	1098	958	2256	2091	1528	834	525
MAX	86	156	249	1460	586	2840	2250	3880	2970	1970	1200	632
MIN	43	48	81	83	319	396	620	1580	1270	1140	541	478
AC-FT	3750	6010	7050	25820	22450	67540	56990	138700	124400	93980	51310	31270

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1909 - 1995, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	381	423	522	545	620	769	1261	1706	1250	648	507	460
MAX	982	2469	3596	3053	2394	4073	3887	5674	5214	2921	1084	1482
(WY)	1972	1984	1984	1984	1986	1986	1952	1952	1983	1983	1975	1983
MIN	51.0	55.6	80.4	77.7	85.3	142	369	349	142	53.9	53.9	47.3
(WY)	1978	1991	1991	1991	1933	1933	1977	1934	1931	1931	1931	1933

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1909 - 1995	
ANNUAL TOTAL	118598		317272			
ANNUAL MEAN	325		869		750	
HIGHEST ANNUAL MEAN					2443	1983
LOWEST ANNUAL MEAN					184	1931
HIGHEST DAILY MEAN	1560	May 12	3880	May 1	13400	Dec 23 1955
LOWEST DAILY MEAN	43	Oct 31	43	Oct 31	37	Sep 15 1933
ANNUAL SEVEN-DAY MINIMUM	46	Oct 26	46	Oct 26	40	Sep 9 1933
INSTANTANEOUS PEAK FLOW			5060	May 1	17500	Nov 21 1950
INSTANTANEOUS PEAK STAGE			7.74	May 1	14.50	Nov 21 1950
ANNUAL RUNOFF (AC-FT)	235200		629300		543400	
10 PERCENT EXCEEDS	1140		2070		1650	
50 PERCENT EXCEEDS	124		597		503	
90 PERCENT EXCEEDS	73		79		190	

PYRAMID AND WINNEMUCCA LAKES BASIN

10346000 TRUCKEE RIVER AT FARAD, CA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--
CHEMICAL DATA: Water years 1951-61, 1964-81, April 1993 to current year. Published as Truckee River at Floriston (station 10345900) January 1964 to September 1971.
BIOLOGICAL DATA: Water years 1975-77.
SPECIFIC CONDUCTANCE: Water years 1964-80, April 1993 to current year.
WATER TEMPERATURE: Water years 1964-81, April 1993 to current year.
SUSPENDED SEDIMENT: Water years 1974, 1978, April 1993 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: January 1964 to September 1980, July 1993 to current year.
WATER TEMPERATURE: January 1964 to September 1981, July 1993 to current year.

INSTRUMENTATION.--Water-quality monitor since July 1993.

REMARKS.--In October 1993, station was incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Pyramid and Winnemucca Lakes Basin. Water temperature and specific conductance are affected by upstream reservoirs and several powerplants. Interruption of record due to recorder malfunction. Records represent water temperature at probe within 0.5°C.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily recorded, 377 microsiemans December 27, 1979; minimum daily recorded, 39 microsiemans December 23, 1964.
WATER TEMPERATURE: Maximum recorded, 23.0°C August 5, 1994; minimum recorded, -0.5°C November 25, 1993.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum recorded, 263 microsiemens January 7; minimum recorded, 55 microsiemens June 27.
WATER TEMPERATURE: Maximum recorded, 18.0°C, August 23, 24; minimum recorded, freezing point on several days during winter months.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)
OCT											
25...	1210	72	211	8.8	18.5	8.5	630	10.6	110	62	0
NOV											
28...	1000	124	160	7.7	--	1.0	635	12.0	101	53	0
DEC											
27...	1000	116	184	7.9	--	2.5	630	11.7	104	59	1
JAN											
24...	1245	340	133	7.8	9.5	5.0	625	11.2	107	42	3
FEB											
23...	1100	389	129	7.4	--	3.5	640	11.8	106	42	1
MAR											
27...	1030	708	116	7.8	4.0	2.0	640	10.5	91	34	0

DATE	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
OCT										
25...	15	5.9	18	1	2.6	85	70	6.5	20	<0.10
NOV										
28...	13	4.9	13	0.8	2.1	67	55	6.3	14	<0.10
DEC										
27...	15	5.2	15	0.9	2.1	71	58	8.8	18	<0.10
JAN										
24...	11	3.6	11	0.7	1.6	48	40	5.8	15	<0.10
FEB										
23...	11	3.5	8.8	0.6	1.5	50	41	5.3	10	<0.10
MAR										
27...	9.0	2.9	8.7	0.6	1.4	42	34	4.4	11	<0.10

10346000 TRUCKEE RIVER AT FARAD, CA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
OCT										
25...	22	127	132	24.7	0.17	<0.010	<0.050	<0.015	<0.20	<0.20
NOV										
28...	20	107	106	35.8	0.15	<0.010	<0.050	<0.015	<0.20	<0.20
DEC										
27...	19	125	118	39.2	0.17	<0.010	<0.050	<0.015	<0.20	<0.20
JAN										
24...	18	92	91	84.5	0.13	<0.010	0.190	0.020	<0.20	<0.20
FEB										
23...	20	91	85	95.6	0.12	<0.010	0.100	<0.015	<0.20	<0.20
MAR										
27...	20	85	79	162	0.12	<0.010	0.140	<0.015	<0.20	<0.20

DATE	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C) (00689)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT										
25...	0.020	<0.010	<0.010	31	9	--	--	--	--	--
NOV										
28...	<0.010	<0.010	<0.010	33	10	1.2	0.20	4	1.3	94
DEC										
27...	0.010	<0.010	<0.010	31	10	1.2	0.10	3	0.94	83
JAN										
24...	<0.010	0.010	<0.010	54	8	1.8	0.40	11	10	69
FEB										
23...	0.010	<0.010	<0.010	65	8	1.7	0.20	7	7.4	53
MAR										
27...	0.010	<0.010	0.010	64	11	1.9	0.30	4	7.6	95

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	222	214	225	217	165	144	202	186	149	123	125	122
2	---	---	228	218	169	159	192	189	126	119	128	124
3	---	---	233	220	169	165	196	187	127	123	128	123
4	---	---	228	215	185	168	197	192	128	127	127	123
5	---	---	215	205	182	141	207	189	129	128	134	127
6	---	---	210	164	141	126	237	187	131	128	143	132
7	---	---	164	150	126	120	263	189	135	131	147	143
8	---	---	190	143	131	114	214	186	136	134	150	147
9	---	---	198	186	173	122	186	156	136	134	150	84
10	---	---	215	192	185	157	156	116	139	135	94	83
11	---	---	195	150	193	178	130	119	140	138	89	84
12	---	---	155	147	182	178	140	129	210	140	88	84
13	---	---	159	147	181	178	141	115	171	151	91	87
14	---	---	163	145	185	166	115	94	178	150	93	88
15	---	---	161	140	189	179	158	102	180	153	91	89
16	---	---	151	140	184	179	131	123	173	158	91	88
17	---	---	153	139	186	181	133	127	178	140	94	90
18	---	---	162	112	188	183	129	127	143	140	94	90
19	---	---	170	117	187	185	130	128	143	141	94	90
20	224	219	182	119	195	185	143	130	142	140	95	90
21	227	221	170	163	191	182	144	142	142	140	93	90
22	228	220	171	165	191	184	145	143	141	137	96	91
23	225	219	179	141	194	176	149	143	138	134	100	96
24	224	218	182	156	197	181	151	148	135	127	103	99
25	223	218	160	138	187	183	151	147	127	124	104	102
26	224	217	155	113	189	185	150	148	125	123	105	103
27	229	223	159	118	192	185	152	148	125	122	107	104
28	231	224	164	113	192	182	155	151	124	122	109	106
29	233	224	162	86	189	183	153	152	---	---	112	108
30	233	223	166	150	192	185	154	152	---	---	115	111
31	228	222	---	---	204	173	154	149	---	---	116	112
MONTH	---	---	233	86	204	114	263	94	210	119	150	83

10346000 TRUCKEE RIVER AT FARAD, CA--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	115	112	75	58	64	60	63	57	71	69	95	86
2	115	112	70	58	68	62	64	58	71	70	87	85
3	116	113	79	69	68	63	64	58	74	70	87	86
4	115	113	80	76	66	62	65	57	72	70	88	86
5	115	107	81	77	67	60	64	59	72	71	88	87
6	108	105	83	80	74	67	63	57	72	71	91	87
7	106	89	84	83	77	74	61	56	72	71	92	90
8	97	88	84	83	80	77	62	56	72	71	92	87
9	101	91	83	81	80	77	63	58	74	72	88	84
10	99	93	82	79	77	71	62	56	74	71	86	84
11	93	92	79	77	71	65	64	58	75	71	88	85
12	109	91	79	76	68	61	67	61	73	71	90	87
13	111	98	83	79	65	60	68	65	74	72	90	89
14	109	103	85	81	66	62	68	66	75	72	91	90
15	110	108	84	81	64	62	66	63	76	73	92	90
16	116	110	84	81	68	63	65	61	76	73	92	91
17	114	113	83	80	68	67	69	61	75	73	92	91
18	116	114	80	77	68	65	83	61	75	73	92	90
19	117	116	78	74	69	63	68	65	75	73	92	91
20	124	104	75	72	71	67	69	67	76	74	92	91
21	109	105	73	70	73	69	69	65	77	75	92	91
22	107	106	72	69	71	68	67	64	87	75	92	91
23	108	105	72	69	69	65	68	65	90	86	91	90
24	107	103	70	68	66	61	77	66	91	89	92	90
25	103	92	72	70	64	59	77	75	91	89	94	91
26	92	87	71	68	65	58	76	71	91	89	92	90
27	90	86	69	65	63	55	72	70	91	89	92	89
28	88	84	69	66	64	57	71	69	92	90	90	87
29	85	74	68	64	64	58	70	67	93	90	90	89
30	76	71	66	63	64	58	70	68	95	92	90	89
31	---	---	65	61	---	---	70	69	96	94	---	---
MONTH	124	71	85	58	80	55	83	56	96	69	95	84

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	15.5	9.5	7.5	5.0	3.0	.0	1.5	.0	6.5	4.5	6.5	5.0
2	---	---	8.5	4.5	5.0	2.0	2.0	.5	4.5	3.0	6.0	5.0
3	---	---	6.5	2.0	6.0	3.5	2.0	.5	4.5	2.5	5.0	2.5
4	---	---	4.0	1.0	4.5	3.5	1.0	.5	4.5	2.5	4.5	1.0
5	---	---	5.5	3.5	4.5	3.0	2.0	.5	4.5	2.5	6.0	3.5
6	---	---	7.0	5.5	3.5	2.5	3.0	1.0	4.5	2.5	5.5	2.5
7	---	---	6.5	5.5	3.0	.5	3.5	2.0	5.5	3.0	5.5	2.5
8	---	---	7.5	5.0	1.0	.0	3.5	2.5	5.0	3.5	6.5	4.0
9	---	---	6.5	4.0	.5	.0	5.0	3.0	5.5	3.5	6.5	2.0
10	---	---	6.0	3.0	.0	.0	4.0	1.0	4.5	2.5	3.0	2.0
11	---	---	6.0	3.5	.5	.0	3.0	1.0	4.5	2.0	5.0	1.5
12	---	---	5.5	2.5	2.0	.5	3.5	2.0	5.0	3.0	5.0	2.5
13	---	---	4.0	.5	2.0	.0	3.5	2.5	4.0	1.0	5.0	3.5
14	---	---	4.0	.5	.5	.0	2.5	1.0	2.5	.0	5.5	3.5
15	---	---	3.0	2.0	2.0	.0	2.5	1.0	2.5	.0	6.5	3.5
16	---	---	2.5	1.0	4.5	1.0	2.0	1.0	3.5	.5	6.5	3.5
17	---	---	2.0	.5	5.0	2.0	3.0	1.0	5.0	2.0	6.5	3.0
18	---	---	1.0	.0	5.5	2.0	4.0	2.5	6.0	3.0	6.0	4.0
19	---	---	.5	.0	3.0	.5	3.0	1.5	6.0	3.0	6.0	3.0
20	11.0	5.0	2.5	.0	2.5	.0	3.0	1.5	6.0	3.0	5.5	2.0
21	11.0	4.5	4.0	1.5	3.0	.5	4.0	2.0	6.5	3.5	4.0	2.0
22	11.0	5.0	3.0	.0	2.0	.0	3.0	2.0	6.0	3.0	2.5	.0
23	10.5	4.5	1.5	.0	1.5	.0	4.0	2.5	6.5	3.5	4.0	.0
24	11.0	6.0	4.0	.0	2.0	.5	4.5	3.0	6.5	3.5	4.5	1.0
25	11.0	5.5	2.5	.0	4.0	1.0	4.5	3.0	6.0	3.5	5.5	1.0
26	10.5	6.0	1.0	.0	4.0	1.5	4.5	3.0	6.0	3.0	5.5	1.0
27	10.5	6.5	1.0	.0	4.0	1.5	3.5	2.5	6.0	3.5	6.0	2.0
28	12.0	6.0	1.0	.0	4.5	3.0	5.0	3.0	6.5	4.5	6.5	2.5
29	10.0	5.0	1.0	.0	4.0	2.5	6.0	3.5	---	---	6.5	2.5
30	9.0	3.0	2.0	.0	3.0	.5	6.0	4.5	---	---	7.0	2.5
31	9.0	3.0	---	---	1.5	.0	7.0	5.0	---	---	7.5	3.5
MONTH	---	---	14.0	.0	6.0	.0	7.0	.0	6.5	.0	7.5	.0

PYRAMID AND WINNEMUCCA LAKES BASIN

10346000 TRUCKEE RIVER AT FARAD, CA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	8.5	5.0	7.0	4.5	10.0	7.5	11.5	8.0	16.0	12.0	17.0	12.5
2	8.0	4.5	7.5	4.5	11.0	7.0	12.0	8.5	15.5	12.5	17.0	12.5
3	8.5	4.0	8.0	5.0	11.0	7.0	12.5	8.5	16.5	12.5	17.5	12.5
4	8.5	4.5	7.5	5.5	11.5	7.5	12.5	8.0	16.5	12.5	16.5	12.0
5	8.5	4.5	7.5	5.5	9.5	7.0	13.0	9.0	16.5	12.5	16.5	11.0
6	7.5	5.0	7.0	5.0	9.0	7.0	13.0	9.0	16.5	12.0	16.5	11.5
7	7.5	5.0	8.0	5.5	9.0	6.0	13.0	9.0	16.0	12.5	16.5	11.5
8	6.0	3.5	9.0	6.0	9.5	6.0	12.0	9.5	15.5	11.5	16.5	11.5
9	6.5	2.5	8.0	6.0	12.0	7.0	13.5	9.5	16.0	11.5	16.5	12.0
10	7.5	3.5	9.0	6.0	12.0	7.5	13.5	9.5	15.5	12.0	16.5	11.5
11	8.0	5.0	8.5	6.5	11.5	6.5	13.5	9.5	15.5	11.5	17.0	12.0
12	8.5	5.0	7.0	5.5	11.5	6.0	13.5	10.0	16.0	11.5	17.5	12.5
13	7.0	4.0	7.5	5.5	10.5	7.0	14.5	9.5	15.5	11.0	17.5	12.5
14	6.5	3.0	8.5	6.0	10.0	7.5	15.0	10.5	16.0	11.0	16.5	12.5
15	6.0	3.5	8.0	6.0	8.5	7.0	14.5	11.0	16.0	11.5	17.0	12.0
16	6.0	3.5	9.5	6.5	9.5	6.5	14.5	11.0	16.0	11.5	17.0	13.0
17	6.0	4.0	9.5	7.5	10.0	8.0	14.0	11.5	15.5	11.5	16.5	11.5
18	5.5	4.5	10.5	7.0	11.0	8.0	14.5	11.5	15.5	10.0	16.5	12.0
19	8.5	4.0	10.5	6.5	11.0	7.0	15.0	11.5	16.0	10.5	17.0	12.5
20	7.5	4.0	10.5	6.0	11.0	7.5	15.5	11.5	16.5	11.5	17.0	12.5
21	8.5	3.5	9.5	6.5	12.0	8.0	15.5	11.5	16.5	12.5	16.0	13.0
22	9.5	4.5	8.5	7.0	12.5	8.5	15.0	11.0	16.0	12.5	16.0	12.5
23	10.0	5.0	9.5	6.5	12.5	8.5	15.0	10.5	18.0	13.5	16.5	12.5
24	10.5	5.5	9.0	7.0	12.5	8.5	15.5	10.5	18.0	13.0	16.0	12.0
25	10.0	6.0	10.0	6.5	12.5	8.5	16.0	11.5	17.5	12.5	16.0	12.0
26	9.0	5.0	10.5	7.0	11.5	8.5	15.5	11.5	17.5	12.0	16.0	12.0
27	8.0	5.5	9.5	7.0	12.0	8.0	16.0	12.0	17.0	12.0	15.5	11.5
28	7.0	5.5	10.5	7.0	12.0	8.0	16.5	13.0	17.0	11.5	15.0	11.0
29	7.5	5.5	10.5	6.5	12.0	8.5	15.5	13.5	17.0	11.5	14.5	11.0
30	7.5	5.0	10.5	7.0	11.5	8.5	15.5	12.0	17.5	11.5	14.5	10.5
31	---	---	11.0	7.0	---	---	16.0	12.0	17.5	12.0	---	---
MONTH	10.5	2.5	11.0	4.5	12.5	6.0	16.5	8.0	18.0	10.0	17.5	10.5

PYRAMID AND WINNEMUCCA LAKES BASIN

10347310 DOG CREEK AT VERDI, NV

LOCATION.--Lat 39°31'28", long 119°59'40", in NE $^1/_4$ SE $^1/_4$ sec. 7, T.19 N, R.18 E., Washoe County, Hydrologic Unit 16050102, on right bank, at bridge on Hill Lane in Verdi, and 500 ft above confluence with Truckee River.

DRAINAGE AREA.--24.2 mi^2, approximately.

PERIOD OF RECORD.--November 1992 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,900 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.65	1.4	1.1	1.3	70	27	85	154	25	5.8	.90	.51
2	.59	1.3	1.3	1.3	48	29	83	89	25	5.3	.84	.51
3	.61	1.2	1.9	1.3	36	45	81	60	24	4.6	.81	.50
4	.77	1.2	2.9	e1.3	33	32	85	54	23	4.2	.79	.49
5	.77	1.5	2.4	1.4	32	31	85	50	22	3.8	.76	.54
6	.69	1.8	1.8	1.3	30	28	85	46	20	3.5	.73	.52
7	.68	1.5	1.5	1.8	29	25	87	42	19	3.3	.74	.50
8	.69	1.3	1.2	4.3	28	24	72	40	17	3.3	.79	.53
9	.68	1.2	1.2	17	25	339	58	38	14	3.1	.73	.57
10	.67	1.3	e1.1	67	23	390	50	37	13	2.8	.69	.65
11	.69	1.3	1.1	28	22	215	49	36	11	2.7	.68	.62
12	.70	1.3	1.2	16	20	124	50	35	11	2.5	.59	.62
13	.68	1.2	1.2	58	18	89	68	35	11	2.4	.60	.61
14	.70	1.2	e1.2	139	17	78	52	35	11	2.3	.58	.71
15	.71	1.2	1.2	43	16	70	46	38	15	2.1	.54	.73
16	.71	1.2	1.2	25	13	58	44	33	16	1.9	.56	.69
17	.72	1.3	1.2	15	11	50	39	31	13	1.9	.59	.72
18	.73	1.2	1.4	12	16	63	37	31	10	2.3	.59	.73
19	.76	1.1	1.4	9.0	18	52	34	31	9.2	2.7	.57	.75
20	.74	1.2	1.4	7.5	18	88	34	31	8.4	2.1	.45	.74
21	.73	1.2	1.4	6.3	20	66	31	31	7.8	1.8	.44	.84
22	.75	1.1	1.4	5.6	21	51	29	32	7.2	1.7	.47	.88
23	.78	1.0	1.4	5.2	23	50	29	32	6.6	1.6	.47	.92
24	.84	1.1	1.3	5.0	25	45	31	30	6.4	1.5	.46	.96
25	.84	1.3	1.3	5.0	27	43	37	28	6.4	1.4	.48	.96
26	.94	1.2	1.3	4.9	27	43	40	27	7.0	1.3	.46	1.0
27	1.1	1.2	1.4	4.6	26	43	45	28	6.9	1.2	.48	1.1
28	1.1	1.0	1.5	4.7	26	41	43	27	6.4	1.1	.48	1.1
29	1.1	1.0	1.5	6.1	---	44	53	26	7.2	1.0	.47	1.1
30	.97	1.1	1.4	9.4	---	46	50	25	6.1	1.0	.49	1.0
31	1.0	---	1.4	45	---	63	---	25	---	.99	.50	---
TOTAL	24.09	37.1	44.2	552.3	718	2392	1612	1257	385.6	77.19	18.73	22.10
MEAN	.78	1.24	1.43	17.8	25.6	77.2	53.7	40.5	12.9	2.49	.60	.74
MAX	1.1	1.8	2.9	139	70	390	87	154	25	5.8	.90	1.1
MIN	.59	1.0	1.1	1.3	11	24	29	25	6.1	.99	.44	.49
AC-FT	48	74	88	1100	1420	4740	3200	2490	765	153	37	44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1995, BY WATER YEAR (WY)

MEAN	1.06	1.33	1.47	8.28	11.0	59.1	39.6	18.7	5.95	1.50	.50	.65
MAX	1.35	1.43	1.75	17.8	25.6	98.0	63.6	40.5	12.9	2.49	.60	.74
(WY)	1994	1994	1993	1995	1995	1993	1993	1995	1995	1995	1995	1995
MIN	.78	1.24	1.22	1.27	1.78	2.21	1.36	1.24	.49	.35	.44	.56
(WY)	1995	1995	1994	1994	1994	1994	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1992 - 1995	
ANNUAL TOTAL	398.22		7140.31			
ANNUAL MEAN	1.09		19.6		10.4	
HIGHEST ANNUAL MEAN					19.6	1995
LOWEST ANNUAL MEAN					1.14	1994
HIGHEST DAILY MEAN	4.8	Mar 5	390	Mar 10	390	Mar 10 1995
LOWEST DAILY MEAN	.30	Jun 30	.44	Aug 21	.30	Jun 30 1994
ANNUAL SEVEN-DAY MINIMUM	.31	Jun 27	.46	Aug 20	.33	Jun 27 1994
INSTANTANEOUS PEAK FLOW			1200	Mar 9	1200	Mar 9 1995
INSTANTANEOUS PEAK STAGE			5.56	Mar 9	5.56	Mar 9 1995
ANNUAL RUNOFF (AC-FT)	790		14160		7500	
10 PERCENT EXCEEDS	1.8		50		40	
50 PERCENT EXCEEDS	1.2		3.1		1.4	
90 PERCENT EXCEEDS	.36		.66		.48	

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

10347460 TRUCKEE RIVER NEAR MOGUL, NV

LOCATION (REVISED).--Lat 39°30'26", long 119°55'51", in SW $^1/_4$ SW $^1/_4$ sec.14 T.19 N., R.18 E., Washoe County, Hydrologic Unit 16050102, on left bank, at bridge crossing, and 0.5 mi southwest of Mogul.

DRAINAGE AREA.--1,035 mi^2.

PERIOD OF RECORD.--February 1993 to September 1995 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 4,690 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	3.0	100	91	471	455	771	4470	3330	2000	1130	433
2	23	5.8	100	90	605	459	784	4700	3020	1920	1090	480
3	21	4.3	116	94	533	649	790	2830	2790	1900	1040	495
4	28	2.8	144	89	500	607	808	2130	2840	1850	1030	485
5	27	6.1	154	93	466	561	829	1960	2790	1820	1020	491
6	33	45	204	94	450	527	901	1760	2190	1820	963	459
7	24	104	190	123	376	404	1110	1630	1750	1800	953	444
8	24	60	168	141	361	381	1380	1610	1550	1760	948	438
9	24	37	137	211	342	2210	1220	1600	1380	1750	914	452
10	23	35	114	1080	330	4260	1130	1700	1420	1750	926	436
11	19	64	113	955	301	3250	1130	1900	1670	1730	890	395
12	30	75	107	624	297	2590	1060	1820	1880	1710	862	353
13	29	69	101	793	288	2130	991	1710	2530	1570	825	341
14	17	65	97	1790	303	1940	872	1690	2470	1560	774	343
15	13	92	e90	1040	273	1860	789	1670	2540	1640	734	345
16	13	118	88	675	271	1730	728	1650	2230	1670	711	349
17	12	123	91	543	273	1430	664	1890	2090	1650	701	346
18	10	106	94	520	288	1420	624	2020	2110	1530	692	356
19	7.9	93	101	471	292	1500	584	2150	2120	1440	672	354
20	7.1	108	90	421	291	1630	632	2330	2020	1370	665	354
21	5.8	e100	89	313	301	1750	689	2560	1930	1340	648	344
22	6.3	96	91	289	317	1520	674	2750	1870	1270	648	355
23	5.9	87	83	280	339	1090	683	2950	1980	1170	627	347
24	5.3	99	94	252	364	975	729	3080	2160	1090	588	339
25	5.3	102	93	258	414	883	898	2810	2340	1110	546	354
26	6.9	96	91	247	416	818	1110	2850	2380	1260	543	365
27	4.7	111	94	229	438	781	1240	2980	2280	1330	539	382
28	3.1	108	90	219	452	750	1350	3010	2260	1280	533	388
29	2.5	105	93	215	---	682	1710	3080	2190	1260	508	372
30	2.4	102	90	214	---	644	2070	3050	2070	1160	488	381
31	2.5	---	86	278	---	676	---	3150	---	1130	442	---
TOTAL	460.7	2222.0	3393	12732	10352	40562	28950	75490	66180	47640	23650	11776
MEAN	14.9	74.1	109	411	370	1308	965	2435	2206	1537	763	393
MAX	33	123	204	1790	605	4260	2070	4700	3330	2000	1130	495
MIN	2.4	2.8	83	89	271	381	584	1600	1380	1090	442	339
AC-FT	914	4410	6730	25250	20530	80450	57420	149700	131300	94490	46910	23360

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1995, BY WATER YEAR (WY)

MEAN	40.3	56.6	117	266	256	842	909	1807	1346	693	364	214
MAX	65.7	74.1	125	411	370	1308	982	2435	2206	1537	763	393
(WY)	1994	1995	1994	1995	1995	1995	1993	1995	1995	1995	1995	1995
MIN	14.9	39.2	109	121	142	285	781	1393	510	63.8	18.0	13.5
(WY)	1995	1994	1995	1994	1994	1994	1994	1994	1994	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1993 - 1995	
ANNUAL TOTAL	107483.3		323407.7			
ANNUAL MEAN	294		886		592	
HIGHEST ANNUAL MEAN					886	1995
LOWEST ANNUAL MEAN					297	1994
HIGHEST DAILY MEAN	1650	May 12	4700	May 2	4700	May 2 1995
LOWEST DAILY MEAN	2.4	Oct 30	2.4	Oct 30	2.4	Oct 30 1994
ANNUAL SEVEN-DAY MINIMUM	3.3	Oct 29	3.3	Oct 29	3.3	Oct 29 1994
INSTANTANEOUS PEAK FLOW			7070	May 1	7070	May 1 1995
INSTANTANEOUS PEAK STAGE			9.97	May 1	9.97	May 1 1995
ANNUAL RUNOFF (AC-FT)	213200		641500		428600	
10 PERCENT EXCEEDS	1140		2140		1650	
50 PERCENT EXCEEDS	105		543		339	
90 PERCENT EXCEEDS	10		34		24	

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

10347620 HUNTER CREEK ABOVE LAST CHANCE DITCH NEAR RENO, NV

LOCATION.--Lat 39°30'13", long 119°53'22", in NW $^1/_4$ NE $^1/_4$ sec.19, T.19 N., R.19 E., Washoe County, Hydrologic Unit 16050102, on right bank, 500 ft above confluence with Truckee River, and 0.2 mi southeast of Mayberry Crossing Park in Reno.

DRAINAGE AREA.--11.7 mi^2.

PERIOD OF RECORD.--May 1993 to September 1995 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 4,680 ft above sea level, from topographic map. Records kept by Federal Court Watermaster February and April 1979.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Diversions upstream for public water supply at Hunter Creek Water Treatment Plant. Flow regulated by Westpac Utilities. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.08	.30	3.2	e2.9	13	4.5	9.3	36	54	57	9.4	6.9
2	.07	.34	3.2	3.1	8.5	4.3	8.9	38	58	51	9.8	16
3	.07	.36	3.7	3.1	6.4	8.0	8.6	26	57	50	9.0	13
4	.09	.37	3.6	3.2	5.5	4.9	9.1	23	62	50	8.3	7.1
5	.09	.43	3.4	3.3	5.2	4.9	9.6	21	69	51	7.8	5.3
6	.08	.47	3.2	3.2	5.0	4.4	10	19	58	53	7.3	3.1
7	.08	.44	2.8	3.6	4.9	4.3	11	16	46	54	6.3	1.5
8	.07	.41	e2.9	3.7	4.7	4.3	11	18	40	55	6.1	1.4
9	.07	2.2	e3.0	3.8	4.6	46	10	48	37	55	5.7	1.3
10	.07	4.6	e3.1	43	4.5	70	9.3	57	37	53	5.5	.99
11	.07	3.8	e3.2	10	4.4	37	9.1	12	42	54	5.4	1.7
12	.07	3.8	3.3	5.8	4.4	18	9.7	5.5	43	54	5.1	2.0
13	.08	3.0	3.2	19	4.4	14	12	5.6	42	52	4.5	1.9
14	.08	3.4	e3.1	34	4.1	12	10	4.7	44	49	4.2	1.7
15	.09	3.8	3.1	9.4	e4.3	12	9.5	11	45	49	3.9	1.6
16	.09	3.7	3.2	5.5	4.5	11	9.1	15	43	47	4.7	1.4
17	.09	3.5	3.2	4.8	4.3	10	8.4	16	39	46	6.4	1.4
18	.09	3.5	3.2	4.6	4.3	14	7.9	17	35	47	6.1	1.6
19	.09	e3.6	3.2	4.2	4.3	13	7.3	20	34	42	5.8	1.6
20	.09	3.8	3.2	4.1	4.3	23	7.2	14	33	32	5.8	1.7
21	.10	3.8	3.2	3.9	4.4	15	6.7	13	31	29	5.8	3.8
22	.11	3.6	3.1	3.9	4.3	13	6.5	21	29	27	5.3	5.1
23	.12	e3.6	e3.1	3.9	4.3	12	6.7	40	33	22	4.0	5.0
24	.12	3.7	3.2	4.0	4.5	11	7.6	39	37	18	1.8	5.0
25	.13	3.7	3.2	4.2	4.5	9.4	9.5	37	42	16	1.6	5.0
26	.14	e3.6	3.2	4.0	4.5	9.1	11	39	47	15	1.5	4.5
27	.17	e3.4	3.2	4.0	4.4	8.9	12	42	48	14	1.3	8.7
28	.19	3.2	3.2	4.0	4.4	8.2	12	43	52	13	1.2	9.5
29	.21	e3.1	3.1	4.1	---	7.9	13	44	53	12	1.1	9.2
30	.22	3.1	2.7	4.3	---	8.2	14	48	56	11	1.0	9.0
31	.25	---	e2.8	10	---	8.9	---	52	---	9.8	2.1	---
TOTAL	3.37	80.62	98.0	224.6	140.9	431.2	286.0	840.8	1346	1187.8	153.8	137.99
MEAN	.11	2.69	3.16	7.25	5.03	13.9	9.53	27.1	44.9	38.3	4.96	4.60
MAX	.25	4.6	3.7	43	13	70	14	57	69	57	9.8	16
MIN	.07	.30	2.7	2.9	4.1	4.3	6.5	4.7	29	9.8	1.0	.99
AC-FT	6.7	160	194	445	279	855	567	1670	2670	2360	305	274

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1995, BY WATER YEAR (WY)

MEAN	.19	1.56	1.66	3.66	2.56	7.01	7.23	14.0	18.9	13.8	3.00	2.22
MAX	.26	2.69	3.16	7.25	5.03	13.9	9.53	27.1	44.9	38.3	4.96	4.60
(WY)	1994	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995
MIN	.11	.43	.16	.079	.094	.10	4.92	.79	.42	.38	.31	.33
(WY)	1995	1994	1994	1994	1994	1994	1994	1994	1994	1994	1993	1993

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1993 - 1995	
ANNUAL TOTAL	554.15		4931.08			
ANNUAL MEAN	1.52		13.5		7.30	
HIGHEST ANNUAL MEAN					13.5	1995
LOWEST ANNUAL MEAN					1.09	1994
HIGHEST DAILY MEAN	59	Apr 7	70	Mar 10	70	Mar 10 1995
LOWEST DAILY MEAN	.04	Jul 12	.07	Oct 2	.04	Jul 12 1994
ANNUAL SEVEN-DAY MINIMUM	.05	Jul 10	.07	Oct 6	.05	Jul 10 1994
INSTANTANEOUS PEAK FLOW			152	Mar 9	152	Mar 9 1995
INSTANTANEOUS PEAK STAGE			3.57	Mar 9	3.57	Mar 9 1995
ANNUAL RUNOFF (AC-FT)	1100		9780		5290	
10 PERCENT EXCEEDS	3.8		45		21	
50 PERCENT EXCEEDS	.16		5.3		2.0	
90 PERCENT EXCEEDS	.07		.42		.08	

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

10348000 TRUCKEE RIVER AT RENO, NV

LOCATION.--Lat 39°31'53", long 119°47'07", in NW $^1/_4$ NW $^1/_4$ sec.7, T.19 N., R.20 E., Washoe County, Hydrologic Unit 16050102, on left bank, 400 ft downstream from Kietzke Lane bridge, 0.5 mi downstream from Scott Island, 5 mi upstream from Steamboat Creek, and at mi 59.07, upstream from Marble Bluff Dam.

DRAINAGE AREA.--1,067 mi^2, approximately.

PERIOD OF RECORD.--July 1906 to September 1921, June 1925 to September 1926, January 1930 to December 1934, January to December 1943, January 1946 to current year.

GAGE.--Water-stage recorder. Datum of gage is 4,431.97 ft above sea level (levels by U.S. Army Corps of Engineers). July 1906 to September 1946, nonrecording gage at site 1 mi upstream at different datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Lake Tahoe (station 10337000), Martis Creek Lake (station 10339380), Prosser Creek (station 10340300), Stampede (station 10344300) and Boca (station 10344490) Reservoirs, Donner (station 10338400) and Independence (station 10342900) Lakes, and several powerplants. Many diversions above station. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	23	73	70	e530	434	738	3670	2890	1850	1040	317
2	22	28	72	e70	627	434	747	4230	2700	1770	1010	385
3	21	31	e80	72	566	627	749	2820	2470	1750	951	398
4	28	27	e105	e70	524	587	775	2140	2510	1700	945	395
5	28	31	e120	e75	509	543	830	1960	2550	1660	933	366
6	35	58	e155	76	506	515	881	1760	2040	1670	895	361
7	32	126	e165	145	435	413	1030	1640	1560	1660	881	365
8	28	88	174	128	411	380	1310	1580	1400	1630	862	342
9	30	60	136	214	403	1800	1200	1570	1220	1610	792	354
10	28	45	e80	1200	386	3950	1110	1650	1230	1630	817	346
11	34	68	e95	1060	354	3170	1090	1800	1440	1580	795	328
12	36	100	97	697	341	2440	1060	1710	1640	1580	758	281
13	33	94	84	769	334	2000	963	1610	2230	1430	722	255
14	32	80	80	1750	349	1830	892	1540	2220	1410	678	247
15	27	87	81	1100	323	1710	823	1550	2340	1480	617	243
16	33	98	76	743	318	1600	765	1490	2130	1500	572	243
17	32	98	69	607	306	1340	707	1710	1970	1490	579	241
18	33	99	74	585	302	1290	667	1790	1960	1390	557	271
19	31	67	83	526	303	1390	622	1890	1980	1380	549	265
20	30	78	70	480	315	1590	643	2040	1880	1290	540	251
21	29	88	70	365	327	1650	723	2180	1800	1260	514	247
22	29	78	74	339	335	1470	682	2380	1720	1210	514	256
23	29	61	63	329	344	1070	679	2480	1790	1100	495	258
24	28	65	67	286	351	947	710	2620	1940	1030	444	257
25	31	82	74	293	399	854	861	2450	2080	1020	413	270
26	27	73	71	280	417	792	1080	2480	2150	1150	413	266
27	29	78	72	275	414	762	1200	2600	2050	1210	405	287
28	26	82	75	242	429	726	1320	2610	2000	1190	396	296
29	24	78	86	233	---	670	1610	2680	1980	1180	380	286
30	24	82	79	e230	---	627	2030	2700	1910	1100	354	285
31	24	---	67	e290	---	648	---	2780	---	1060	326	---
TOTAL	900	2153	2767	13599	11158	38259	28497	68110	59780	43970	20147	8962
MEAN	29.0	71.8	89.3	439	398	1234	950	2197	1993	1418	650	299
MAX	36	126	174	1750	627	3950	2030	4230	2890	1850	1040	398
MIN	21	23	63	70	302	380	622	1490	1220	1020	326	241
AC-FT	1790	4270	5490	26970	22130	75890	56520	135100	118600	87210	39960	17780

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1907 - 1995, BY WATER YEAR (WY)

MEAN	273	424	550	612	694	869	1220	1486	1042	417	246	238
MAX	977	2513	3638	3076	2954	4448	4138	5679	4883	2500	1261	1302
(WY)	1908	1984	1984	1984	1986	1986	1907	1952	1983	1983	1907	1983
MIN	27.7	36.1	53.9	64.9	85.5	127	198	95.4	44.7	16.0	10.4	5.03
(WY)	1993	1933	1933	1933	1933	1933	1977	1934	1931	1931	1931	1926

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1907 - 1995	
ANNUAL TOTAL	94148.9		298302			
ANNUAL MEAN	258		817		674	
HIGHEST ANNUAL MEAN					2350	1983
LOWEST ANNUAL MEAN					106	1931
HIGHEST DAILY MEAN	1420	May 12	4230	May 2	16200	Dec 23 1955
LOWEST DAILY MEAN	5.9	Sep 21	21	Oct 3	.00	Sep 12 1926
ANNUAL SEVEN-DAY MINIMUM	7.0	Sep 16	25	Oct 26	.00	Sep 14 1926
INSTANTANEOUS PEAK FLOW			6390	Mar 10	20800	Dec 23 1955
INSTANTANEOUS PEAK STAGE			8.86	Mar 10	13.83	Nov 21 1950
ANNUAL RUNOFF (AC-FT)	186700		591700		488600	
10 PERCENT EXCEEDS	957		1980		1640	
50 PERCENT EXCEEDS	90		515		372	
90 PERCENT EXCEEDS	21		41		108	

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

10348200 TRUCKEE RIVER NEAR SPARKS, NV

LOCATION.--Lat 39°31'11", long 119°44'27", in NW $^1/_4$ NE $^1/_4$ sec.16, T.19 N., R.20 E., Washoe County, Hydrologic Unit 16050102, on left bank, 400 ft upstream from McCarren Boulevard bridge, 1 mi south of Southern Pacific Railroad in Sparks, 2.5 mi upstream from Steamboat Creek, and at mi 56.15, upstream from Marble Bluff Dam.

DRAINAGE AREA.--1,070 mi^2, approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1977 to current year.

GAGE.--Water-stage recorder. Datum of gage is 4,382.41 ft above sea level (U.S. Army Corps of Engineers benchmark).

REMARKS.--Records fair except for estimated daily discharges, which are poor. No flow some days, some years. Flow regulated by Lake Tahoe (station 10337000), Martis Creek Lake (station 10339380), Prosser Creek (station 10340300), Stampede (station 10344300) and Boca (station 10344490) Reservoirs, Donner (station 10338400) and Independence (station 10342900) Lakes, and several powerplants. Many diversions above station. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	77	e55	500	413	772	4270	3220	1930	972	309
2	.00	.00	76	e55	624	425	784	4950	2980	1800	942	385
3	.00	4.2	82	57	549	623	786	3200	2670	1760	891	397
4	.00	3.3	115	e65	497	582	810	2400	2720	1710	890	398
5	2.0	4.7	127	e75	496	524	863	2200	2790	1650	876	361
6	2.5	50	177	67	479	501	923	1940	2160	1670	846	356
7	2.5	104	168	141	410	392	1080	1770	1580	1670	833	360
8	.00	76	e140	109	384	343	1400	1690	1410	1630	819	329
9	.24	53	e120	188	377	2050	1260	1670	1200	1600	761	347
10	.00	45	103	1380	372	4780	1170	1760	1200	1650	777	340
11	4.4	57	e90	1120	312	3750	1150	1900	1430	1570	748	323
12	7.8	87	78	691	301	2740	1130	1780	1650	1580	713	269
13	6.6	85	71	762	302	2200	1030	1650	2370	1400	680	231
14	.42	75	71	1860	326	1980	961	1580	2360	1370	649	221
15	.00	79	e65	1130	e300	1810	870	1580	2510	1460	595	212
16	6.3	84	64	738	277	1720	814	1510	2280	1470	553	209
17	9.6	85	54	597	266	1420	756	1750	2030	1470	559	209
18	14	e92	62	577	266	1360	707	1850	2020	1380	538	242
19	8.2	e85	66	516	267	1490	665	1970	2140	1380	532	238
20	4.5	e70	56	471	264	1740	680	2180	2040	1260	526	220
21	2.8	72	55	350	275	1820	767	2370	1940	1220	502	220
22	.63	69	62	314	283	1610	723	2670	1830	1170	496	229
23	1.3	53	52	303	287	1170	712	2840	1870	1040	485	231
24	1.2	65	58	275	304	1020	747	3040	1990	963	432	232
25	1.8	84	61	282	369	900	885	2830	2190	960	404	245
26	1.1	72	59	250	392	838	1110	2860	2310	1100	403	246
27	.45	81	58	257	388	809	1250	2990	2180	1170	406	267
28	.21	84	61	216	397	770	1380	2970	2110	1140	408	278
29	.00	81	69	215	---	709	1750	3020	2080	1130	389	265
30	.00	82	63	211	---	662	2400	3000	2000	1040	355	261
31	.00	---	54	265	---	678	---	3070	---	1000	327	---
TOTAL	78.55	1882.20	2514	13592	10264	41829	30335	75260	63260	43343	19307	8430
MEAN	2.53	62.7	81.1	438	367	1349	1011	2428	2109	1398	623	281
MAX	14	104	177	1860	624	4780	2400	4950	3220	1930	972	398
MIN	.00	.00	52	55	264	343	665	1510	1200	960	327	209
AC-FT	156	3730	4990	26960	20360	82970	60170	149300	125500	85970	38300	16720

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 1995, BY WATER YEAR (WY)

MEAN	216	472	597	549	732	999	1070	1434	922	390	203	223
MAX	728	2573	3716	3149	3227	4590	3104	3965	5039	2586	802	1199
(WY)	1983	1984	1984	1984	1986	1986	1983	1982	1983	1983	1983	1983
MIN	2.53	33.9	54.2	71.6	66.4	218	225	1[illegible]	30.7	27.6	.27	.000
(WY)	1995	1991	1991	1991	1991	1992	1992	199[illegible]	1992	1992	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1977 - 1995	
ANNUAL TOTAL	88668.31		310094.75			
ANNUAL MEAN	243		850		662	
HIGHEST ANNUAL MEAN					2373	1983
LOWEST ANNUAL MEAN					88.7	1992
HIGHEST DAILY MEAN	1450	May 12	4950	May 2	11800	Feb 18 1986
LOWEST DAILY MEAN	.00	Aug 6	.00	Oct 1	.00	Aug 13 1992
ANNUAL SEVEN-DAY MINIMUM	.00	Aug 11	.09	Oct 27	.00	Sep 4 1992
INSTANTANEOUS PEAK FLOW			7670	Mar 10	14900	Feb 17 1986
INSTANTANEOUS PEAK STAGE			10.94	Mar 10	15.22	Feb 17 1986
ANNUAL RUNOFF (AC-FT)	175900		615100		479400	
10 PERCENT EXCEEDS	973		2120		1830	
50 PERCENT EXCEEDS	75		500		267	
90 PERCENT EXCEEDS	.00		33		55	

e Estimated

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1988 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: August 1993 to current year.
WATER TEMPERATURE: June 1988 to current year.

INSTRUMENTATION.--Specific conductance recorder August 1993 to current year, four times per hour. Water-temperature recorder June 1988 to July 1993, hourly; August 1993 to current year, four times per hour.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. Records represent water temperature at probe within 0.5°C. Interruptions in record due to instrument malfunction or periods of no flow. In April 1993, station incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Pyramid and Winnemucca Lakes Basin.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 657 microsiemens, January 5, 1995; minimum recorded, 70 microsiemens, June 17, 1995.
WATER TEMPERATURE: Maximum recorded, 30.5°C, August 12, 1991; minimum recorded, freezing point on many days during winter months, most years.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum recorded, 657 microsiemens, January 5; minimum recorded, 70 microsiemens, June 17.
WATER TEMPERATURE: Maximum recorded, 20.5°C, September 1; minimum recorded, freezing point on many days during winter months.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)
OCT											
25...	1600	3.0	259	8.3	--	11.5	645	9.6	104	82	3
NOV											
28...	1530	71	196	7.7	--	2.5	650	12.1	104	65	4
DEC											
27...	1440	61	208	7.7	--	2.5	650	12.8	110	68	5
JAN											
25...	1350	316	161	8.2	--	5.5	640	10.8	102	51	7
FEB											
23...	1310	287	144	9.0	19.0	8.0	650	12.3	122	46	1
MAR											
27...	1230	774	131	7.9	10.0	5.0	660	10.8	98	43	7

DATE	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
OCT											
25...	20	7.7	19	0.9	2.7	96	--	79	18	20	<0.10
NOV											
28...	16	6.0	15	0.8	2.2	74	--	61	12	16	<0.10
DEC											
27...	17	6.2	15	0.8	2.2	77	--	63	14	17	<0.10
JAN											
25...	13	4.5	12	0.7	1.7	54	--	44	10	16	<0.10
FEB											
23...	12	4.0	9.3	0.6	1.5	41	7	45	7.9	11	<0.10
MAR											
27...	11	3.8	8.3	0.6	1.4	44	--	36	8.6	9.7	<0.10

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
OCT										
25...	16	155	151	1.26	0.21	<0.010	<0.050	<0.015	0.20	<0.20
NOV										
28...	19	124	123	23.8	0.17	<0.010	<0.050	<0.015	<0.20	<0.20
DEC										
27...	18	131	127	21.6	0.18	<0.010	<0.050	<0.015	<0.20	<0.20
JAN										
25...	19	107	104	91.3	0.15	<0.010	0.200	<0.015	<0.20	<0.20
FEB										
23...	19	94	92	72.8	0.13	<0.010	<0.050	<0.015	<0.20	<0.20
MAR										
27...	21	94	87	196	0.13	<0.010	0.220	<0.015	<0.20	<0.20

PYRAMID AND WINNEMUCCA LAKES BASIN

10348200 TRUCKEE RIVER NEAR SPARKS, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C) (00689)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT										
25...	0.020	<0.010	<0.010	35	4	--	--	--	--	--
NOV										
28...	<0.010	<0.010	<0.010	43	7	1.5	0.30	6	1.2	100
DEC										
27...	<0.010	<0.010	<0.010	32	6	1.3	0.20	4	0.66	83
JAN										
25...	<0.010	0.010	<0.010	45	7	1.8	0.40	28	24	76
FEB										
23...	<0.010	<0.010	<0.010	49	3	1.8	0.40	9	7.0	76
MAR										
27...	0.010	0.010	0.020	72	13	2.1	0.50	18	38	58

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	---	---	---	213	190	194	226	222	223
2	---	---	---	---	---	---	219	201	211	229	225	227
3	---	---	---	270	259	266	254	197	212	232	229	230
4	---	---	---	264	257	260	252	187	199	234	232	233
5	---	---	---	---	---	---	191	187	190	657	232	330
6	---	---	---	264	185	218	199	177	190	639	263	342
7	---	---	---	238	192	216	177	156	162	401	263	301
8	---	---	---	200	175	190	159	157	158	269	229	247
9	---	---	---	180	172	176	163	158	160	252	199	224
10	---	---	---	188	178	184	169	162	163	211	142	169
11	---	---	---	252	188	221	195	169	188	162	144	151
12	245	240	242	217	183	194	202	193	197	170	162	167
13	---	---	---	186	160	172	205	201	203	173	151	167
14	---	---	---	160	152	156	207	204	205	151	111	127
15	---	---	---	154	150	152	207	205	206	149	119	133
16	---	---	---	152	142	148	207	205	206	169	149	160
17	236	232	234	207	141	153	209	205	207	169	160	165
18	239	235	237	244	148	173	209	204	206	182	167	177
19	247	238	241	261	181	230	208	206	207	185	174	181
20	255	246	249	263	173	210	209	207	208	183	167	172
21	255	252	254	265	182	218	212	209	210	174	150	158
22	259	255	258	190	166	181	214	212	212	161	155	158
23	260	255	257	---	---	---	214	211	212	158	153	156
24	260	255	257	---	---	---	216	211	212	162	151	154
25	259	255	257	---	---	---	240	216	232	169	157	162
26	258	255	256	---	---	---	225	215	218	160	155	157
27	265	257	262	---	---	---	216	213	215	181	155	166
28	---	---	---	---	---	---	215	212	213	180	164	170
29	---	---	---	---	---	---	216	213	215	172	165	168
30	---	---	---	192	187	190	218	215	217	171	165	168
31	---	---	---	---	---	---	222	218	220	168	151	162
MONTH	---	---	---	---	---	---	254	156	202	657	111	190

PYRAMID AND WINNEMUCCA LAKES BASIN

10348200 TRUCKEE RIVER NEAR SPARKS, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	179	148	160	142	126	130	---	---	---	---	---	---
2	175	126	138	134	125	127	---	---	---	---	---	---
3	129	121	124	141	125	132	---	---	---	---	---	---
4	136	128	131	130	122	126	---	---	---	---	---	---
5	144	136	141	128	123	125	---	---	---	---	---	---
6	155	144	151	130	123	126	---	---	---	---	---	---
7	156	143	149	141	127	131	---	---	---	---	---	---
8	159	132	147	141	136	139	---	---	---	---	---	---
9	158	129	145	152	118	137	---	---	---	---	---	---
10	129	124	127	131	120	126	---	---	---	---	---	---
11	131	125	127	---	---	---	---	---	---	---	---	---
12	139	131	134	---	---	---	---	---	---	---	---	---
13	171	139	150	---	---	---	---	---	---	---	---	---
14	172	161	168	---	---	---	---	---	---	---	---	---
15	167	156	161	---	---	---	---	---	---	---	---	---
16	160	154	157	---	---	---	---	---	---	---	---	---
17	160	154	157	---	---	---	---	---	---	---	---	---
18	160	154	157	---	---	---	---	---	---	---	---	---
19	157	152	155	---	---	---	---	---	---	---	---	---
20	157	148	153	---	---	---	---	---	---	---	---	---
21	157	146	152	---	---	---	---	---	---	---	---	---
22	153	144	149	---	---	---	---	---	---	---	---	---
23	151	140	146	---	---	---	---	---	---	---	---	---
24	148	137	143	152	140	144	---	---	---	---	---	---
25	142	130	136	---	---	---	---	---	---	---	---	---
26	133	125	130	---	---	---	---	---	---	---	---	---
27	131	124	128	---	---	---	---	---	---	---	---	---
28	130	124	128	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	179	121	144	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	110	106	108
2	---	---	---	---	---	---	---	---	---	111	103	108
3	---	---	---	---	---	---	79	75	77	106	104	105
4	---	---	---	---	---	---	80	77	79	105	101	104
5	---	---	---	---	---	---	81	76	78	105	102	103
6	---	---	---	---	---	---	81	77	79	105	101	103
7	---	---	---	---	---	---	81	78	79	105	101	104
8	---	---	---	---	---	---	81	77	79	106	103	104
9	---	---	---	---	---	---	82	79	81	107	101	105
10	---	---	---	---	---	---	83	80	81	104	101	103
11	---	---	---	---	---	---	83	79	81	104	102	103
12	---	---	---	---	---	---	84	80	82	106	103	104
13	---	---	---	---	---	---	83	80	82	108	104	106
14	---	---	---	---	---	---	84	81	83	108	106	107
15	---	---	---	---	---	---	85	83	84	110	107	109
16	---	---	---	---	---	---	85	84	84	111	108	110
17	78	70	74	---	---	---	86	84	85	111	109	110
18	---	---	---	---	---	---	86	84	85	112	110	111
19	---	---	---	---	---	---	87	85	86	111	110	111
20	---	---	---	---	---	---	87	86	86	112	110	111
21	---	---	---	---	---	---	89	86	88	112	110	111
22	---	---	---	---	---	---	91	88	89	112	110	111
23	---	---	---	---	---	---	98	88	91	112	109	111
24	---	---	---	---	---	---	99	93	97	111	108	110
25	---	---	---	---	---	---	101	96	98	111	107	109
26	---	---	---	---	---	---	101	98	99	111	108	109
27	---	---	---	---	---	---	102	99	100	111	107	110
28	---	---	---	---	---	---	102	100	101	110	106	108
29	---	---	---	---	---	---	103	101	102	111	106	108
30	---	---	---	---	---	---	106	102	104	110	107	109
31	---	---	---	---	---	---	107	103	105	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	112	101	107

10348200 TRUCKEE RIVER NEAR SPARKS, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	3.0	.5	2.0	1.0	.0	.5
2	---	---	---	---	---	---	5.0	2.0	3.5	1.0	.0	.5
3	---	---	---	6.5	4.5	5.5	5.0	4.0	4.5	1.5	.0	.5
4	---	---	---	5.0	3.0	4.0	6.5	4.5	5.5	.5	.0	.0
5	---	---	---	---	---	---	5.0	4.0	4.5	1.0	.0	.5
6	---	---	---	9.0	6.5	7.5	4.5	3.0	3.5	2.0	.0	1.0
7	---	---	---	7.5	6.5	7.0	3.0	1.0	2.0	4.0	1.5	2.5
8	---	---	---	9.0	6.0	7.0	1.0	.0	.5	4.5	2.5	3.5
9	---	---	---	8.5	6.0	7.0	1.0	.0	.5	6.5	4.5	5.0
10	---	---	---	6.5	4.0	5.5	.5	.0	.0	6.0	2.5	4.5
11	---	---	---	7.0	3.0	4.5	.5	.0	.0	3.0	1.5	2.5
12	15.0	12.0	13.0	5.5	3.5	4.5	2.0	.0	1.0	4.5	2.0	3.0
13	---	---	---	4.0	1.0	2.5	2.5	.5	1.5	5.5	3.5	4.5
14	---	---	---	3.5	.5	2.0	1.0	.0	.0	4.5	2.5	3.5
15	---	---	---	4.5	1.0	2.5	1.5	.0	.5	3.0	1.5	2.5
16	---	---	---	3.0	1.0	2.0	2.5	.5	1.5	3.0	2.0	2.5
17	10.0	5.0	7.0	1.5	.5	1.0	3.0	1.5	2.0	2.0	1.0	1.5
18	12.0	6.5	9.0	2.0	.0	.5	4.5	2.5	3.5	4.5	2.0	3.5
19	12.5	7.5	10.0	.5	.0	.5	3.0	1.0	2.0	3.5	2.5	3.0
20	12.5	8.5	10.5	1.5	.0	.5	3.5	1.0	2.5	3.5	1.5	2.5
21	12.0	8.5	10.5	1.5	1.0	1.5	4.0	1.5	2.5	3.5	2.0	3.0
22	12.0	10.0	11.0	2.0	.0	.5	3.0	1.0	2.0	3.5	2.5	3.0
23	12.0	10.0	11.0	2.0	.0	1.0	2.5	.0	1.0	5.0	3.0	3.5
24	12.5	10.5	11.5	3.0	.5	1.5	1.5	.0	1.0	5.5	3.5	4.5
25	12.0	10.5	11.5	3.0	1.0	2.0	2.0	1.0	1.5	5.5	4.0	5.0
26	12.0	10.5	11.5	3.0	.0	1.0	3.0	1.0	2.0	5.0	3.5	4.5
27	12.0	10.5	11.0	2.0	.0	.5	2.5	1.5	2.0	4.0	3.0	3.0
28	---	---	---	2.5	.0	1.0	3.5	2.0	2.5	4.5	3.0	3.5
29	---	---	---	3.0	.0	1.0	4.0	2.5	3.0	6.0	4.0	5.0
30	---	---	---	3.0	.0	1.5	3.0	.5	1.5	7.0	5.0	6.0
31	---	---	---	---	---	---	1.5	.0	.5	9.5	6.0	7.5
MONTH	---	---	---	---	---	---	6.5	.0	2.0	9.5	.0	3.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.5	6.0	7.0	9.0	6.5	7.5	9.0	6.5	8.0	8.0	6.0	7.5
2	7.0	4.5	5.5	7.5	6.5	7.0	10.0	6.0	8.0	8.5	5.0	6.5
3	6.0	3.5	5.0	7.0	3.5	6.0	10.0	6.0	8.0	8.5	6.5	7.5
4	6.5	3.5	5.0	5.5	2.0	3.5	10.5	7.0	9.0	10.0	7.5	8.5
5	6.5	3.5	5.0	7.5	3.5	5.5	10.5	7.0	8.5	8.0	6.5	7.5
6	5.5	4.0	4.5	7.0	4.0	5.5	9.5	7.5	8.5	7.5	6.5	7.0
7	7.0	4.0	5.5	7.0	3.5	5.5	10.5	6.5	8.0	8.5	7.0	8.0
8	6.0	4.5	5.5	7.0	5.0	6.0	7.5	5.0	6.5	10.5	7.5	9.0
9	7.5	5.0	6.0	8.0	4.5	7.0	6.5	4.0	5.5	9.0	8.0	8.5
10	6.5	4.5	5.5	4.5	3.5	4.0	8.0	4.5	6.5	10.0	7.5	9.0
11	6.5	3.5	5.0	5.5	2.5	4.0	10.0	6.5	8.0	10.5	8.0	9.0
12	6.0	3.5	4.5	6.0	3.5	4.5	10.0	7.0	8.5	8.5	7.0	8.0
13	6.0	3.0	4.0	6.5	4.0	5.5	8.0	6.0	7.5	7.5	6.5	7.0
14	4.0	2.0	3.0	7.0	4.5	5.5	7.5	4.5	6.0	9.0	7.0	8.0
15	4.0	.5	2.5	7.5	5.5	6.5	6.5	4.5	5.5	9.5	7.5	8.5
16	4.0	1.0	2.0	7.0	5.0	6.0	5.5	4.5	5.0	11.5	7.5	9.5
17	6.5	2.0	4.0	7.0	5.0	6.0	7.0	4.5	5.5	11.5	9.0	10.0
18	8.0	4.0	6.0	7.5	5.5	6.5	7.0	5.0	6.0	12.0	9.5	10.5
19	8.5	4.5	6.5	6.5	4.5	5.5	9.5	4.0	6.5	12.0	9.5	10.5
20	8.5	5.0	6.5	6.5	3.5	5.5	7.5	5.5	7.0	11.5	9.0	10.5
21	9.0	5.5	7.0	5.5	2.5	4.0	9.5	4.5	6.5	11.0	9.0	10.0
22	9.0	5.5	7.0	4.0	1.5	2.5	11.5	6.5	8.5	10.5	8.5	9.5
23	9.0	5.5	7.0	4.0	.5	2.0	12.0	7.5	9.5	11.0	8.0	9.0
24	9.0	5.5	7.0	5.0	2.0	3.5	13.0	8.5	10.5	10.0	8.5	9.5
25	9.0	5.5	7.0	4.5	2.5	3.5	12.5	9.0	10.5	11.0	8.0	9.5
26	8.0	5.0	6.5	6.0	3.0	4.5	10.5	8.5	9.5	11.5	9.0	10.0
27	7.5	5.5	6.5	7.0	3.5	5.0	10.0	7.0	8.5	11.0	9.0	10.0
28	7.5	6.0	6.5	7.5	4.0	5.5	9.0	7.0	8.0	11.5	8.5	10.0
29	---	---	---	8.0	4.0	6.0	9.5	7.0	8.0	11.5	8.5	10.5
30	---	---	---	9.0	4.5	6.5	8.0	6.0	7.5	12.0	9.5	10.5
31	---	---	---	9.5	5.0	7.5	---	---	---	12.0	9.0	10.5
MONTH	9.0	.5	5.5	9.5	.5	5.3	13.0	4.0	7.6	12.0	5.0	9.0

PYRAMID AND WINNEMUCCA LAKES BASIN

10348200 TRUCKEE RIVER NEAR SPARKS, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	11.5	9.5	10.5	12.5	11.0	12.0	18.0	14.0	16.0	20.5	15.0	17.5
2	11.0	8.5	9.5	14.0	11.0	12.0	17.0	14.5	16.0	19.5	15.0	17.0
3	12.0	9.5	11.0	14.0	11.5	13.0	18.0	14.5	16.5	19.5	16.0	17.5
4	12.5	10.0	11.0	14.0	12.0	13.0	18.0	15.0	16.5	19.0	15.0	16.5
5	11.5	8.5	10.0	15.0	12.5	13.5	18.5	15.0	17.0	18.0	13.5	15.5
6	9.5	8.0	9.0	14.5	12.5	13.5	18.0	15.0	16.5	18.5	13.5	16.0
7	9.5	8.0	8.5	14.5	12.0	13.5	18.0	14.5	16.5	18.0	14.0	16.0
8	10.5	7.5	9.0	14.0	11.5	12.5	17.0	13.5	15.5	18.5	14.0	16.0
9	12.5	8.5	10.5	15.0	12.0	13.0	17.5	13.5	16.0	19.0	14.5	16.5
10	14.0	10.5	12.0	15.0	12.5	13.5	17.5	14.5	16.0	18.5	14.0	16.5
11	13.0	10.5	12.0	15.0	12.0	13.5	17.0	13.5	15.0	19.0	14.5	16.5
12	12.5	10.0	11.5	14.0	12.0	13.0	17.0	14.0	15.5	20.0	14.5	17.0
13	12.0	9.0	10.5	15.0	11.5	13.5	16.5	14.0	15.5	20.0	14.5	17.5
14	11.5	9.0	10.0	16.0	12.5	14.0	18.0	14.0	16.0	20.0	14.5	17.0
15	10.5	8.0	9.0	16.0	13.0	15.0	18.0	15.0	16.5	19.5	14.5	17.0
16	10.5	7.5	8.5	16.5	13.0	15.0	17.5	14.5	16.0	19.5	15.5	17.0
17	11.0	9.0	10.0	15.5	14.0	15.0	17.0	14.0	15.5	18.5	14.0	16.5
18	12.5	9.5	10.5	16.0	13.5	15.0	16.5	13.0	14.5	19.0	14.0	16.5
19	12.0	9.0	10.5	16.5	13.0	15.0	17.5	13.0	15.0	19.0	14.5	17.0
20	12.0	9.5	10.5	17.0	13.5	15.5	18.5	14.5	16.0	19.0	15.0	17.0
21	13.0	9.5	11.0	16.5	13.5	15.5	19.5	16.0	17.5	18.0	15.0	16.5
22	13.5	10.5	12.0	16.0	13.0	14.5	18.5	16.0	17.0	17.0	13.5	15.5
23	14.0	11.5	12.5	16.5	12.5	14.5	19.5	15.5	17.5	18.0	13.5	16.0
24	14.0	11.5	13.0	16.5	13.0	15.0	20.0	16.5	18.0	17.5	13.5	15.5
25	14.0	11.5	13.0	17.0	13.5	15.5	20.0	15.5	17.5	17.5	13.5	15.0
26	13.5	11.0	12.0	17.0	13.0	15.5	19.5	15.0	17.0	17.0	13.0	15.0
27	13.0	11.0	12.0	17.5	13.5	16.0	19.0	14.5	16.5	16.5	12.5	14.5
28	13.5	11.0	12.5	18.5	14.5	16.5	18.5	14.0	16.0	16.0	12.0	14.0
29	13.5	11.5	12.5	18.0	15.0	16.5	18.5	13.5	16.0	15.5	11.5	13.0
30	13.0	11.5	12.0	17.0	13.5	15.5	19.0	14.0	16.5	14.5	11.0	13.0
31	---	---	---	17.5	13.5	15.5	20.0	14.5	17.0	---	---	---
MONTH	14.0	7.5	10.9	18.5	11.0	14.3	20.0	13.0	16.3	20.5	11.0	16.1

PYRAMID AND WINNEMUCCA LAKES BASIN

10348220 ORR DITCH AT SPANISH SPRINGS VALLEY NEAR SPARKS, NV

LOCATION.--Lat 39°33'58", long 119°43'51", in SW $^1/_4$ SW $^1/_4$ sec.27, T.20 N., R.20 E., Washoe County, Hydrologic Unit 16050102, on left bank at south end of Spanish Springs Valley, and 2.5 mi north of Sparks.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1992 to current year. Previously operated by Federal Court Watermaster, same site and datum (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 4,500 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharge. Records good. Flow regulated by many diversions in Orr Ditch. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	3.4	8.8	20	29	31	29	30
2	.00	.00	.00	.00	.00	13	8.5	19	28	32	28	30
3	.00	.00	.00	.00	.00	17	8.1	13	30	32	28	31
4	.00	.00	.00	.00	.00	11	8.8	13	33	32	28	31
5	.00	.00	.00	.00	.00	11	9.1	20	31	30	29	32
6	.00	.00	.00	.00	.00	11	9.1	14	29	29	30	32
7	.00	.00	.00	.00	.00	11	9.2	13	30	29	29	32
8	.00	.00	.00	.00	.00	11	10	13	29	32	28	31
9	.00	.00	.00	.00	.00	13	10	17	28	33	28	32
10	.00	.00	.00	6.2	.00	19	11	17	27	32	28	32
11	.00	.00	.00	3.9	.00	7.9	9.0	18	25	32	28	30
12	.00	.00	.00	.00	.00	13	11	25	25	33	30	28
13	.00	.00	.00	.00	.00	12	17	30	27	33	30	26
14	.00	.00	.00	.05	.00	12	15	31	31	32	30	29
15	.00	.00	.00	.43	.00	10	15	34	33	33	28	28
16	.00	.00	.00	.00	.00	10	15	34	34	34	28	29
17	.00	.00	.00	.00	.00	9.7	15	31	32	35	30	30
18	.00	.00	.00	.00	.00	7.2	15	30	32	35	30	30
19	.00	.00	.00	.00	.00	7.8	15	31	30	36	29	30
20	.00	.00	.00	.00	.00	15	16	32	29	35	29	31
21	.00	.00	.00	.00	.00	6.9	15	31	28	33	29	31
22	.00	.00	.00	.00	.00	11	15	34	26	19	29	32
23	.00	.00	.00	.00	4.8	12	15	30	26	20	29	32
24	.00	.00	.00	.00	15	8.8	14	32	30	35	28	32
25	.00	.00	.00	.00	14	7.2	13	35	31	34	29	32
26	.00	.00	.00	.00	12	6.8	14	32	31	34	30	32
27	.00	.00	.00	.00	11	8.6	20	32	32	32	31	32
28	.00	.00	.00	.00	11	8.9	21	32	32	33	31	32
29	.00	.00	.00	.00	---	8.8	20	33	31	34	30	32
30	.00	.00	.00	.00	---	8.7	19	32	30	34	30	32
31	.00	---	.00	.00	---	9.1	---	31	---	33	30	---
TOTAL	0.00	0.00	0.00	10.58	67.80	321.8	401.6	809	889	991	903	923
MEAN	.000	.000	.000	.34	2.42	10.4	13.4	26.1	29.6	32.0	29.1	30.8
MAX	.00	.00	.00	6.2	15	19	21	35	34	36	31	32
MIN	.00	.00	.00	.00	.00	3.4	8.1	13	25	19	28	26
AC-FT	.00	.00	.00	21	134	638	797	1600	1760	1970	1790	1830

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1995, BY WATER YEAR (WY)

MEAN	.88	1.93	.67	1.26	.84	5.87	20.5	31.8	25.6	22.1	22.8	18.2
MAX	2.64	5.80	2.00	3.45	2.42	10.4	25.7	39.5	32.1	34.3	39.4	30.8
(WY)	1994	1994	1994	1994	1995	1995	1994	1994	1993	1993	1993	1995
MIN	.000	.000	.000	.000	.000	.000	13.4	26.1	15.0	.000	.000	.000
(WY)	1993	1993	1993	1993	1993	1993	1995	1995	1994	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1993 - 1995	
ANNUAL TOTAL	2779.03		5316.78			
ANNUAL MEAN	7.61		14.6		12.8	
HIGHEST ANNUAL MEAN					15.2	1993
LOWEST ANNUAL MEAN					8.48	1994
HIGHEST DAILY MEAN	44	May 9	36	Jul 19	49	Aug 13 1993
LOWEST DAILY MEAN	.00	Feb 3	.00	Oct 1	.00	Oct 1 1992
ANNUAL SEVEN-DAY MINIMUM	.00	Feb 3	.00	Oct 1	.00	Oct 1 1992
INSTANTANEOUS PEAK FLOW			53	Jan 10	53	Jan 10 1995
INSTANTANEOUS PEAK STAGE			2.13	Jan 10	2.13	Jan 10 1995
ANNUAL RUNOFF (AC-FT)	5510		10550		9240	
10 PERCENT EXCEEDS	34		32		34	
50 PERCENT EXCEEDS	.00		12		3.2	
90 PERCENT EXCEEDS	.00		.00		.00	

PYRAMID AND WINNEMUCCA LAKES BASIN

10348220 ORR DITCH AT SPANISH SPRINGS VALLEY NEAR SPARKS, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1995.

REMARKS.--In March 1995, station was incorporated into the Spanish Springs Valley Project.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)
MAR										
28...	1200	9.0	132	6.6	15.0	6.0	42	11	3.5	8.3

DATE	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
MAR										
28...	0.6	1.2	49	<1	40	8.2	10	<0.10	17	90

DATE	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	TRITIUM TOTAL (PCI/L) (07000)
MAR									
28...	83	0.12	<0.010	<0.050	<0.015	<0.010	-98	-13.2	17

PYRAMID AND WINNEMUCCA LAKES BASIN

10348245 NORTH TRUCKEE DRAIN AT SPANISH SPRINGS ROAD NEAR SPARKS, NV

LOCATION.--Lat 39°34'08", long 119°43'31", in NE$^1/_4$ SW$^1/_4$ sec.27, T.20 N., R.20 E., Washoe County, Hydrologic Unit 16050102, on right bank upstream of culvert crossing Spanish Springs Road, at south end of Spanish Springs Valley, and 2.4 mi north of Sparks.

DRAINAGE AREA.--80 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1992 to current year (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 4,410 ft above sea level, from topographic map. Prior to November 1, 1993, at site in same vicinity, at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by Orr Ditch, many diversions for irrigation in Spanish Springs Valley. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1994
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.08	.10	.12	.09	e.10	3.7	5.1	5.1	12	12	10	9.5
2	.08	.12	.12	.09	e.10	12	4.8	5.1	13	12	9.9	9.5
3	.07	.12	.11	.08	e.10	14	4.2	4.9	13	10	7.6	9.3
4	.10	.12	.09	.08	e.10	10	3.6	4.8	12	10	10	9.7
5	.10	.19	.09	.15	e.10	11	3.4	4.5	12	9.7	11	11
6	.08	.22	.09	.08	e.10	10	3.2	4.5	12	8.0	11	11
7	.09	.19	.12	.31	e.10	10	3.2	4.5	13	4.7	11	12
8	.07	.12	.10	.09	e.10	11	2.7	4.4	13	6.4	7.7	12
9	.07	.12	.37	.08	e.10	11	2.7	8.4	13	8.5	5.1	12
10	.07	.13	.55	6.1	e.10	16	2.7	9.7	13	8.1	7.3	12
11	.07	.21	.61	4.8	e.10	9.0	2.7	10	12	8.8	7.3	13
12	.07	.14	.65	.62	e.10	12	2.7	10	11	7.8	10	12
13	.06	.13	.64	.25	e.10	11	6.2	12	12	10	11	10
14	.18	.13	.64	1.2	e.10	11	3.8	11	12	12	11	11
15	.10	.13	.71	.95	e.10	9.7	4.0	13	15	12	11	11
16	.11	.24	.69	.22	.12	9.6	5.2	12	17	11	11	11
17	.11	.21	.64	e.10	.14	9.4	6.4	11	13	11	13	11
18	.10	.19	.64	e.10	.16	3.0	7.9	12	14	11	11	11
19	.09	.14	.63	e.10	.16	.35	8.1	12	13	12	11	11
20	.07	.15	.63	e.10	.16	1.6	8.0	12	13	11	12	12
21	.08	.15	.62	e.10	.16	.84	7.1	12	12	11	12	12
22	.09	.13	.62	e.10	.17	1.2	7.2	14	11	6.6	11	14
23	.07	.12	.61	e.10	2.6	5.7	7.2	11	12	4.3	11	14
24	.07	.12	.57	e.10	13	5.7	6.8	11	13	6.4	10	13
25	.10	.27	.11	e.10	13	7.7	5.7	12	14	7.3	11	8.6
26	.11	.15	.08	e.10	12	6.9	5.0	10	13	8.0	11	9.4
27	.11	.16	.08	e.20	11	8.5	4.8	10	13	7.7	9.8	12
28	.10	.11	.08	e.15	11	6.7	4.8	11	12	8.7	8.7	14
29	.10	.10	.08	e.10	---	5.7	4.8	12	12	7.0	9.2	13
30	.11	.11	.08	e.10	---	5.3	4.8	13	12	7.7	10	15
31	.09	---	.16	e.10	---	5.1	---	13	---	8.3	9.0	---
TOTAL	2.80	4.52	11.33	16.84	65.17	244.69	148.8	299.9	382	279.0	311.6	346.0
MEAN	.090	.15	.37	.54	2.33	7.89	4.96	9.67	12.7	9.00	10.1	11.5
MAX	.18	.27	.71	6.1	13	16	8.1	14	17	12	13	15
MIN	.06	.10	.08	.08	.10	.35	2.7	4.4	11	4.3	5.1	8.6
AC-FT	5.6	9.0	22	33	129	485	295	595	758	553	618	686

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1995, BY WATER YEAR (WY)

MEAN	.34	.49	.65	.73	1.09	4.77	5.17	10.2	7.77	4.32	4.40	4.38
MAX	.88	1.23	1.47	1.52	2.33	7.89	6.59	17.4	12.7	9.00	10.1	11.5
(WY)	1994	1994	1994	1994	1995	1995	1994	1994	1995	1995	1995	1995
MIN	.049	.081	.10	.14	.12	.42	3.97	4.66	1.77	.11	.069	.037
(WY)	1993	1993	1993	1993	1993	1993	1993	1993	1992	1994	1994	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1992 - 1995	
ANNUAL TOTAL	1195.68		2112.65			
ANNUAL MEAN	3.28		5.79		4.26	
HIGHEST ANNUAL MEAN					5.79	1995
LOWEST ANNUAL MEAN					3.46	1993
HIGHEST DAILY MEAN	22	Mar 16	17	Jun 16	27	Jul 15 1993
LOWEST DAILY MEAN	.03	Sep 26	.06	Oct 13	.02	Sep 20 1992
ANNUAL SEVEN-DAY MINIMUM	.04	Sep 5	.07	Oct 7	.02	Sep 20 1992
INSTANTANEOUS PEAK FLOW			27	Mar 11	34	Jul 14 1993
INSTANTANEOUS PEAK STAGE			3.02	Mar 11	3.02	Mar 11 1995
ANNUAL RUNOFF (AC-FT)	2370		4190		3090	
10 PERCENT EXCEEDS	15		12		12	
50 PERCENT EXCEEDS	.27		5.2		.82	
90 PERCENT EXCEEDS	.05		.10		.07	

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

10348245 NORTH TRUCKEE DRAIN AT SPANISH SPRINGS ROAD NEAR SPARKS, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June to August 1980, March 1995.

REMARKS.--In March 1995, station was incorporated into the Spanish Springs Valley Project.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)
MAR 28...	1000	7.0	544	8.2	13.5	7.5	74	19	6.5	82

DATE	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)
MAR 28...	4	6.6	163	<1	134	83	28	0.30	19	368

DATE	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	TRITIUM TOTAL (PCI/L) (07000)
MAR 28...	326	0.50	0.010	0.260	0.040	0.170	-95	-12.3	15

PYRAMID AND WINNEMUCCA LAKES BASIN

10348300 NORTH TRUCKEE DRAIN AT KLEPPE LANE NEAR SPARKS, NV

LOCATION.--Lat 39°31'36", long 119°42'30", in NE $^1/_4$ SW $^1/_4$ sec.11, T.19 N., R.20 E., Washoe County, Hydrologic Unit 16050102, on right bank, 0.2 mi above Kleppe Lane bridge in Sparks.

DRAINAGE AREA.--Indeterminate.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1992 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,390 ft above sea level, from topographic map. Gage formerly operated by Federal Court Watermaster at site 0.2 mi downstream.

REMARKS.--Records poor. Flow regulated by Orr Ditch, many diversions in Spanish Springs Valley, and by pumping from the Helms Pit. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.6	9.5	9.0	11	11	19	18	122	129	24	23	23
2	8.8	8.0	7.5	11	8.7	19	18	257	115	25	23	26
3	10	6.6	8.0	10	10	30	20	113	35	23	19	28
4	8.5	8.2	7.8	9.8	8.5	14	17	36	29	23	16	30
5	10	7.2	10	11	8.3	14	18	30	23	22	30	34
6	7.6	8.8	7.6	7.1	10	15	17	23	19	20	43	35
7	9.4	11	9.5	11	8.3	14	19	21	19	17	43	28
8	7.7	8.7	7.5	4.4	10	16	17	23	25	17	36	36
9	8.4	6.8	9.3	5.5	8.2	81	16	24	22	18	18	20
10	11	8.0	8.0	80	9.9	230	18	28	21	18	20	19
11	9.8	10	8.0	38	8.0	270	17	28	21	20	21	19
12	7.6	6.3	11	19	7.8	102	19	34	23	18	21	20
13	8.8	6.6	8.2	13	10	43	20	40	20	23	29	23
14	11	8.4	10	30	9.5	35	20	31	21	27	30	24
15	8.7	6.7	8.5	13	11	27	17	48	12	32	23	38
16	9.1	9.2	10	12	8.1	27	19	30	23	24	23	40
17	13	7.1	8.3	11	10	25	21	34	21	19	30	37
18	9.4	9.7	9.0	11	7.9	19	20	35	22	27	26	36
19	13	5.8	11	8.6	7.7	15	22	36	20	27	38	32
20	9.4	2.9	8.6	11	10	38	20	36	21	29	40	38
21	12	5.6	10	8.8	7.9	24	21	43	23	30	32	31
22	9.0	12	8.9	8.7	7.8	25	19	95	25	22	35	38
23	9.8	9.5	11	11	9.7	33	19	86	24	16	33	32
24	16	7.2	8.6	9.3	21	25	19	92	25	21	36	33
25	9.7	13	8.1	12	19	23	20	70	27	30	32	27
26	13	11	4.5	9.2	18	21	17	72	28	19	41	24
27	e9.0	8.0	1.2	16	21	26	17	84	28	22	26	9.2
28	13	8.7	9.7	11	17	22	22	83	26	34	27	8.9
29	9.5	7.1	11	8.9	---	23	21	90	27	29	30	9.6
30	8.6	7.2	11	11	---	21	30	95	30	24	29	9.8
31	8.3	---	11	8.8	---	18	---	104	---	23	24	---
TOTAL	307.7	244.8	271.8	442.1	304.3	1314	578	1943	904	723	897	808.5
MEAN	9.93	8.16	8.77	14.3	10.9	42.4	19.3	62.7	30.1	23.3	28.9	26.9
MAX	16	13	11	80	21	270	30	257	129	34	43	40
MIN	7.6	2.9	1.2	4.4	7.7	14	16	21	12	16	16	8.9
AC-FT	610	486	539	877	604	2610	1150	3850	1790	1430	1780	1600

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1995, BY WATER YEAR (WY)

MEAN	10.7	10.5	11.0	12.5	11.5	22.1	19.0	40.5	32.9	16.6	19.0	17.9
MAX	12.1	13.2	13.0	14.3	12.7	42.4	19.4	62.7	41.6	23.3	28.9	26.9
(WY)	1994	1994	1994	1995	1993	1995	1994	1995	1993	1995	1995	1995
MIN	9.93	8.16	8.77	11.2	10.9	10.2	18.3	28.5	26.9	9.46	8.92	10.8
(WY)	1995	1995	1995	1994	1994	1993	1993	1994	1994	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1993 - 1995	
ANNUAL TOTAL	5064.2		8738.2			
ANNUAL MEAN	13.9		23.9		18.7	
HIGHEST ANNUAL MEAN					23.9	1995
LOWEST ANNUAL MEAN					14.8	1994
HIGHEST DAILY MEAN	37	Jun 10	270	Mar 11	270	Mar 11 1995
LOWEST DAILY MEAN	1.2	Dec 27	1.2	Dec 27	1.2	Dec 27 1994
ANNUAL SEVEN-DAY MINIMUM	6.7	Nov 15	6.7	Nov 15	6.7	Nov 15 1994
INSTANTANEOUS PEAK FLOW			455	May 2	455	May 2 1995
INSTANTANEOUS PEAK STAGE			7.94	Jun 2	7.94	Jun 2 1995
ANNUAL RUNOFF (AC-FT)	10040		17330		13560	
10 PERCENT EXCEEDS	27		36		32	
50 PERCENT EXCEEDS	10		19		13	
90 PERCENT EXCEEDS	7.9		8.0		8.5	

e Estimated

10348300 NORTH TRUCKEE DRAIN AT KLEPPE LANE NEAR SPARKS, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1993 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1994 to September 1995.
WATER TEMPERATURE: July 1993 to current year.

INSTRUMENTATION.--Specific conductance recorder since October 1995, four times per hour; water temperature recorder since July 1993, four times per hour.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. In May 1994, station was incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Pyramid and Winnemucca Lakes Basin. Records represent water temperature at probe within 0.5°C. Interruptions in record due to instrument malfunctions or probe coming out of the water.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 1,210 microsiemens, January 5, 1995; minimum recorded, 130 microsiemens, June 2, 1995.
WATER TEMPERATURE: Maximum recorded, 27.5°C, July 23, 1994; minimum recorded, 2.0°C, November 20, December 27, 1994.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum recorded, 1,210 microsiemens, January 5; minimum recorded, 130 microsiemens, June 2.
WATER TEMPERATURE: Maximum, 24.0°C, August 4; minimum, 2.0°C, November 20, December 27.

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	653	645	650	664	648	656	717	686	696
2	---	---	---	658	647	652	689	653	661	715	677	694
3	---	---	---	656	644	650	695	637	660	703	676	686
4	---	---	---	652	633	644	688	634	650	709	685	693
5	---	---	---	655	621	640	672	648	658	1210	675	770
6	---	---	---	638	482	577	666	653	659	737	650	682
7	---	---	---	639	482	589	664	648	655	704	327	516
8	---	---	---	657	553	623	660	646	654	703	650	676
9	---	---	---	646	633	639	669	655	661	719	685	699
10	---	---	---	651	636	645	690	648	661	711	171	399
11	---	---	---	638	492	607	653	637	647	702	510	615
12	---	---	---	638	622	632	659	612	649	608	510	559
13	---	---	---	647	623	633	655	639	648	672	608	644
14	---	---	---	662	641	650	677	651	661	684	185	491
15	---	---	---	648	633	640	669	657	665	697	474	636
16	---	---	---	718	643	656	669	651	660	665	645	653
17	---	---	---	683	549	629	664	647	654	679	657	667
18	---	---	---	679	604	647	670	660	664	685	669	676
19	---	---	---	757	632	678	671	661	666	696	675	682
20	---	---	---	915	651	812	664	652	659	697	672	686
21	---	---	---	828	580	740	669	656	662	689	674	681
22	---	---	---	673	632	650	668	652	659	700	680	689
23	---	---	---	670	639	657	673	647	665	696	665	684
24	---	---	---	670	652	660	677	659	666	682	639	667
25	---	---	---	672	423	599	679	665	671	680	650	667
26	---	---	---	778	613	667	754	673	700	672	647	662
27	---	---	---	747	624	675	842	679	794	688	499	617
28	642	628	636	666	610	644	711	683	700	629	488	581
29	651	633	643	653	638	646	706	678	688	677	629	659
30	647	630	639	658	650	654	698	672	685	682	668	676
31	654	638	646	---	---	---	707	688	697	676	661	667
MONTH	---	---	---	915	423	649	842	612	669	1210	171	647

PYRAMID AND WINNEMUCCA LAKES BASIN

10348300 NORTH TRUCKEE DRAIN AT KLEPPE LANE NEAR SPARKS, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	682	632	669	627	408	519	781	742	762	565	415	499
2	671	651	660	634	375	476	775	728	759	620	426	540
3	688	648	667	458	289	379	770	739	757	622	527	571
4	664	648	658	482	389	451	759	724	742	613	557	588
5	670	654	661	497	409	462	761	742	753	621	540	585
6	671	656	664	589	443	493	752	720	736	555	486	517
7	661	652	656	501	467	483	751	735	743	550	484	522
8	672	654	663	615	473	526	750	715	732	577	503	539
9	666	653	661	530	310	428	758	707	732	540	403	467
10	668	656	662	489	323	395	737	713	727	543	452	499
11	665	657	660	707	489	625	730	691	713	491	391	439
12	671	659	664	707	517	563	741	713	726	524	297	412
13	668	641	659	648	524	574	715	577	644	449	199	325
14	671	596	638	637	543	583	727	673	698	429	302	372
15	659	635	650	626	562	587	692	668	677	427	204	314
16	662	650	654	658	561	598	676	608	651	381	292	338
17	661	649	656	666	560	599	694	644	665	468	240	385
18	667	649	657	722	574	638	662	614	631	503	418	452
19	666	656	661	787	722	758	659	607	630	483	413	450
20	666	653	660	807	454	653	634	587	607	423	373	404
21	663	621	641	820	623	749	658	615	632	422	363	391
22	651	621	638	858	550	770	617	585	605	420	158	318
23	713	637	649	994	602	767	608	573	594	571	284	457
24	791	370	455	869	787	831	640	601	617	512	466	489
25	421	366	389	855	830	840	665	621	642	466	320	394
26	428	381	401	836	798	821	648	609	629	498	431	468
27	548	402	470	821	775	792	636	605	620	465	360	424
28	523	423	457	793	760	781	659	610	635	459	405	436
29	---	---	---	790	758	778	637	582	611	461	408	438
30	---	---	---	764	723	747	590	552	570	426	372	393
31	---	---	---	765	723	747	---	---	---	416	379	395
MONTH	791	366	617	994	289	626	781	552	675	622	158	446

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	406	210	365	472	392	424	554	338	448	595	410	502
2	398	130	328	428	371	399	556	350	438	581	402	498
3	508	379	438	461	407	433	580	339	495	593	419	513
4	479	365	408	501	418	455	390	251	297	573	395	451
5	505	369	418	616	471	556	636	390	497	626	372	479
6	485	425	445	497	433	463	642	402	527	597	414	504
7	454	392	432	571	456	491	606	387	505	564	434	480
8	451	397	420	585	454	490	626	425	521	595	449	520
9	436	376	409	514	459	477	621	466	553	505	309	340
10	397	345	375	578	460	501	620	454	534	322	300	310
11	408	339	376	560	428	484	617	429	520	322	293	305
12	454	359	396	501	432	465	564	392	477	433	301	335
13	530	365	423	618	472	552	514	360	417	574	403	468
14	442	365	397	599	466	509	585	375	481	574	452	506
15	456	223	346	623	472	536	573	357	447	588	452	516
16	411	186	330	652	623	642	481	360	409	520	459	482
17	426	376	399	656	493	618	436	345	382	565	465	498
18	433	340	382	558	484	519	596	340	424	587	479	521
19	408	363	383	567	492	540	596	424	519	613	437	499
20	475	374	415	606	453	530	614	401	513	555	439	495
21	512	415	458	608	401	472	596	394	479	472	392	411
22	492	413	458	555	404	463	521	298	405	460	389	429
23	490	426	452	613	555	598	609	356	473	389	359	373
24	505	402	436	641	549	612	580	379	460	403	341	361
25	517	382	428	643	480	570	627	339	471	461	381	413
26	515	389	452	594	390	490	606	406	505	535	415	471
27	584	436	488	638	491	558	558	360	430	447	397	416
28	624	428	496	644	404	559	633	406	505	407	362	382
29	537	389	443	636	428	546	595	427	506	459	362	391
30	528	367	424	630	420	541	622	382	505	446	353	382
31	---	---	---	603	370	475	594	404	494	---	---	---
MONTH	624	130	414	656	370	515	642	251	472	626	293	442

PYRAMID AND WINNEMUCCA LAKES BASIN

10348300 NORTH TRUCKEE DRAIN AT KLEPPE LANE NEAR SPARKS, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	17.5	13.5	15.5	11.0	10.0	10.5	9.0	7.0	8.0	6.0	5.0	5.5
2	17.5	14.0	15.5	10.5	9.0	9.5	9.5	7.5	8.5	6.5	5.0	5.5
3	16.0	13.0	14.5	9.5	8.0	9.0	10.5	8.5	9.5	7.0	6.0	6.0
4	14.0	12.5	13.0	9.5	7.5	8.5	10.0	8.5	9.0	6.5	5.5	6.0
5	13.5	12.0	13.0	10.0	9.0	9.5	9.5	7.5	8.5	8.0	4.5	6.0
6	15.5	12.0	13.5	10.5	9.0	10.0	9.0	7.5	8.0	8.5	6.0	7.0
7	15.5	11.5	13.5	10.5	9.5	10.0	7.5	6.5	7.0	7.5	3.0	6.0
8	15.5	11.5	13.5	11.0	9.5	10.0	7.0	5.5	6.0	8.5	7.5	7.5
9	15.5	12.0	14.0	10.5	8.5	9.5	7.0	5.0	6.0	9.0	7.0	8.0
10	15.5	13.0	14.0	9.0	8.0	8.5	6.5	5.0	6.0	10.0	4.0	6.5
11	16.0	13.0	14.0	10.5	7.0	8.5	7.5	5.5	6.5	7.5	3.5	5.5
12	15.5	13.0	14.0	9.5	8.0	9.0	8.5	6.5	7.5	8.0	6.0	7.0
13	14.0	11.5	12.5	8.0	7.0	7.5	8.5	7.0	7.5	9.5	7.5	8.5
14	12.5	11.0	12.0	8.0	5.5	7.0	7.5	6.5	7.0	10.0	5.5	8.0
15	11.0	9.5	10.0	8.0	6.5	7.5	7.5	6.5	7.0	8.5	6.0	7.5
16	10.5	8.5	9.5	7.5	5.0	7.0	8.5	6.5	7.5	8.5	6.0	7.0
17	12.0	8.5	10.0	7.0	4.5	6.0	8.5	7.5	8.0	8.0	6.5	7.5
18	13.0	9.5	11.0	8.0	4.5	5.5	8.0	7.5	8.0	9.0	7.5	8.0
19	13.5	10.0	12.0	5.5	3.5	4.5	8.5	6.5	7.5	9.5	7.5	8.5
20	14.0	11.0	12.5	5.5	2.0	4.0	8.5	7.0	8.0	9.0	7.0	8.0
21	14.0	10.5	12.5	6.5	3.0	4.5	9.5	7.5	8.0	9.5	8.0	8.5
22	14.0	10.5	12.5	7.5	6.0	6.5	8.5	7.0	8.0	9.0	7.5	8.5
23	13.5	10.5	12.5	7.0	5.0	6.0	9.5	6.5	7.5	10.0	8.0	9.0
24	14.0	11.0	12.5	8.0	6.0	6.5	8.0	7.0	7.5	10.5	8.5	9.5
25	14.5	11.5	13.0	7.5	4.0	6.0	8.0	7.0	7.5	11.0	9.0	10.0
26	14.0	11.5	12.5	6.5	5.5	6.5	7.0	5.0	6.5	10.0	8.5	9.5
27	---	---	---	7.0	5.0	6.0	6.0	2.0	3.5	9.5	6.5	7.5
28	13.5	11.0	12.0	7.5	6.0	7.0	8.0	5.5	7.0	8.5	7.0	8.0
29	12.5	10.5	11.5	8.5	6.0	7.0	7.5	6.5	7.0	10.0	8.5	9.0
30	12.0	9.5	11.0	8.5	6.5	7.5	7.0	5.5	6.5	11.0	9.0	10.0
31	11.5	9.0	10.5	---	---	---	6.5	5.5	6.0	12.5	10.5	11.5
MONTH	---	---	---	11.0	2.0	7.5	10.5	2.0	7.3	12.5	3.0	7.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	12.5	10.5	11.5	12.5	9.0	10.5	14.5	10.5	12.0	14.0	11.5	13.0
2	12.5	10.0	11.0	11.5	8.5	10.0	16.5	9.0	12.0	15.5	9.5	12.5
3	12.0	9.5	11.0	10.0	6.0	8.5	16.5	9.0	13.0	17.5	10.0	14.0
4	12.5	9.5	11.0	11.0	5.0	7.5	18.0	11.0	14.0	19.5	13.5	15.5
5	12.0	9.5	10.5	11.5	5.5	8.0	15.5	11.0	13.0	14.5	11.5	13.0
6	12.0	9.0	10.5	12.0	5.0	8.0	15.0	11.0	12.5	13.5	10.0	12.0
7	12.0	9.5	11.0	12.0	5.5	8.5	15.0	11.0	12.5	16.0	10.0	13.0
8	12.0	10.0	10.5	11.5	7.0	9.5	15.0	9.0	11.0	17.0	11.0	14.0
9	12.5	10.0	11.0	11.0	8.0	9.5	15.0	8.0	11.0	15.0	12.0	13.5
10	12.5	9.5	10.5	8.5	6.0	7.5	16.0	8.5	12.0	17.0	10.5	14.0
11	12.0	9.0	10.5	9.5	5.5	7.5	17.5	10.5	13.5	16.0	11.5	13 .
12	10.5	8.0	9.0	11.0	6.0	8.5	16.0	11.5	13.5	14.0	9.5	12.0
13	9.0	6.5	8.0	12.0	6.5	9.0	11.5	9.0	10.0	13.5	7.5	11.0
14	10.5	6.5	8.0	11.5	8.0	9.5	12.5	7.5	10.5	16.5	9.5	13.0
15	10.0	7.0	8.5	13.5	8.5	10.5	12.0	8.5	10.0	16.0	9.5	12.5
16	9.5	8.0	9.0	14.5	8.5	11.0	10.0	7.5	9.0	20.0	10.0	15.0
17	10.5	7.5	9.0	14.0	8.0	11.0	11.5	7.0	9.5	19.0	12.5	15.5
18	12.0	9.0	10.5	12.5	9.5	11.0	11.0	8.0	9.5	21.5	13.5	17.5
19	13.0	9.0	11.0	14.0	9.0	11.0	14.0	6.5	10.0	22.0	13.5	17.5
20	13.5	9.5	11.5	11.0	8.0	9.5	11.0	8.0	9.5	22.5	13.5	18.0
21	14.0	10.5	12.0	11.0	7.5	9.0	13.0	6.5	10.0	21.0	13.5	17.5
22	14.0	10.0	11.5	9.0	3.5	6.5	17.5	8.5	12.5	17.5	13.5	15.0
23	13.5	10.0	12.0	9.0	4.5	6.5	18.5	9.5	14.0	21.0	12.0	16.0
24	13.5	7.0	10.5	11.0	5.5	7.5	18.5	11.0	15.0	19.5	13.5	16.0
25	13.5	7.0	10.0	10.0	5.5	7.5	18.0	12.5	15.0	21.0	11.5	16.0
26	13.0	7.0	9.5	13.0	5.0	8.5	18.5	12.5	15.0	21.5	13.5	17.5
27	13.0	7.0	10.0	13.0	5.0	9.0	15.0	12.0	13.5	19.0	15.0	17.0
28	11.5	8.0	10.0	13.0	7.0	9.5	14.0	11.5	13.0	22.5	13.5	17.5
29	---	---	---	14.5	7.0	10.5	16.5	12.0	14.0	22.5	14.0	18.5
30	---	---	---	15.5	10.0	12.5	16.5	10.5	13.5	23.0	15.5	19.0
31	---	---	---	16.5	8.5	12.0	---	---	---	23.0	16.5	19.5
MONTH	14.0	6.5	10.3	16.5	3.5	9.2	18.5	6.5	12.1	23.0	7.5	15.1

PYRAMID AND WINNEMUCCA LAKES BASIN

10348300 NORTH TRUCKEE DRAIN AT KLEPPE LANE NEAR SPARKS, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	21.5	16.5	19.0	20.0	17.0	18.5	22.0	17.5	19.5	21.5	15.5	18.5
2	18.5	14.0	16.0	20.0	17.0	18.5	21.0	17.5	19.5	22.0	16.0	19.0
3	21.0	14.0	17.5	21.5	17.0	19.0	23.0	17.5	20.0	21.5	17.0	19.0
4	21.5	16.0	19.0	22.5	18.0	20.0	24.0	19.0	21.5	21.0	15.5	18.0
5	19.5	14.5	16.5	23.0	18.5	20.5	23.5	19.5	21.5	20.0	14.0	17.0
6	16.0	12.5	14.0	22.5	18.5	20.5	22.5	19.0	20.5	20.0	14.5	17.5
7	14.5	11.5	13.0	22.0	18.0	20.0	22.0	18.0	20.0	20.5	14.5	17.5
8	15.5	11.0	13.5	20.0	18.0	19.0	21.0	17.0	19.0	19.5	14.5	17.0
9	19.0	12.0	15.5	22.0	17.5	19.5	22.0	16.5	19.0	21.5	14.0	18.0
10	20.5	14.5	17.5	21.5	17.0	19.0	21.5	17.0	19.0	21.5	14.0	18.0
11	20.5	14.5	18.0	21.0	17.0	19.0	21.5	15.5	18.5	22.0	14.5	18.0
12	21.0	14.5	18.0	19.5	16.0	18.0	22.0	16.5	19.0	21.5	14.5	18.0
13	19.0	15.5	17.5	21.0	16.5	18.0	22.0	16.0	19.0	21.5	15.0	18.0
14	17.0	14.0	15.0	21.5	17.0	19.0	21.5	16.5	19.5	20.5	15.0	18.0
15	14.5	12.0	13.5	22.5	18.0	19.5	22.5	17.5	20.0	20.0	15.5	18.0
16	16.5	10.0	13.0	22.5	18.0	20.0	21.5	16.5	19.0	20.0	16.5	18.5
17	16.5	13.5	15.0	22.0	18.0	20.0	20.5	16.0	18.5	19.5	15.0	17.5
18	17.5	13.0	15.0	22.0	18.0	20.0	21.0	14.5	17.5	19.5	15.0	17.5
19	18.0	12.5	15.5	22.0	18.5	20.0	20.5	15.5	18.0	19.5	14.5	17.0
20	18.5	14.0	16.0	22.5	18.5	20.0	21.0	16.5	18.5	20.0	15.5	17.5
21	19.5	14.5	17.0	22.5	18.5	20.0	22.5	18.0	20.0	18.5	14.5	16.5
22	21.0	15.5	18.0	22.0	17.0	19.5	23.5	18.5	20.5	18.0	14.0	16.0
23	21.5	17.0	19.5	22.5	16.5	19.0	22.0	18.0	20.0	19.0	13.5	16.5
24	22.5	18.0	20.5	21.5	16.5	19.0	22.0	18.0	20.0	18.5	13.5	16.0
25	23.0	18.5	21.0	21.5	17.5	19.0	22.0	16.5	19.0	18.0	13.0	15.5
26	22.0	19.5	20.5	23.0	16.5	19.5	20.5	16.0	18.5	18.0	13.5	15.5
27	21.5	18.0	19.5	22.5	17.0	19.5	21.0	15.0	18.0	18.0	12.0	15.0
28	22.0	18.5	20.0	22.0	18.5	20.0	20.0	14.5	17.0	16.5	11.5	14.0
29	21.5	18.0	20.0	21.5	18.5	19.5	20.5	14.5	17.5	16.5	11.0	14.0
30	20.0	18.0	19.5	21.0	17.5	19.0	20.0	14.0	17.0	16.0	10.0	13.5
31	---	---	---	22.0	17.0	19.0	21.5	15.0	18.0	---	---	---
MONTH	23.0	10.0	17.1	23.0	16.0	19.4	24.0	14.0	19.1	22.0	10.0	17.0

PYRAMID AND WINNEMUCCA LAKES BASIN

10348460 FRANKTOWN CREEK NEAR CARSON CITY, NV

LOCATION.--Lat 39°12'12", long 119°52'17", in SW $^1/_4$ SE $^1/_4$ sec.32, T.16 N., R.19 E., Washoe County, Hydrologic Unit 16050102, in Toiyabe National Forest, on right bank, 300 ft upstream from Red House diversion dam, 0.2 mi upstream from Red House, and 6.1 mi northwest of Carson City.

DRAINAGE AREA.--3.24 mi^2.

PERIOD OF RECORD.--June 1974 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 7,380 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by Hobart Reservoir, and by pumping from Marlette Lake (station 10336710) during dry years. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

REVISIONS.--WDR NV-94-1: 1980 (P), 1982-1985 (P).

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.8	.96	1.3	.96	1.7	e1.6	2.1	14	20	14	4.4	2.7
2	1.8	1.0	1.4	.96	2.0	e1.5	2.2	8.6	20	13	4.2	2.7
3	1.8	1.0	1.4	.96	7.2	e1.4	2.4	7.7	19	14	4.2	2.7
4	1.8	1.0	1.4	.97	3.6	e1.4	2.6	7.5	21	13	4.2	2.6
5	2.1	1.5	e1.2	e1.0	2.3	e1.5	3.2	7.5	17	12	4.0	2.5
6	2.2	1.8	e1.1	e.95	2.2	1.6	4.2	6.8	14	12	4.0	2.4
7	1.9	1.3	e1.0	1.1	2.1	1.5	4.4	6.1	12	11	3.9	2.5
8	1.7	1.3	e1.0	1.0	2.1	1.5	4.2	6.8	11	11	3.8	2.4
9	1.7	1.2	1.1	1.0	1.9	4.2	3.7	7.3	12	10	3.8	2.5
10	1.7	1.2	1.2	e.95	1.9	5.0	3.4	7.5	14	9.8	3.8	2.5
11	2.2	1.2	1.2	e.97	1.7	4.2	3.5	8.1	16	9.2	3.6	2.5
12	2.7	1.2	1.2	1.0	e1.6	3.0	4.3	8.0	16	8.7	3.6	2.5
13	2.4	1.2	e1.0	e1.0	e1.5	2.6	5.0	7.3	16	8.5	3.5	2.5
14	1.6	1.2	e1.0	e1.2	e1.5	2.7	4.1	7.0	15	8.2	3.4	2.5
15	1.2	1.2	e1.0	e1.1	e1.6	2.9	3.5	6.7	15	7.6	3.4	2.5
16	1.2	1.2	1.1	e1.0	1.6	3.2	3.3	6.6	14	7.4	3.4	2.3
17	1.1	e1.2	1.0	1.1	1.6	3.2	3.0	7.7	14	7.0	3.4	2.2
18	1.1	e1.2	1.0	1.0	1.4	4.5	3.0	9.1	14	7.9	3.4	2.3
19	1.1	e1.2	.98	1.0	1.4	5.1	2.7	11	14	7.9	3.3	2.4
20	1.0	e1.2	.96	1.0	1.6	4.7	5.9	12	13	6.9	3.2	2.4
21	1.0	e1.1	.96	1.0	1.6	4.2	2.4	13	13	6.5	3.2	2.4
22	.96	e1.2	.96	1.0	1.7	e3.6	2.4	15	13	6.0	3.2	2.4
23	.87	e1.2	.96	1.0	1.6	e3.5	2.6	13	14	5.9	3.3	2.4
24	.84	e1.2	.96	1.0	1.6	e2.6	3.2	11	14	5.5	3.2	2.4
25	.84	e1.3	.96	1.0	1.6	2.4	5.0	11	14	5.2	3.1	2.4
26	.84	e1.2	.96	1.0	1.6	2.2	6.2	15	14	4.9	3.0	2.4
27	.84	e1.2	.96	1.0	1.6	2.1	6.1	17	14	4.6	2.9	2.4
28	.84	e1.2	.96	1.0	1.6	2.1	5.5	17	14	4.5	2.9	2.4
29	.84	1.3	.95	.96	---	2.1	6.0	18	14	4.6	2.8	2.4
30	.84	1.3	1.3	.97	---	2.0	7.8	20	14	4.4	2.8	2.5
31	.84	---	.96	1.3	---	2.0	---	22	---	4.6	2.8	---
TOTAL	43.65	36.46	33.43	31.45	55.4	86.1	117.9	335.3	445	255.8	107.7	73.7
MEAN	1.41	1.22	1.08	1.01	1.98	2.78	3.93	10.8	14.8	8.25	3.47	2.46
MAX	2.7	1.8	1.4	1.3	7.2	5.1	7.8	22	21	14	4.4	2.7
MIN	.84	.96	.95	.95	1.4	1.4	2.1	6.1	11	4.4	2.8	2.2
AC-FT	87	72	66	62	110	171	234	665	883	507	214	146

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 1995, BY WATER YEAR (WY)

MEAN	2.11	2.23	2.11	2.08	2.74	2.60	4.63	7.48	5.89	2.96	2.17	1.91
MAX	5.42	6.55	5.83	4.73	10.3	6.10	9.00	18.8	27.4	11.7	7.22	5.06
(WY)	1984	1984	1984	1984	1986	1986	1982	1984	1983	1983	1983	1983
MIN	.97	.94	1.08	1.01	1.04	1.29	2.09	1.08	.93	.86	.67	.70
(WY)	1982	1991	1995	1995	1992	1991	1991	1992	1992	1977	1977	1977

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1974 - 1995	
ANNUAL TOTAL	648.74		1621.89			
ANNUAL MEAN	1.78		4.44		3.25	
HIGHEST ANNUAL MEAN					7.67	1983
LOWEST ANNUAL MEAN					1.45	1992
HIGHEST DAILY MEAN	5.5	Apr 18	22	May 31	65	Feb 16 1986
LOWEST DAILY MEAN	.84	Oct 24	.84	Oct 24	.48	Sep 9 1976
ANNUAL SEVEN-DAY MINIMUM	.84	Oct 24	.84	Oct 24	.49	Sep 13 1976
INSTANTANEOUS PEAK FLOW			31	May 31	89	Feb 16 1986
INSTANTANEOUS PEAK STAGE			2.97	May 31	3.64	Feb 16 1986
ANNUAL RUNOFF (AC-FT)	1290		3220		2350	
10 PERCENT EXCEEDS	3.0		13		6.7	
50 PERCENT EXCEEDS	1.5		2.4		2.0	
90 PERCENT EXCEEDS	1.1		1.0		1.1	

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

10348700 WASHOE LAKE NEAR CARSON CITY, NV

LOCATION.--Lat 39°14'08", long 119°46'02", in NE $^1/_4$ SE $^1/_4$ sec.19, T.16 N., R.20 E., Washoe County, Hydrologic Unit 16050102, at Washoe Lake State Park, and 4.75 mi north of Carson City.

DRAINAGE AREA.--83.8 mi^2, including Little Washoe Lake.

PERIOD OF RECORD.--April 1963 to September 1982, July 1988 to January 1989, July and August 1989, October 1989, March 1990 to February 1995 (monthend contents only), October 1982 to June 30, 1988, February 19 to July 17, and September 1-30, 1989, November 17, 1989 to February 21, 1990, March 24, 1995 to September 1995 (daily elevations).

GAGE.--Water-stage recorder. Datum of gage is above sea level. Prior to October 1, 1982, nonrecording gage at different site but same datum.

REMARKS.--Lake is formed by a natural basin whose natural rim falls below the control works on Little Washoe Lake allowing storage regulation. Total capacity 55,700 acre-ft between elevations 5,017.5 ft and 5,032.0 ft. Figures given herein represent total contents including Scripps Wildlife Management Area Marsh. Two transarea diversions enter the lakes, one from Galena Creek and one from Third Creek into Ophir Creek. Franktown Creek is diverted into the Virginia City-Carson City pipeline and during dry years additional water is pumped from Marlette Lake into Hobart Reservoir and released into Franktown Creek for diversion into the Virginia City-Carson City pipeline at Red House. Beginning August 24, 1990, elevations have been obtained by levels from Reference Mark-N at the north end of Washoe Lake. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 5,027.15 ft, July 5; no contents October 1 to November 5.

Capacity table (elevation, in feet, and volume, in acre-feet)

5,017.5	0	5,021	4,300	5,025	17,300
5,018	100	5,022	7,000	5,026	21,700
5,019	800	5,023	10,000	5,027	26,600
5,020	2,200	5,024	13,400	5,028	32,000

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY OBSERVATION AT 24:00 VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	5023.57	5024.66	5026.06	5026.98	5027.35	5026.75
2	---	---	---	---	---	---	5023.59	5024.81	5026.14	5027.02	5027.33	5026.73
3	---	---	---	---	---	---	5023.63	5024.88	5026.19	5027.04	5027.33	5026.72
4	---	---	---	---	---	---	5023.66	5024.94	5026.22	5027.08	5027.31	5026.71
5	---	---	---	---	---	---	5023.67	5024.96	5026.21	5027.07	5027.28	5026.68
6	---	---	---	---	---	---	5023.71	5025.02	5026.26	5027.09	5027.25	5026.66
7	---	---	---	---	---	---	5023.78	5025.07	5026.30	5027.11	5027.24	5026.63
8	---	---	---	---	---	---	5023.78	5025.09	5026.32	5027.16	5027.22	5026.61
9	---	---	---	---	---	---	5023.80	5025.11	5026.35	5027.19	5027.20	5026.60
10	---	---	---	---	---	---	5023.82	5025.14	5026.36	5027.21	5027.17	5026.58
11	---	---	---	---	---	---	5023.85	5025.16	5026.39	5027.22	5027.17	5026.58
12	---	---	---	---	---	---	5023.83	5025.17	5026.41	5027.22	5027.14	5026.55
13	---	---	---	---	---	---	5023.91	5025.24	5026.44	5027.26	5027.13	5026.55
14	---	---	---	---	---	---	5023.95	5025.34	5026.44	5027.28	5027.12	5026.51
15	---	---	---	---	---	---	5024.00	5025.41	5026.49	5027.29	5027.06	5026.48
16	---	---	---	---	---	---	5024.02	5025.46	5026.58	5027.30	5027.03	5026.52
17	---	---	---	---	---	---	5024.07	5025.49	5026.59	5027.33	5027.03	5026.46
18	---	---	---	---	---	---	5024.06	5025.52	5026.60	5027.35	5027.02	5026.46
19	---	---	---	---	---	---	5024.07	5025.53	5026.63	5027.39	5027.02	5026.48
20	---	---	---	---	---	---	5024.12	5025.55	5026.65	5027.39	5027.00	5026.42
21	---	---	---	---	---	---	5024.16	5025.59	5026.68	5027.38	5027.00	5026.40
22	---	---	---	---	---	---	5024.18	5025.68	5026.71	5027.39	5026.98	5026.37
23	---	---	---	---	---	---	5024.19	5025.73	5026.73	5027.39	5026.95	5026.43
24	---	---	---	---	---	5034.14	5024.22	5025.82	5026.75	5027.40	5026.94	5026.36
25	---	---	---	---	---	5023.23	5024.22	5025.87	5026.78	5027.38	5026.90	5026.33
26	---	---	---	---	---	5023.31	5024.23	5025.91	5026.82	5027.38	5026.88	5026.37
27	---	---	---	---	---	5023.37	5024.27	5025.93	5026.85	5027.37	5026.85	5026.33
28	---	---	---	---	e5020.50	5023.44	5024.39	5025.98	5026.90	5027.38	5026.80	5026.31
29	---	---	---	---	---	5023.48	5024.48	5026.01	5026.92	5027.35	5026.80	5026.26
30	---	e5019.10	---	---	---	5023.52	5024.45	5026.04	5026.94	5027.36	5026.80	5026.25
31	---	---	e5019.18	e5019.94	---	5023.55	---	5026.08	---	5027.36	5026.76	---
MAX	---	---	---	---	---	---	5024.48	5026.08	5026.94	5027.40	5027.35	5026.75
MIN	---	---	---	---	---	---	5023.57	5024.66	5026.06	5026.98	5026.76	5026.25
@	0	900	979	2080	3250	11800	15100	22100	26300	28500	25400	22900
@@	--	+900	+79	+1100	+1170	+8550	+6550	+7000	+4200	+2200	-3100	-2500

CAL YR 1994 MAX 5020.53 MIN 5018.62 @@ -1801
WTR YR 1995 MAX 5027.40 MIN 5019.10 @@ +26500

@ Elevation, in feet above sea level, at end of month.
@@ Change in contents, in acre-feet.

e Estimated

10348800 LITTLE WASHOE LAKE NEAR STEAMBOAT, NV

LOCATION.--Lat 39°19'45", long 119°48'00", in NE $^1/_4$ NW $^1/_4$ sec.24, T.17 N., R.19 E., Washoe County, Hydrologic Unit 16050102, at outlet (head of Steamboat Creek), and 5.5 mi southwest of Steamboat.

DRAINAGE AREA.--83.8 mi^2.

PERIOD OF RECORD.--April 1963 to September 1970, October 1982 to current year (monthly observations only), October 1970 to September 1982 (daily elevations).

GAGE.--Nonrecording gage. Datum of gage is above sea level. From October 1970 to September 1982, recording gage at same site and datum.

REMARKS.--Lake is formed by a natural basin supplemented by a control works downstream from the natural rim which provides storage regulation for both Little Washoe Lake and Washoe Lake. See additional remarks under "Washoe Lake (station 10348700)." See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

EXTREMES FOR CURRENT YEAR.--Maximum elevation observed, 5,027.6 ft, June 12; minimum observed, 5,023.1 ft, November 1.

MONTHEND ELEVATION, IN FEET ABOVE SEA LEVEL, AND TOTAL CONTENTS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

Date	Elevation (feet)	Contents (acre-feet)	Change in Contents (acre-feet)
September 30	5,023.3	72	--
October 31	5,023.1	58	-14
November 30	5,024.1	132	+74
December 31	5,025.3	230	+98
CALENDAR YEAR 1994	--	--	-150
January 31	5,026.9	390	+160
February 28	5,027.1	410	+20
March 31	5,027.4	440	+30
April 30	5,027.3	430	-10
May 31	5,027.5	450	+20
June 30	5,027.8	480	+30
July 31	5,027.5	450	-30
August 31	5,026.9	390	-60
September 30	5,026.6	360	-30
WATER YEAR 1995	--	--	+288

NOTE.--Monthend elevations are interpolated from readings made during the year.

PYRAMID AND WINNEMUCCA LAKES BASIN

10348850 GALENA CREEK AT GALENA STATE PARK, NV

LOCATION.--Lat 39°21'16", long 119°51'27", in SE $^1/_4$ NW $^1/_4$ sec.9, T.17 N., R.19 E., Washoe County, Hydrologic Unit 16050102, on right bank, at Galena State Park, 0.2 mi west of State Highway 431, and 3.5 mi northwest of Washoe City.

DRAINAGE AREA.--7.69 mi^2.

PERIOD OF RECORD.--October 1984 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,320 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e6.4	7.1	e5.5	e4.7	6.3	5.7	7.6	26	67	74	37	19
2	e5.8	6.9	e6.0	e4.6	6.0	5.5	7.7	17	63	72	35	18
3	e5.2	5.6	e6.0	e4.6	5.5	5.7	8.0	17	62	64	34	18
4	e4.8	6.6	e5.5	e4.6	5.6	6.3	9.0	18	63	55	33	18
5	e4.4	7.0	e5.3	e4.6	5.5	5.4	9.8	17	57	48	32	17
6	e4.0	7.6	e5.1	e4.7	5.4	5.6	10	15	38	36	31	18
7	4.5	6.8	e5.0	e4.8	5.3	5.5	11	15	25	40	30	17
8	5.3	6.4	e5.0	e4.9	5.2	5.6	9.7	15	19	76	30	17
9	5.4	7.1	e4.9	e5.2	5.2	19	9.0	15	22	70	29	17
10	5.4	7.7	e4.8	9.6	5.7	16	9.5	16	31	46	28	17
11	4.5	7.8	e4.7	9.0	5.6	e11	10	18	39	47	27	16
12	4.6	7.2	e4.7	5.0	5.6	e8.9	12	16	48	44	26	16
13	5.0	e6.1	e4.7	6.4	e5.4	e8.3	12	14	38	36	25	16
14	5.6	e5.5	e4.7	7.5	e5.3	e8.0	10	13	45	31	25	16
15	6.2	e5.1	e4.7	5.3	e5.2	e8.0	10	13	41	34	24	16
16	6.6	e4.8	e4.7	5.1	5.1	e8.9	9.5	13	33	44	23	15
17	6.6	e4.8	e4.7	7.9	5.1	e9.9	8.6	16	31	48	24	15
18	6.8	e4.7	e4.7	4.7	5.0	e9.4	8.7	21	32	56	24	15
19	6.4	e4.7	e4.7	4.5	5.1	e11	9.1	26	31	45	24	15
20	6.4	e4.7	e4.8	4.4	5.4	e8.5	9.1	30	29	45	24	15
21	7.1	e4.7	e4.9	4.3	5.7	e7.0	8.1	31	30	47	25	15
22	7.1	e4.7	e4.9	4.3	5.7	e6.2	8.6	36	35	47	24	15
23	5.6	e4.8	e4.9	4.3	5.8	e6.2	9.6	33	53	45	24	14
24	6.1	e4.8	e5.0	4.3	6.1	e6.1	12	29	67	43	22	14
25	6.8	e4.9	e5.0	4.2	6.2	e6.1	15	30	75	44	21	14
26	6.9	e5.0	e5.0	4.0	6.1	e6.1	15	34	75	42	21	13
27	6.8	e5.0	e5.0	4.0	5.8	e6.3	15	32	74	43	20	13
28	7.1	e5.0	e5.0	4.0	5.9	6.6	13	37	70	44	20	13
29	7.0	e5.0	e5.0	4.2	---	6.6	15	50	69	44	19	13
30	7.1	e5.2	e4.9	4.3	---	6.7	15	59	68	41	19	13
31	7.5	---	e4.7	5.3	---	7.2	---	71	---	38	19	---
TOTAL	185.0	173.3	154.5	159.3	155.8	243.3	316.6	793	1430	1489	799	468
MEAN	5.97	5.78	4.98	5.14	5.56	7.85	10.6	25.6	47.7	48.0	25.8	15.6
MAX	7.5	7.8	6.0	9.6	6.3	19	15	71	75	76	37	19
MIN	4.0	4.7	4.7	4.0	5.0	5.4	7.6	13	19	31	19	13
AC-FT	367	344	306	316	309	483	628	1570	2840	2950	1580	928

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 1995, BY WATER YEAR (WY)

MEAN	6.64	6.77	6.01	5.51	6.04	7.39	12.8	17.8	19.5	12.7	7.86	6.23
MAX	15.9	17.3	12.3	8.15	9.24	12.8	20.9	32.5	51.7	48.0	25.8	15.6
(WY)	1985	1985	1985	1986	1986	1986	1989	1986	1986	1995	1995	1995
MIN	4.05	4.53	4.47	3.86	4.06	5.24	5.04	7.31	4.98	4.46	3.40	3.03
(WY)	1993	1991	1992	1993	1993	1991	1991	1992	1992	1992	1988	1991

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1985 - 1995	
ANNUAL TOTAL	2639.8		6366.8			
ANNUAL MEAN	7.23		17.4		9.62	
HIGHEST ANNUAL MEAN					17.4	1995
LOWEST ANNUAL MEAN					5.21	1992
HIGHEST DAILY MEAN	23	Apr 18	76	Jul 8	76	Jul 8 1995
LOWEST DAILY MEAN	4.0	Oct 6	4.0	Oct 6	2.6	Sep 4 1991
ANNUAL SEVEN-DAY MINIMUM	4.5	Aug 10	4.1	Jan 23	2.6	Sep 14 1991
INSTANTANEOUS PEAK FLOW			99	Jun 25	99	Jun 25 1995
INSTANTANEOUS PEAK STAGE			2.28	Jun 25	2.28	Jun 25 1995
ANNUAL RUNOFF (AC-FT)	5240		12630		6970	
10 PERCENT EXCEEDS	11		44		19	
50 PERCENT EXCEEDS	6.8		9.0		6.5	
90 PERCENT EXCEEDS	4.7		4.7		4.1	

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

10349300 STEAMBOAT CREEK AT STEAMBOAT, NV

LOCATION.--Lat 39°22'40", long 119°44'33", in SE $^1/_4$ SW $^1/_4$ sec.33, T.18 N., R.20 E., Washoe County, Hydrologic Unit 16050102, on left bank, 250 ft upstream from Steamboat Ditch, 0.8 mi southwest of Steamboat Post Office, and 11 mi southeast of Reno.

DRAINAGE AREA.--123 mi^2.

PERIOD OF RECORD.--October 1961 to current year.

GAGE.--Water-stage recorder and concrete control. Elevation of gage is 4,600 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Many diversions for irrigation above station. Flow partly regulated by Washoe Lake (station 10348700). See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.3	2.4	2.6	3.9	5.0	3.6	10	29	50	77	33	9.3
2	2.0	3.1	2.9	3.7	4.7	2.9	9.2	26	50	75	32	9.0
3	1.8	3.5	3.1	2.4	4.1	10	8.1	22	49	78	30	6.9
4	2.7	4.3	3.7	2.2	4.0	5.5	7.5	19	50	77	28	7.4
5	3.6	6.5	3.2	2.3	4.0	5.9	7.6	18	50	74	27	7.7
6	3.7	7.7	2.7	2.0	3.8	4.5	8.0	19	41	80	23	6.2
7	2.9	6.0	2.6	7.9	3.6	3.5	7.5	16	38	82	23	6.6
8	2.6	3.5	2.4	8.2	3.4	3.4	7.5	13	33	81	22	7.3
9	2.3	2.3	2.9	7.6	3.4	53	6.4	14	33	78	20	7.4
10	2.8	2.6	2.9	80	3.3	229	5.0	15	39	74	19	5.0
11	1.9	2.3	2.6	22	3.4	97	5.6	16	42	70	18	5.2
12	1.6	2.1	2.8	10	3.0	28	6.0	16	41	66	18	5.3
13	1.7	3.6	2.8	16	3.1	22	8.4	18	43	59	17	7.2
14	1.8	3.7	2.4	49	3.7	18	5.3	21	44	56	16	7.0
15	1.3	2.1	2.4	19	4.0	15	4.7	21	52	54	14	7.0
16	3.8	1.8	2.3	9.9	3.5	12	5.8	15	49	54	15	6.4
17	3.5	1.9	2.2	8.4	3.1	11	5.6	14	42	54	15	5.1
18	2.0	1.9	2.2	7.2	3.5	12	5.1	17	40	54	17	5.5
19	1.9	1.8	2.2	6.2	3.6	11	4.8	21	37	54	17	5.3
20	1.9	2.4	2.2	5.7	3.0	28	5.9	24	35	53	14	5.4
21	1.9	3.3	2.2	5.2	2.9	19	6.0	29	35	52	13	5.5
22	1.8	4.2	2.1	5.0	2.8	14	5.2	38	38	50	14	6.2
23	1.7	4.0	2.1	5.0	2.8	17	4.8	35	44	48	13	5.7
24	1.1	4.7	2.1	4.9	2.8	14	3.7	32	51	45	12	4.3
25	.93	3.9	2.2	5.0	2.8	12	2.6	30	58	42	11	3.7
26	1.0	2.9	2.2	4.3	2.5	12	4.4	29	69	42	11	3.3
27	1.2	2.4	2.3	4.8	2.3	11	6.4	29	73	40	9.6	3.5
28	1.0	2.6	2.2	6.5	2.2	10	6.7	28	77	41	7.9	3.5
29	3.8	2.7	2.1	5.2	---	9.8	9.7	31	76	40	8.1	4.5
30	3.0	2.7	2.1	4.4	---	10	14	35	72	35	7.6	4.5
31	2.0	---	1.8	4.4	---	10	---	46	---	34	9.7	---
TOTAL	67.53	98.9	76.5	328.3	94.3	714.1	197.5	736	1451	1819	534.9	176.9
MEAN	2.18	3.30	2.47	10.6	3.37	23.0	6.58	23.7	48.4	58.7	17.3	5.90
MAX	3.8	7.7	3.7	80	5.0	229	14	46	77	82	33	9.3
MIN	.93	1.8	1.8	2.0	2.2	2.9	2.6	13	33	34	7.6	3.3
AC-FT	134	196	152	651	187	1420	392	1460	2880	3610	1060	351

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 1995, BY WATER YEAR (WY)

MEAN	7.22	9.66	13.2	17.5	22.3	24.2	22.3	26.5	34.7	20.4	10.3	7.10
MAX	41.6	85.0	149	156	162	187	146	132	223	176	101	57.5
(WY)	1984	1984	1984	1984	1986	1986	1986	1983	1983	1983	1983	1983
MIN	.19	1.12	2.23	3.04	2.20	2.55	1.61	.68	.61	.21	.054	.036
(WY)	1991	1991	1991	1962	1991	1992	1988	1992	1992	1988	1990	1990

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1962 - 1995	
ANNUAL TOTAL	1014.16		6294.93			
ANNUAL MEAN	2.78		17.2		17.9	
HIGHEST ANNUAL MEAN					115	1983
LOWEST ANNUAL MEAN					1.92	1992
HIGHEST DAILY MEAN	16	May 7	229	Mar 10	1220	Feb 17 1986
LOWEST DAILY MEAN	.00	Apr 1	.93	Oct 25	.00	Sep 9 1977
ANNUAL SEVEN-DAY MINIMUM	.00	Jun 14	1.2	Oct 22	.00	Sep 9 1977
INSTANTANEOUS PEAK FLOW			788	Mar 10	3600	Feb 17 1986
INSTANTANEOUS PEAK STAGE			4.58	Mar 10	6.79	Feb 17 1986
ANNUAL RUNOFF (AC-FT)	2010		12490		12980	
10 PERCENT EXCEEDS	5.9		50		45	
50 PERCENT EXCEEDS	2.4		6.6		5.8	
90 PERCENT EXCEEDS	.20		2.2		1.1	

PYRAMID AND WINNEMUCCA LAKES BASIN

392612119471801 LAST CHANCE DITCH AT THOMAS CREEK ROAD NEAR RENO, NV

LOCATION.--Lat 39°26'12", long 119°47'18", in NE $^1/_4$ SE $^1/_4$ sec.12, T.18 N., R.19 E., Washoe County, Hydrologic Unit 16050102, at Thomas Creek road, 1.1 mi west of U.S. Highway 395, and 2.9 mi southwest of Rattlesnake Mountain.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--May and June 1994, May 1995.

REMARKS.--In May 1994, station incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Pyramid and Winnemucca Lakes Basin.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
MAY									
01...	1558	16	148	7.6	15.0	12.0	112	<0.010	<0.050

DATE	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY									
01...	<0.015	0.20	<0.20	0.040	0.030	0.030	67	2.9	87

392744119480201 LAKE DITCH AT DEL MONTE LANE NEAR RENO, NV

LOCATION.--Lat 39°27'44", long 119°48'02", in NE $^1/_4$ NW $^1/_4$ sec.01, T.18 N., R.19 E., Washoe County, Hydrologic Unit 16050102, at Del Monte Lane, 1.1 mi west of U.S. Highway 395, and 2.1 mi southwest of Rattlesnake Mountain.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--May and June 1994, May 1995.

REMARKS.--In May 1994, station incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Pyramid and Winnemucca Lakes Basin.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
MAY									
01...	1315	8.8	111	7.4	14.0	11.5	85	<0.010	<0.050

DATE	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY								
01...	<0.015	0.30	0.20	0.040	0.030	0.020	32	95

PYRAMID AND WINNEMUCCA LAKES BASIN

392637119465601 LAKE DITCH AT HOLCOMB LANE NEAR RENO, NV

LOCATION--Lat 39°26'37", long 119°46'56", in SE $^1/_4$ NW $^1/_4$ sec.07, T.18 N., R.20 E., Washoe County, Hydrologic Unit 16050102, at Holcomb Lane, 0.6 mi west of U.S. Highway 395, and 2.3 mi southwest of Rattlesnake Mountain.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--May and June 1994, May 1995.

REMARKS.--In May 1994, station incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Pyramid and Winnemucca Lakes Basin.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)
MAY									
02...	1159	11	139	7.1	10.5	119	<0.010	0.160	0.020

DATE	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAY								
02...	0.80	0.40	0.190	0.100	0.100	100	3.0	92

PYRAMID AND WINNEMUCCA LAKES BASIN

392717119470301 DRY CREEK DIVERSION ABOVE HUFFAKER LANE NEAR RENO, NV

LOCATION.--Lat 39°27'17", long 119°47'03", in NW $^1/_4$ SW $^1/_4$ sec.06, T.18 N., R.20 E., Washoe County, Hydrologic Unit 16050102, 200 feet upstream of Huffaker Lane, 0.4 mi west of U.S. Highway 395, and 1.9 mi southwest of Rattlesnake Mountain.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water years 1994 to current year.

REMARKS.--In October 1993, station incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Pyramid and Winnemucca Lakes Basin.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
JAN									
10...	1720	52	--	--	--	--	--	--	--
APR									
11...	1250	0.88	419	8.5	20.0	12.0	301	0.010	0.070
MAY									
02...	0930	1.3	234	7.3	9.0	8.0	174	<0.010	0.190

DATE	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	SEDI-MENT, SUS-PENDED (MG/L) (80154)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
JAN									
10...	--	--	--	--	--	--	102	14	98
APR									
11...	0.020	0.30	<0.20	0.040	0.040	0.040	57	0.14	--
MAY									
02...	0.020	0.90	0.60	0.200	0.140	0.130	21	0.07	98

PYRAMID AND WINNEMUCCA LAKES BASIN

392720119470101 DRY CREEK BELOW HUFFAKER LANE NEAR RENO, NV

LOCATION.--Lat 39°27'20", long 119°47'01", in SW 1/4 NW 1/4 sec.06, T.18 N., R.20 E., Washoe County, Hydrologic Unit 16050102, 100 feet downstream of Huffaker Lane, 0.4 mi west of U.S. Highway 395, and 1.8 mi southwest of Rattlesnake Mountain.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--Water year 1994 to current year.

REMARKS.--In October 1993, station incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Pyramid and Winnemucca Lakes Basin.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)
JAN									
10...	1630	2.9	--	--	--	--	--	--	--
MAR									
11...	1200	69	156	7.8	10.0	9.0	204	<0.010	0.400
APR									
11...	1120	0.62	457	2.2	18.0	10.0	144	<0.010	1.30
MAY									
02...	1053	2.2	252	7.4	13.0	11.0	191	<0.010	0.490

DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
JAN									
10...	--	--	--	--	--	--	197	1.5	99
MAR									
11...	<0.015	0.80	0.40	0.370	0.210	0.200	157	29	90
APR									
11...	<0.015	0.40	0.30	0.070	0.070	0.070	10	0.02	--
MAY									
02...	0.020	0.70	0.60	0.190	0.150	0.130	26	0.15	95

PYRAMID AND WINNEMUCCA LAKES BASIN

10349910 DRY CREEK ABOVE STEAMBOAT DITCH NEAR RENO, NV

LOCATION.--Lat 39°26'13", long 119°48'51", in NE$^1/_4$ SE$^1/_4$ sec.11, T.18 N., R.19 E., Washoe County, Hydrologic Unit 16050102, 100 ft upstream of Steamboat Ditch, 2.3 mi west of U.S. Highway 395(business) and 1.05 mi west of Rattlesnake Mtn.

DRAINAGE AREA.--Indeterminate.

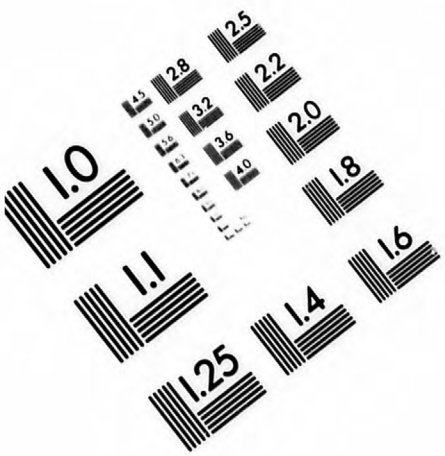
PERIOD OF RECORD.--March to May 1995.

REMARKS.--REMARKS.--In March 1995, station incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Pyramid and Winnemucca Lakes Basin.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)
MAR									
11...	1400	7.4	152	7.9	10.0	8.5	75	0.020	1.10
APR									
12...	1205	0.88	186	8.4	20.5	9.5	143	0.010	0.160
MAY									
19...	1037	0.44	236	8.1	19.0	12.0	177	<0.010	0.110

DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
MAR									
11...	<0.015	0.80	0.70	0.260	0.190	0.150	388	7.8	56
APR									
12...	0.030	0.40	0.30	0.040	0.030	0.040	5	0.01	--
MAY									
19...	<0.015	<0.20	<0.20	0.040	0.030	0.040	11	0.01	--



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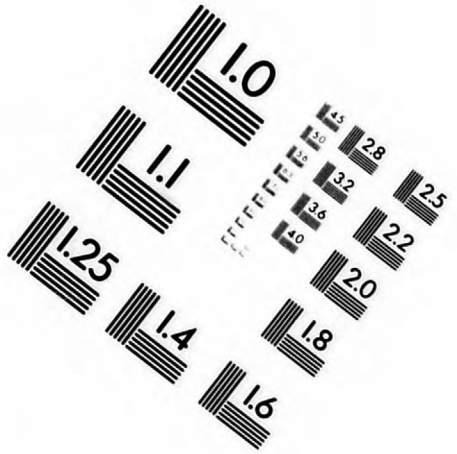

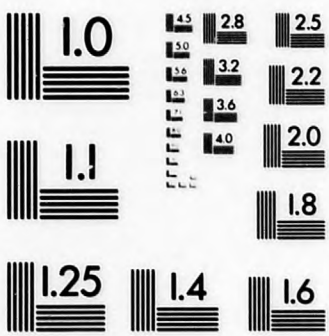

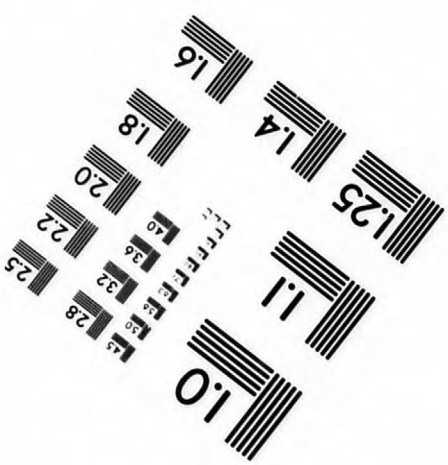

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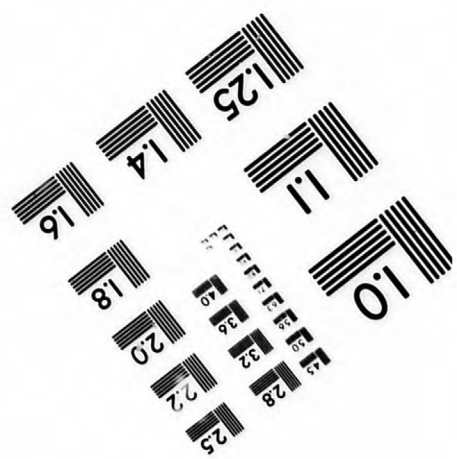


PYRAMID AND WINNEMUCCA LAKES BASIN

10349980 STEAMBOAT CREEK AT CLEANWATER WAY NEAR RENO, NV

LOCATION.--Lat 39°30'47", long 119°42'41", in SW $^1/_4$ NW $^1/_4$ sec.14, T.19 N., R.20 E., Washoe County, Hydrologic Unit 16050102, on right bank, 0.75 mi above confluence with Truckee River, and 2.0 mi east of Reno.

DRAINAGE AREA.--Not determined.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--November 1992 to current year. Records kept by Federal Court Watermaster July 1976 to September 1992. Prior to November 1992, published as "at Kimlick Lane."

GAGE.--Water-stage recorder. Datum of gage is 4,375 ft above sea level, from topographic map.

REMARKS.--Records fair. Many diversions for irrigation above station. Flow partly regulated by Washoe Lake (station 10348700), Steamboat Ditch, and other municipal ponds. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.2	e6.0	e17	11	36	33	68	371	221	134	69	39
2	4.1	e7.0	e17	13	39	33	63	541	208	133	67	43
3	2.1	e8.0	17	11	33	66	49	202	170	130	67	43
4	2.2	e11	19	9.6	33	56	46	99	169	126	65	45
5	9.2	e12	16	12	32	38	43	88	182	116	66	45
6	5.4	e13	17	13	32	35	38	77	125	118	60	43
7	2.7	e12	15	61	31	31	36	69	101	117	61	38
8	2.2	e12	13	31	30	29	39	57	97	120	54	40
9	2.1	e10	11	27	29	114	38	57	89	129	51	44
10	3.1	e10	12	262	28	619	35	59	84	123	48	47
11	3.3	e10	11	376	29	1140	35	67	89	114	48	50
12	2.6	e10	12	73	28	164	37	80	86	117	51	47
13	5.5	e12	13	46	28	59	37	97	125	109	51	45
14	1.9	e12	13	168	32	59	40	86	128	117	54	45
15	3.6	e12	12	173	29	56	35	105	161	110	54	48
16	4.2	e12	12	54	29	65	38	85	238	108	46	46
17	4.5	e12	13	38	29	53	37	76	158	103	39	47
18	3.7	e12	12	33	29	51	36	72	140	118	41	49
19	3.0	e12	12	30	29	60	33	76	135	117	39	49
20	2.3	e12	12	30	29	116	32	88	122	116	40	47
21	1.9	e13	12	29	29	167	33	103	113	109	38	45
22	4.4	e15	11	27	28	91	32	166	106	103	42	48
23	5.5	e15	11	26	29	137	46	220	95	101	49	52
24	5.3	e16	11	29	28	100	42	192	108	93	45	50
25	3.0	e16	11	33	29	71	47	160	122	90	38	48
26	2.2	e15	12	30	30	64	49	158	136	88	43	48
27	1.5	e15	12	37	30	63	45	170	131	79	44	48
28	e3.0	e16	12	41	29	61	46	168	128	76	42	48
29	e5.0	e16	12	33	---	59	50	176	132	79	44	48
30	e5.0	e17	11	31	---	63	89	181	131	75	41	49
31	e5.0	---	11	30	---	67	---	194	---	71	39	---
TOTAL	112.7	371.0	402	1817.6	846	3820	1294	4340	4030	3339	1536	1384
MEAN	3.64	12.4	13.0	58.6	30.2	123	43.1	140	134	108	49.5	46.1
MAX	9.2	17	19	376	39	1140	89	541	238	134	69	52
MIN	1.5	6.0	11	9.6	28	29	32	57	84	71	38	38
AC-FT	224	736	797	3610	1680	7580	2570	8610	7990	6620	3050	2750

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 1995, BY WATER YEAR (WY)

MEAN	15.0	17.7	17.8	44.6	33.2	64.8	31.6	76.0	65.5	48.1	26.0	25.9
MAX	26.5	23.1	24.7	58.6	41.7	123	43.1	140	134	108	49.5	46.1
(WY)	1994	1994	1994	1995	1993	1995	1995	1995	1995	1995	1995	1995
MIN	3.64	12.4	13.0	27.3	27.6	30.0	22.6	39.3	21.7	7.11	1.82	2.11
(WY)	1995	1995	1995	1994	1994	1994	1993	1993	1994	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1993 - 1995	
ANNUAL TOTAL	6812.21		23292.3			
ANNUAL MEAN	18.7		63.8		43.1	
HIGHEST ANNUAL MEAN					63.8	1995
LOWEST ANNUAL MEAN					22.5	1994
HIGHEST DAILY MEAN	124	May 7	1140	Mar 11	1140	Mar 11 1995
LOWEST DAILY MEAN	.63	Aug 21	1.5	Oct 27	.63	Aug 21 1994
ANNUAL SEVEN-DAY MINIMUM	.93	Aug 15	3.0	Oct 8	.93	Aug 15 1994
INSTANTANEOUS PEAK FLOW			1590	Mar 10	1590	Mar 10 1995
INSTANTANEOUS PEAK STAGE			13.10	Mar 10	13.10	Mar 10 1995
ANNUAL RUNOFF (AC-FT)	13510		46200		31260	
10 PERCENT EXCEEDS	37		131		78	
50 PERCENT EXCEEDS	15		43		28	
90 PERCENT EXCEEDS	1.7		10		6.4	

e Estimated

10349980 STEAMBOAT CREEK AT CLEANWATER WAY NEAR RENO, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1978 to 1980, 1992, 1993 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1994 to September 1995.
WATER TEMPERATURE: November 1993 to current year.

INSTRUMENTATION.--Specific conductance monitor October 1994 to September 1995, four times per hour. Water temperature monitor November 1993 to current year, four times per hour.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. In May 1994, station incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Pyramid and Winnemucca Lakes Basin. Records represent water temperature at probe within 0.5°C.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 920 microsiemens, December 13, 1994; minimum recorded, 243 microsiemens, March 9, 1995.
WATER TEMPERATURE: Maximum daily, 32.5°C, August 4, 1994; minimum daily, freezing point on many days during December 1994 and January 1995.

EXTREMES FOR CURRENT YEAR:
SPECIFIC CONDUCTANCE: Maximum recorded 920 microsiemens, December 13; minimum recorded, 243 microsiemens, March 9.
WATER TEMPERATURE: Maximum recorded, 26.0°C, August 5, 21; freezing point many days during December and January.

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	826	756	800
2	---	---	---	---	---	---	---	---	---	817	775	790
3	---	---	---	---	---	---	865	742	778	823	779	797
4	---	---	---	---	---	---	806	718	753	819	759	779
5	---	---	--	---	---	---	780	695	737	795	787	792
6	---	---	---	---	---	---	791	693	731	828	787	810
7	---	---	---	---	---	---	853	676	757	815	702	745
8	---	---	---	---	---	---	738	683	697	778	730	746
9	---	---	---	---	---	---	820	700	742	812	723	741
10	---	---	---	---	---	---	789	732	756	807	298	496
11	---	---	---	---	---	---	803	757	782	521	324	426
12	---	---	---	---	---	---	829	763	795	619	521	575
13	---	---	---	---	---	---	920	759	814	655	612	633
14	---	---	---	---	---	---	846	774	801	612	452	534
15	---	---	---	---	---	---	801	761	777	565	461	509
16	---	---	---	---	---	---	794	752	781	618	563	593
17	---	---	---	---	---	---	794	759	780	664	618	644
18	---	---	---	---	---	---	847	769	809	702	659	683
19	---	---	---	---	---	---	823	768	784	729	692	709
20	---	---	---	---	---	---	790	753	776	729	704	721
21	---	---	---	---	---	---	808	770	787	776	715	739
22	---	---	---	---	---	---	797	760	785	762	707	738
23	---	---	---	---	---	---	794	762	783	809	720	761
24	---	---	---	---	---	---	830	764	788	790	688	737
25	---	---	---	---	---	---	874	767	807	733	694	711
26	---	---	---	---	---	---	809	770	793	711	642	685
27	---	---	---	---	---	---	800	778	790	707	628	683
28	---	---	---	---	---	---	875	773	825	685	628	660
29	---	---	---	---	---	---	870	764	809	718	662	695
30	---	---	---	---	---	---	855	718	767	714	680	703
31	---	---	---	---	---	---	815	755	782	710	660	694
MONTH	---	---	---	---	---	---	---	---	---	828	298	688

10349980 STEAMBOAT CREEK AT CLEANWATER WAY NEAR RENO, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	721	668	701	655	505	568	610	521	566	612	595	605
2	683	637	667	629	505	587	623	575	592	615	530	556
3	677	636	653	648	359	517	659	591	615	548	513	529
4	659	626	649	711	495	631	652	616	632	538	514	527
5	661	616	643	782	549	663	675	629	647	538	419	476
6	655	611	641	775	568	663	669	615	647	436	419	425
7	650	607	637	672	545	623	715	648	683	438	415	426
8	731	634	669	722	572	645	722	676	703	460	434	445
9	679	634	649	683	243	554	738	648	705	463	425	444
10	682	629	656	474	288	383	732	648	689	466	409	431
11	689	625	655	433	350	390	736	671	704	474	416	444
12	717	629	672	567	433	512	773	669	719	473	395	441
13	684	652	670	626	566	598	718	678	697	440	346	405
14	719	654	686	658	624	641	726	654	692	478	433	449
15	697	659	680	685	652	670	679	643	661	491	432	467
16	714	686	700	714	682	697	688	636	668	522	490	506
17	735	536	677	734	700	716	733	663	692	532	509	518
18	748	571	657	729	717	723	745	702	723	538	506	520
19	733	531	614	720	705	713	772	692	729	525	502	511
20	681	518	604	709	532	670	748	710	733	514	484	495
21	766	541	632	593	536	567	788	722	759	505	487	495
22	910	523	632	607	565	597	788	719	750	500	368	463
23	834	518	605	622	559	582	750	636	676	431	366	404
24	654	504	572	654	622	642	682	642	659	432	422	427
25	644	520	588	671	653	662	675	619	644	433	415	424
26	630	488	589	688	666	676	629	561	592	457	410	423
27	624	546	594	686	672	680	594	563	576	---	---	---
28	680	528	583	682	667	674	603	589	596	---	---	---
29	---	---	---	679	659	669	601	590	595	---	---	---
30	---	---	---	671	566	651	604	588	597	---	---	---
31	---	---	---	625	522	587	---	---	---	---	---	---
MONTH	910	488	642	782	243	618	788	521	665	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	327	315	320	301	280	290	375	351	364
2	---	---	---	326	318	322	310	290	298	394	354	369
3	---	---	---	326	310	317	308	300	304	401	391	397
4	---	---	---	315	307	312	317	301	307	406	389	396
5	---	---	---	331	315	322	308	297	301	414	393	402
6	---	---	---	331	322	327	317	297	304	424	405	414
7	---	---	---	357	328	345	316	300	305	427	412	419
8	---	---	---	363	352	359	319	311	315	424	411	417
9	---	---	---	369	352	361	333	308	318	413	395	402
10	---	---	---	366	354	359	337	316	327	399	386	393
11	---	---	---	361	348	356	351	325	337	398	383	390
12	---	---	---	349	335	342	339	313	324	402	383	393
13	---	---	---	338	329	334	335	314	326	403	373	389
14	---	---	---	336	326	332	343	317	331	412	376	395
15	---	---	---	337	320	330	336	316	327	414	380	395
16	---	---	---	321	313	317	360	317	333	443	392	412
17	---	---	---	319	299	309	371	342	359	447	409	427
18	---	---	---	301	289	294	363	328	349	422	403	415
19	---	---	---	289	261	266	348	319	333	427	398	413
20	318	290	303	276	267	271	344	304	322	427	405	420
21	311	303	307	282	269	276	370	320	340	424	399	411
22	313	298	304	285	271	278	361	327	340	434	397	419
23	321	311	317	322	281	305	379	316	341	466	418	441
24	321	308	315	320	288	300	391	344	367	458	419	446
25	316	303	310	299	287	293	409	354	377	435	413	423
26	313	304	307	304	290	297	394	359	374	440	412	427
27	338	312	327	301	289	296	374	344	358	433	403	423
28	338	332	335	329	288	297	375	338	357	444	406	431
29	340	329	334	---	---	---	381	353	364	456	434	446
30	335	320	327	---	---	---	379	353	365	450	422	439
31	---	---	---	---	---	---	377	352	364	---	---	---
MONTH	---	---	---	---	---	---	409	280	334	466	351	411

PYRAMID AND WINNEMUCCA LAKES BASIN

10349980 STEAMBOAT CREEK AT CLEANWATER WAY NEAR RENO, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	22.5	11.0	16.5	---	---	---	---	---	---	4.0	.5	2.0
2	24.0	10.5	16.5	---	---	---	---	---	---	4.5	.0	2.0
3	19.0	9.5	14.0	---	---	---	7.5	3.5	5.0	4.0	.5	2.0
4	12.0	9.5	10.5	---	---	---	8.5	3.5	5.5	2.5	.0	1.0
5	17.5	10.0	13.0	---	---	---	7.0	4.0	5.0	4.5	.5	2.0
6	20.0	9.0	14.0	---	---	---	7.0	3.0	4.5	4.5	.5	2.0
7	19.5	8.0	13.5	---	---	---	6.0	1.0	3.0	3.5	2.0	2.5
8	21.0	7.5	13.5	---	---	---	5.0	.0	2.0	5.5	2.5	3.5
9	19.5	9.0	14.0	---	---	---	5.5	.0	2.0	6.5	3.0	5.0
10	19.5	10.0	14.0	---	---	---	5.0	.0	2.0	5.5	3.5	5.0
11	20.0	9.0	13.5	---	---	---	6.5	.5	3.0	3.5	2.0	3.0
12	17.0	10.0	13.0	---	---	---	7.0	2.0	3.5	4.0	3.0	3.5
13	17.5	7.0	11.5	---	---	---	6.5	1.5	3.5	6.5	4.0	5.0
14	13.0	7.5	9.5	---	---	---	4.0	1.0	2.0	6.0	5.0	5.5
15	11.0	5.0	7.0	---	---	---	5.5	2.0	3.0	5.0	3.5	4.5
16	11.0	3.0	6.5	---	---	---	6.5	1.5	3.0	4.5	3.0	3.5
17	14.0	2.5	8.0	---	---	---	5.5	1.5	3.0	4.5	2.5	3.0
18	17.0	3.5	9.5	---	---	---	6.5	2.0	3.5	5.5	3.5	4.0
19	17.5	5.0	10.5	---	---	---	6.5	.5	3.0	5.5	3.0	4.0
20	17.5	5.0	10.5	---	---	---	7.0	1.5	3.5	5.5	3.0	4.0
21	17.5	4.5	10.5	---	---	---	7.5	1.5	3.5	7.0	4.0	4.5
22	17.5	5.0	10.5	---	---	---	6.5	1.0	3.0	6.0	4.0	5.0
23	17.0	5.0	10.5	---	---	---	6.5	.5	3.0	7.0	4.5	5.5
24	17.5	6.5	11.0	---	---	---	4.5	1.5	3.0	7.5	5.0	6.0
25	17.0	5.5	10.5	---	---	---	5.0	2.0	3.5	7.5	5.5	6.5
26	16.5	7.0	11.0	---	---	---	6.0	1.0	3.5	7.0	5.0	5.5
27	15.5	8.0	11.0	---	---	---	4.5	1.5	3.0	5.0	4.5	5.0
28	---	---	---	---	---	---	4.5	2.5	3.5	5.5	4.0	5.0
29	---	---	---	---	---	---	6.0	1.5	3.0	7.0	5.0	5.5
30	---	---	---	---	---	---	6.0	.0	2.0	8.0	5.5	6.5
31	---	---	---	---	---	---	4.0	.0	1.5	10.0	6.5	8.0
MONTH	---	---	---	---	---	---	---	---	---	10.0	.0	4.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.5	7.5	8.0	12.0	8.5	9.5	12.5	10.0	11.0	13.5	11.5	12.5
2	10.0	6.5	8.0	11.5	9.0	9.5	14.0	9.0	11.0	14.0	10.5	12.0
3	10.5	6.5	8.0	9.5	7.5	8.5	16.5	9.5	12.5	17.0	11.5	14.0
4	10.5	6.5	8.0	10.0	6.0	7.5	16.5	11.0	13.5	17.5	13.0	14.5
5	11.0	6.5	8.0	10.5	6.0	7.5	14.5	10.5	12.0	13.0	11.0	12.5
6	9.5	6.5	8.0	11.5	5.5	7.5	13.5	9.5	11.0	11.5	10.0	11.0
7	11.0	6.5	8.5	12.5	6.0	8.5	14.0	9.0	10.5	13.5	9.5	11.5
8	10.0	7.0	8.0	10.5	7.0	8.5	14.0	7.5	10.0	16.0	11.0	13.5
9	11.5	7.0	8.5	10.0	7.5	8.5	13.5	7.0	9.5	14.5	12.0	13.0
10	11.0	6.0	8.0	7.5	4.5	6.0	16.5	7.5	11.0	17.5	11.0	14.0
11	11.0	6.0	7.5	7.0	4.0	5.5	18.0	9.5	13.0	17.5	12.5	14.5
12	10.0	4.5	6.5	9.0	6.0	7.5	16.5	10.5	13.0	14.0	11.5	13.0
13	8.0	3.5	5.0	9.5	7.0	8.5	11.0	8.0	9.5	12.5	10.5	11.5
14	8.0	3.5	5.0	10.0	8.5	9.0	12.0	7.0	9.0	13.5	10.5	12.0
15	9.0	3.0	5.5	12.0	8.5	10.0	11.5	7.5	9.0	14.5	11.5	12.5
16	6.5	4.0	5.0	13.0	9.5	11.0	9.0	7.0	7.5	17.0	11.5	14.0
17	8.5	3.5	5.5	14.0	9.0	11.0	10.5	6.0	8.0	19.5	15.0	17.0
18	10.5	4.0	6.5	10.5	8.5	10.0	9.5	6.5	7.5	21.5	15.0	18.0
19	12.0	5.5	8.0	11.5	7.5	9.5	14.5	5.5	9.5	22.5	16.0	18.5
20	12.5	6.5	9.0	9.5	7.0	8.5	10.0	6.5	8.5	22.5	15.5	19.0
21	13.5	7.0	9.5	7.0	5.0	6.0	15.5	6.0	9.5	21.0	16.0	18.5
22	13.5	7.0	9.5	6.0	3.5	4.5	18.0	8.0	12.0	17.5	14.5	16.0
23	14.0	7.5	9.5	7.0	3.0	5.0	16.5	10.5	13.5	17.0	13.0	15.0
24	14.5	7.5	10.5	7.0	5.0	5.5	19.5	12.0	15.0	17.0	15.0	15.5
25	14.0	7.5	10.0	8.5	5.0	6.5	19.0	12.5	15.0	17.0	13.5	15.5
26	14.0	7.5	10.0	10.0	5.0	7.0	18.5	13.0	15.5	18.5	14.5	16.5
27	12.5	7.5	10.0	11.0	6.0	8.5	15.5	11.5	13.5	18.5	16.5	17.5
28	11.5	8.5	9.5	10.5	7.5	8.5	14.5	11.5	12.5	20.0	15.0	17.5
29	---	---	---	11.0	6.5	8.5	16.0	10.5	12.5	21.5	16.5	19.0
30	---	---	---	12.5	7.5	10.0	16.0	11.0	13.5	22.5	17.5	19.5
31	---	---	---	14.0	8.5	11.0	---	---	---	22.0	17.5	19.5
MONTH	14.5	3.0	8.0	14.0	3.0	8.2	19.5	5.5	11.3	22.5	9.5	15.1

10349980 STEAMBOAT CREEK AT CLEANWATER WAY NEAR RENO, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	21.5	17.5	19.0	19.0	16.0	17.5	24.5	19.5	22.0	24.0	17.5	21.0
2	17.5	16.0	16.5	19.5	16.0	17.5	23.5	19.5	21.5	24.5	18.5	21.0
3	19.5	15.0	17.0	20.0	17.5	18.5	24.5	19.0	22.0	24.0	19.5	21.5
4	21.5	17.5	19.0	21.0	18.0	19.5	25.5	20.0	22.5	23.0	18.0	20.5
5	18.5	14.5	16.0	22.5	19.0	20.5	26.0	21.0	23.5	22.5	16.5	19.0
6	14.5	12.5	13.0	20.5	19.0	20.0	25.0	20.5	22.5	23.0	16.5	19.5
7	13.5	11.0	12.5	20.5	18.0	19.5	23.5	19.5	21.0	22.5	16.0	19.0
8	14.5	11.5	13.0	19.5	17.5	18.5	23.0	17.5	20.0	22.0	16.0	19.0
9	19.0	13.0	15.5	20.0	17.0	18.5	24.0	18.0	21.0	22.5	17.0	19.5
10	20.5	16.0	18.0	20.5	17.0	18.5	22.5	18.5	20.5	22.5	16.5	19.0
11	20.0	16.0	18.0	20.0	17.0	18.0	23.5	17.0	20.0	22.5	17.5	19.5
12	21.0	16.0	18.0	18.5	16.5	17.5	23.5	18.0	20.5	23.0	17.5	20.0
13	18.0	16.0	17.0	19.0	15.5	17.5	23.5	18.0	20.5	23.0	17.5	20.0
14	16.0	14.5	15.5	21.0	17.0	19.0	24.5	18.5	21.0	22.5	17.0	19.5
15	14.5	12.0	13.5	23.0	19.0	20.5	24.0	19.5	21.5	23.0	17.0	19.5
16	15.0	10.5	12.5	23.0	20.0	21.5	23.0	18.5	20.5	21.5	17.5	19.0
17	16.0	14.0	15.0	23.0	20.5	21.5	22.5	17.0	19.5	21.5	16.5	18.5
18	17.0	14.0	15.5	21.5	19.0	20.5	22.5	16.0	18.5	21.5	16.5	19.0
19	17.5	13.0	15.0	22.5	19.0	20.5	23.5	16.5	19.5	22.0	17.0	19.5
20	18.0	14.5	16.0	23.0	19.5	21.0	25.0	18.5	21.5	22.0	17.5	19.5
21	19.5	14.5	16.5	22.5	19.5	21.0	26.0	20.0	22.5	20.0	17.0	18.0
22	21.0	16.0	18.5	22.0	18.5	20.0	25.5	21.0	22.5	19.5	15.5	17.5
23	22.5	17.5	20.0	22.0	18.0	20.0	25.5	20.5	22.5	20.5	15.5	18.0
24	23.0	18.5	21.0	22.5	18.0	20.5	25.5	20.5	22.5	20.0	15.5	17.5
25	23.5	19.5	21.5	23.0	18.5	20.5	25.0	19.0	22.0	19.5	15.5	17.0
26	22.0	18.5	20.5	22.5	18.5	20.5	24.0	18.0	21.0	19.0	14.5	16.5
27	21.5	17.0	19.0	24.0	18.5	21.0	23.5	18.0	20.5	19.0	14.0	16.0
28	22.0	19.0	20.0	24.5	20.5	22.5	22.5	17.0	19.5	18.0	14.0	15.5
29	21.5	18.5	20.0	23.0	20.5	21.5	22.5	16.5	19.0	17.5	13.0	15.0
30	19.5	17.5	18.5	22.5	19.0	21.0	23.0	16.5	19.5	17.0	13.0	14.5
31	---	---	---	24.0	19.0	21.5	24.0	17.0	20.5	---	---	---
MONTH	23.5	10.5	17.0	24.5	15.5	19.9	26.0	16.0	21.0	24.5	13.0	18.6

PYRAMID AND WINNEMUCCA LAKES BASIN

10349995 RENO-SPARKS SEWER TREATMENT PLANT OUTFALL AT RENO, NV

LOCATION--Lat 39°31'37", long 119°42'11", in NW$^1/_4$ NE$^1/_4$ sec.14, T.19 N., R.20 E., Washoe County, Hydrologic Unit 16050102, on right bank at outfall from treatment plant into Steamboat Creek, and 1,500 ft above confluence with Truckee River.

PERIOD OF RECORD.--Water years 1994 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: January 1994 to current year.
WATER TEMPERATURE: January 1994 to current year.

INSTRUMENTATION.--Specific-conductance and temperature recorder from January 1994 to current year, four times per hour.

REMARKS.--In May 1994, station incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Pyramid and Winnemucca Lakes Basin. Records represent water temperature at probe within 0.5°C.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum recorded, 914 microsiemens, July 2, 1994; minimum recorded, 456 microsiemens, April 28, 1994.
WATER TEMPERATURE: Maximum recorded, 25.5°C, July 20, 23, 26, 28, August 1, 11-17, 1994; minimum recorded, 12.5°C, January 11, 1995.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum recorded, 806 microsiemens, April 23; minimum recorded, 471 microsiemens, June 16.
WATER TEMPERATURE: Maximum recorded, 24.5°C, August 21, 22, 23; minimum recorded, 12.5°C, January 11.

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	648	599	624	656	635	645	706	662	679	707	668	683
2	639	594	618	673	643	657	708	674	692	697	663	680
3	642	592	618	691	633	657	709	659	690	706	668	684
4	648	621	632	670	635	652	713	647	674	713	675	696
5	635	577	596	670	620	649	713	651	675	740	694	707
6	640	583	607	663	586	630	713	649	675	774	711	736
7	623	578	597	659	609	632	686	641	667	740	628	683
8	634	588	605	664	628	646	704	610	656	769	659	698
9	629	598	606	682	628	659	666	615	635	775	706	737
10	634	618	624	671	619	651	732	614	656	757	654	707
11	687	632	652	680	608	646	743	681	712	716	614	666
12	677	629	651	663	613	639	705	633	663	771	716	746
13	675	643	657	664	606	637	692	627	652	792	745	766
14	696	646	663	652	612	630	731	661	685	754	658	718
15	703	658	682	680	615	644	737	633	684	716	635	673
16	681	639	659	673	593	633	710	666	682	723	698	714
17	666	617	637	668	598	635	713	688	701	732	698	716
18	640	609	621	661	609	637	716	643	674	721	666	690
19	631	609	620	681	631	659	700	651	673	690	652	671
20	639	631	635	686	645	665	695	637	663	683	641	660
21	662	634	644	687	652	668	681	622	645	703	649	675
22	655	617	634	702	613	660	677	628	653	689	634	657
23	652	625	637	704	615	643	669	618	645	681	640	654
24	643	627	634	704	656	678	673	628	651	684	629	654
25	662	626	642	673	625	647	673	633	654	683	640	660
26	664	625	643	712	632	672	714	632	659	708	676	693
27	660	635	646	727	654	683	714	648	677	710	652	680
28	653	629	616	749	637	682	695	640	667	697	639	663
29	669	622	641	696	622	657	711	665	682	693	639	661
30	669	622	640	692	618	659	699	670	683	691	641	656
31	656	630	645	---	---	---	707	668	685	713	677	693
MONTH	703	577	633	749	586	652	743	610	671	792	614	690

10349995 RENO-SPARKS SEWER TREATMENT PLANT OUTFALL AT RENO, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	735	672	701	744	661	705	---	---	---	643	591	618
2	728	679	698	737	655	696	---	---	---	650	592	627
3	720	678	693	693	628	665	---	---	---	667	601	629
4	695	645	671	720	652	684	---	---	---	690	621	652
5	695	617	652	722	650	688	---	---	---	667	607	632
6	690	602	629	717	629	668	---	---	---	694	619	658
7	741	664	698	692	620	654	---	---	---	715	621	659
8	684	640	663	709	641	679	656	593	630	680	615	650
9	680	626	650	763	640	695	644	612	626	684	614	646
10	665	617	640	675	601	635	637	593	615	695	609	636
11	723	645	683	657	522	582	656	594	632	717	664	694
12	697	641	670	722	657	680	649	595	623	712	617	662
13	701	645	670	730	693	711	645	591	614	715	596	670
14	---	---	---	725	673	702	649	581	618	711	603	658
15	689	630	660	723	654	687	654	610	631	621	571	596
16	688	649	673	704	648	666	657	598	640	651	598	625
17	---	---	---	696	645	677	672	596	634	651	607	621
18	---	---	---	727	664	702	659	604	629	679	621	653
19	---	---	---	733	685	713	655	596	621	662	596	634
20	690	621	650	709	642	670	643	590	615	667	604	633
21	747	648	695	702	595	637	652	597	622	665	594	628
22	784	707	736	743	677	712	752	609	663	660	584	622
23	751	656	700	719	643	682	806	649	717	641	531	568
24	721	646	680	715	657	687	698	622	652	647	562	601
25	736	668	705	735	675	707	673	603	636	632	568	597
26	745	675	710	705	658	682	690	601	644	636	571	599
27	713	640	674	713	663	682	660	599	627	649	573	617
28	720	647	684	724	649	697	672	610	634	635	568	605
29	---	---	---	---	---	---	669	619	640	623	535	574
30	---	---	---	---	---	---	664	636	652	652	576	618
31	---	---	---	---	---	---	---	---	---	638	551	600
MONTH	---	---	---	---	---	---	---	---	---	717	531	628
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	672	603	631	610	540	577	606	515	566	601	540	578
2	688	593	651	602	538	576	570	509	529	625	547	586
3	681	581	629	623	560	595	535	510	523	620	539	582
4	613	547	582	607	560	590	614	510	558	608	563	584
5	624	550	592	591	509	540	638	566	599	592	532	562
6	643	574	613	547	521	537	655	562	600	574	537	559
7	641	559	602	594	534	553	656	584	629	644	548	588
8	590	535	563	616	534	579	656	577	624	635	579	610
9	585	549	568	646	536	591	667	600	642	630	550	592
10	611	558	582	647	531	579	651	560	606	595	526	571
11	629	568	602	604	533	570	619	549	594	599	570	585
12	625	560	590	589	502	550	618	528	584	593	547	571
13	631	569	595	553	490	522	628	531	578	598	537	571
14	643	573	613	618	520	556	604	543	581	597	558	574
15	628	549	593	620	542	589	603	526	570	565	516	547
16	608	471	532	629	536	578	616	528	578	572	529	555
17	611	518	558	633	586	606	627	576	600	572	517	546
18	732	579	638	630	574	605	638	608	626	569	514	540
19	579	515	548	613	519	568	644	550	602	593	548	569
20	597	526	558	618	551	587	679	614	637	588	534	557
21	579	522	545	687	615	650	682	605	643	568	518	540
22	596	540	564	698	606	655	643	567	600	563	507	531
23	568	534	552	641	553	598	639	585	617	565	503	534
24	554	518	531	619	555	574	636	544	589	605	517	544
25	545	518	530	656	564	613	602	540	566	609	522	559
26	556	528	540	656	592	627	563	520	541	593	528	556
27	592	556	577	658	589	624	596	517	543	567	512	539
28	609	549	576	639	590	623	596	530	565	595	545	568
29	645	563	606	638	548	604	593	510	552	602	541	573
30	639	553	592	608	564	587	596	521	565	601	534	572
31	---	---	---	610	539	581	616	535	581	---	---	---
MONTH	732	471	582	698	490	587	682	509	587	644	503	565

10349995 RENO-SPARKS SEWER TREATMENT PLANT OUTFALL AT RENO, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	23.5	22.5	23.0	20.5	19.0	20.0	18.0	17.0	17.5	16.5	16.0	16.0
2	23.5	22.5	23.0	20.0	19.5	19.5	18.0	17.5	17.5	16.5	16.0	16.0
3	23.0	21.5	22.0	20.0	19.0	19.5	18.0	16.5	17.5	16.5	16.0	16.0
4	22.0	21.5	22.0	19.5	19.0	19.0	18.0	17.0	17.5	16.0	15.5	16.0
5	22.5	21.5	22.0	20.0	19.5	19.5	18.0	17.0	17.5	16.5	16.0	16.0
6	22.0	21.5	22.0	19.5	19.0	19.5	18.0	17.0	17.5	16.5	15.5	16.0
7	22.0	21.5	22.0	19.5	19.5	19.5	17.5	16.5	17.0	16.0	14.5	15.5
8	22.5	21.5	22.0	19.5	19.0	19.0	17.0	16.0	16.5	16.0	14.5	15.5
9	22.5	21.5	22.0	19.5	17.0	18.0	16.5	16.0	16.5	16.5	15.5	16.0
10	22.5	22.0	22.0	19.0	18.5	18.5	16.5	16.0	16.5	16.5	14.5	16.0
11	22.5	21.5	22.0	19.0	18.5	19.0	17.0	16.0	16.5	15.0	12.5	13.5
12	22.0	21.5	22.0	19.0	18.5	19.0	17.0	17.0	17.0	16.5	15.0	15.5
13	21.5	21.5	21.5	18.5	18.0	18.5	17.0	16.5	16.5	16.5	16.0	16.5
14	21.5	21.0	21.5	18.5	18.0	18.0	16.5	15.5	16.0	16.5	16.0	16.5
15	21.0	20.0	20.5	18.0	16.5	17.5	16.5	16.0	16.5	16.0	15.5	16.0
16	20.5	20.0	20.5	18.0	17.0	17.5	17.0	16.0	16.5	16.5	16.0	16.0
17	21.0	20.0	20.5	18.0	17.0	17.5	17.0	16.5	16.5	16.5	16.0	16.0
18	21.5	20.0	21.0	17.5	17.0	17.0	17.0	16.0	16.5	16.5	16.0	16.0
19	21.5	20.5	21.0	17.5	16.5	17.0	17.0	16.5	16.5	16.5	16.0	16.0
20	21.5	20.5	21.0	18.0	17.0	17.5	17.0	16.5	17.0	16.5	16.0	16.0
21	21.5	20.5	21.0	18.0	17.0	17.5	17.0	16.5	16.5	16.5	16.0	16.5
22	21.5	20.5	21.0	17.0	16.5	17.0	17.0	16.0	16.5	16.0	15.5	16.0
23	21.5	20.5	21.0	17.5	17.0	17.0	16.5	16.0	16.5	16.5	16.0	16.5
24	21.5	20.5	21.5	18.0	17.0	17.5	16.5	16.0	16.5	16.5	16.0	16.0
25	21.5	20.5	21.0	17.5	16.5	17.0	16.5	16.5	16.5	16.5	16.0	16.5
26	21.5	21.0	21.0	17.0	16.5	17.0	17.0	16.0	16.5	16.5	16.0	16.5
27	21.5	20.5	21.0	17.5	16.5	17.0	17.0	16.5	16.5	16.5	16.0	16.5
28	21.5	20.0	21.0	17.5	16.5	17.0	17.0	16.0	16.5	16.5	16.0	16.0
29	21.0	20.5	20.5	17.5	16.5	17.0	17.0	16.5	16.5	16.5	16.5	16.5
30	21.0	20.0	20.5	17.5	17.0	17.5	16.5	16.0	16.5	17.0	16.5	17.0
31	21.0	20.0	20.5	---	---	---	16.5	16.0	16.0	17.5	17.0	17.0
MONTH	23.5	20.0	21.4	20.5	16.5	18.1	18.0	15.5	16.7	17.5	12.5	16.1
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	17.5	17.0	17.5	17.5	17.0	17.5	18.0	17.5	17.5	18.5	17.5	18.0
2	17.5	16.5	17.0	17.5	17.0	17.5	18.0	17.0	17.5	18.5	17.5	18.0
3	17.5	16.5	17.0	17.5	16.0	17.0	18.5	17.5	18.0	19.0	18.0	18.5
4	17.5	16.5	17.0	17.0	16.0	16.5	18.5	17.5	18.0	19.0	18.5	18.5
5	17.5	16.5	17.0	17.0	17.0	17.0	18.5	17.5	18.0	18.5	17.5	18.0
6	17.0	16.5	17.0	17.5	16.5	17.0	---	---	---	18.5	17.5	18.0
7	17.5	16.5	17.0	17.5	16.5	17.0	---	---	---	19.0	18.0	18.5
8	17.0	16.5	17.0	17.0	16.5	17.0	---	---	---	19.0	18.0	18.5
9	17.5	16.5	17.0	17.0	16.5	17.0	---	---	---	19.0	18.5	18.5
10	17.0	16.0	17.0	17.0	16.0	16.5	---	---	---	19.0	18.0	18.5
11	17.0	16.5	16.5	16.0	14.5	15.0	---	---	---	19.0	18.5	18.5
12	16.5	15.5	16.0	17.0	16.0	16.5	---	---	---	18.5	18.0	18.5
13	16.0	14.5	15.0	17.5	16.5	17.0	---	---	---	18.5	18.0	18.0
14	---	---	---	17.5	16.5	17.0	---	---	---	18.5	18.0	18.5
15	16.5	15.5	16.0	17.5	16.0	17.0	---	---	---	18.5	18.0	18.5
16	16.5	16.0	16.5	17.5	17.0	17.5	---	---	---	19.0	18.0	18.5
17	---	---	---	18.0	17.0	17.5	---	---	---	19.5	18.5	19.0
18	---	---	---	18.0	17.0	17.5	17.0	16.5	17.0	20.0	19.0	19.5
19	---	---	---	18.0	17.0	17.5	17.5	16.5	17.0	20.0	19.0	19.5
20	---	---	---	18.0	16.5	17.0	17.0	16.5	16.5	20.0	19.0	19.5
21	18.0	17.0	17.5	16.5	16.0	16.0	17.5	16.5	17.0	20.0	19.5	19.5
22	18.0	17.0	17.5	16.5	15.5	15.5	18.5	17.0	17.5	19.5	19.5	19.5
23	17.5	16.5	17.5	16.0	15.5	15.5	18.5	17.5	18.0	19.5	18.5	19.5
24	18.0	17.0	17.5	16.0	15.5	15.5	19.0	17.5	18.5	19.5	19.0	19.0
25	18.0	17.0	17.5	16.5	15.5	16.0	18.5	18.0	18.5	19.5	19.0	19.5
26	17.5	17.0	17.5	16.5	16.0	16.5	18.5	18.0	18.5	20.0	19.0	19.5
27	17.5	17.0	17.5	17.0	16.0	16.5	18.5	17.5	18.0	20.0	19.5	19.5
28	17.5	17.0	17.5	17.0	16.0	16.5	18.5	18.0	18.0	20.0	19.5	20.0
29	---	---	---	17.5	16.5	17.0	18.5	17.5	18.0	20.5	19.5	20.0
30	---	---	---	18.0	16.5	17.0	18.5	17.5	18.0	21.0	20.0	20.5
31	---	---	---	18.0	17.0	17.5	---	---	---	21.0	20.0	20.5
MONTH	---	---	---	18.0	14.5	16.7	---	---	---	21.0	17.5	19.0

10349995 RENO-SPARKS SEWER TREATMENT PLANT OUTFALL AT RENO, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	20.5	20.0	20.5	22.0	21.5	21.5	23.5	22.5	23.0	24.0	23.0	23.5
2	20.5	20.0	20.0	22.0	21.5	21.5	23.5	22.5	23.0	24.0	23.0	23.5
3	21.0	20.0	20.5	22.0	21.5	22.0	24.0	22.5	23.5	24.0	23.5	23.5
4	21.0	20.0	20.5	22.5	21.5	22.0	24.0	23.0	23.5	24.0	23.0	23.5
5	20.5	19.0	20.0	22.5	22.0	22.5	24.0	23.5	23.5	24.0	22.5	23.5
6	19.5	19.0	19.5	22.0	21.5	22.0	24.0	23.5	23.5	24.0	22.5	23.0
7	19.5	19.0	19.0	22.5	21.5	22.0	24.0	23.0	23.0	23.5	22.5	23.0
8	19.5	19.0	19.5	22.5	22.0	22.0	24.0	22.5	23.0	24.0	22.5	23.5
9	20.5	19.0	20.0	22.5	22.0	22.0	24.0	22.5	23.5	23.5	22.5	23.5
10	20.5	19.5	20.0	22.5	21.5	22.0	23.5	22.0	22.5	24.0	23.0	23.5
11	20.5	20.0	20.0	22.5	21.5	22.0	23.5	22.0	23.0	24.0	23.0	23.5
12	21.0	20.0	20.5	22.0	21.5	21.5	23.5	22.5	23.0	24.0	23.0	23.5
13	20.5	20.0	20.5	22.5	21.0	21.5	23.5	22.5	23.0	24.0	23.0	23.5
14	20.0	19.0	19.5	22.5	21.5	22.0	24.0	22.5	23.5	24.0	23.0	23.5
15	20.0	19.5	19.5	23.0	22.0	22.5	24.0	23.0	23.5	24.0	23.0	23.5
16	20.0	19.0	19.5	23.0	22.0	23.0	23.5	22.5	23.0	23.5	23.0	23.0
17	20.0	19.5	19.5	23.0	22.5	23.0	23.5	22.5	23.0	23.5	22.5	23.5
18	20.0	19.0	19.5	23.0	22.5	23.0	23.5	22.5	23.0	24.0	23.0	23.5
19	20.0	19.0	19.5	23.0	22.5	23.0	23.5	22.5	23.0	24.0	23.0	23.5
20	20.5	19.5	20.0	23.5	22.5	23.0	24.0	23.0	23.5	24.0	23.0	23.5
21	21.0	19.5	20.0	23.0	22.5	23.0	24.5	23.5	24.0	23.5	22.0	22.5
22	21.5	20.0	20.5	23.0	22.0	22.5	24.5	23.5	24.0	23.5	22.5	23.0
23	21.5	20.5	21.0	23.0	22.0	22.5	24.5	24.0	24.0	23.5	23.0	23.0
24	22.0	20.5	21.5	23.0	22.0	22.5	24.0	23.5	24.0	23.5	22.5	23.0
25	22.0	21.0	21.5	23.5	22.0	23.0	24.0	23.0	23.5	23.0	22.5	22.5
26	22.0	21.5	21.5	23.5	22.0	23.0	24.0	23.0	23.5	23.0	22.5	23.0
27	22.5	21.5	22.0	23.5	22.5	23.0	23.5	23.0	23.5	23.0	22.0	22.5
28	22.5	21.5	22.0	24.0	23.0	23.5	23.5	22.5	23.0	23.0	22.0	22.5
29	22.5	21.5	22.0	23.5	22.5	23.0	23.5	22.5	23.0	22.5	22.0	22.5
30	22.0	21.5	21.5	23.5	22.5	23.0	24.0	22.5	23.0	22.5	21.5	22.0
31	---	---	---	23.5	22.5	23.0	24.0	23.0	23.5	---	---	---
MONTH	22.5	19.0	20.4	24.0	21.0	22.5	24.5	22.0	23.3	24.0	21.5	23.2

PYRAMID AND WINNEMUCCA LAKES BASIN

10350000 TRUCKEE RIVER AT VISTA, NV

LOCATION.--Lat 39°31'14", long 119°42'00", in SW $^1/_4$ SE $^1/_4$ sec.11, T.19 N., R.20 E., Washoe County, Hydrologic Unit 16050102, 0.4 mi south of Vista, 600 ft downstream from Steamboat Creek, on the northeast side of Reno-Sparks Sewage Treatment Plant, and at mi 53.38, upstream from Marble Bluff Dam.

DRAINAGE AREA.--1,430 mi^2.

PERIOD OF RECORD.--August 1899 to December 1907, January 1932 to December 1954, October 1958 to current year. Monthly discharge only for some periods, published in WSP 1314 and 1734.

REVISED RECORDS.--WSP 1634: 1904. WSP 1734: 1907 (M). WDR NV-75-1: 1963 (M). WDR NV-79-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4,400 ft above sea level, from topographic map. Prior to April 16, 1907, nonrecording gages at several sites at various datums in vicinity of previous gage site 1.2 mi downstream. May to December 1907 reference point on railroad bridge 1.0 mi downstream. January 1932 to December 1954, October 1958 to August 17, 1959, water-stage recorder at site 0.9 mi downstream at datum 5.59 ft higher. August 18, 1959, to September 30, 1993, at site 1.2 mi downstream at different datum.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Lake Tahoe (station 10337000), Prosser Creek (station 10340300), Stampede (station 10344300), and Boca (station 10344490) Reservoirs, and other lakes, combined capacity 1,070,000 acre-ft. Several powerplants and many diversions above station. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	45	48	151	129	599	520	909	3940	3310	2240	1170	374
2	46	47	147	133	766	531	918	4790	3170	2130	1140	440
3	48	48	152	128	680	829	901	3210	2890	2090	1070	451
4	46	54	193	126	612	778	917	2460	2910	2040	1050	457
5	59	53	210	147	605	664	978	2280	2990	1960	1060	431
6	47	119	263	139	588	639	1030	2050	2460	1980	1020	426
7	51	180	252	292	504	510	1180	1900	1910	1970	1000	422
8	46	151	219	197	473	454	1550	1810	1710	1930	973	409
9	47	115	184	267	461	1880	1410	1790	1480	1920	876	414
10	53	100	143	1640	457	5300	1320	1860	1450	1940	895	412
11	57	121	141	1680	405	5160	1280	2080	1680	1870	872	405
12	57	148	151	856	394	3180	1280	1990	1890	1880	836	365
13	61	145	139	839	397	2470	1140	1910	2560	1700	804	340
14	52	136	132	2120	423	2240	1080	1830	2570	1660	770	331
15	48	134	135	1530	385	2030	961	1870	2770	1760	704	337
16	53	146	133	940	367	1940	897	1750	2760	1760	645	336
17	61	147	120	740	359	1620	832	1980	2400	1740	643	335
18	61	160	128	708	352	1510	776	2060	2360	1680	622	360
19	59	113	135	625	353	1660	724	2170	2370	1670	617	360
20	52	127	126	572	358	1940	722	2340	2230	1540	614	344
21	54	137	125	444	366	2120	842	2480	2130	1500	576	340
22	49	147	133	403	369	1830	786	2820	2020	1420	567	354
23	51	123	125	393	380	1460	790	2990	2070	1280	578	360
24	56	133	125	369	405	1240	822	3060	2250	1190	510	356
25	49	190	129	387	461	1080	986	2860	2430	1180	466	362
26	51	163	124	349	487	993	1260	2880	2560	1310	475	363
27	46	149	122	377	485	963	1400	3000	2450	1390	465	378
28	48	157	133	339	491	911	1550	2990	2390	1360	459	389
29	46	144	146	319	---	842	1840	3050	2370	1360	446	381
30	44	152	137	316	---	786	2390	3080	2300	1250	416	382
31	44	---	127	353	---	795	---	3160	---	1200	388	---
TOTAL	1587	3787	4680	17857	12982	48875	33471	78440	70840	51900	22727	11414
MEAN	51.2	126	151	576	464	1577	1116	2530	2361	1674	733	380
MAX	61	190	263	2120	766	5300	2390	4790	3310	2240	1170	457
MIN	44	47	120	126	352	454	722	1750	1450	1180	388	331
AC-FT	3150	7510	9280	35420	25750	96940	66390	155600	140500	102900	45080	22640

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1899 - 1995, BY WATER YEAR (WY)

MEAN	429	566	666	695	857	983	1294	1678	1198	518	344	371
MAX	1304	2650	3705	3327	4066	5420	4979	5643	5740	3007	1476	1529
(WY)	1908	1984	1984	1984	1986	1986	1907	1952	1983	1983	1907	1983
MIN	41.7	87.7	94.9	122	121	197	233	103	46.2	79.8	36.7	28.8
(WY)	1934	1933	1933	1991	1991	1933	1977	1934	1934	1992	1935	1935

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1899 - 1995	
ANNUAL TOTAL	112308		358560			
ANNUAL MEAN	308		982		800	
HIGHEST ANNUAL MEAN					2786	1983
LOWEST ANNUAL MEAN					158	1992
HIGHEST DAILY MEAN	1520	May 12	5300	Mar 10	17400	Feb 1 1963
LOWEST DAILY MEAN	33	Sep 21	44	Oct 30	7.0	Aug 26 1935
ANNUAL SEVEN-DAY MINIMUM	36	Sep 16	46	Oct 27	9.7	Aug 21 1935
INSTANTANEOUS PEAK FLOW			8800	Mar 10	18900	Feb 1 1963
INSTANTANEOUS PEAK STAGE			15.41	Mar 10	16.76	Feb 1 1963
ANNUAL RUNOFF (AC-FT)	222800		711200		579700	
10 PERCENT EXCEEDS	1080		2370		1770	
50 PERCENT EXCEEDS	147		605		498	
90 PERCENT EXCEEDS	46		84		184	

PYRAMID AND WINNEMUCCA LAKES BASIN

10350400 TRUCKEE RIVER BELOW TRACY, NV

LOCATION.--Lat 39°33'52", long 119°31'02", in NW $^1/_4$ NE $^1/_4$ sec.33, T.20 N., R.22 E., Washoe County, Hydrologic Unit 16050102, on left bank, upstream side of bridge, 200 ft downstream from Tracy powerplant, 13 mi east of Sparks, and at mi 40.62, upstream from Marble Bluff Dam.

DRAINAGE AREA.--1,590 mi^2.

PERIOD OF RECORD.--May 1972 to current year.

GAGE.--Water-stage recorder. Datum of gage is 4,238.15 ft above sea level (levels by S.E.A. Engineers, Sparks, Nevada).

REMARKS.--Records fair. Flow regulated by Lake Tahoe (station 10337000), Martis Creek Lake (station 10339380), Prosser Creek (station 10340300). Stampede (station 10344300) and Boca (station 10344490) Reservoirs, Donner (station 10338400) and Independence (station 10342900) Lakes, and several powerplants. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	60	54	162	125	593	552	1050	3470	3270	2330	1190	367
2	60	56	163	126	795	588	1060	4740	3220	2210	1150	430
3	65	58	156	130	726	886	1030	3450	2950	2170	1110	457
4	67	57	197	127	650	926	1040	2670	2940	2110	1070	463
5	67	62	220	114	633	777	1080	2480	3040	2010	1090	446
6	78	99	259	144	626	738	1120	2240	2600	2030	1050	443
7	66	179	275	247	556	630	1190	2070	2010	2040	1030	438
8	72	192	248	216	510	537	1680	1950	1780	1980	1020	422
9	65	140	204	234	502	1400	1540	1930	1520	1980	906	426
10	69	111	161	1440	497	5120	1430	1950	1460	2010	899	432
11	76	119	144	2260	453	5500	1380	2240	1680	1910	921	417
12	83	159	160	1030	430	3580	1400	2150	1860	1950	868	384
13	80	163	147	853	425	2770	1190	2050	2560	1750	840	348
14	79	154	130	2270	461	2520	1190	1940	2610	1700	792	334
15	68	147	135	1880	428	2240	1040	1990	2790	1790	732	347
16	65	155	133	1050	403	2180	962	1870	2880	1790	662	344
17	75	160	119	787	395	1860	889	2080	2500	1750	655	344
18	85	173	121	749	385	1630	823	2180	2440	1780	636	363
19	78	126	123	664	388	1870	764	2290	2470	1720	633	383
20	80	120	132	611	390	2040	730	2460	2320	1600	632	366
21	72	148	120	498	398	2490	889	2600	2230	1540	599	361
22	72	153	122	441	402	2110	847	2870	2100	1450	568	373
23	66	139	124	430	416	1740	823	3100	2120	1310	604	388
24	66	136	112	406	431	1460	858	3130	2310	1200	520	383
25	73	177	131	416	481	1270	990	2960	2490	1170	476	387
26	64	194	119	389	519	1170	1290	2950	2650	1300	475	394
27	64	158	116	391	519	1140	1470	3040	2550	1410	469	402
28	57	178	121	390	518	1100	1640	3050	2470	1370	467	424
29	61	159	141	351	---	1020	1880	3090	2470	1390	454	415
30	57	163	139	345	---	951	2570	3110	2410	1270	423	410
31	55	---	125	368	---	948	---	3160	---	1220	386	---
TOTAL	2145	4089	4759	19482	13930	53743	35845	81260	72700	53240	23327	11891
MEAN	69.2	136	154	628	497	1734	1195	2621	2423	1717	752	396
MAX	85	194	275	2270	795	5500	2570	4740	3270	2330	1190	463
MIN	55	54	112	114	385	537	730	1870	1460	1170	386	334
AC-FT	4250	8110	9440	38640	27630	106600	71100	161200	144200	105600	46270	23590

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 1995, BY WATER YEAR (WY)

MEAN	375	583	683	686	812	1061	1144	1560	1080	569	380	385
MAX	915	2820	3908	3328	3865	4956	3595	4421	5701	3035	1065	1476
(WY)	1983	1984	1984	1984	1986	1986	1983	1982	1983	1983	1983	1983
MIN	50.5	79.0	113	131	139	307	207	237	91.9	64.8	50.4	53.7
(WY)	1993	1978	1991	1991	1991	1992	1977	1992	1992	1992	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1972 - 1995	
ANNUAL TOTAL	118368		376411			
ANNUAL MEAN	324		1031		781	
HIGHEST ANNUAL MEAN					2731	1983
LOWEST ANNUAL MEAN					154	1992
HIGHEST DAILY MEAN	1610	May 12	5500	Mar 11	16000	Feb 19 1986
LOWEST DAILY MEAN	39	Aug 14	54	Nov 1	36	Jul 25 1992
ANNUAL SEVEN-DAY MINIMUM	44	Aug 9	57	Oct 28	41	Jul 23 1992
INSTANTANEOUS PEAK FLOW			8910	Mar 10	17500	Feb 19 1986
INSTANTANEOUS PEAK STAGE			11.25	Mar 10	15.20	Feb 19 1986
ANNUAL RUNOFF (AC-FT)	234800		746600		565700	
10 PERCENT EXCEEDS	1130		2480		1840	
50 PERCENT EXCEEDS	156		632		461	
90 PERCENT EXCEEDS	53		93		144	

10350500 TRUCKEE RIVER AT CLARK, NV

LOCATION.--Lat 39°33'56", long 119°29'08", in SE $^1/_4$ SW $^1/_4$ sec.26, T.20 N., R.22 E., Storey County, Hydrologic Unit 16050102, on left bank, about 250 ft downstream from Clark Bridge, about 2 mi downstream from cooling pond outlet at Tracy powerplant, about 0.2 mi west of Clark, and at mi 38.60, upstream from Marble Bluff Dam. Prior to January 16, 1985, at site about 200 ft upstream on right bank.

DRAINAGE AREA.--1,600 mi^2, approximately.

PERIOD OF RECORD.--Water years 1972 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1983 to September 1988; September 1993 to current year.
WATER TEMPERATURE: June 1972 to September 1977; June 1978 to current year.

INSTRUMENTATION.--Specific-conductance recorder from October 1983 to September 1988, hourly; August 1993 to current year, four times per hour. Temperature recorder from June 1972 to September 1977, continuous; June 1978 to February 1980, four times per hour; March 1980 to May 1982, two times per hour; June 1982 to May 1990, hourly; June to October 1990, four times per hour; November 1990 to July 1993, hourly; August 1993 to current year, four times per hour.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. In April 1993, station incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Pyramid and Winnemucca Lakes Basin. Interruptions in the record were due to instrument malfunction.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 709 microsiemens, November 6, 1994; minimum, 62 microsiemens, February 17, 1986.
WATER TEMPERATURE: Maximum recorded, 29.5°C, June 4, 1977 (temperature presumably higher during period of recorder malfunction in June 1977); minimum, freezing point on several days during winter months of some years.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum recorded, 709 microsiemens, November 6; minimum recorded, 98 microsiemens, May 3.
WATER TEMPERATURE: Maximum recorded, 22.0°C, August 24; minimum recorded, 0.5°C, December 9, 10.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)
OCT											
26...	1100	64	668	8.4	--	12.0	655	8.7	94	160	1
NOV											
30...	1030	176	468	8.2	6.0	4.0	665	12.9	113	120	8
DEC											
28...	1030	122	475	7.9	--	4.5	650	10.6	96	120	0
JAN											
26...	1030	381	293	7.8	7.0	6.0	650	10.5	99	81	6
FEB											
22...	1030	402	286	8.3	11.0	9.5	655	12.1	124	75	2
MAR											
28...	1030	1100	228	8.0	7.5	6.0	660	9.2	85	66	8

DATE	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
OCT											
26...	41	14	69	2	1.9	190	2	160	67	65	0.30
NOV											
30...	32	10	47	2	7.2	138	--	113	40	45	0.20
DEC											
28...	32	9.4	46	2	7.5	146	--	120	46	45	0.20
JAN											
26...	21	6.9	26	1	3.6	91	--	74	25	28	0.10
FEB											
22...	20	6.2	24	1	3.9	89	--	73	21	24	0.10
MAR											
28...	17	5.6	18	1	2.9	70	--	59	21	17	0.10

10350500 TRUCKEE RIVER AT CLARK, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)
OCT										
26...	17	394	371	68.1	0.54	<0.010	0.100	<0.015	0.60	0.60
NOV										
30...	24	291	276	138	0.40	0.050	0.460	0.550	1.0	1.0
DEC										
28...	23	302	285	99.5	0.41	0.080	0.610	1.10	1.9	1.5
JAN										
26...	23	183	180	188	0.25	<0.010	0.300	0.020	0.20	0.20
FEB										
22...	19	176	163	191	0.24	0.010	0.110	0.080	0.50	0.30
MAR										
28...	23	152	141	451	0.21	<0.010	0.320	0.190	0.50	0.40

DATE	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C) (00689)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT										
26...	0.030	0.010	<0.010	37	28	--	--	--	--	--
NOV										
30...	0.030	0.020	<0.010	43	39	3.7	0.60	8	3.8	98
DEC										
28...	0.040	0.030	0.020	45	79	3.6	0.70	9	3.0	94
JAN										
26...	0.020	0.020	0.020	46	29	2.6	0.60	25	26	86
FEB										
22...	0.030	<0.010	<0.010	53	23	2.8	0.80	38	41	52
MAR										
28...	0.110	0.040	0.050	73	21	3.0	1.5	63	187	97

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	657	627	643	679	660	671	461	439	451	493	458	477
2	664	642	653	686	670	678	477	448	463	504	486	494
3	659	646	652	688	677	682	493	461	477	491	472	481
4	652	641	646	697	679	688	483	443	464	495	474	488
5	650	629	643	703	690	696	471	389	422	486	455	470
6	653	626	640	709	684	698	404	379	391	510	464	491
7	660	643	651	695	547	642	389	326	348	620	462	529
8	657	632	645	556	421	476	347	320	333	473	421	444
9	662	643	656	464	438	454	347	322	335	449	417	438
10	658	643	650	537	454	490	379	337	356	421	218	335
11	652	632	644	546	502	527	448	379	411	230	208	219
12	657	632	647	560	528	543	485	406	444	247	230	239
13	676	655	666	543	459	494	444	425	435	241	228	232
14	677	638	664	471	444	460	454	437	448	231	161	187
15	643	621	633	465	446	456	487	446	465	185	155	168
16	634	615	624	479	463	474	485	445	471	208	185	199
17	671	633	658	476	431	444	467	442	455	224	208	217
18	682	646	667	453	426	442	503	465	485	231	217	223
19	655	608	637	463	425	454	488	463	476	228	218	224
20	617	576	599	578	459	514	478	466	471	232	221	226
21	597	579	590	569	456	516	472	439	459	259	230	244
22	620	592	610	516	443	483	474	459	468	278	254	268
23	636	609	624	548	474	520	481	457	468	286	264	274
24	654	624	641	522	498	510	470	450	462	292	272	279
25	662	642	652	525	482	500	506	467	486	306	280	290
26	660	638	651	520	447	473	482	454	466	298	289	293
27	655	639	648	538	516	530	461	453	458	311	288	297
28	657	642	650	593	462	529	478	454	465	329	301	319
29	658	641	652	540	465	501	489	455	468	338	312	324
30	664	651	658	482	455	470	488	449	464	334	317	328
31	667	651	661	---	---	---	485	453	468	335	321	329
MONTH	682	576	644	709	421	534	506	320	443	620	155	323

PYRAMID AND WINNEMUCCA LAKES BASIN

10350500 TRUCKEE RIVER AT CLARK, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	321	250	283	226	210	218	228	206	218	138	122	133
2	254	212	233	228	212	222	210	197	205	122	108	111
3	220	209	213	217	195	208	206	196	201	109	98	105
4	228	216	222	---	---	---	205	195	200	107	101	104
5	235	218	226	---	---	---	203	193	199	109	104	106
6	229	220	224	---	---	---	200	180	189	113	109	112
7	248	226	235	---	---	---	184	178	182	119	112	117
8	255	243	248	---	---	---	186	146	162	122	117	120
9	263	244	253	---	---	---	150	141	147	121	114	118
10	255	235	248	---	---	---	149	141	144	120	113	116
11	264	249	258	---	---	---	151	146	149	117	111	113
12	281	261	270	---	---	---	155	148	152	115	108	112
13	280	263	270	---	---	---	165	153	159	123	115	119
14	288	268	275	---	---	---	168	163	166	124	118	122
15	281	270	276	---	---	---	172	168	170	128	120	124
16	288	276	283	---	---	---	176	170	174	129	122	126
17	291	278	284	---	---	---	189	175	182	125	113	118
18	301	282	291	---	---	---	202	188	195	124	111	116
19	291	276	284	---	---	---	213	201	207	---	---	---
20	286	272	280	---	---	---	215	209	213	---	---	---
21	291	271	284	---	---	---	---	---	---	---	---	---
22	290	268	281	---	---	---	208	188	201	---	---	---
23	291	262	276	---	---	---	207	189	199	---	---	---
24	284	257	271	217	196	211	215	206	212	---	---	---
25	265	239	255	215	206	211	224	212	218	---	---	---
26	249	228	238	210	201	206	213	185	203	---	---	---
27	237	217	229	225	208	216	185	161	175	---	---	---
28	231	212	225	230	219	227	162	153	159	---	---	---
29	---	---	---	222	215	218	154	146	151	---	---	---
30	---	---	---	227	221	224	146	131	139	---	---	---
31	---	---	---	228	221	225	---	---	---	---	---	---
MONTH	321	209	258	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	239	227	233
27	---	---	---	---	---	---	---	---	---	240	230	235
28	---	---	---	---	---	---	---	---	---	233	227	230
29	---	---	---	---	---	---	---	---	---	233	228	230
30	---	---	---	---	---	---	---	---	---	235	229	232
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

10350500 TRUCKEE RIVER AT CLARK, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19.5	15.5	17.5	11.0	9.5	10.5	5.5	4.0	4.5	3.0	2.0	2.5
2	20.0	16.0	17.5	10.5	8.5	9.5	6.5	4.5	5.5	3.0	1.5	2.5
3	17.5	14.0	15.5	9.0	6.0	7.5	8.0	5.5	6.5	3.0	2.0	2.5
4	14.0	12.0	12.5	7.0	5.5	6.5	8.0	6.5	7.0	2.5	2.0	2.5
5	15.5	11.5	13.5	8.5	7.0	7.5	7.0	5.5	6.5	4.5	2.0	3.0
6	16.0	12.0	14.0	10.5	8.5	9.5	6.5	5.0	5.5	5.0	3.5	4.0
7	16.5	13.0	14.5	11.0	9.5	10.5	5.5	3.5	4.5	6.0	3.5	4.5
8	16.5	12.5	14.5	10.5	8.0	9.5	3.5	1.5	2.5	6.5	4.0	5.0
9	17.0	13.0	15.0	10.0	8.5	9.0	3.0	.5	2.0	7.5	5.5	6.5
10	16.5	13.5	15.0	8.5	6.5	7.5	3.0	.5	2.0	7.0	4.5	6.0
11	16.5	13.0	15.0	8.5	6.0	7.0	4.0	1.5	3.0	4.5	2.5	3.0
12	15.0	13.0	14.0	9.0	6.5	8.0	5.5	3.5	4.5	4.0	3.0	3.5
13	14.5	11.0	12.5	7.0	4.5	6.0	5.5	4.0	4.5	6.0	4.0	5.0
14	13.0	10.5	12.0	6.0	4.0	5.0	4.0	2.5	3.0	6.0	4.0	5.0
15	10.5	8.0	9.5	7.5	4.5	5.5	4.0	2.5	3.0	4.0	3.0	3.5
16	9.0	7.5	8.0	6.0	4.0	4.5	5.0	3.0	4.0	3.5	2.5	3.0
17	11.0	7.0	9.0	4.0	3.0	3.5	5.0	3.5	4.0	3.5	2.0	2.5
18	13.5	9.0	11.0	5.0	2.0	3.5	6.0	3.5	4.5	4.5	2.5	3.5
19	14.5	10.5	12.5	3.0	1.0	2.0	5.0	3.5	4.5	5.0	3.5	4.0
20	14.5	11.0	13.0	5.0	2.0	3.5	6.0	4.0	5.0	4.0	3.0	3.5
21	14.5	11.0	13.0	5.5	3.5	4.5	6.0	4.0	5.0	5.5	3.5	4.5
22	14.5	11.0	13.0	4.5	2.0	3.5	5.0	3.5	4.5	5.0	4.0	4.0
23	14.0	11.0	12.5	4.5	2.0	3.5	5.0	3.0	4.0	5.5	4.0	5.0
24	15.0	11.5	13.0	6.0	3.0	4.5	4.5	3.5	4.0	6.5	4.5	5.5
25	15.0	11.5	13.0	5.5	4.0	5.0	5.0	4.0	4.5	7.5	5.5	6.5
26	14.5	12.0	13.5	4.0	2.5	3.5	5.5	3.5	4.5	6.5	5.0	6.0
27	14.0	12.0	13.0	5.0	2.0	3.5	5.0	4.0	4.5	5.5	4.5	5.0
28	13.5	10.5	12.0	5.0	3.0	4.0	5.5	4.5	5.0	5.5	4.0	5.0
29	12.5	10.0	11.5	5.0	3.0	4.0	5.5	4.5	5.0	7.0	5.0	6.0
30	11.5	8.5	10.5	5.5	3.5	4.5	5.0	3.5	4.5	8.5	6.5	7.5
31	12.0	8.5	10.5	---	---	---	4.0	2.5	3.0	10.0	7.5	8.5
MONTH	20.0	7.0	13.0	11.0	1.0	5.9	8.0	.5	4.4	10.0	1.5	4.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	9.5	7.5	9.0	10.0	8.0	9.0	10.5	8.5	9.5	10.5	5.0	8.0
2	8.5	6.5	7.5	9.5	8.0	9.0	11.0	8.0	9.5	8.5	6.0	7.0
3	8.0	5.5	6.5	8.5	6.5	8.0	11.5	8.0	10.0	9.0	7.0	8.5
4	8.0	5.5	6.5	6.5	5.0	6.0	12.0	9.0	10.5	9.5	8.5	9.0
5	8.0	5.5	6.5	8.0	5.0	6.5	10.5	9.5	10.0	9.5	8.0	8.0
6	7.0	5.5	6.5	8.5	6.0	7.0	11.0	9.0	10.0	8.5	7.0	7.5
7	8.0	5.5	7.0	9.0	5.5	7.0	11.0	7.0	9.5	10.0	7.5	8.5
8	7.5	6.5	7.0	9.0	7.0	8.0	8.0	5.0	7.0	11.0	8.0	9.5
9	9.0	6.5	7.5	9.5	6.5	8.5	7.0	2.5	5.0	10.0	8.5	9.5
10	8.5	6.0	7.0	6.5	4.5	5.0	9.0	2.5	6.0	11.5	8.5	10.0
11	8.0	5.5	6.5	5.5	4.0	4.5	10.5	4.5	7.5	11.0	9.5	10.0
12	8.0	5.0	6.0	6.0	5.0	5.5	10.5	6.5	8.5	10.0	8.0	9.0
13	6.5	4.5	5.5	6.5	5.5	6.0	7.0	4.5	6.0	9.0	7.5	8.0
14	6.5	4.5	5.5	7.0	6.0	6.5	8.0	3.5	5.5	9.5	7.5	8.5
15	6.0	3.0	4.5	8.0	6.5	7.5	7.0	3.5	5.5	10.5	8.5	9.5
16	5.0	3.5	4.0	8.0	6.5	7.0	7.0	5.5	6.0	12.0	8.5	10.0
17	6.5	3.0	5.0	8.0	6.5	7.5	7.5	5.0	6.5	12.5	10.5	11.5
18	9.0	5.0	7.0	8.5	7.0	7.5	8.5	6.5	7.5	13.5	11.0	12.0
19	10.0	6.5	8.0	7.5	5.5	6.5	10.0	6.0	7.5	13.5	11.0	12.0
20	10.5	7.0	8.5	7.0	5.5	7.0	9.0	7.0	8.5	13.0	10.0	12.0
21	11.0	7.5	9.0	5.5	4.0	4.5	11.5	5.5	7.5	12.0	11.0	11.5
22	11.0	7.5	9.0	5.0	3.0	4.0	12.0	8.0	10.0	11.5	10.0	10.5
23	11.0	7.5	9.0	4.5	2.0	3.5	13.0	9.5	11.5	12.0	9.5	11.0
24	11.0	8.0	9.5	5.0	3.5	4.0	14.0	10.5	12.5	11.0	10.0	10.5
25	11.0	8.0	9.5	6.5	4.0	5.0	14.5	11.0	12.5	11.5	9.5	10.5
26	10.0	7.5	9.0	7.5	3.5	5.5	13.0	11.0	12.0	12.5	10.0	11.5
27	10.0	7.5	8.5	8.0	4.5	6.5	11.5	9.5	10.5	12.0	10.5	11.0
28	9.5	7.5	8.5	8.0	5.5	6.5	10.0	8.0	9.0	12.0	9.5	11.0
29	---	---	---	9.0	5.0	7.0	11.0	8.5	9.5	12.5	10.5	11.5
30	---	---	---	10.0	6.5	8.0	9.0	7.5	8.5	12.5	8.0	12.0
31	---	---	---	11.0	7.0	9.0	---	---	---	13.0	11.5	12.0
MONTH	11.0	3.0	7.3	11.0	2.0	6.5	14.5	2.5	8.6	13.5	5.0	10.0

PYRAMID AND WINNEMUCCA LAKES BASIN

10350500 TRUCKEE RIVER AT CLARK, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	12.5	11.5	12.0	14.5	12.0	13.5	19.5	14.5	17.5	21.5	17.0	19.0
2	11.5	8.0	11.0	15.5	10.0	13.5	19.0	14.0	18.0	20.0	17.5	19.0
3	13.0	8.5	11.5	16.0	10.5	14.0	19.5	15.0	17.5	21.5	18.0	19.5
4	13.5	8.5	12.0	16.5	12.5	15.0	20.0	13.0	18.0	20.5	14.5	18.5
5	13.0	7.5	11.0	17.0	13.0	15.5	20.5	17.0	19.0	20.0	14.5	17.5
6	11.0	9.5	10.0	17.0	12.0	15.5	20.5	17.5	18.5	19.5	13.5	17.5
7	11.0	9.0	10.0	16.5	11.0	15.0	19.5	16.5	18.0	19.5	13.0	17.5
8	11.5	9.0	10.5	15.5	13.5	15.0	18.5	15.0	17.0	19.5	15.5	17.5
9	14.5	10.0	12.0	16.5	13.5	15.0	19.0	15.0	17.0	20.5	14.5	18.0
10	16.0	12.0	14.0	16.5	13.5	15.5	19.0	16.5	17.5	20.0	14.5	18.0
11	15.5	13.0	14.0	16.0	11.0	15.0	18.5	15.5	17.0	20.5	16.0	18.5
12	15.0	12.5	13.5	15.5	13.0	14.5	19.5	12.0	17.0	20.5	16.5	18.5
13	13.0	10.5	12.0	16.0	10.5	14.0	19.0	15.5	17.0	21.0	16.5	18.5
14	12.0	10.5	11.5	17.0	12.5	15.5	20.0	15.5	17.5	20.5	16.0	18.5
15	12.0	9.5	10.5	18.0	15.5	16.5	20.5	15.0	18.5	21.0	16.5	19.0
16	10.5	8.0	9.5	18.0	12.5	16.5	19.5	14.5	17.5	20.5	17.5	19.0
17	12.0	8.5	11.0	17.0	16.0	17.0	19.0	13.0	17.0	20.0	16.0	18.0
18	13.0	10.0	11.5	17.5	15.0	16.0	18.0	11.5	16.0	20.5	15.0	18.5
19	12.5	9.5	11.5	17.0	15.0	16.5	19.0	14.5	16.5	20.5	16.5	18.5
20	12.5	10.5	11.5	18.0	16.0	17.0	20.5	16.0	18.0	21.0	17.0	19.0
21	13.5	10.5	12.0	8.0	16.0	17.0	21.5	17.0	19.0	18.5	15.5	17.0
22	15.0	12.0	13.5	.0	14.0	16.5	21.0	18.0	19.5	17.5	11.5	16.5
23	15.5	12.5	14.0	0	14.5	16.5	21.0	15.0	19.0	19.0	12.5	17.0
24	16.0	11.5	14.5		13.0	16.5	22.0	18.5	20.0	19.0	15.0	17.0
25	15.5	12.5	14.5		14.5	17.0	21.5	16.0	19.5	18.5	12.0	16.0
26	15.0	12.5	14.0	18.0	12.0	17.0	20.5	17.0	18.5	18.5	15.0	16.5
27	15.0	9.5	13.0	18.5	16.5	17.5	20.0	15.5	18.5	18.5	14.5	16.5
28	15.5	13.0	14.0	19.0	17.0	18.0	19.5	13.5	17.5	17.0	14.5	15.5
29	15.5	13.0	14.5	18.5	17.5	18.0	19.5	13.5	17.5	17.0	13.5	15.0
30	14.0	10.5	13.0	18.0	14.5	17.0	20.0	13.5	17.5	16.0	13.0	14.5
31	---	---	---	18.5	15.5	17.0	20.5	14.0	18.5	---	---	---
MONTH	16.0	7.5	12.2	19.0	10.0	15.9	22.0	11.5	17.9	21.5	11.5	17.6
YEAR	22.0	.5	10.3									

PYRAMID AND WINNEMUCCA LAKES BASIN

10351300 TRUCKEE CANAL NEAR WADSWORTH, NV

LOCATION (REVISED).--Lat 38°36'46", long 119°17'46", in NW $^1/_4$ SW $^1/_4$ sec. 9, T.20 N., R.24 E., Storey County, Hydrologic Unit 16050102, Pyramid Indian Reservation, on left bank, 2.2 mi southwest of Wadsworth, and at mi 22.04, upstream from terminal weir at Lahontan Reservoir.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1966 to current year.

REVISED RECORDS.--WDR NV-77-1: 1975.

GAGE.--Velocity-stage recorder. Elevation of gage is 4,200 ft above sea level, from topographic map. Prior to May 23, 1994, at site 0.9 mi upstream, at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow is regulated by Derby Dam (including two wasteways between gage and Derby Dam) and many reservoirs, powerplants, and diversions above Derby Dam. No flow at times, in some years. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	58	e52	e149	136	551	548	27	67	134	e119	101	125
2	54	e47	e148	e139	770	556	29	56	163	e120	97	118
3	52	e43	e151	e148	781	652	29	98	148	e121	98	132
4	53	e34	e160	145	708	851	28	96	141	e123	122	137
5	55	e22	205	137	680	719	29	89	136	e117	128	124
6	58	e40	231	162	658	679	29	49	85	e110	142	112
7	59	e90	e265	185	630	629	28	25	51	e111	122	116
8	54	e76	e262	278	565	519	32	29	85	e112	107	119
9	54	e92	247	234	544	539	37	79	78	e112	107	117
10	52	e89	202	520	541	967	39	81	119	e113	125	117
11	55	e100	159	888	503	918	34	77	121	e113	131	110
12	59	e120	162	651	455	905	32	65	134	e110	120	87
13	62	e140	166	753	453	891	28	65	163	e115	116	77
14	62	e130	e145	781	483	929	30	43	166	e140	117	89
15	59	e130	150	804	e460	643	28	34	135	e134	109	93
16	e52	e140	e144	873	e440	609	27	37	133	e130	90	92
17	e52	e150	e139	732	e410	e350	24	47	84	e125	81	93
18	64	e150	e128	701	e390	e280	24	48	52	e122	139	93
19	67	e120	e128	658	e390	e300	45	53	e35	e120	134	100
20	66	e104	143	605	e390	e430	121	66	e33	e121	94	94
21	63	e120	e132	547	e395	e200	128	94	e40	e109	70	91
22	60	e130	131	483	e410	e150	101	100	e44	e102	93	92
23	58	e129	e140	469	e420	e130	87	85	e48	e97	99	101
24	55	e123	e131	459	e434	e41	81	84	e53	e100	101	101
25	57	e149	133	453	476	e45	67	60	e60	e106	96	104
26	55	e126	131	449	525	e50	56	64	e78	e115	127	107
27	52	e142	126	415	531	e52	62	85	e100	e123	142	111
28	52	e151	125	456	528	e61	62	84	e112	e124	124	110
29	e51	e149	139	400	---	e97	55	86	e120	114	106	111
30	e54	e150	147	391	---	80	68	97	e120	101	119	106
31	e55	---	e145	396	---	26	---	111	---	103	131	---
TOTAL	1759	3238	4964	14448	14521	13846	1467	2154	2971	3582	3488	3179
MEAN	56.7	108	160	466	519	447	48.9	69.5	99.0	116	113	106
MAX	67	151	265	888	781	967	128	111	166	140	142	137
MIN	51	22	125	136	390	26	24	25	33	97	70	77
AC-FT	3490	6420	9850	28660	28800	27460	2910	4270	5890	7100	6920	6310

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1995, BY WATER YEAR (WY)

MEAN	250	277	236	192	195	255	300	368	289	221	208	218
MAX	522	535	660	520	633	722	870	822	822	458	339	340
(WY)	1976	1969	1967	1967	1967	1989	1989	1978	1970	1971	1967	1969
MIN	36.7	39.5	.000	.000	.000	.000	48.9	69.5	57.7	39.1	3.21	29.8
(WY)	1993	1985	1976	1971	1971	1971	1995	1995	1992	1992	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1967 - 1995	
ANNUAL TOTAL	43505.06		69617			
ANNUAL MEAN	119		191		251	
HIGHEST ANNUAL MEAN					397	1978
LOWEST ANNUAL MEAN					116	1983
HIGHEST DAILY MEAN	528	Jun 6	967	Mar 10	967	Mar 10 1995
LOWEST DAILY MEAN	.00	Aug 3	22	Nov 5	.00	Dec 14 1967
ANNUAL SEVEN-DAY MINIMUM	.00	Aug 3	28	Apr 12	.00	Jan 4 1968
ANNUAL RUNOFF (AC-FT)	86290		138100		181800	
10 PERCENT EXCEEDS	245		534		513	
50 PERCENT EXCEEDS	120		117		221	
90 PERCENT EXCEEDS	13		47		23	

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

10351400 TRUCKEE CANAL NEAR HAZEN, NV

LOCATION (REVISED).--Lat 39°30'14", long 119°02'39", in NE 1/4 NE 1/4 sec.22, T.19 N., R.26 E., Churchill County, Hydrologic Unit 16050203, on left bank, 500 ft downstream from Bango check dam, 4.0 mi southwest of Hazen, and at mi 3.35, upstream from terminal weir at Lahontan Reservoir.

DRAINAGE AREA.--Indeterminate.

PERIOD OF RECORD.--October 1966 to current year. Records since October 1, 1980, equivalent if records for the KX lateral are added to flow past station.

GAGE.--Water-stage recorder. Datum of gage is 4,166.53 ft above sea level, Bureau of Reclamation datum. Since October 1, 1980, at site 200 ft downstream from Bango check dam. From March 17, 1972, to September 30, 1980, gage on left bank, 0.1 mi downstream from Hazen check dam and auxiliary water-stage recorder 20 ft upstream from KX lateral diversion canal. October 1, 1967, to March 17, 1972, auxiliary water-stage recorder on right bank, approximately 6 mi downstream from base gage.

REMARKS.--Records fair except estimated daily discharges, which are poor. Flow regulated by Derby Dam, diversions, and spillways between Derby Dam and station. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	18	120	101	314	471	1.4	.41	.25	2.1	4.4	e38
2	1.8	8.5	120	98	471	495	1.2	.32	1.4	2.1	11	e39
3	.85	.00	120	101	647	511	1.4	.19	5.4	23	2.3	e40
4	.86	.00	118	104	624	692	1.7	.30	.84	43	1.9	e40
5	.92	.00	132	105	570	679	1.8	1.7	.83	9.7	1.8	e40
6	1.3	.00	160	104	555	609	1.8	7.1	1.8	18	1.7	e35
7	1.6	.00	182	121	546	581	1.8	1.6	2.9	13	2.8	e32
8	1.7	.00	209	192	487	495	1.8	.96	.89	10	9.1	e30
9	1.8	6.7	193	193	454	454	1.7	.51	.85	2.5	1.5	e21
10	1.8	88	159	282	448	680	1.7	.46	.79	2.5	1.2	e15
11	2.4	111	126	754	442	791	1.7	9.2	.86	2.4	1.2	e12
12	2.5	82	114	691	410	801	1.7	4.3	4.3	2.4	.91	e9.0
13	2.7	79	123	637	398	778	1.6	1.3	11	2.4	.76	e7.0
14	2.0	101	117	720	403	771	1.5	.94	17	2.4	1.4	e4.0
15	1.7	103	107	664	423	691	1.4	.95	19	3.0	47	e5.0
16	2.3	99	111	779	393	632	1.3	.95	57	12	29	e5.0
17	2.6	100	108	637	368	431	1.3	.83	31	20	20	e5.0
18	2.0	106	100	642	361	178	1.2	.70	5.3	23	e12	e40
19	1.8	107	97	610	351	118	1.2	.62	3.2	2.1	e12	e40
20	1.9	105	101	562	351	133	1.4	.57	2.8	2.0	e14	e40
21	13	96	107	513	353	106	35	.57	2.5	15	e14	e40
22	8.9	107	98	450	360	33	8.6	.51	2.5	2.2	e17	e40
23	5.1	107	98	398	363	19	8.6	.51	2.3	2.1	e18	e42
24	4.4	115	105	381	372	13	4.7	.51	2.2	2.1	e23	e38
25	2.2	109	94	367	393	5.7	9.4	.51	2.2	21	e24	e38
26	1.1	120	101	362	444	4.9	2.4	1.4	30	5.7	e27	e44
27	1.3	133	97	353	470	4.5	1.2	2.0	27	12	e31	e43
28	1.9	126	95	339	472	4.1	1.4	.56	8.4	52	e34	e44
29	7.7	125	96	356	---	2.3	.90	.46	2.3	45	e35	e46
30	7.3	123	110	312	---	1.7	.40	.40	2.1	8.7	e36	e46
31	4.3	---	109	300	---	1.6	---	.33	---	11	e37	---
TOTAL	93.03	2275.20	3727	12228	12243	11186.8	103.20	41.67	248.91	374.4	471.97	918.0
MEAN	3.00	75.8	120	394	437	361	3.44	1.34	8.30	12.1	15.2	30.6
MAX	13	133	209	779	647	801	35	9.2	57	52	47	46
MIN	.85	.00	94	98	314	1.6	.40	.19	.25	2.0	.76	4.0
AC-FT	185	4510	7390	24250	24280	22190	205	83	494	743	936	1820

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 1995, BY WATER YEAR (WY)

MEAN	196	246	219	178	183	235	241	255	173	92.7	88.4	134
MAX	442	506	620	503	630	668	774	692	673	297	220	290
(WY)	1976	1974	1967	1967	1967	1989	1989	1978	1970	1971	1976	1985
MIN	3.00	8.40	.000	.000	.000	.000	3.44	1.34	8.30	.34	.063	.52
(WY)	1995	1985	1976	1971	1971	1971	1995	1995	1995	1992	1992	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1967 - 1995	
ANNUAL TOTAL	29319.54		43911.18			
ANNUAL MEAN	80.3		120		187	
HIGHEST ANNUAL MEAN					330	1978
LOWEST ANNUAL MEAN					41.4	1983
HIGHEST DAILY MEAN	446	Jun 7	801	Mar 12	916	Feb 3 1967
LOWEST DAILY MEAN	.00	Jul 7	.00	Nov 3	.00	Jan 7 1968
ANNUAL SEVEN-DAY MINIMUM	.00	Aug 9	.54	May 19	.00	Dec 11 1970
ANNUAL RUNOFF (AC-FT)	58160		87100		135200	
10 PERCENT EXCEEDS	200		454		466	
50 PERCENT EXCEEDS	45		18		113	
90 PERCENT EXCEEDS	.00		.90		2.9	

e Estimated

PYRAMID AND WINNEMUCCA LAKES BASIN

10351600 TRUCKEE RIVER BELOW DERBY DAM, NEAR WADSWORTH, NV

LOCATION.--Lat 39°35'05", long 119°26'25", in NW $^1/_4$ SE $^1/_4$ sec.19, T.20 N., R.23 E., Storey County, Hydrologic Unit 16050102, on right bank, 1,500 ft downstream from Derby Dam, 3.2 mi downstream from Clark, 9 mi southwest of Wadsworth, and at mi 34.49, upstream from Marble Bluff Dam.

DRAINAGE AREA.--1,676 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 1909 to December 1910, January to December 1916, January 1918 to July 1958, October 1958 to current year. Records prior to January 1918 not equivalent, due to site location above Derby Dam.

REVISED RECORDS.--WSP 1714: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4,200 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Lake Tahoe (station 10337000), Martis Creek Lake (station 10339380), Prosser Creek (station 10340300), Stampede (station 10344300) and Boca (station 10344490) Reservoirs, Donner (station 10338400) and Independence (station 10342900) Lakes, several powerplants, many diversions for irrigation, and by Derby Dam. Truckee Canal diverts water at Derby Dam out of basin to Lahontan Reservoir into the Carson River basin. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e1.3	1.0	2.7	.61	9.2	11	913	2830	2910	1980	917	168
2	e1.3	10	2.7	.60	13	11	938	4340	2900	1870	873	209
3	e1.2	25	2.6	.60	14	15	901	3020	2620	1830	841	250
4	e1.1	26	2.9	.66	11	26	921	2260	2610	1790	806	269
5	e1.1	16	10	.68	9.0	17	970	2200	2710	1700	813	261
6	e1.0	7.3	8.2	.64	7.3	14	1020	1990	2320	1720	788	259
7	e1.0	68	17	.75	5.4	12	1100	1810	1800	1730	762	250
8	e1.0	77	1.4	1.7	4.8	8.9	1560	1660	1560	1670	757	240
9	e1.1	16	1.1	.97	5.0	426	1400	1590	1310	1690	680	238
10	e1.1	2.7	.93	391	5.1	3400	1270	1560	1220	1710	650	244
11	e1.0	1.7	.89	1300	5.2	4390	1240	1830	1410	1620	685	232
12	e1.0	2.0	.98	328	5.2	2470	1250	1770	1580	1660	639	214
13	e1.0	3.3	1.0	71	4.5	1600	1050	1680	2150	1470	624	181
14	e1.0	3.7	.96	972	4.4	1460	1080	1590	2230	1390	590	165
15	e1.0	3.4	.91	929	4.1	1300	933	1630	2340	1450	553	168
16	e.90	3.2	.84	160	3.9	1340	862	1560	2520	1470	509	166
17	e.90	6.4	.83	87	3.6	1430	795	1680	2150	1430	463	165
18	e.80	12	.73	63	3.5	1250	733	1810	2090	1470	413	168
19	e.80	15	.72	58	3.5	1420	633	1900	2110	1400	403	192
20	.78	2.7	.84	54	3.6	1460	516	2040	1980	1330	407	174
21	.79	2.6	.75	38	3.6	2150	446	2170	1900	1270	382	163
22	.70	2.9	.72	19	3.5	1810	625	2400	1780	1200	350	167
23	.68	3.6	.74	15	3.6	1550	579	2680	1790	1090	381	180
24	.66	2.0	.62	10	3.6	1290	617	2740	1940	928	321	174
25	.67	1.9	.61	8.9	3.6	1020	717	2580	2100	886	284	174
26	.65	8.2	.62	8.6	7.6	903	964	2550	2270	993	260	186
27	.67	3.5	.63	6.7	10	997	1170	2640	2190	1110	248	183
28	.67	2.8	.63	7.7	11	931	1330	2660	2100	1080	242	200
29	.66	2.7	.62	6.9	---	789	1500	2710	2120	1110	237	194
30	.71	2.3	.61	6.1	---	772	2080	2740	2050	986	214	190
31	.72	---	.62	5.3	---	794	---	2800	---	931	188	---
TOTAL	27.96	334.9	65.40	4552.41	171.8	35066.9	30113	69420	62760	43964	16280	6024
MEAN	.90	11.2	2.11	147	6.14	1131	1004	2239	2092	1418	525	201
MAX	1.3	77	17	1300	14	4390	2080	4340	2910	1980	917	269
MIN	.65	1.0	.61	.60	3.5	8.9	446	1560	1220	886	188	163
AC-FT	55	664	130	9030	341	69560	59730	137700	124500	87200	32290	11950

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1918 - 1995, BY WATER YEAR (WY)

MEAN	71.9	154	316	357	482	515	703	977	628	157	69.4	71.6
MAX	776	2629	3722	3205	3340	4054	3395	4587	5099	2478	716	1071
(WY)	1983	1984	1984	1984	1986	1986	1952	1952	1983	1983	1975	1983
MIN	.90	.13	.22	.24	1.22	.57	6.93	16.6	11.4	6.87	5.39	4.37
(WY)	1995	1956	1962	1962	1961	1962	1931	1931	1960	1931	1931	1931

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1918 - 1995	
ANNUAL TOTAL	65457.76		268780.37			
ANNUAL MEAN	179		736		372	
HIGHEST ANNUAL MEAN					2430	1983
LOWEST ANNUAL MEAN					6.16	1931
HIGHEST DAILY MEAN	1310	May 7	4390	Mar 11	15000	Feb 19 1986
LOWEST DAILY MEAN	.61	Dec 25	.60	Jan 2	.00	Jun 26 1918
ANNUAL SEVEN-DAY MINIMUM	.62	Dec 24	.61	Dec 28	.00	Nov 3 1955
INSTANTANEOUS PEAK FLOW			6770	Mar 11	18400	Feb 1 1963
INSTANTANEOUS PEAK STAGE			9.46	Mar 11	14.26	Feb 1 1963
ANNUAL RUNOFF (AC-FT)	129800		533100		269800	
10 PERCENT EXCEEDS	843		2100		1130	
50 PERCENT EXCEEDS	16		244		29	
90 PERCENT EXCEEDS	.97		.84		4.0	

e Estimated

10351600 TRUCKEE RIVER BELOW DERBY DAM NEAR WADSWORTH, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1988 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: June 1988 to current year.

INSTRUMENTATION.--Water-temperature monitor since June 1988, hourly.

REMARKS.--Records represent water temperature at probe within 0.5°C.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum recorded, 30.0°C, July 15, 1992; minimum, freezing point on many days in winter months in most years.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum recorded, 22.0°C, August 24, September 1, 3; minimum recorded, 1.0°C, many days in November, December, and January.

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	20.0	12.0	16.0	9.5	7.0	8.0	6.0	2.5	4.0	4.5	2.0	3.0
2	18.5	12.5	15.5	10.0	6.5	8.0	8.0	4.0	5.5	3.5	1.5	2.5
3	15.5	10.0	13.0	9.0	6.0	7.0	9.0	4.5	6.5	3.5	1.5	2.5
4	12.5	9.5	10.5	7.5	5.5	6.5	8.0	5.5	6.5	2.5	1.0	2.0
5	14.0	9.5	11.5	7.0	5.5	6.0	7.0	4.5	5.5	1.5	1.0	1.5
6	15.0	9.0	12.0	10.0	6.0	7.5	6.5	4.0	5.0	3.0	1.5	2.0
7	16.0	8.0	12.0	9.5	7.5	9.0	6.0	3.0	4.5	3.5	1.5	2.5
8	16.5	8.0	12.0	10.0	8.5	9.0	4.5	2.0	3.0	5.0	3.0	4.0
9	16.0	9.0	13.0	11.0	7.0	8.5	3.5	1.5	2.5	9.0	5.0	7.0
10	15.0	10.5	13.0	8.0	6.0	7.0	3.0	1.0	2.0	8.0	5.0	6.5
11	15.0	9.0	12.5	8.5	5.0	6.5	4.0	1.5	3.0	5.0	4.0	4.5
12	13.5	10.0	12.0	8.0	5.0	6.0	3.5	3.0	3.0	4.5	4.0	4.5
13	11.0	7.5	9.0	8.0	2.5	4.5	4.0	3.0	3.5	5.5	4.5	5.0
14	10.0	7.0	8.5	6.5	2.5	4.0	4.0	2.0	2.5	5.5	5.5	5.5
15	10.0	5.0	7.0	6.0	3.5	4.5	3.0	2.5	2.5	5.5	4.5	4.5
16	8.5	4.0	6.0	4.5	2.0	3.5	3.0	2.5	3.0	4.5	4.0	4.0
17	11.0	3.0	7.5	3.0	2.0	2.5	3.5	2.5	3.0	4.0	3.5	4.0
18	12.5	5.5	9.0	4.5	1.5	2.5	5.0	2.0	3.0	4.0	3.5	4.0
19	14.5	6.0	10.0	4.0	1.0	2.0	4.5	2.0	3.0	4.5	4.0	4.0
20	14.5	7.5	11.0	4.5	1.0	2.5	5.5	2.5	3.5	4.5	4.0	4.0
21	13.5	7.0	10.5	4.5	2.5	3.5	5.5	2.5	3.5	4.5	4.0	4.5
22	13.5	7.0	10.5	4.5	2.0	3.0	4.0	2.0	3.0	4.5	4.0	4.5
23	14.0	7.0	10.5	4.5	1.5	2.5	3.5	1.5	2.5	5.5	4.5	4.5
24	14.0	8.5	11.5	5.0	2.5	3.5	3.0	1.5	2.5	6.0	4.5	5.0
25	14.5	8.0	11.0	4.5	2.0	3.0	3.0	2.0	2.5	6.5	5.0	5.5
26	13.5	9.0	11.5	4.5	1.5	2.5	5.0	2.5	3.5	6.0	5.0	5.5
27	12.5	9.5	11.0	4.5	1.0	2.5	4.5	3.0	4.0	5.5	4.5	5.0
28	13.5	8.0	10.5	5.0	1.5	3.0	5.0	3.0	4.0	5.5	4.5	5.0
29	11.5	7.0	9.5	5.0	1.5	3.0	4.0	3.0	3.5	6.0	5.0	5.5
30	10.0	4.5	7.5	5.5	2.5	4.0	5.5	2.5	4.0	7.0	5.5	6.0
31	11.5	5.0	8.0	---	---	---	3.5	1.5	2.5	8.0	6.5	7.0
MONTH	20.0	3.0	10.7	11.0	1.0	4.8	9.0	1.0	3.6	9.0	1.0	4.4

PYRAMID AND WINNEMUCCA LAKES BASIN

10351600 TRUCKEE RIVER BELOW DERBY DAM NEAR WADSWORTH, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	8.0	7.0	7.5	12.0	7.5	9.5	10.0	8.5	9.5	10.5	7.5	9.0
2	7.5	6.5	7.0	11.5	8.0	9.5	11.0	7.5	9.0	8.5	6.0	7.0
3	7.0	5.5	6.5	9.0	6.0	8.0	11.5	8.0	9.5	9.5	8.0	8.5
4	7.0	5.5	6.0	8.5	5.0	6.5	11.5	9.0	10.0	10.5	9.0	9.5
5	7.0	5.0	6.0	9.0	4.5	6.5	10.0	9.0	9.5	9.5	8.0	8.5
6	6.5	5.0	6.0	10.0	4.5	7.0	11.0	9.0	9.5	8.5	7.5	8.0
7	11.0	5.5	7.0	11.0	5.0	7.5	10.5	8.0	9.5	10.5	7.5	9.0
8	9.0	6.0	7.5	10.0	6.5	8.0	8.5	7.0	7.5	11.5	8.5	9.5
9	11.5	6.0	7.5	9.5	7.5	8.5	7.0	5.5	6.5	10.5	9.5	10.0
10	10.5	4.5	7.0	7.5	5.0	6.5	9.0	5.0	7.0	12.0	8.5	10.0
11	9.5	4.5	6.5	5.5	3.5	4.5	11.0	7.5	9.0	11.5	9.5	10.5
12	9.0	4.0	5.5	6.0	5.0	5.5	10.5	8.5	9.5	10.0	8.5	9.5
13	9.0	3.0	5.0	6.5	5.5	6.0	9.5	7.5	8.5	9.0	8.0	8.5
14	9.0	3.0	5.0	7.0	6.0	6.5	8.5	6.5	7.0	10.0	8.0	9.0
15	9.0	1.5	4.5	8.5	6.5	7.5	7.5	6.0	6.5	11.0	9.0	9.5
16	6.0	3.0	4.0	8.0	6.5	7.0	6.5	5.5	6.0	12.0	9.0	10.5
17	7.5	2.5	5.0	8.0	6.5	7.0	7.5	5.0	6.0	12.5	11.0	12.0
18	11.5	4.0	7.0	8.5	7.0	7.5	9.0	6.5	7.5	14.0	11.5	12.5
19	12.5	5.0	8.0	7.5	6.0	6.5	9.5	5.5	7.5	14.0	11.5	12.5
20	13.0	6.0	9.0	7.0	6.0	6.5	9.0	7.5	8.0	13.5	11.5	12.5
21	13.5	6.5	9.5	6.0	4.0	4.5	9.0	6.0	7.5	12.5	11.5	12.0
22	13.5	6.5	9.5	5.0	2.5	4.0	12.0	7.5	9.5	11.5	10.0	11.0
23	13.5	6.5	9.5	4.5	2.0	3.0	13.0	9.5	11.0	11.5	9.5	10.5
24	14.5	6.5	10.0	4.5	3.0	3.5	14.5	10.5	12.0	11.5	10.5	11.0
25	14.5	7.0	10.0	5.5	4.0	4.5	14.5	11.5	13.0	12.0	10.0	10.5
26	13.0	6.5	9.0	6.5	3.5	5.0	13.0	11.0	12.0	13.0	10.5	11.5
27	12.5	7.0	9.5	7.0	5.0	6.0	11.5	9.5	10.5	12.5	10.5	11.5
28	11.0	7.5	9.0	7.0	5.5	6.5	10.0	8.0	9.0	12.5	10.5	11.5
29	---	---	---	8.5	5.5	7.0	10.5	8.5	9.5	13.0	11.0	12.0
30	---	---	---	9.0	6.5	7.5	10.0	7.5	8.5	13.5	11.5	12.5
31	---	---	---	10.5	7.5	9.0	---	---	---	13.0	11.5	12.5
MONTH	14.5	1.5	7.3	12.0	2.0	6.5	14.5	5.0	8.8	14.0	6.0	10.4

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	13.0	11.5	12.5	14.0	12.5	13.5	19.5	16.0	17.5	22.0	17.5	20.0
2	12.0	11.0	11.5	15.5	12.5	13.5	19.0	16.5	18.0	21.0	18.5	20.0
3	13.5	11.0	12.0	16.5	13.5	14.5	19.5	15.5	17.5	22.0	19.0	20.0
4	14.0	12.0	13.0	16.5	14.0	15.0	20.5	16.5	18.5	21.0	18.0	19.5
5	13.0	10.5	12.0	17.0	14.0	15.5	21.0	17.0	19.0	20.0	16.5	18.5
6	11.0	9.5	10.0	17.0	14.5	15.5	20.5	17.5	18.5	20.0	16.5	18.5
7	11.5	9.0	10.0	16.5	14.0	15.5	19.5	16.5	18.0	20.0	16.0	18.0
8	11.5	9.5	10.0	15.0	14.0	15.0	18.5	15.5	17.0	20.0	16.5	18.0
9	14.5	10.0	12.0	16.0	13.0	14.5	19.5	15.5	17.0	21.0	17.0	19.0
10	16.5	12.5	14.0	16.5	14.0	15.0	19.0	16.5	17.5	20.5	17.0	18.5
11	15.5	13.0	14.5	16.0	14.0	15.0	19.0	15.5	17.0	21.0	17.0	19.0
12	15.0	12.5	14.0	15.5	13.5	14.5	19.5	16.0	17.5	21.0	17.0	19.0
13	13.5	10.5	12.5	16.0	13.0	14.5	19.0	15.5	17.5	21.0	17.0	19.5
14	12.0	10.5	11.5	17.0	14.0	15.5	20.0	16.0	18.0	21.0	17.0	19.0
15	11.5	9.5	10.5	18.0	15.0	16.5	21.0	17.0	18.5	21.0	17.5	19.5
16	11.0	9.0	10.0	18.0	15.5	17.0	19.5	17.0	18.0	21.0	18.5	19.5
17	12.5	10.5	11.5	17.0	16.0	16.5	19.0	16.0	17.5	20.0	16.5	18.5
18	13.5	10.5	12.0	17.0	15.0	16.0	18.5	15.0	16.5	20.5	17.0	19.0
19	13.0	11.0	12.0	17.0	15.0	16.0	19.0	15.0	17.0	21.0	17.0	19.0
20	13.0	11.0	12.0	18.0	16.0	17.0	20.0	16.0	18.0	20.5	17.5	19.5
21	14.0	11.5	12.5	18.5	16.0	17.0	21.0	18.0	19.5	19.5	16.5	18.0
22	15.5	12.5	13.5	18.0	15.0	16.5	21.5	19.0	20.0	17.5	15.5	17.0
23	16.0	13.5	14.5	18.0	15.0	16.5	21.5	18.5	20.0	19.0	15.5	17.5
24	16.0	13.5	15.0	18.5	15.0	16.5	22.0	18.5	20.5	18.5	16.0	17.0
25	16.0	14.0	15.0	19.0	15.5	17.0	21.5	18.5	20.0	18.5	15.5	17.0
26	15.5	12.5	14.0	18.5	15.5	17.0	21.0	17.5	19.5	18.0	15.0	16.5
27	15.5	12.0	13.5	18.5	15.5	17.0	20.5	17.0	19.0	18.0	15.0	16.5
28	15.5	13.0	14.0	19.0	17.0	18.0	20.0	16.5	18.5	17.0	14.5	15.5
29	15.5	13.0	14.5	19.0	17.5	18.0	20.0	16.0	18.0	16.5	13.5	15.0
30	14.5	12.5	13.5	18.5	16.0	17.0	20.5	16.0	18.5	15.5	13.0	14.5
31	---	---	---	18.5	15.5	17.0	21.0	16.5	19.0	---	---	---
MONTH	16.5	9.0	12.6	19.0	12.5	15.9	22.0	15.0	18.3	22.0	13.0	18.2
YEAR	22.0	1.0	10.1									

PYRAMID AND WINNEMUCCA LAKES BASIN

10351650 TRUCKEE RIVER AT WADSWORTH, NV

LOCATION.--Lat 39°37'56", long 119°16'56", in SW $^1/_4$ NW $^1/_4$ sec.3, T.20 N., R.24 E., Washoe County, Hydrologic Unit 16050102, in Pyramid Lake Indian Reservation, on left bank, 10 ft upstream from bridge on Nevada Highway 427, 0.2 mi southeast of Wadsworth and at mi 23.69, upstream from Marble Bluff Dam.

DRAINAGE AREA.--1,728 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1965 to September 1986, September 1993 to current year.

REVISED RECORDS.--WDR NV-79-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 4,070 ft above sea level, from topographic map. Prior to September 1986 at site 0.5 mi downstream at different datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow regulated by Lake Tahoe (station 10337000), Martis Creek Lake (station 10339380), Prosser Creek (station 10340300), Stampede (station 10344300) and Boca (station 10344490) Reservoirs, Donner (station 10338400) and Independence (station 10342900) Lakes, several powerplants, many diversions for irrigation, and by Derby Dam. Truckee Canal diverts water at Derby Dam out of basin to Lahontan Reservoir into the Carson River Basin. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.2	6.1	9.6	7.5	14	17	965	2940	2950	2050	1020	229
2	3.4	9.0	9.8	7.3	16	17	1010	4760	2990	1910	971	260
3	2.7	22	9.6	7.3	19	17	979	3380	2720	1870	939	303
4	2.0	42	9.0	7.4	18	34	1000	2590	2690	1830	869	302
5	2.7	42	9.2	8.6	17	33	1040	2420	2800	1760	873	302
6	1.7	36	14	7.9	17	30	1090	2220	2540	1770	826	288
7	1.3	48	24	8.3	16	30	1140	2060	2020	1780	814	281
8	.95	113	18	8.6	16	27	1570	1910	1740	1700	829	273
9	.90	38	10	10	15	114	1510	1830	1490	1720	752	269
10	.65	19	10	172	16	3230	1410	1800	1370	1740	684	278
11	.46	11	11	1480	16	4800	1380	2120	1530	1660	711	267
12	.52	8.5	10	381	16	2670	1380	2090	1690	1680	666	271
13	.52	7.9	10	70	15	1750	1200	2000	2210	1500	643	231
14	.58	8.2	9.5	899	15	1550	1230	1910	2410	1380	609	197
15	.77	9.1	9.1	1220	14	1410	1090	1930	2500	1440	564	194
16	.82	9.5	8.8	226	14	1410	1020	1870	2740	1490	509	193
17	.86	10	8.2	123	14	1520	956	1950	2400	1500	473	190
18	.97	11	8.1	79	13	1350	892	2130	2350	1560	422	189
19	.90	11	7.7	72	13	1510	794	2190	2380	1470	430	215
20	.88	17	7.7	66	13	1410	661	2330	2230	1380	465	198
21	1.1	11	7.4	60	13	2260	622	2430	2140	1350	468	186
22	1.0	8.2	7.5	31	12	1900	790	2590	1980	1320	413	188
23	1.0	7.6	7.4	28	12	1680	800	2890	1950	1200	428	200
24	1.3	10	7.7	21	12	1420	852	2940	2070	1040	377	196
25	1.3	9.8	8.1	18	12	1220	963	2820	2210	984	342	196
26	1.4	9.2	8.1	17	12	1120	1220	2760	2390	1060	303	207
27	1.8	12	7.7	17	14	1070	1420	2820	2320	1180	294	203
28	2.3	11	7.5	16	16	1020	1590	2840	2190	1160	304	238
29	2.6	9.9	7.4	15	---	873	1720	2870	2200	1170	335	242
30	5.3	9.9	7.3	15	---	854	2340	2860	2120	1100	303	234
31	5.5	---	7.4	14	---	880	---	2880	---	1040	266	---
TOTAL	53.38	576.9	296.8	5112.9	410	37226	34634	77130	67320	45794	17902	7020
MEAN	1.72	19.2	9.57	165	14.6	1201	1154	2488	2244	1477	577	234
MAX	5.5	113	24	1480	19	4800	2340	4760	2990	2050	1020	303
MIN	.46	6.1	7.3	7.3	12	17	622	1800	1370	984	266	186
AC-FT	106	1140	589	10140	813	73840	68700	153000	133500	90830	35510	13920

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 1995, BY WATER YEAR (WY)

MEAN	191	391	578	759	897	1080	1045	1550	1185	441	192	194
MAX	905	2786	3965	3452	3481	4979	3595	4164	5882	2776	857	1218
(WY)	1983	1984	1984	1984	1986	1986	1969	1982	1983	1983	1983	1983
MIN	1.72	17.6	9.57	9.01	9.42	26.3	34.5	45.7	26.9	22.3	16.8	6.80
(WY)	1995	1994	1995	1994	1994	1979	1979	1977	1966	1966	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1965 - 1995	
ANNUAL TOTAL	68554.39		293475.98			
ANNUAL MEAN	188		804		713	
HIGHEST ANNUAL MEAN					2677	1983
LOWEST ANNUAL MEAN					55.3	1977
HIGHEST DAILY MEAN	1380	May 7	4800	Mar 11	14700	Feb 19 1986
LOWEST DAILY MEAN	.46	Oct 11	.46	Oct 11	.46	Oct 11 1994
ANNUAL SEVEN-DAY MINIMUM	.62	Oct 10	.62	Oct 10	.62	Oct 10 1994
INSTANTANEOUS PEAK FLOW			6790	Mar 11	16800	Feb 19 1986
INSTANTANEOUS PEAK STAGE			11.99	Mar 11	15.11	Feb 19 1986
ANNUAL RUNOFF (AC-FT)	136000		582100		516200	
10 PERCENT EXCEEDS	837		2240		2160	
50 PERCENT EXCEEDS	11		281		255	
90 PERCENT EXCEEDS	2.4		7.4		24	

10351650 TRUCKEE RIVER AT WADSWORTH, NV--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1965 to 1980, 1993 to current year.
CHEMICAL ANALYSES: September 1969 to April 1972, June 1979 to August 1980, monthly or less frequently.
SPECIFIC CONDUCTANCES: September 1969 to January 1973, monthly or less frequently; March 1977 to September 1980, monthly.
WATER TEMPERATURE: March to June 1965, monthly; July 1965 to December 1979, continuous; January to August 1980, hourly; August 1993 to current year, four times per hour.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: July 1965 to December 1979, continuous; January to August 1980, hourly; August 1993 to current year, four times per hour.

INSTRUMENTATION.--Water temperature monitor July 1965 to December 1979, continuous; January to August 1980, hourly; August 1993 to current year, four times per hour.

REMARKS.--Records represent water temperature at probe within 0.5°C.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum daily, 32.0°C August 1, 1994; minimum daily, freezing point on several days during winter months of 1974-76.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum daily, 22.5°C, August 5, 24-26; minimum, 2.0°C, several days in November, December, and January.

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19.0	16.0	17.0	10.5	8.5	9.5	5.0	3.5	4.0	3.5	2.0	2.5
2	19.5	16.0	17.5	10.0	7.5	8.5	5.5	3.5	4.0	3.5	2.0	2.5
3	18.0	15.0	16.0	8.0	6.0	7.0	6.0	4.0	4.5	3.0	2.0	2.5
4	15.0	13.0	14.0	7.0	5.0	5.5	6.0	5.0	5.5	2.5	2.0	2.5
5	15.0	12.0	13.5	6.0	5.0	5.5	6.0	5.0	5.0	3.5	2.0	2.5
6	16.0	12.5	14.0	7.5	6.0	7.0	6.0	4.5	5.0	4.5	2.5	3.0
7	16.5	12.5	14.0	8.0	7.5	7.5	5.5	3.5	4.5	5.0	3.0	4.0
8	16.5	12.0	14.0	9.0	7.0	8.0	3.5	2.0	2.5	5.0	3.5	4.0
9	17.0	12.5	14.5	9.5	8.5	9.0	3.5	2.0	2.5	5.5	4.0	4.5
10	17.0	13.0	14.5	8.5	6.0	7.5	3.0	2.0	2.5	7.0	5.0	6.0
11	17.0	12.5	14.5	7.0	5.5	6.0	3.0	2.0	2.5	6.0	3.0	4.0
12	16.0	13.0	14.0	7.0	5.5	6.5	3.5	2.5	3.0	4.0	3.0	3.5
13	14.5	11.5	12.5	6.5	4.5	5.5	4.0	3.0	3.0	6.0	3.5	5.0
14	12.0	10.0	11.0	5.5	4.0	4.5	3.0	2.5	3.0	6.0	4.5	5.5
15	11.5	8.5	9.5	6.0	4.0	4.5	3.0	2.5	2.5	4.5	3.5	4.0
16	9.5	8.0	8.5	4.5	3.5	4.0	4.0	2.5	3.0	4.0	2.5	3.5
17	11.0	7.0	8.5	3.5	2.5	3.0	4.0	2.5	3.0	3.5	2.0	3.0
18	12.0	8.0	9.5	3.5	2.0	2.5	4.5	2.5	3.0	4.5	2.5	3.5
19	12.5	8.5	10.5	3.0	2.0	2.5	4.5	3.0	3.5	4.5	2.5	3.5
20	13.0	9.5	11.0	3.0	2.0	2.0	4.5	3.0	3.5	4.5	3.0	4.0
21	13.5	10.0	11.5	3.5	2.5	3.0	5.0	3.0	3.5	5.5	4.0	5.0
22	13.5	10.5	11.5	3.5	2.0	2.5	4.5	3.0	3.5	5.0	4.0	4.5
23	13.5	10.0	11.5	4.0	2.5	3.0	4.5	3.0	3.5	6.0	4.5	5.0
24	13.5	10.5	12.0	4.0	2.5	3.0	4.0	3.0	3.5	7.0	5.0	6.0
25	14.0	10.5	12.0	4.0	3.0	3.5	3.5	3.0	3.5	7.5	6.5	7.0
26	14.0	11.5	12.5	4.5	2.0	3.0	4.0	3.0	3.5	7.0	6.0	6.5
27	14.5	12.0	12.5	4.0	2.5	3.0	4.5	3.0	3.5	6.0	5.0	5.5
28	14.0	11.0	12.5	4.5	3.0	3.5	4.5	3.5	3.5	6.0	5.0	5.5
29	13.5	10.5	11.5	4.5	3.0	3.5	4.5	3.0	3.5	6.5	6.0	6.5
30	12.0	9.0	10.0	5.0	3.5	3.5	5.0	3.0	3.5	8.5	6.5	7.5
31	11.0	8.5	9.5	---	---	---	3.5	2.5	3.0	9.5	8.0	8.5
MONTH	19.5	7.0	12.4	10.5	2.0	4.9	6.0	2.0	3.5	9.5	2.0	4.5

10351650 TRUCKEE RIVER AT WADSWORTH, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.0	8.5	9.5	12.0	11.0	11.5	10.5	9.0	10.0	11.5	8.0	9.5
2	10.0	8.0	9.5	12.0	10.0	11.0	11.0	7.5	9.5	8.0	6.5	7.5
3	9.5	8.0	9.0	12.0	9.0	11.0	11.5	8.5	10.0	---	---	---
4	9.0	8.0	8.5	9.0	7.5	8.0	12.0	9.0	11.0	11.0	8.5	9.5
5	9.0	7.5	8.5	9.0	6.5	8.0	11.0	9.5	10.0	9.5	8.0	9.0
6	9.0	7.5	8.0	8.5	6.5	7.5	12.0	9.0	10.0	9.5	8.0	8.5
7	9.5	7.5	8.5	9.0	6.5	8.0	11.0	9.0	10.0	10.5	7.5	9.0
8	9.5	8.5	9.0	9.0	9.0	9.0	9.5	7.5	8.5	12.0	8.5	10.0
9	10.0	8.0	9.0	10.0	9.0	9.5	8.0	6.5	7.0	11.5	9.5	10.5
10	9.5	8.0	9.0	9.0	5.0	6.0	9.0	5.5	7.5	12.0	8.5	10.5
11	9.5	7.0	8.5	5.5	4.0	5.0	11.5	7.5	9.5	12.5	10.0	11.0
12	8.5	6.5	7.5	6.5	5.0	6.0	11.5	9.0	10.0	10.5	9.0	10.0
13	7.5	6.0	7.0	6.5	5.5	6.0	9.5	8.0	9.0	9.5	8.0	9.0
14	6.5	5.0	6.0	7.5	6.5	7.0	8.5	6.5	7.5	10.5	8.0	9.0
15	6.5	4.0	5.5	9.0	6.5	7.5	7.5	6.5	7.0	11.0	9.0	10.0
16	6.0	4.5	5.5	8.5	7.0	7.5	7.0	5.5	6.5	12.5	9.0	11.0
17	7.0	4.0	5.5	8.5	6.5	7.5	7.5	5.5	6.5	13.5	11.5	12.0
18	8.5	5.5	7.5	9.0	7.0	8.0	9.0	6.5	7.5	14.0	11.0	12.5
19	10.0	6.5	8.5	7.5	6.5	7.0	10.0	6.0	8.0	14.5	12.0	13.0
20	10.5	7.5	9.5	7.5	6.5	7.0	9.5	7.5	8.5	14.5	11.5	13.0
21	11.5	8.5	10.0	6.5	4.5	5.5	10.0	6.0	8.0	13.5	11.5	12.5
22	12.0	9.0	11.0	5.5	3.5	4.5	12.0	7.5	10.0	12.0	10.5	11.5
23	12.0	9.0	11.0	5.0	2.5	3.5	13.5	9.5	11.5	12.5	10.0	11.0
24	12.0	9.0	11.0	5.0	3.5	4.0	14.5	10.5	12.5	12.0	10.5	11.0
25	13.0	9.5	11.5	6.0	4.0	5.0	15.0	11.5	13.5	12.0	10.0	11.0
26	13.0	10.0	11.5	7.0	4.0	5.5	14.0	11.5	12.5	13.5	11.0	12.0
27	12.5	10.0	11.5	8.0	5.0	6.5	12.0	10.5	11.0	13.5	11.5	12.0
28	12.5	10.5	11.5	7.5	6.0	6.5	10.5	9.0	9.5	13.5	10.5	12.0
29	---	---	---	9.0	5.5	7.5	11.0	8.5	10.0	14.0	11.5	12.5
30	---	---	---	9.5	6.5	8.5	10.0	8.5	9.5	14.0	12.0	12.5
31	---	---	---	10.5	7.5	9.0	---	---	---	14.0	12.0	13.0
MONTH	13.0	4.0	8.9	12.0	2.5	7.2	15.0	5.5	9.4	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	13.5	11.5	12.5	14.5	12.5	13.5	21.0	16.5	18.5	22.5	17.0	19.5
2	12.5	11.5	11.5	16.0	13.0	14.5	21.0	17.0	19.0	21.5	18.5	20.0
3	14.5	11.0	12.5	17.0	14.0	15.5	20.5	17.0	19.0	22.0	18.5	20.0
4	15.0	12.5	13.5	17.0	14.5	16.0	21.0	17.5	19.5	21.5	18.0	19.5
5	13.0	10.5	12.5	18.0	14.5	16.5	22.5	18.0	20.0	21.0	15.5	18.0
6	11.5	9.5	10.5	18.0	15.5	16.5	21.5	18.0	20.0	21.5	15.0	18.0
7	12.0	9.0	10.5	17.5	15.0	16.0	20.5	17.0	19.0	21.0	15.0	18.0
8	11.5	9.5	10.5	16.5	15.0	16.0	20.5	15.5	18.0	21.5	14.5	18.0
9	14.5	10.0	12.0	17.0	13.5	15.5	21.5	15.0	18.0	22.0	15.0	18.0
10	16.5	13.0	14.5	17.5	14.5	16.0	20.5	16.0	18.5	22.0	16.0	18.5
11	16.5	13.5	15.0	17.5	14.5	15.5	19.0	15.5	17.5	22.5	16.0	19.0
12	15.5	13.0	14.5	16.0	13.5	15.0	19.5	16.0	18.0	21.5	16.0	19.0
13	14.5	12.0	13.0	18.0	13.5	15.5	19.0	16.0	18.0	22.0	16.0	19.0
14	12.0	10.5	11.5	19.0	14.5	16.5	20.0	16.5	18.5	21.5	15.5	18.5
15	12.0	9.5	11.0	20.0	15.5	17.5	20.5	17.5	19.0	22.0	16.5	19.5
16	11.5	9.0	10.0	19.5	16.5	18.0	20.0	17.0	18.5	22.0	17.5	19.5
17	13.0	10.5	11.5	18.0	16.5	17.5	19.0	16.0	17.5	21.0	15.5	18.0
18	14.0	11.0	12.0	18.5	16.0	17.0	19.0	15.5	17.0	22.5	15.5	19.0
19	14.0	11.5	12.5	19.0	15.5	17.0	19.0	15.5	17.5	21.0	17.5	19.0
20	13.5	11.5	12.5	19.0	16.5	17.5	20.5	16.5	18.5	21.5	17.0	19.0
21	14.5	11.5	13.0	19.5	16.5	18.0	21.5	18.0	19.5	19.0	16.0	17.5
22	16.0	12.5	14.0	18.5	16.0	17.5	22.0	19.5	20.5	18.5	14.5	16.5
23	17.0	13.5	15.5	19.0	15.5	17.5	21.5	19.5	20.5	19.5	15.0	17.0
24	17.0	14.0	15.5	19.5	16.0	17.5	22.5	19.0	20.5	19.0	15.5	17.0
25	17.0	14.5	15.5	19.5	16.0	17.5	22.5	18.0	20.0	20.0	14.0	17.0
26	16.0	13.5	15.0	19.5	16.0	18.0	22.5	17.0	19.5	18.5	15.0	16.5
27	16.0	12.0	14.0	20.5	16.0	18.0	21.0	16.5	19.0	18.5	14.5	16.5
28	16.0	14.0	15.0	20.5	17.5	19.0	21.0	15.0	18.0	17.5	14.5	15.5
29	16.5	13.5	15.0	20.5	18.0	19.0	21.5	15.0	18.0	16.5	13.5	15.0
30	15.0	14.0	14.5	20.0	16.5	18.0	20.5	15.5	18.0	16.0	13.0	14.5
31	---	---	---	20.0	15.5	18.0	22.0	16.0	19.0	---	---	---
MONTH	17.0	9.0	13.0	20.5	12.5	16.8	22.5	15.0	18.8	22.5	13.0	18.0

10351690 TRUCKEE RIVER AT DEAD OX WASH NEAR NIXON, NV

LOCATION.--Lat 39°44'14", long 119°19'24", in NW $^1/_4$ NW $^1/_4$ sec.31, T.22 N., R.24 E., Washoe County, Hydrologic Unit 16050103, in Pyramid Lake Indian Reservation, 4.97 mi upstream from Numana Dam, 9.93 mi below Wadsworth, and at mile 13.18 above mouth.

DRAINAGE AREA.--Not determined.

PERIOD OF RECORD.--Water years 1979-80, October 1991, September 1992, May 1993 to current year.

REMARKS.--In May 1993, station incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Pyramid and Winnemucca Lakes Basin.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	TIME	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
OCT												
26...	1400	16	887	8.4	21.5	13.5	660	11.5	128	250	--	59
NOV												
30...	1100	23	840	8.3	--	5.0	665	11.8	106	240	100	58
DEC												
28...	1420	22	857	8.4	--	5.0	655	12.5	114	240	98	58
JAN												
26...	1330	38	668	8.1	9.0	7.0	655	11.5	111	190	77	46
FEB												
22...	1420	32	767	8.3	16.5	13.5	660	10.4	116	220	95	53
MAR												
28...	1300	1050	253	7.9	9.5	8.0	665	10.0	97	73	11	19

DATE	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)
OCT												
26...	25	82	2	7.5	--	--	170	96	0.20	20	553	547
NOV												
30...	24	81	2	8.0	175	143	140	96	0.20	21	533	514
DEC												
28...	24	77	2	7.3	177	145	150	94	0.10	20	540	518
JAN												
26...	19	59	2	6.0	141	116	100	70	0.10	24	418	395
FEB												
22...	22	66	2	<0.10	156	128	130	84	0.20	18	483	--
MAR												
28...	6.3	21	1	3.1	76	62	24	22	0.10	24	169	159

DATE	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)
OCT											
26...	23.9	0.75	<0.010	<0.050	<0.015	<0.20	<0.20	0.030	0.010	<0.010	5
NOV											
30...	33.1	0.72	<0.010	<0.050	<0.015	<0.20	<0.20	0.020	<0.010	<0.010	--
DEC											
28...	32.1	0.73	<0.010	<0.050	<0.015	<0.20	<0.20	0.020	~~0.010~~	0.010	--
JAN											
26...	42.9	0.57	<0.010	0.220	<0.015	<0.20	<0.20	<0.010	0.020	0.020	--
FEB											
22...	--	--	<0.010	<0.050	<0.015	<0.20	<0.20	0.020	<0.010	0.010	--
MAR											
28...	479	0.23	0.010	0.340	0.100	0.40	0.20	0.080	0.030	0.030	--

PYRAMID AND WINNEMUCCA LAKES BASIN

10351690 TRUCKEE RIVER AT DEAD OX WASH NEAR NIXON, NV--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)
OCT											
26...	<1	7	85	<1	<1.0	1	<1	<1	34	<1	38
NOV											
30...	--	--	--	--	--	--	--	--	35	--	160
DEC											
28...	--	--	--	--	--	--	--	--	33	--	150
JAN											
26...	--	--	--	--	--	--	--	--	25	--	110
FEB											
22...	--	--	--	--	--	--	--	--	26	--	52
MAR											
28...	--	--	--	--	--	--	--	--	67	--	31

DATE	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C) (00689)	SEDIMENT, SUSPENDED (MG/L) (80154)	SEDIMENT, DISCHARGE, SUSPENDED (T/DAY) (80155)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT											
26...	5	3	<1	<1.0	<1	4.0	--	--	--	--	--
NOV											
30...	--	--	--	--	--	--	1.5	0.30	4	0.25	100
DEC											
28...	--	--	--	--	--	--	1.3	0.20	3	0.18	94
JAN											
26...	--	--	--	--	--	--	1.7	0.20	9	0.92	82
FEB											
22...	--	--	--	--	--	--	1.6	0.10	2	0.17	91
MAR											
28...	--	--	--	--	--	--	3.4	2.0	55	156	87

PYRAMID AND WINNEMUCCA LAKES BASIN

10351700 TRUCKEE RIVER NEAR NIXON, NV

LOCATION.--Lat 39°46'40", long 119°20'10", in SW $^1/_4$NW $^1/_4$ sec.18, T.22 N., R.24 E., Washoe County, Hydrologic Unit 16050103, in Pyramid Lake Indian Reservation, on right bank, 1.0 mi upstream from Numana Dam, 4 mi south of Nixon, and at mi 9.42, upstream from Marble Bluff Dam.

DRAINAGE AREA.--1,827 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1957 to current year. Records kept by Federal Court Watermaster April to June 1926, May 1928 to September 1957 at site 1.0 mi downstream (Truckee River below Pyramid Dam, near Nixon, Nev.) not equivalent, but would be equivalent by adding flow of Indian Canal, both of which are available in files of Federal Court Watermaster. Currently, these records are kept only at times of diversion to the canal. At other times, the records are equivalent.

REVISED RECORDS.--WDR NV-83-1: 1980 (monthly runoff).

GAGE.--Water-stage recorder. Elevation of gage is 3,940 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Lake Tahoe (station 10337000), Prosser Creek (station 10340300), Stampede (station 10344300) and Boca (station 10344490) Reservoirs, other lakes, powerplants, and many diversions for irrigation. Truckee Canal often diverts much of the flow at Derby Dam, about 25 mi upstream, out of basin to Lahontan Reservoir (station 10312100). Several diversions for irrigation between station and Truckee Canal. One irrigation canal diverts between station and mouth of river. See schematic diagram of Truckee River Basin at beginning of Pyramid and Winnemucca Lakes Basin section.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of December 24, 1955, reached a stage of 14.1 ft, from floodmarks; discharge, 14,000 ft^3/s, by flow-over-dam measurement of peak flow.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	14	22	23	34	34	873	2300	3120	2240	1030	288
2	15	15	23	22	34	36	934	5330	3220	2080	971	297
3	16	18	22	22	35	34	919	4110	2910	1990	945	344
4	16	22	22	23	38	35	915	2700	2770	1940	891	345
5	16	34	22	24	36	49	953	2200	2880	1830	894	355
6	16	34	22	23	35	42	1000	2050	2700	1820	862	334
7	16	31	25	24	35	39	1040	1910	2140	1830	836	324
8	15	72	33	23	36	39	1350	1810	1730	1780	850	292
9	15	66	27	22	34	38	1460	1710	1510	1780	809	300
10	15	36	25	25	33	2210	1340	1680	1330	1800	738	320
11	15	33	25	1210	32	5460	1280	1870	1420	1760	741	314
12	14	26	25	608	32	3190	1270	1920	1580	1750	721	316
13	15	23	25	151	32	1900	1150	1880	1990	1610	698	294
14	15	22	24	424	33	1480	1170	1790	2460	1440	679	252
15	16	22	23	1450	31	1430	1040	1800	2570	1480	644	248
16	15	22	21	354	31	1330	950	1790	3010	1540	595	254
17	15	25	20	175	30	1460	889	1750	2610	1560	571	244
18	15	25	20	114	29	1320	823	1910	2480	1640	516	243
19	16	24	20	100	31	1420	752	1960	2490	1560	500	260
20	16	28	20	89	31	1310	620	2060	2390	1470	535	252
21	15	28	20	83	31	2130	642	2200	2240	1410	540	230
22	16	25	21	65	32	1930	597	2410	2070	1350	494	233
23	16	23	23	50	31	1700	701	2950	1990	1230	492	244
24	16	23	24	47	31	1420	739	3020	2080	1060	465	243
25	16	23	24	42	31	1200	807	2970	2260	972	428	243
26	15	24	23	39	30	1090	1020	2840	2470	1010	394	246
27	15	22	22	39	30	1030	1230	2910	2520	1150	367	241
28	15	24	22	32	32	1000	1350	2970	2370	1170	360	271
29	15	24	22	31	---	831	1450	3010	2370	1170	374	290
30	13	23	23	35	---	785	1940	3000	2290	1130	349	273
31	13	---	24	34	---	812	---	3030	---	1060	320	---
TOTAL	472	831	714	5403	910	36784	31204	75840	69970	47612	19609	8390
MEAN	15.2	27.7	23.0	174	32.5	1187	1040	2446	2332	1536	633	280
MAX	16	72	33	1450	38	5460	1940	5330	3220	2240	1030	355
MIN	13	14	20	22	29	34	597	1680	1330	972	320	230
AC-FT	936	1650	1420	10720	1800	72960	61890	150400	138800	94440	38890	16640

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 1995, BY WATER YEAR (WY)

MEAN	149	256	411	502	645	693	757	1182	846	301	141	145
MAX	917	2659	3905	3430	3311	4764	3392	4289	5398	2786	816	1172
(WY)	1983	1984	1984	1984	1986	1986	1969	1958	1983	1983	1983	1983
MIN	15.2	18.0	17.5	18.5	20.5	22.4	19.8	21.9	14.8	15.2	16.4	16.3
(WY)	1995	1993	1993	1962	1994	1961	1961	1992	1960	1992	1962	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1958 - 1995	
ANNUAL TOTAL	68249.0		297739			
ANNUAL MEAN	187		816		501	
HIGHEST ANNUAL MEAN					2609	1983
LOWEST ANNUAL MEAN					24.1	1992
HIGHEST DAILY MEAN	1200	May 7	5460	Mar 11	14500	Feb 19 1986
LOWEST DAILY MEAN	7.2	Sep 19	13	Oct 30	3.3	Jul 9 1991
ANNUAL SEVEN-DAY MINIMUM	12	Sep 16	14	Oct 26	6.2	Jul 13 1992
INSTANTANEOUS PEAK FLOW			7260	Mar 11	16300	Feb 19 1986
INSTANTANEOUS PEAK STAGE			9.56	Mar 11	13.01	Feb 19 1986
ANNUAL RUNOFF (AC-FT)	135400		590600		363200	
10 PERCENT EXCEEDS	846		2240		1510	
50 PERCENT EXCEEDS	23		334		74	
90 PERCENT EXCEEDS	16		20		23	

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1960 to current year.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1980 to September 1983; August 1993 to current year.
WATER TEMPERATURE: May 1980 to September 1983, July 1988 to current year.

INSTRUMENTATION.--Specific conductance recorder, August 1993 to current year, four times per hour. Water temperature recorder, July 1988 to August 1992, hourly; September 1992 to current year, four times per hour.

REMARKS.--In October 1993, station incorporated into the National Water-Quality Assessment Program (NAWQA) to monitor water-quality conditions in the Pyramid and Winnemucca Lakes Basin. Records represent water temperature at probe within 0.5°C. Interruptions in the record were due to instrument malfunctions.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum daily, 1,350 microsiemens, October 31, November 1, 1994; minimum daily, 74 microsiemens, April 12, 1983.
WATER TEMPERATURE: Maximum daily, 30.0°C, July 10, 1991; minimum daily, freezing point on many days during winter months of most years.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum recorded (more than 20 percent missing record), 1,350 microsiemens, October 31, November 1; minimum recorded, 124 microsiemens, July 30.
WATER TEMPERATURE: Maximum recorded, 24.0°C, August 23, 24; minimum, freezing point November 18, 19, 23.

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	1210	1180	1200	1350	1320	1330	1110	1090	1100	---	---	---
2	1240	1210	1220	1340	1310	1320	1110	1090	1100	---	---	---
3	1260	1230	1250	1340	1270	1310	---	---	---	---	---	---
4	1260	1240	1250	1270	1230	1250	---	---	---	1170	1150	1160
5	1250	1200	1220	1230	1080	1150	---	---	---	1160	1130	1140
6	1200	1150	1180	1080	973	1000	1140	1120	1130	1150	1130	1140
7	1220	1170	1200	977	960	966	1140	1090	1120	1160	1140	1150
8	1270	1210	1220	1010	766	947	1100	959	1060	1150	1130	1140
9	1240	1220	1230	837	720	764	961	945	953	1170	1150	1150
10	1240	1220	1230	980	839	918	956	937	948	1180	1140	1160
11	1260	1230	1240	1030	979	1010	---	---	---	1160	251	486
12	1320	1250	1290	1100	1030	1060	---	---	---	343	305	327
13	1310	1290	1300	1130	1100	1110	---	---	---	571	341	500
14	1300	1280	1290	1180	1120	1150	---	---	---	595	303	535
15	1290	1280	1290	1190	1170	1180	---	---	---	303	214	238
16	1290	1260	1280	1190	1170	1190	---	---	---	331	238	289
17	1280	1250	1260	1190	1150	1170	---	---	---	390	331	356
18	1290	1260	1280	1150	1110	1120	---	---	---	441	388	413
19	1290	1270	1280	1170	1110	1120	---	---	---	504	439	468
20	1290	1270	1280	1120	1080	1110	---	---	---	525	495	509
21	1280	1260	1270	1080	1000	1030	---	---	---	556	524	542
22	1280	1260	1270	1020	1000	1010	---	---	---	574	555	564
23	1260	1240	1250	1070	1010	1050	---	---	---	594	571	580
24	1270	1250	1260	1110	1060	1080	---	---	---	638	592	611
25	1270	1250	1260	1120	1090	1100	---	---	---	698	636	667
26	1260	1240	1250	1100	1080	1090	---	---	---	762	698	731
27	1260	1240	1250	1100	1080	1090	---	---	---	810	758	786
28	1270	1240	1250	1120	1090	1100	---	---	---	841	807	827
29	1270	1260	1270	1110	1080	1100	---	---	---	871	840	857
30	1300	1260	1270	1100	1080	1090	---	---	---	897	868	884
31	1350	1300	1320	---	---	---	---	---	---	917	892	908
MONTH	1350	1150	1260	1350	720	1100	---	---	---	---	---	---

10351700 TRUCKEE RIVER NEAR NIXON, NV--Continued

SPECIFIC CONDUCTANCE, US/CM @ 25 DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	930	915	922	970	924	948	---	---	---	---	---	---
2	936	924	930	929	897	916	---	---	---	---	---	---
3	937	926	932	906	853	881	---	---	---	---	---	---
4	950	928	933	901	853	859	---	---	---	---	---	---
5	937	922	929	860	770	829	---	---	---	---	---	---
6	929	910	919	771	627	746	---	---	---	---	---	---
7	919	896	911	803	767	783	---	---	---	---	---	---
8	914	897	905	786	751	764	---	---	---	---	---	---
9	930	892	900	805	778	788	---	---	---	---	---	---
10	900	886	892	812	151	342	---	---	---	---	---	---
11	903	881	888	281	165	212	---	---	---	---	---	---
12	895	882	888	318	269	295	---	---	---	---	---	---
13	896	883	890	335	315	327	---	---	---	---	---	---
14	903	883	891	---	---	---	---	---	---	---	---	---
15	899	882	888	---	---	---	---	---	---	---	---	---
16	894	883	888	---	---	---	---	---	---	---	---	---
17	896	884	890	---	---	---	---	---	---	---	---	---
18	909	888	895	---	---	---	---	---	---	---	---	---
19	912	895	903	---	---	---	---	---	---	---	---	---
20	920	904	910	---	---	---	---	---	---	---	---	---
21	933	911	921	---	---	---	---	---	---	---	---	---
22	945	924	935	---	---	---	---	---	---	---	---	---
23	957	935	946	---	---	---	---	---	---	---	---	---
24	979	955	967	---	---	---	---	---	---	---	---	---
25	981	963	971	---	---	---	---	---	---	---	---	---
26	989	971	978	---	---	---	---	---	---	---	---	---
27	995	978	986	---	---	---	---	---	---	---	---	---
28	990	961	976	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	995	881	921	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	156	144	150	337	306	321
2	---	---	---	---	---	---	174	150	155	336	308	324
3	---	---	---	---	---	---	167	148	157	311	296	305
4	---	---	---	---	---	---	169	156	163	298	282	292
5	---	---	---	---	---	---	175	152	159	294	280	286
6	---	---	---	---	---	---	192	160	168	304	288	293
7	---	---	---	---	---	---	195	171	176	307	296	301
8	---	---	---	---	---	---	178	168	173	314	302	310
9	---	---	---	---	---	---	181	167	174	324	304	312
10	---	---	---	---	---	---	183	168	178	328	318	323
11	---	---	---	---	---	---	186	170	178	327	310	318
12	---	---	---	---	---	---	201	170	178	322	311	316
13	---	---	---	---	---	---	199	180	186	334	318	325
14	---	---	---	---	---	---	197	184	190	364	333	352
15	---	---	---	---	---	---	206	192	197	381	362	370
16	---	---	---	---	---	---	230	199	205	373	363	368
17	---	---	---	---	---	---	246	204	210	382	363	371
18	---	---	---	---	---	---	254	208	224	383	374	377
19	---	---	---	---	---	---	229	215	224	385	362	374
20	---	---	---	---	---	---	223	214	218	380	358	369
21	---	---	---	---	---	---	229	216	223	393	355	365
22	---	---	---	---	---	---	252	218	237	395	372	384
23	---	---	---	---	---	---	245	226	236	378	358	368
24	---	---	---	---	---	---	259	233	245	378	362	369
25	---	---	---	---	---	---	287	251	271	374	362	368
26	---	---	---	---	---	---	294	272	283	381	359	370
27	---	---	---	---	---	---	313	285	297	381	362	370
28	---	---	---	---	---	---	311	294	303	377	359	366
29	---	---	---	---	---	---	301	287	293	361	347	352
30	---	---	---	143	124	134	317	291	300	358	342	349
31	---	---	---	153	133	143	328	310	316	---	---	---
MONTH	---	---	---	---	---	---	328	144	215	395	280	342

10351700 TRUCKEE RIVER NEAR NIXON, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19.0	15.0	17.0	11.0	8.0	9.5	4.5	2.5	3.5	---	---	---
2	19.5	15.5	17.5	10.0	7.0	8.5	7.0	4.0	5.5	---	---	---
3	17.0	13.0	15.0	8.0	5.0	6.5	---	---	---	---	---	---
4	14.0	11.5	12.5	5.5	4.0	4.5	---	---	---	1.5	1.0	1.5
5	14.5	11.0	12.5	6.5	5.0	6.0	---	---	---	3.5	1.0	2.0
6	16.0	12.0	14.0	8.5	6.5	7.5	5.5	3.5	4.5	5.0	3.0	4.0
7	16.5	12.0	14.5	8.0	7.5	8.0	4.5	2.5	3.5	6.0	3.5	4.5
8	16.0	11.0	14.0	9.5	6.5	8.0	2.5	1.0	2.0	6.0	4.5	5.0
9	16.0	12.0	14.0	9.5	7.5	8.5	3.0	.5	1.5	7.0	5.0	6.0
10	16.5	13.0	14.5	8.0	5.0	6.5	2.0	.5	1.5	7.5	6.0	6.5
11	17.0	13.0	15.0	7.5	5.0	6.0	---	---	---	6.0	3.5	5.0
12	15.0	12.5	14.0	7.5	5.0	6.5	---	---	---	4.0	3.0	3.5
13	13.0	10.0	11.5	6.5	3.5	5.0	---	---	---	7.0	4.0	5.5
14	11.0	8.5	10.0	5.5	3.0	4.0	---	---	---	7.0	5.0	6.0
15	9.0	7.0	8.0	6.0	2.5	4.5	---	---	---	5.0	3.5	4.0
16	8.0	6.0	7.0	5.0	3.5	4.5	---	---	---	4.5	3.0	3.5
17	9.5	5.0	7.5	3.5	1.0	2.5	---	---	---	4.0	2.0	3.0
18	12.0	7.5	9.5	3.0	.0	1.5	---	---	---	4.5	3.0	3.5
19	13.0	8.5	10.5	2.5	.0	1.5	---	---	---	4.5	2.5	4.0
20	13.5	10.0	11.5	3.0	.5	2.0	---	---	---	4.5	3.0	4.0
21	13.5	10.0	12.0	4.0	2.5	3.5	---	---	---	5.5	4.0	5.0
22	13.5	10.0	11.5	3.0	1.0	2.0	---	---	---	5.0	4.0	4.5
23	13.5	9.5	11.5	2.5	.0	1.5	---	---	---	6.0	4.5	5.5
24	14.0	10.5	12.0	4.0	1.5	2.5	---	---	---	6.5	5.5	6.0
25	13.5	10.0	12.0	5.0	3.0	3.5	---	---	---	7.5	6.0	7.0
26	13.5	11.0	12.0	3.5	1.5	2.5	---	---	---	7.0	6.0	6.5
27	14.0	11.5	12.5	2.5	1.0	1.5	---	---	---	6.0	5.0	5.5
28	14.5	11.0	12.5	5.0	2.0	3.0	---	---	---	6.0	5.0	5.5
29	13.0	10.0	11.5	5.0	2.0	3.0	---	---	---	7.0	6.0	6.5
30	11.0	7.0	9.5	5.0	2.5	3.5	---	---	---	9.5	7.0	8.0
31	10.0	6.5	8.5	---	---	---	---	---	---	10.0	8.5	9.5
MONTH	19.5	5.0	12.1	11.0	.0	4.6	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	11.5	9.0	10.0	11.5	9.0	10.5	11.0	9.5	10.0	13.5	9.0	11.0
2	11.0	8.0	10.0	11.5	9.5	10.5	12.0	8.5	10.0	11.0	7.5	9.0
3	10.5	7.5	9.0	11.5	9.0	10.0	13.0	8.5	11.0	11.0	7.5	9.5
4	10.0	7.0	8.5	10.5	6.5	9.0	13.5	9.5	11.5	12.5	9.0	10.5
5	10.0	7.0	8.5	10.5	7.5	9.0	12.0	10.5	11.0	11.0	9.5	10.0
6	9.0	7.0	8.0	10.0	5.5	8.0	12.5	9.5	10.5	10.5	8.0	9.0
7	10.5	7.0	9.0	10.0	6.0	8.5	12.5	10.0	11.0	12.0	8.0	10.0
8	9.5	8.0	9.0	10.0	8.5	9.0	11.0	8.0	9.5	12.5	9.5	11.0
9	10.5	7.0	8.5	10.5	9.0	9.5	10.0	6.5	8.0	12.0	10.0	11.0
10	9.5	7.0	8.0	10.0	5.5	7.5	10.0	5.5	7.5	13.0	10.0	11.5
11	9.5	6.5	8.0	6.0	5.0	5.5	11.5	7.5	9.5	13.0	10.5	12.0
12	10.0	6.5	8.0	7.5	4.5	6.0	12.5	9.0	11.0	12.5	9.5	10.5
13	8.5	6.0	7.5	7.5	5.5	6.5	11.5	8.5	9.5	10.5	8.5	9.5
14	7.0	3.5	5.0	8.5	6.0	7.5	10.0	7.0	8.0	11.5	8.5	10.0
15	7.0	3.0	5.0	9.5	6.5	8.0	9.0	6.5	7.5	13.0	9.5	11.0
16	6.0	4.0	5.0	9.5	7.0	8.0	8.0	5.0	6.5	14.5	10.0	12.0
17	7.5	4.0	6.0	9.5	6.5	8.0	8.5	5.5	7.0	15.5	11.5	13.5
18	10.0	6.0	8.0	10.0	7.5	8.5	10.0	7.0	8.0	16.0	12.0	13.5
19	11.0	6.5	9.0	9.5	6.5	8.0	10.5	7.0	8.5	17.0	13.0	14.5
20	11.5	7.5	9.5	8.0	6.5	7.5	9.5	8.0	8.5	16.5	12.5	14.5
21	12.0	8.5	10.5	7.0	5.0	6.0	11.0	7.0	8.5	15.0	12.5	14.0
22	12.0	8.0	10.5	6.5	3.5	5.0	13.0	7.5	10.0	14.0	12.0	13.0
23	12.0	8.0	10.5	6.0	3.0	4.5	15.0	9.5	12.0	14.0	10.5	12.5
24	12.5	8.5	10.5	6.5	3.5	4.5	16.0	10.5	13.0	13.5	11.5	12.5
25	13.0	9.0	11.0	6.5	3.5	5.0	16.0	12.0	14.0	14.5	10.5	12.5
26	12.0	8.5	10.5	7.5	4.0	5.5	15.5	12.0	14.0	15.5	11.5	13.5
27	12.5	9.5	11.0	9.0	5.0	7.0	14.5	11.0	12.5	15.5	12.5	14.0
28	11.5	9.5	10.5	8.0	6.0	7.0	11.5	10.0	11.0	15.5	11.5	13.5
29	---	---	---	10.0	5.0	7.5	13.0	8.5	10.5	16.0	12.0	14.0
30	---	---	---	11.0	6.5	8.5	11.5	9.5	10.5	16.5	12.5	14.5
31	---	---	---	11.5	7.5	9.5	---	---	---	16.0	13.0	14.5
MONTH	13.0	3.0	8.7	11.5	3.0	7.6	16.0	5.0	10.0	17.0	7.5	12.0

PYRAMID AND WINNEMUCCA LAKES BASIN

10351700 TRUCKEE RIVER NEAR NIXON, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	16.5	13.0	14.5	16.0	13.5	14.5	21.5	17.5	19.5	23.0	18.5	21.0
2	15.0	12.0	13.5	17.5	13.5	15.5	21.0	18.5	19.5	23.0	19.5	21.0
3	16.5	11.5	14.0	18.5	14.5	16.5	22.0	18.0	20.0	23.5	19.5	21.5
4	17.5	13.0	15.0	19.0	15.0	17.0	22.5	18.5	20.5	22.5	19.0	20.5
5	15.5	13.0	14.0	19.5	15.5	17.5	23.0	19.5	21.0	21.0	17.5	19.5
6	13.0	10.5	12.0	19.5	16.5	18.0	23.0	20.0	21.0	21.0	16.5	19.0
7	13.0	10.0	11.5	19.0	16.0	17.5	22.0	18.5	20.0	21.5	17.5	19.5
8	14.5	10.5	12.5	17.5	16.0	17.0	21.0	17.0	19.0	21.0	17.0	19.0
9	16.0	11.0	13.5	18.5	15.0	16.5	21.0	17.0	19.0	21.0	17.0	19.0
10	18 5	13.5	16.0	19.5	15.5	17.0	21.0	18.0	19.5	21.5	17.5	19.5
11	19.0	15.0	17.0	18.5	15.0	16.5	21.0	17.0	19.0	21.5	17.0	19.5
12	18.0	14.5	16.5	17.5	14.5	16.0	21.5	17.5	19.5	22.0	17.5	20.0
13	16.5	14.0	15.0	18.5	14.0	16.0	21.0	17.5	19.5	22.0	17.5	20.0
14	14.5	11.5	13.0	19.5	15.0	17.0	22.0	17.0	19.5	21.5	17.0	19.5
15	13.0	11.0	12.0	20.5	16.0	18.5	23.0	18.5	20.5	22.0	17.5	20.0
16	13.5	10.0	11.5	21.5	17.0	19.0	22.5	18.5	20.0	22.0	19.0	20.5
17	14.0	11.5	12.5	19.5	17.5	18.5	20.5	17.0	19.0	20.5	17.0	19.0
18	15.5	11.5	13.5	20.0	17.0	18.5	21.0	16.5	18.5	21.0	17.0	19.0
19	15.5	12.0	13.5	20.0	16.5	18.5	21.5	16.5	19.0	21.5	17.5	19.5
20	15.5	12.0	13.5	20.5	16.5	18.5	22.0	17.0	19.5	21.5	18.0	20.0
21	16.5	12.0	14.0	21.0	17.0	18.5	23.0	18.5	21.0	20.0	17.0	18.5
22	17.5	13.0	15.0	20.0	16.5	18.5	23.5	19.5	21.5	19.0	15.5	17.5
23	19.0	14.5	16.5	20.5	16.5	18.5	24.0	20.0	22.0	19.0	15.5	17.5
24	19.0	15.0	17.0	21.0	16.5	19.0	24.0	19.5	21.5	19.0	16.0	17.5
25	19.0	15.0	17.0	21.5	17.5	19.0	23.5	19.0	21.5	19.0	16.0	17.5
26	17.5	15.5	16.5	21.0	17.0	19.0	22.5	18.5	20.5	19.0	15.5	17.5
27	16.5	13.5	15.0	21.5	17.0	19.5	22.5	18.5	20.5	19.0	15.0	17.0
28	18.0	14.5	16.0	21.5	18.5	20.0	22.0	17.5	20.0	18.5	15.0	16.5
29	18.0	14.0	16.0	21.5	19.0	20.0	21.5	16.5	19.0	17.0	14.0	15.5
30	16.5	14.5	15.5	21.0	17.5	19.0	21.5	17.5	19.5	16.5	12.5	14.5
31	---	---	---	21.0	17.0	19.0	22.0	17.5	20.0	---	---	---
MONTH	19.0	10.0	14.4	21.5	13.5	17.9	24.0	16.5	20.0	23.5	12.5	18.9

PYRAMID AND WINNEMUCCA LAKES BASIN

10351775 TRUCKEE RIVER AT MARBLE BLUFF DAM, NV

LOCATION.--Lat 39°51'20", long 119°23'32", in NW $^1/_4$ NW $^1/_4$ sec.22, T.23 N., R.23 E., Washoe County, Hydrologic Unit 16050103, in Pyramid Lake Indian Reservation, on right bank of inflow to Pyramid Lake, 9.42 mi downstream from Nixon gage, and 3 mi northwest of Nixon.

DRAINAGE AREA.--1,937 mi^2.

PERIOD OF RECORD.--Water years 1988 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: July 1988 to current year.

INSTRUMENTATION.--Water-temperature recorder since July 1988, hourly.

REMARKS.--Records represent water temperature at probe within 0.5°C.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum recorded, 31.5°C, July 16, 1992; minimum recorded, freezing point on many days during winter months of some years.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum recorded, 23.0°C, August 23, 25, September 3; minimum recorded, 0.5°C, November 19, 23.

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19.0	15.0	17.0	12.5	12.0	12.0	5.0	2.5	4.0	---	---	---
2	19.0	15.0	17.0	12.5	8.0	11.0	---	---	---	---	---	---
3	16.5	12.5	15.0	9.5	6.5	8.0	---	---	---	---	---	---
4	15.0	12.5	13.0	7.5	6.0	6.5	---	---	---	2.0	1.0	1.5
5	15.5	12.5	14.0	7.5	7.0	7.5	---	---	---	3.0	1.0	2.0
6	16.5	12.5	14.5	8.0	7.0	7.5	---	---	---	3.5	1.5	2.5
7	16.5	12.0	14.5	8.5	7.5	8.0	---	---	---	5.5	2.0	3.5
8	17.0	12.5	15.0	9.5	6.5	8.0	---	---	---	5.5	3.5	4.5
9	17.0	12.5	15.0	10.0	7.5	8.5	---	---	---	8.0	5.0	6.0
10	16.5	13.5	15.0	8.5	6.5	7.5	---	---	---	6.5	5.5	6.0
11	16.5	13.0	15.0	9.0	6.0	7.0	---	---	---	6.0	4.0	5.0
12	16.0	13.0	14.5	8.5	5.0	7.0	---	---	---	4.0	3.0	3.5
13	14.5	11.0	13.0	7.0	3.5	5.5	---	---	---	6.5	4.0	5.0
14	12.5	10.0	11.5	6.5	3.5	5.0	---	---	---	7.0	5.5	6.0
15	10.0	8.0	9.0	7.0	3.5	5.5	---	---	---	6.0	4.0	4.5
16	10.5	8.0	9.0	6.0	4.0	5.0	---	---	---	4.0	3.0	3.5
17	12.5	7.5	10.0	4.0	2.5	3.5	---	---	---	4.0	2.5	3.0
18	14.5	9.0	11.5	4.5	1.0	2.5	---	---	---	5.0	2.5	3.5
19	14.5	10.0	12.0	4.0	.5	2.0	---	---	---	5.0	2.5	3.5
20	14.5	10.0	12.0	4.5	1.5	3.0	---	---	---	5.0	2.5	3.5
21	14.5	9.5	12.0	4.5	2.0	3.5	---	---	---	6.0	3.5	4.5
22	14.5	9.5	12.0	3.5	1.0	2.0	---	---	---	5.5	3.5	4.5
23	14.5	10.0	12.0	3.5	.5	2.0	---	---	---	6.5	4.5	5.5
24	14.5	10.5	12.5	5.0	2.0	3.5	---	---	---	7.0	4.5	5.5
25	14.5	10.0	12.0	4.5	2.5	3.5	---	---	---	7.5	5.5	6.5
26	13.0	11.0	12.0	4.0	1.5	2.5	---	---	---	6.5	5.0	6.0
27	13.5	13.0	13.0	3.5	1.0	2.5	---	---	---	5.5	4.5	5.0
28	13.5	13.0	13.5	5.0	1.5	3.0	---	---	---	6.0	4.5	5.5
29	13.5	13.0	13.5	4.5	1.5	3.0	---	---	---	7.0	5.0	6.0
30	13.0	12.5	13.0	5.0	2.0	3.5	---	---	---	9.0	6.0	7.5
31	12.5	12.0	12.5	---	---	---	---	---	---	10.0	7.5	8.5
MONTH	19.0	7.5	13.1	12.5	.5	5.3	---	---	---	---	---	---

PYRAMID AND WINNEMUCCA LAKES BASIN

10351775 TRUCKEE RIVER AT MARBLE BLUFF DAM, NV--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	10.0	7.5	8.5	13.0	9.0	11.5	11.0	9.5	10.5	12.5	9.5	11.0
2	10.5	6.5	8.5	12.0	9.5	11.0	11.5	8.5	10.0	12.0	8.5	10.0
3	10.5	6.5	8.5	12.5	8.5	10.5	12.5	9.0	11.0	11.5	7.5	9.5
4	10.5	6.5	8.5	11.5	6.5	9.0	13.0	10.0	11.5	12.0	9.0	10.5
5	10.5	6.5	8.5	11.0	7.5	9.0	12.5	10.5	11.5	11.5	9.5	10.0
6	9.5	6.0	8.0	11.5	6.0	8.5	12.0	10.0	11.0	10.5	8.0	9.0
7	11.0	6.5	8.5	11.5	6.0	9.0	13.0	10.0	11.5	12.0	8.5	10.0
8	9.0	7.5	8.5	10.0	7.5	9.0	11.0	8.5	10.0	12.5	9.5	11.0
9	10.5	7.0	8.5	11.5	8.0	9.5	9.5	6.5	8.0	12.0	10.5	11.0
10	10.0	6.0	8.0	9.5	6.0	8.0	9.5	6.0	8.0	13.0	10.0	11.5
11	10.0	5.5	7.5	6.5	5.0	6.0	11.5	8.0	9.5	12.5	11.0	11.5
12	9.5	5.5	7.5	7.5	4.5	6.0	12.0	10.0	11.0	12.0	9.5	11.0
13	9.5	5.5	7.5	7.5	5.5	6.5	11.5	8.0	9.5	10.5	8.5	9.5
14	8.0	3.0	5.0	8.5	6.5	7.5	10.0	7.0	8.5	11.0	9.0	10.0
15	7.5	2.0	5.0	9.0	7.0	8.0	8.5	6.5	8.0	12.5	9.5	11.0
16	6.0	3.5	5.0	9.5	7.5	8.5	8.0	5.5	6.5	13.5	10.0	12.0
17	7.5	3.5	5.5	9.5	7.0	8.5	8.0	5.5	7.0	15.5	11.5	13.5
18	10.0	4.5	7.5	9.5	8.0	9.0	9.5	6.5	8.0	15.5	12.0	14.0
19	11.0	6.0	8.5	9.0	7.0	8.5	10.5	7.0	9.0	16.5	13.0	14.5
20	11.5	6.5	9.0	8.5	7.0	8.0	9.5	7.5	8.5	16.0	13.0	14.5
21	12.0	7.0	9.5	7.5	5.5	6.5	10.5	6.5	9.0	15.0	13.0	14.0
22	12.5	7.5	10.0	6.5	4.0	5.5	12.0	8.5	10.5	14.0	12.5	13.0
23	13.0	7.5	10.5	5.5	4.0	5.0	14.0	10.0	12.0	14.0	11.0	12.5
24	13.5	8.0	10.5	5.5	3.5	4.5	15.0	11.5	13.5	13.0	11.0	12.0
25	13.0	8.0	10.5	5.5	3.5	4.5	15.5	12.5	14.5	14.0	11.0	12.5
26	13.0	8.0	10.5	7.0	3.5	5.5	15.0	12.5	14.0	15.0	11.5	13.0
27	13.0	8.5	11.0	8.5	4.5	6.5	14.5	11.5	13.0	15.0	12.5	14.0
28	12.5	9.0	11.0	8.0	6.0	7.0	12.5	11.0	11.5	15.0	11.5	13.5
29	---	---	---	9.0	5.5	7.5	12.0	9.0	10.5	16.0	12.0	14.0
30	---	---	---	10.0	6.5	8.5	12.0	9.5	11.0	16.0	12.5	14.5
31	---	---	---	11.0	7.5	9.5	---	---	---	16.0	13.0	14.5
MONTH	13.5	2.0	8.4	13.0	3.5	7.8	15.5	5.5	10.3	16.5	7.5	12.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	15.5	13.0	14.5	16.0	14.0	15.0	21.0	17.5	19.5	---	---	---
2	15.0	12.0	13.5	17.5	14.0	15.5	20.5	18.5	20.0	---	---	---
3	15.5	11.5	13.5	18.5	15.0	16.5	21.5	18.5	20.0	23.0	20.5	21.5
4	16.5	13.0	15.0	18.5	15.5	17.0	22.0	18.5	20.5	22.5	19.0	21.0
5	15.5	13.0	14.0	19.5	16.0	17.5	22.5	19.5	21.0	---	---	---
6	13.0	10.0	11.5	19.5	16.5	18.0	22.5	20.0	21.5	---	---	---
7	12.0	10.0	11.0	19.0	16.5	18.0	21.5	19.0	20.5	---	---	---
8	13.5	10.5	12.0	18.5	16.5	17.5	20.0	17.0	19.0	---	---	---
9	15.0	11.0	13.0	18.5	15.5	17.0	20.0	17.5	19.0	---	---	---
10	17.5	13.0	15.5	19.0	15.5	17.5	21.0	18.0	19.5	21.0	16.5	19.0
11	18.0	14.5	16.5	18.5	15.5	17.0	20.0	17.0	19.0	21.5	16.5	19.0
12	18.0	14.5	16.0	17.0	15.0	16.0	21.0	17.5	19.5	---	---	---
13	16.5	14.0	15.0	18.0	14.5	16.0	20.5	18.0	19.5	---	---	---
14	14.5	11.5	12.5	19.0	15.5	17.0	21.0	17.5	19.5	---	---	---
15	12.5	11.0	12.0	20.0	16.5	18.5	22.0	18.5	20.5	---	---	---
16	13.0	10.0	11.5	21.0	17.5	19.5	21.5	18.5	20.0	---	---	---
17	14.0	11.5	12.5	20.0	18.0	19.0	20.5	18.0	19.0	---	---	---
18	14.0	12.0	13.0	20.0	17.5	18.5	20.0	17.0	18.5	---	---	---
19	15.0	12.0	13.5	19.5	17.0	18.5	20.5	17.0	19.0	---	---	---
20	15.0	12.0	13.5	20.0	17.0	18.5	21.0	18.0	19.5	---	---	---
21	16.0	12.0	14.0	20.5	17.0	19.0	22.0	19.5	21.0	---	---	---
22	17.5	13.5	15.5	19.5	17.5	18.5	22.0	20.0	21.5	---	---	---
23	19.0	14.5	16.5	20.0	17.0	18.5	23.0	20.5	22.0	---	---	---
24	19.0	16.0	17.5	20.0	17.0	19.0	22.5	20.5	21.5	---	---	---
25	19.5	16.0	17.5	20.5	17.5	19.0	23.0	20.0	21.0	---	---	---
26	18.5	16.5	17.0	20.0	17.0	19.0	22.5	19.5	21.0	---	---	---
27	17.0	14.0	16.0	21.0	17.5	19.5	22.5	19.0	20.5	---	---	---
28	18.0	15.5	16.5	21.5	19.0	20.0	22.0	19.0	20.0	---	---	---
29	18.0	15.0	16.5	21.5	19.0	20.0	21.0	18.0	19.0	17.0	14.0	15.5
30	17.0	15.5	16.0	20.5	17.5	19.0	---	---	---	16.0	13.5	14.5
31	---	---	---	20.5	17.0	19.0	---	---	---	---	---	---
MONTH	19.5	10.0	14.4	21.5	14.0	18.0	---	---	---	---	---	---

BLACK ROCK DESERT

10352500 MCDERMITT CREEK NEAR MCDERMITT, NV

LOCATION.--Lat 41°58'00", long 117°50'01", in SE $^1/_4$ SE $^1/_4$ sec.8, T.47 N., R.37 E., Humboldt County, Hydrologic Unit 16040201, on left bank, approximately 100 feet upstream from highway bridge on Cordero Mine Road, and 6.5 mi southwest of McDermitt.

DRAINAGE AREA.--225 mi^2.

PERIOD OF RECORD.--October 1948 to September 1984, March 1985 to current year.

REVISED RECORDS.--WSP 1214: 1949-50 (P).

GAGE.--Water-stage recorder. Elevation of gage is 4,545 ft above sea level, from topographic map. October 1948 to May 11, 1972, at site approximately 500 ft upstream from highway bridge, on left bank. May 11, 1972, to April 1983, at site approximately 800 ft upstream from highway bridge, on right bank, at same datum.

REMARKS.--Records poor. One diversion for about 1,500 acres above station. No flow at times in some years.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	2.4	e5.5	17	421	e45	e62	e160	e135	e37	8.7	e4.0
2	.00	2.4	e5.5	14	418	e45	e60	e180	e135	e37	8.2	e3.8
3	.00	2.5	e5.0	13	164	e45	e60	e185	e130	e36	7.9	e3.7
4	.18	2.4	e4.5	29	97	e45	e62	e170	e125	e34	7.7	e3.8
5	.39	2.4	e4.0	30	74	e42	e70	e200	e115	e32	7.5	e3.9
6	.42	2.8	e3.5	33	74	e40	e82	e290	e110	e31	7.3	e3.8
7	.48	3.3	e3.0	34	56	e38	e92	e340	e93	e29	7.0	e3.7
8	.54	3.2	e3.0	29	80	e38	e100	e300	e83	e28	7.1	e3.5
9	.60	3.2	e3.0	23	e60	e38	e95	e250	e73	e28	7.1	e3.4
10	.63	3.4	e3.0	26	e50	e40	e89	e226	e69	e27	6.7	e3.3
11	.65	3.5	e5.0	40	e44	e70	e80	e200	e64	e26	6.3	e3.3
12	.75	3.3	11	38	e38	e180	e74	e185	e62	e25	6.0	e3.3
13	.85	3.3	9.4	27	e34	e150	e70	e170	e60	e24	5.7	e3.3
14	.97	3.1	11	49	e30	e150	e68	e165	e60	e23	5.8	e3.3
15	1.1	3.0	11	64	e30	e150	e65	e160	e60	e22	5.4	e3.2
16	1.1	3.0	11	27	e30	e140	e62	e155	e60	e19	4.5	e3.2
17	1.2	e2.9	11	26	e30	e140	e60	e145	e57	e17	4.9	e3.3
18	1.4	e2.8	9.1	26	e28	e140	e56	e150	e53	e16	5.1	e3.4
19	1.5	e2.7	e9.0	13	e28	e150	e42	e160	e49	e16	4.9	e3.4
20	1.5	e2.6	e9.0	11	e30	e150	e49	e170	e47	e16	4.7	e3.3
21	1.6	e2.4	e9.0	11	e30	e140	e48	e180	e45	e15	4.5	e3.3
22	1.6	e2.2	e7.0	9.9	e34	e130	e48	e185	e43	e15	4.5	e3.3
23	1.8	e2.5	e5.5	10	e37	e120	e49	e185	e41	e14	4.6	e3.4
24	1.9	e2.8	e9.0	11	e40	e110	e51	e175	e40	e13	4.3	e3.4
25	2.0	e3.2	14	12	e42	e95	e57	e170	e38	e11	e4.0	e3.3
26	2.0	e3.2	12	11	e45	e90	e63	e165	e37	10	e4.0	e3.3
27	2.0	e3.1	11	11	e45	e80	e80	e155	e37	9.3	e4.0	e3.3
28	2.3	e3.2	11	12	e45	e78	e100	e145	e36	8.8	e4.0	e3.4
29	2.2	e3.6	8.8	12	---	e70	e130	e130	e37	9.6	e4.0	e3.4
30	2.2	e4.2	19	15	---	e67	e140	e130	e37	9.6	e4.0	e3.6
31	2.2	---	20	137	---	e65	---	e130	---	9.0	e4.0	---
TOTAL	36.06	88.6	262.8	820.9	2134	2881	2164	5711	2031	647.3	174.4	103.6
MEAN	1.16	2.95	8.48	26.5	76.2	92.9	72.1	184	67.7	20.9	5.63	3.45
MAX	2.3	4.2	20	137	421	180	140	340	135	37	8.7	4.0
MIN	.00	2.2	3.0	9.9	28	38	42	130	36	8.8	4.0	3.2
AC-FT	72	176	521	1630	4230	5710	4290	11330	4030	1280	346	205

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1949 - 1995, BY WATER YEAR (WY)

MEAN	4.33	6.84	11.6	21.1	43.8	77.8	97.4	74.9	34.6	9.67	2.92	2.57
MAX	10.0	17.3	50.9	91.5	302	353	600	310	140	46.5	15.4	9.96
(WY)	1984	1984	1956	1956	1986	1993	1952	1984	1983	1984	1983	1984
MIN	.69	2.06	2.46	2.26	4.82	6.63	4.08	2.74	.77	.14	.000	.000
(WY)	1982	1993	1950	1950	1955	1992	1992	1992	1992	1992	1992	1960

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1949 - 1995	
ANNUAL TOTAL	1693.72		17054.66			
ANNUAL MEAN	4.64		46.7		32.2	
HIGHEST ANNUAL MEAN					98.2	1984
LOWEST ANNUAL MEAN					4.11	1992
HIGHEST DAILY MEAN	20	Dec 31	421	Feb 1	2800	Feb 1 1963
LOWEST DAILY MEAN	.00	Jul 17	.00	Oct 1	.00	Sep 8 1955
ANNUAL SEVEN-DAY MINIMUM	.00	Jul 17	.21	Oct 1	.00	Sep 8 1955
INSTANTANEOUS PEAK FLOW			827	Feb 2	3970	Feb 1 1963
INSTANTANEOUS PEAK STAGE			6.21	Feb 2	9.22	Mar 17 1993
ANNUAL RUNOFF (AC-FT)	3360		33830		23300	
10 PERCENT EXCEEDS	10		145		82	
50 PERCENT EXCEEDS	3.9		19		8.2	
90 PERCENT EXCEEDS	.00		2.4		1.7	

e Estimated

BLACK ROCK DESERT

10353600 KINGS RIVER NEAR OROVADA, NV

LOCATION.--Lat 41°54'25", long 118°18'30", in SW $^1/_4$ SE $^1/_4$ sec.31, T.47 N., R.33 E., Humboldt County, Hydrologic Unit 16040201, on left bank, 2.8 mi downstream from Little Creek, 5 mi upstream from Kings River Ranch, and 36 mi northwest of Orovada.

DRAINAGE AREA.--20.5 mi^2.

PERIOD OF RECORD.--October 1962 to September 1968 and October 1976 to September 1995 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 4,680 ft above sea level, from topographic map.

REMARKS.--Records poor. No diversion or regulation above station.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.41	e.70	e.60	e.90	6.4	8.9	7.5	18	18	7.2	2.1	.98
2	.37	e.70	e.70	e.90	5.9	8.6	7.2	21	21	6.9	1.9	1.0
3	.39	e.70	e.90	e.90	5.2	8.9	7.4	22	22	7.0	1.9	1.2
4	.45	e.80	e1.0	e.90	4.9	7.7	8.1	23	24	6.7	1.8	1.1
5	.47	e.80	e1.0	.87	5.0	7.1	9.0	22	22	6.2	1.8	1.0
6	.42	.82	e.80	.86	5.2	6.1	10	27	17	6.1	1.8	1.0
7	.40	.71	e.70	.91	5.5	5.6	10	29	15	6.1	1.8	1.0
8	.39	.66	e.70	.93	5.8	5.4	11	28	13	5.9	2.0	1.1
9	.42	.59	e.70	1.2	5.5	6.0	9.8	26	13	5.9	1.9	1.2
10	.43	.55	e.80	2.2	5.3	11	9.5	24	13	5.4	1.7	1.2
11	.47	.51	e.80	1.5	5.3	15	9.7	24	15	5.0	1.7	1.1
12	.50	.55	e.80	.79	5.2	15	9.6	22	16	5.5	1.7	1.2
13	.52	.54	e.90	4.0	4.8	14	10	20	15	5.0	1.6	e1.1
14	.58	.55	e.90	4.0	4.2	17	9.7	19	14	4.6	1.6	e.98
15	.60	e.60	e.90	1.9	4.1	18	9.5	18	13	4.2	1.4	e.88
16	.58	e.60	e1.0	1.2	3.7	17	9.2	17	12	4.0	1.6	e.82
17	.54	e.60	e1.0	.93	3.3	16	8.8	16	13	4.0	2.1	e.77
18	.55	e.60	e1.0	.86	3.2	16	8.5	16	13	4.1	1.7	e.72
19	.55	e.50	e1.0	.74	3.4	16	8.1	16	11	4.1	1.5	e.68
20	.57	e.50	e1.0	.77	4.2	15	8.5	15	10	4.1	1.4	e.64
21	.59	e.50	e1.0	.70	5.3	15	8.0	15	9.4	3.7	1.2	e.62
22	e.60	e.40	e1.0	.71	6.6	13	7.8	15	8.8	3.8	1.3	e.60
23	e.60	e.60	e1.0	.71	7.6	12	7.8	15	8.9	3.5	1.3	e.59
24	e.60	e.60	e1.0	.77	8.6	11	8.2	14	8.8	3.2	1.2	e.57
25	e.60	e.60	e1.0	1.6	9.3	9.9	8.8	13	8.8	3.0	1.2	e.58
26	e.60	e.60	e1.0	1.3	9.2	8.9	9.4	13	9.1	3.0	1.2	e.58
27	e.60	e.60	e1.0	1.2	9.1	8.1	9.9	13	8.9	2.8	1.1	e.62
28	e.60	e.60	e1.0	1.6	8.9	7.7	10	13	8.4	2.5	1.1	e.66
29	e.60	e.60	e1.0	1.8	---	7.4	12	14	7.7	2.5	1.1	e.70
30	e.70	e.60	e1.0	4.6	---	7.3	11	14	7.3	2.4	1.1	e.76
31	e.70	---	e.90	6.0	---	7.3	---	16	---	2.3	1.1	---
TOTAL	16.40	18.28	28.10	48.25	160.7	341.9	274.0	578	396.1	140.7	47.9	25.95
MEAN	.53	.61	.91	1.56	5.74	11.0	9.13	18.6	13.2	4.54	1.55	.86
MAX	.70	.82	1.0	6.0	9.3	18	12	29	24	7.2	2.1	1.2
MIN	.37	.40	.60	.70	3.2	5.4	7.2	13	7.3	2.3	1.1	.57
AC-FT	33	36	56	96	319	678	543	1150	786	279	95	51

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1963 - 1995, BY WATER YEAR (WY)

MEAN	1.89	2.40	2.55	2.67	5.51	11.9	15.1	18.5	9.87	2.70	1.27	1.38
MAX	4.15	4.61	6.88	5.49	16.8	48.9	53.8	98.9	45.9	10.6	4.07	3.23
(WY)	1986	1988	1984	1965	1986	1984	1984	1983	1983	1984	1984	1984
MIN	.53	.61	.91	1.06	1.70	2.29	2.64	2.10	.90	.41	.29	.53
(WY)	1995	1995	1995	1963	1990	1991	1968	1992	1992	1994	1994	1994

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1963 - 1995	
ANNUAL TOTAL	680.42		2076.28			
ANNUAL MEAN	1.86		5.69		6.31	
HIGHEST ANNUAL MEAN					21.1	1983
LOWEST ANNUAL MEAN					1.73	1992
HIGHEST DAILY MEAN	11	May 8	29	May 7	188	Feb 1 1963
LOWEST DAILY MEAN	.19	Jul 28	.37	Oct 2	.10	Jan 12 1963
ANNUAL SEVEN-DAY MINIMUM	.22	Aug 4	.41	Oct 2	.19	Jan 10 1963
INSTANTANEOUS PEAK FLOW			35	Jun 4	770	Feb 1 1963
INSTANTANEOUS PEAK STAGE			2.42	Jun 4	4.00	Feb 1 1963
ANNUAL RUNOFF (AC-FT)	1350		4120		4570	
10 PERCENT EXCEEDS	4.0		15		16	
50 PERCENT EXCEEDS	1.0		2.5		2.5	
90 PERCENT EXCEEDS	.34		.60		.89	

e Estimated

SUMMIT LAKE BASIN

10353750 MAHOGANY CREEK NEAR SUMMIT LAKE, NV

LOCATION.--Lat 41°32'42", long 119°00'34", in SE $^1/_4$ NE $^1/_4$ sec.21, T.42 N., R.26 E., Humboldt County, Hydrologic Unit 16040202, on right bank, 2.8 mi northeast of Summit Lake, and 75 mi north of Gerlach.

DRAINAGE AREA.--13.3 mi^2, approximately.

PERIOD OF RECORD.--July 1987 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,080 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.61	.96	1.1	e.83	3.0	1.9	2.9	10	34	16	5.9	2.8
2	.57	.89	1.1	e.82	2.7	2.0	2.7	12	39	15	5.5	2.8
3	.63	.85	1.1	e.81	2.2	2.0	2.8	12	42	15	5.4	3.0
4	.75	.84	e1.2	1.3	2.0	1.7	2.9	12	43	15	5.3	2.7
5	.77	1.1	1.0	1.3	2.0	1.6	3.1	13	47	15	5.5	2.7
6	.80	1.1	1.0	1.3	2.0	e1.6	3.7	13	45	15	5.3	2.6
7	.85	1.0	e.97	1.3	2.0	1.7	3.9	13	38	14	5.3	2.6
8	.88	1.3	e.95	1.4	2.0	1.7	3.9	14	29	14	5.3	2.7
9	.87	1.0	e1.0	1.5	1.9	2.0	3.7	15	21	14	4.8	2.6
10	.88	1.1	e1.0	1.7	1.5	3.7	3.6	15	17	13	4.5	2.5
11	.90	1.1	.87	1.3	1.4	4.5	3.9	16	16	13	4.6	2.3
12	.84	1.1	.91	1.2	1.3	3.5	3.9	15	17	13	4.3	2.2
13	.79	e1.0	.89	1.8	e1.2	3.1	4.3	15	18	13	4.4	2.1
14	.89	e1.0	.87	1.9	e1.2	3.5	4.0	15	23	12	4.1	2.0
15	.87	e1.0	.80	e1.2	1.7	3.7	3.6	15	25	12	3.9	2.0
16	.96	1.0	.70	e1.2	1.7	3.5	3.7	15	24	12	4.2	2.0
17	.97	e1.0	.80	e1.1	1.8	3.3	3.7	15	21	12	4.3	2.3
18	.96	e.98	.82	1.4	1.9	3.7	3.8	15	21	12	4.1	2.2
19	.91	e.98	.77	1.4	1.8	3.5	3.5	16	20	12	3.8	2.2
20	.88	e1.0	.77	1.3	1.8	3.9	3.6	16	18	12	3.6	2.4
21	.88	1.2	.77	1.4	1.8	3.7	3.5	16	17	11	3.7	2.5
22	.88	e1.1	.72	1.4	1.7	3.3	3.2	16	17	11	3.8	2.6
23	.88	1.1	.75	1.4	1.8	3.5	3 3	17	16	9.7	4.0	2.5
24	.88	1.0	.77	1.4	1.8	3.3	3.7	20	16	8.5	3.9	2.4
25	.88	1.0	.78	1.4	1.8	3.1	4.1	24	16	8.1	3.4	2.6
26	.88	e.95	1.0	1.3	1.8	3.0	4.8	24	16	7.5	3.5	2.7
27	.89	e.91	1.1	1.1	1.8	3.0	5.3	22	20	7.2	3.3	2.7
28	1.1	e.92	1.0	1.2	1.8	2.9	5.4	23	16	6.9	3.2	2.8
29	.92	1.0	e.85	1.6	---	2.7	7.2	25	16	6.6	3.2	3.0
30	.82	1.1	e.84	1.9	---	2.7	6.8	28	16	6.5	3.2	2.8
31	.96	---	e.84	3.1	---	2.7	---	31	---	6.2	3.0	---
TOTAL	26.55	30.58	28.04	43.26	51.4	90.0	118.5	528	724	358.2	132.3	75.3
MEAN	.86	1.02	.90	1.40	1.84	2.90	3.95	17.0	24.1	11.6	4.27	2.51
MAX	1.1	1.3	1.2	3.1	3.0	4.5	7.2	31	47	16	5.9	3.0
MIN	.57	.84	.70	.81	1.2	1.6	2.7	10	16	6.2	3.0	2.0
AC-FT	53	61	56	86	102	179	235	1050	1440	710	262	149

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 1995, BY WATER YEAR (WY)

MEAN	1.24	1.43	1.22	1.27	1.50	2.27	2.97	5.80	6.38	2.99	1.46	1.22
MAX	2.01	1.96	1.66	1.59	1.84	3.65	4.60	17.0	24.1	11.6	4.27	2.51
(WY)	1994	1988	1994	1988	1995	1993	1993	1995	1995	1995	1995	1995
MIN	.83	.90	.90	1.04	1.28	1.42	1.96	1.36	.82	.55	.39	.46
(WY)	1993	1993	1995	1993	1989	1991	1994	1992	1992	1993	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1987 - 1995	
ANNUAL TOTAL	498.60		2206.13			
ANNUAL MEAN	1.37		6.04		2.48	
HIGHEST ANNUAL MEAN					6.04	1995
LOWEST ANNUAL MEAN					1.21	1992
HIGHEST DAILY MEAN	2.9	May 20	47	Jun 5	47	Jun 5 1995
LOWEST DAILY MEAN	.52	Aug 27	.57	Oct 2	.32	Aug 1 1992
ANNUAL SEVEN-DAY MINIMUM	.57	Aug 26	.71	Oct 1	.33	Jul 31 1992
INSTANTANEOUS PEAK FLOW			50	Jun 5	50	Jun 5 1995
INSTANTANEOUS PEAK STAGE			5.34	Jun 5	5.34	Jun 5 1995
ANNUAL RUNOFF (AC-FT)	989		4380		1800	
10 PERCENT EXCEEDS	2.2		16		4.3	
50 PERCENT EXCEEDS	1.4		2.7		1.5	
90 PERCENT EXCEEDS	.70		.88		.78	

e Estimated

HUALAPAI FLAT

10353770 SOUTH WILLOW CREEK NEAR GERLACH, NV

LOCATION.--(REVISED) Lat 41°01'03", long 119°21'05", in SE $^1/_4$ NE $^1/_4$ sec.11, T.36 N., R.23 E., Washoe County, Hydrologic Unit 16040203, on left bank, 150 ft east of State Highway 34, and 25 mi north of Gerlach.

DRAINAGE AREA.--31 mi^2, approximately.

PERIOD OF RECORD.--Water years 1963-73 (annual maximum), August 1973 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,500 ft above sea level, from topographic map. July 1, 1963, to August 16, 1973, operated as a crest-stage gage only, at datum 4.00 ft lower.

REMARKS.--Records fair except for estimated daily discharges, which are poor. No flow many days most years.

EXTREMES OUTSIDE PERIOD OF RECORD.--Floods of unknown date reached a stage of 14.4 ft, present datum, from floodmarks, estimated discharge, 3,100 ft^3/s.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	e.10	37	1.4	3.2	53	e2.0	2.0	.24	.12
2	.00	.00	.00	e.10	21	1.7	3.5	26	e2.0	1.9	.23	.12
3	.00	.00	.00	e.10	13	6.4	3.0	12	e2.0	1.7	.22	.12
4	.09	.00	.00	e.10	9.6	3.5	2.9	19	e3.0	1.7	.21	.11
5	.00	.00	.00	.10	8.0	2.4	2.7	31	e2.0	1.5	.20	.11
6	.00	.00	.00	.10	7.0	1.7	2.9	e30	e2.0	1.5	.20	.11
7	.00	.00	.00	.10	6.3	1.4	2.8	e25	e2.0	1.4	.18	.11
8	.00	.00	.00	.10	5.6	1.5	2.9	e20	e2.0	1.6	.18	.11
9	.00	.00	.00	1.5	3.8	6.6	2.6	e15	e2.0	2.8	.18	.11
10	.00	.00	.00	31	3.0	34	2.7	e15	e2.0	1.9	.18	.11
11	.00	.00	.00	16	2.8	26	2.7	e15	e2.0	1.6	.18	.11
12	.00	.00	.00	7.4	2.4	13	2.7	e10	e2.0	1.5	.18	.11
13	.00	.00	.00	35	2.2	7.6	2.8	e10	e2.0	1.3	.18	.11
14	.00	.00	.00	61	1.9	10	2.6	e10	e2.0	1.2	.17	.12
15	.00	.00	.00	25	1.5	7.1	2.7	e10	e2.0	1.1	.16	.11
16	.00	.00	.00	9.4	1.6	5.6	2.8	e10	e2.0	.86	.16	.12
17	.00	.00	.00	4.7	1.6	4.8	2.8	e10	e2.0	.73	.16	.12
18	.00	.00	.00	3.9	1.9	5.4	2.8	e10	e2.0	.74	.16	.12
19	.00	.00	.00	1.9	1.6	4.7	2.9	e10	e2.0	.64	.16	.12
20	.00	.00	.00	1.4	1.4	5.9	3.1	e8.0	e2.0	.61	.15	.12
21	.00	.00	.00	1.3	1.4	5.3	3.1	e8.0	e2.0	.51	.15	.12
22	.00	.00	.00	.84	1.4	4.8	2.9	e8.0	e2.0	.44	.14	.12
23	.00	.00	.00	.90	1.4	6.8	2.7	e8.0	2.5	.38	.14	.12
24	.00	.00	.00	1.0	1.4	6.2	2.5	e8.0	2.3	.40	.14	.12
25	.00	.00	.00	6.7	1.4	4.8	2.6	e8.0	2.1	.36	.14	.12
26	.00	.00	e.10	4.6	1.4	4.2	2.8	e8.0	2.2	.34	.14	.13
27	.00	.00	e.10	2.2	1.4	4.5	2.8	e6.0	2.3	.32	.13	.13
28	.00	.00	e.10	7.0	1.4	4.2	2.9	e6.0	2.1	.28	.13	.13
29	.00	.00	e.10	15	---	3.2	31	e6.0	2.0	.28	.12	.14
30	.00	.00	e.10	27	---	2.9	32	e4.0	2.0	.28	.12	.14
31	.00	---	e.10	56	---	2.8	---	e3.0	---	.26	.12	---
TOTAL	0.09	0.00	0.60	321.54	144.4	200.4	142.4	422.0	62.5	32.13	5.15	3.56
MEAN	.003	.000	.019	10.4	5.16	6.46	4.75	13.6	2.08	1.04	.17	.12
MAX	.09	.00	.10	61	37	34	32	53	3.0	2.8	.24	.14
MIN	.00	.00	.00	.10	1.4	1.4	2.5	3.0	2.0	.26	.12	.11
AC-FT	.2	.00	1.2	638	286	397	282	837	124	64	10	7.1

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 1995, BY WATER YEAR (WY)

MEAN	.031	.11	.43	1.23	3.21	3.15	1.24	1.42	.47	.099	.017	.011
MAX	.43	1.85	8.24	10.4	30.9	14.3	4.75	13.6	3.41	1.04	.17	.12
(WY)	1987	1984	1984	1995	1986	1983	1995	1995	1983	1995	1995	1995
MIN	.000	.000	.000	.000	.000	.000	.000	.007	.000	.000	.000	.000
(WY)	1974	1974	1974	1975	1976	1977	1977	1977	1992	1974	1973	1973

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1973 - 1995	
ANNUAL TOTAL	12.65		1334.77			
ANNUAL MEAN	.035		3.66		.94	
HIGHEST ANNUAL MEAN					3.70	1986
LOWEST ANNUAL MEAN					.004	1976
HIGHEST DAILY MEAN	.24	Feb 25	61	Jan 14	279	Feb 17 1986
LOWEST DAILY MEAN	.00	Jan 1	.00	Oct 1	.00	Aug 1 1973
ANNUAL SEVEN-DAY MINIMUM	.00	Jan 1	.00	Oct 5	.00	Aug 1 1973
INSTANTANEOUS PEAK FLOW			116	May 5	1730	Jan 31 1963
INSTANTANEOUS PEAK STAGE			2.25	May 5	7.30	Jan 31 1963
ANNUAL RUNOFF (AC-FT)	25		2650		681	
10 PERCENT EXCEEDS	.10		9.8		1.9	
50 PERCENT EXCEEDS	.00		1.3		.02	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated

SMOKE CREEK DESERT

10353800 SMOKE CREEK BELOW RESERVOIR NEAR SMOKE CREEK, NV

LOCATION.--Lat 40°30'33", long 119°52'24", in NE $^1/_4$ NW $^1/_4$ sec.5, T.30 N., R.19 E., Washoe County, Hydrologic Unit 16040203, on left bank, 11.2 mi south of Buffalo Creek Ranch, and 38.1 mi southwest of Gerlach.

DRAINAGE AREA.--50.1 mi^2, approximately.

PERIOD OF RECORD.--December 1988 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 3,980 ft above sea level, from topographic map.

REMARKS.--Records fair. No flow many days, most years.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of February 1986 reached a stage of 9.00 ft, present datum, from floodmarks; discharge 2,270 ft^3/s, on basis of slope-area measurement of peak flow.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	692	27	54	1290	14	4.1	4.7	4.9
2	.00	.00	.00	.00	497	29	51	444	15	5.6	4.7	4.9
3	.00	.00	.00	.00	192	44	47	167	17	5.4	4.7	4.7
4	.00	.00	.00	.00	129	76	43	122	16	4.7	4.7	4.7
5	.00	.00	.00	.00	107	55	39	121	15	4.2	4.7	4.6
6	.00	.00	.00	.00	89	36	38	110	16	4.1	4.7	4.7
7	.00	.00	.00	5.9	84	30	40	97	16	4.2	4.8	4.7
8	.00	.00	.00	8.7	91	28	42	74	17	4.6	4.8	4.7
9	.00	.00	.00	43	78	892	43	61	8.2	5.5	4.8	5.0
10	.00	.00	.00	728	58	920	44	53	.81	5.7	4.9	5.0
11	.00	.00	.00	423	53	763	43	47	e.10	5.2	4.8	5.0
12	.00	.00	.00	214	48	213	41	46	e.05	4.9	4.8	5.0
13	.00	.00	.00	328	43	132	42	47	e.05	5.1	4.7	5.0
14	.00	.00	.00	1790	44	107	44	45	e.05	5.1	4.9	4.8
15	.00	.00	.00	239	39	87	43	44	e.05	5.0	5.0	4.7
16	.00	.00	.00	78	37	74	43	43	e.04	4.7	4.9	4.8
17	.00	.00	.00	50	36	67	42	42	e.04	4.5	4.9	4.7
18	.00	.00	.00	39	38	63	40	39	e.04	4.7	4.9	4.7
19	.00	.00	.00	30	44	67	40	37	e.04	5.1	4.9	4.7
20	.00	.00	.00	26	43	79	38	37	e.04	5.3	5.0	4.7
21	.00	.00	.00	26	41	214	37	36	.01	4.9	4.9	4.6
22	.00	.00	.00	24	40	112	35	36	.00	4.9	5.0	4.6
23	.00	.00	.00	32	37	88	33	36	.00	4.7	5.1	4.8
24	.00	.00	.00	42	29	92	30	33	.00	4.6	5.0	4.8
25	.00	.00	.00	152	31	92	28	34	.00	4.8	4.9	4.8
26	.00	.00	.00	152	29	83	27	32	.08	4.6	4.8	4.7
27	.00	.00	.00	67	27	93	27	31	.00	4.7	4.8	4.7
28	.00	.00	.00	79	27	113	30	30	.00	4.7	4.8	4.7
29	.00	.00	.00	127	---	102	100	29	.02	4.6	4.8	4.7
30	.00	.00	.00	150	---	81	775	18	1.2	4.6	4.9	4.7
31	.00	---	.00	322	---	66	---	15	---	4.5	4.9	---
TOTAL	0.00	0.00	0.00	5175.60	2703	4925	1979	3296	136.82	149.3	150.2	143.1
MEAN	.000	.000	.000	167	96.5	159	66.0	106	4.56	4.82	4.85	4.77
MAX	.00	.00	.00	1790	692	920	775	1290	17	5.7	5.1	5.0
MIN	.00	.00	.00	.00	27	27	27	15	.00	4.1	4.7	4.6
AC-FT	.00	.00	.00	10270	5360	9770	3930	6540	271	296	298	284

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 1995, BY WATER YEAR (WY)

MEAN	.43	.58	3.23	27.7	24.1	53.1	15.6	16.5	1.48	.70	.93	.70
MAX	1.71	2.50	8.52	167	96.5	162	66.0	106	4.56	4.82	4.85	4.77
(WY)	1994	1990	1994	1995	1995	1993	1995	1995	1995	1995	1995	1995
MIN	.000	.000	.000	1.35	3.96	2.95	1.32	.005	.000	.000	.000	.000
(WY)	1991	1991	1995	1993	1992	1992	1990	1994	1990	1991	1989	1989

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1989 - 1995	
ANNUAL TOTAL	1097.54		18658.02			
ANNUAL MEAN	3.01		51.1		13.0	
HIGHEST ANNUAL MEAN					51.1	1995
LOWEST ANNUAL MEAN					1.41	1992
HIGHEST DAILY MEAN	28	Apr 16	1790	Jan 14	1790	Jan 14 1995
LOWEST DAILY MEAN	.00	May 2	.00	Oct 1	.00	Jul 6 1989
ANNUAL SEVEN-DAY MINIMUM	.00	May 2	.00	Oct 1	.00	Jul 6 1989
INSTANTANEOUS PEAK FLOW			4320	Mar 9	4320	Mar 9 1995
INSTANTANEOUS PEAK STAGE			8.43	Mar 9	8.43	Mar 9 1995
ANNUAL RUNOFF (AC-FT)	2180		37010		9420	
10 PERCENT EXCEEDS	9.4		92		17	
50 PERCENT EXCEEDS	.00		4.9		1.0	
90 PERCENT EXCEEDS	.00		.00		.00	

e Estimated

SALMON FALLS CREEK BASIN

13105000 SALMON FALLS CREEK NEAR SAN JACINTO, NV

LOCATION.--Lat 41°56'40", long 114°41'15", in NE ¼SW ¼ sec.23, T.47 N., R.64 E., Elko County, Hydrologic Unit 17040213, on right bank in canyon, 630 ft downstream from bridge on U.S. Highway 93, 550 ft downstream from Shoshone Creek, and 5 mi north of San Jacinto.

DRAINAGE AREA.--1,450 mi^2, approximately. Mean elevation, 6,350 ft.

PERIOD OF RECORD.--September 1909 to June 1910 (gage heights only), June 1910 to September 1916, October 1918 to current year. Monthly discharge only for some periods published in WSP 1317. Prior to October 1910, published as "Salmon Falls River".

REVISED RECORDS.--WSP 1934: 1943(M).

GAGE.--Water-stage recorder. Elevation of gage is 5,120 ft above sea level, by barometer. Prior to June 6, 1910, nonrecording gage at nearby site at different datum. June 6, 1910 to September 30, 1916, October 1, 1918 to August 28, 1964, water-stage recorder at site 35 ft upstream at same datum.

REMARKS.--Records good except for estimated daily discharges, which are fair. Diversions above station for irrigation of about 18,200 acres (1966 determination). Salmon Dam of Salmon River Canal Co. is 15 mi downstream.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e50	42	58	36	841	203	187	347	519	275	49	19
2	e45	44	59	37	343	193	181	368	546	257	51	20
3	e40	44	58	44	207	186	178	410	656	258	50	20
4	e40	41	56	47	175	190	169	426	792	249	47	22
5	e40	47	55	50	161	175	177	455	815	235	47	25
6	e45	50	55	51	e160	146	199	506	868	199	44	28
7	e50	52	52	52	e150	140	225	597	828	180	38	33
8	e50	51	45	55	e130	128	256	745	778	180	36	32
9	e45	48	38	61	e130	128	272	778	887	158	34	35
10	e45	49	42	71	e120	139	276	775	871	144	30	33
11	e45	49	45	82	e110	204	257	787	838	156	27	29
12	e45	49	56	70	e110	415	244	e780	773	169	27	29
13	e45	49	52	111	e110	379	230	e780	721	143	26	32
14	e45	45	47	202	e100	332	229	e720	703	132	24	32
15	e50	45	51	147	e90	295	237	e720	700	115	23	29
16	e50	48	53	91	e80	298	241	e720	692	105	23	31
17	e50	45	54	79	e90	285	236	e710	642	100	22	32
18	e50	39	53	75	e110	265	227	e720	580	91	22	35
19	e45	39	50	73	e100	268	219	e720	575	87	22	35
20	e45	50	49	71	e110	279	220	e720	536	84	21	37
21	e40	47	47	70	e120	306	228	e760	480	87	23	36
22	e40	37	47	65	e130	376	224	e780	455	89	29	34
23	e40	39	56	66	141	352	223	e780	409	86	34	30
24	e40	47	54	69	158	341	222	e700	349	87	36	31
25	e40	52	53	68	183	293	222	e660	312	82	33	31
26	e40	51	53	71	201	265	231	664	299	74	30	31
27	42	45	53	72	208	247	235	566	301	71	29	32
28	42	46	53	71	215	232	244	508	327	63	27	33
29	42	49	53	70	---	214	269	474	317	57	23	42
30	42	56	42	70	---	201	333	461	295	52	22	48
31	42	---	41	462	---	191	---	474	---	50	21	---
TOTAL	1370	1395	1580	2659	4783	7666	6891	19611	17864	4115	970	936
MEAN	44.2	46.5	51.0	85.8	171	247	230	633	595	133	31.3	31.2
MAX	50	56	59	462	841	415	333	787	887	275	51	48
MIN	40	37	38	36	80	128	169	347	295	50	21	19
AC-FT	2720	2770	3130	5270	9490	15210	13670	38900	35430	8160	1920	1860

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1910 - 1995, BY WATER YEAR (WY)

MEAN	49.1	58.4	58.6	68.0	98.4	162	347	458	275	63.8	28.0	32.4
MAX	92.0	105	130	201	377	588	865	2033	1209	344	127	77.6
(WY)	1985	1985	1965	1971	1943	1972	1942	1984	1984	1984	1984	1984
MIN	18.1	34.6	36.9	38.0	44.4	55.5	77.4	52.0	23.0	12.5	8.16	9.79
(WY)	1916	1916	1932	1955	1955	1955	1934	1934	1992	1931	1940	1947

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1910 - 1995	
ANNUAL TOTAL	24739.7		69840			
ANNUAL MEAN	67.8		191		141	
HIGHEST ANNUAL MEAN					439	1984
LOWEST ANNUAL MEAN					45.4	1934
HIGHEST DAILY MEAN	317	Feb 26	887	Jun 9	3620	May 16 1984
LOWEST DAILY MEAN	7.9	Aug 21	19	Sep 1	3.2	Sep 4 1961
ANNUAL SEVEN-DAY MINIMUM	9.7	Aug 10	21	Aug 29	5.7	Sep 1 1961
INSTANTANEOUS PEAK FLOW			1650	Feb 1	3860	May 16 1984
INSTANTANEOUS PEAK STAGE			10.22	Feb 1	14.27	May 16 1984
INSTANTANEOUS LOW FLOW					[a] 2.6	Sep 4 1961
ANNUAL RUNOFF (AC-FT)	49110		138500		102400	
10 PERCENT EXCEEDS	150		587		394	
50 PERCENT EXCEEDS	50		75		62	
90 PERCENT EXCEEDS	15		32		25	

a Gage height, 3.37 ft.
e Estimated

BRUNEAU RIVER BASIN

13161500 BRUNEAU RIVER AT ROWLAND, NV

LOCATION.--Lat 41°56'00", long 115°40'25", in NW $^1/_4$ SE $^1/_4$ sec.29, T.47 N., R.56 E., Elko County, Hydrologic Unit 17050102, Humboldt National Forest, on left bank, 2 mi upstream from McDonald Creek, and 0.5 mi south of Rowland.

DRAINAGE AREA.--382 mi^2.

PERIOD OF RECORD.--June 1913 to September 1918 (published as "near Rowland"), water years 1962-66 (annual maximum), October 1966 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,500 ft above sea level, from topographic map. June 1913 to September 1918, nonrecording gage at different site and datum. October 1961 to September 1966, crest-stage gage at site 3 mi upstream at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	12	18	29	124	128	113	228	370	182	e35	11
2	11	13	18	27	145	118	112	269	389	176	e34	11
3	9.5	12	e17	27	117	124	111	270	625	170	e33	13
4	10	11	e17	34	121	125	129	266	726	159	e32	20
5	13	14	e16	36	110	110	156	289	556	147	e30	16
6	12	17	e15	36	103	97	177	337	481	137	e29	14
7	11	17	e14	31	99	93	185	473	391	130	e28	13
8	10	14	e13	28	96	96	199	460	396	124	e28	13
9	9.8	14	e13	25	84	94	182	412	412	122	e27	13
10	9.2	14	e14	28	80	132	167	446	361	115	e27	13
11	9.4	14	e16	31	83	280	156	517	339	115	e26	13
12	9.8	14	e17	27	76	263	152	615	333	106	e25	13
13	11	14	e16	34	69	222	169	531	343	100	e25	12
14	12	12	e15	43	65	220	185	482	343	95	e25	12
15	16	12	e19	44	49	261	181	454	338	89	e25	12
16	13	16	25	39	57	246	171	445	327	83	e24	12
17	12	15	23	35	58	220	161	430	311	77	e23	12
18	12	e15	20	33	59	222	153	445	298	73	e23	13
19	12	e15	18	31	57	227	146	453	286	73	e22	13
20	12	19	e18	27	60	215	142	455	265	68	e21	12
21	12	17	e18	32	72	266	147	455	251	67	e20	13
22	11	12	18	24	85	231	152	456	236	62	e20	13
23	11	25	21	31	100	208	147	484	222	63	e19	14
24	11	22	21	29	115	182	147	441	214	e58	e19	14
25	11	19	21	28	136	166	153	413	214	e53	e18	14
26	11	19	21	30	147	152	154	384	218	e50	e17	13
27	11	19	21	29	140	140	163	355	225	e45	e16	14
28	11	25	22	26	131	131	176	341	221	e42	e14	14
29	12	23	20	29	---	122	201	338	207	e39	e13	14
30	11	23	e18	29	---	115	225	340	191	e37	12	15
31	11	---	22	57	---	112	---	355	---	e36	12	---
TOTAL	352.7	488	565	989	2638	5318	4812	12639	10089	2893	722	399
MEAN	11.4	16.3	18.2	31.9	94.2	172	160	408	336	93.3	23.3	13.3
MAX	16	25	25	57	147	280	225	615	726	182	35	20
MIN	9.2	11	13	24	49	93	111	228	191	36	12	11
AC-FT	700	968	1120	1960	5230	10550	9540	25070	20010	5740	1430	791

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1913 - 1995, BY WATER YEAR (WY)

MEAN	22.3	28.2	28.6	38.9	57.3	162	320	387	213	54.6	17.6	15.1
MAX	52.2	58.5	56.3	137	276	608	666	1256	744	257	86.5	39.8
(WY)	1985	1985	1976	1971	1986	1972	1914	1984	1984	1984	1984	1984
MIN	7.78	13.0	11.9	12.0	22.4	37.4	55.0	50.4	14.7	5.60	3.60	3.87
(WY)	1993	1968	1993	1992	1988	1981	1968	1992	1992	1992	1981	1981

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1913 - 1995	
ANNUAL TOTAL	15001.0		41904.7			
ANNUAL MEAN	41.1		115		112	
HIGHEST ANNUAL MEAN					290	1984
LOWEST ANNUAL MEAN					24.2	1992
HIGHEST DAILY MEAN	297	May 7	726	Jun 4	2070	May 14 1984
LOWEST DAILY MEAN	5.0	Sep 9	9.2	Oct 10	2.5	Sep 18 1981
ANNUAL SEVEN-DAY MINIMUM	5.2	Aug 25	10	Oct 7	2.8	Sep 14 1981
INSTANTANEOUS PEAK FLOW			852	Jun 3	2140	May 14 1984
INSTANTANEOUS PEAK STAGE			6.80	Jun 3	12.01	May 14 1984
ANNUAL RUNOFF (AC-FT)	29750		83120		81130	
10 PERCENT EXCEEDS	111		339		335	
50 PERCENT EXCEEDS	19		39		36	
90 PERCENT EXCEEDS	6.2		12		11	

e Estimated

OWYHEE RIVER BASIN

13174000 WILD HORSE RESERVOIR NEAR GOLD CREEK, NV

LOCATION.--Lat 41°41'15", long 115°50'37", in NE $^1/_4$ NW $^1/_4$ sec.25, T.44 N., R.54 E., Elko County, Hydrologic Unit 17050104, in Humboldt National Forest, at Wild Horse Dam on Owyhee River, 8 mi west of Gold Creek, and 13 mi southeast of Mountain City.

DRAINAGE AREA.--209 mi^2.

PERIOD OF RECORD.--March 1938 to current year. Monthend contents for some periods, published in WSP 1317.

REVISED RECORDS.--NV-WDR-80:

GAGE.--Water-stage recorder. Datum of gage is above sea level (levels by Bureau of Indian Affairs).

REMARKS.--Reservoir is formed by concrete-arch dam; storage began March 18, 1938. New dam completed in June 1969, capacity, 71,500 acre-ft between elevations 6,138.50 ft, sill of outlet gate, and 6,205 ft spillway crest. No dead storage. Water is used for irrigation on Duck Valley project.

EXTREMES FOR CURRENT YEAR.--Maximum contents recorded, 50,800 acre-ft, July 3, elevation, 6,197.38 ft; minimum recorded, 17,780 acre-ft, January 1, elevation, 6,179.50 ft.

Capacity table, (elevation, in feet, and contents, in acre-feet)

6,178	16,190	6,186	27,630	6,194	43,010
6,180	18,670	6,188	31,110	6,196	47,520
6,182	21,400	6,190	34,820	6,198	52,310
6,184	24,390	6,192	38,780		

MONTHEND ELEVATION, IN FEET ABOVE SEA LEVEL, AND TOTAL CONTENTS AT 2400, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

Date	Elevation (feet)	Contents (acre-feet)	Change in Contents (acre-feet)
September 30	6,180.10	18,800	--
October 31	6,179.60	18,160	-640
November 30	6,179.41	17,920	-240
December 31	6,179.33	17,810	-110
CALENDAR YEAR 1994	--	--	-15,520
January 31	6,179.82	18,440	+630
February 28	6,181.51	20,720	+2,280
March 31	6,186.71	28,850	+8,130
April 30	6,189.50	33,870	+5,020
May 31	6,195.50	46,370	+12,500
June 30	6,197.34	50,700	+4,330
July 31	6,196.23	48,060	-2,640
August 31	6,193.32	41,550	-6,510
September 30	6,191.76	38,290	-3,260
WATER YEAR 1995	--	--	+19,490

OWYHEE RIVER BASIN

13174500 OWYHEE RIVER NEAR GOLD CREEK, NV

LOCATION.--Lat 41°41'20", long 115°50'38", in NE $^1/_4$ NW $^1/_4$ sec.25, T.44 N., R.54 E., Elko County, Hydrologic Unit 17050104, in Humboldt National Forest, on left bank, 500 ft downstream from Wild Horse Dam, 0.1 mi upstream from Beaver Creek, 8 mi west of Gold Creek, and 12 mi southeast of Mountain City.

DRAINAGE AREA.--209 mi^2.

PERIOD OF RECORD.--April to October 1916, April 1917 to September 1925, October 1936 to current year.

REVISED RECORDS.--WSP 1317: 1939-42 (M).

GAGE.--Water-stage recorder. Datum of gage is 6,118.75 ft, Bureau of Reclamation datum. Prior to October 1, 1936, at site 0.3 mi upstream at different datum. November 17, 1936, to October 18, 1967, at site 0.1 mi upstream at different datum. October 19, 1967, to September 30, 1971, temporary gage, 250 ft downstream at different datum, while new dam was being constructed 300 ft downstream from old dam.

REMARKS.--Records fair. Small diversions for irrigation above station. Flow regulated by Wild Horse Reservoir (station 13174000), capacity, 71,660 acre-ft, 0.1 mi upstream beginning March 18, 1938. No flow has occurred some years during period of record when reservoir gates were closed.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.2	10	10	3.7	e1.5	e.05	e.05	e.05	e.05	3.0	26	e90
2	4.1	11	10	3.5	e.05	e.05	e.05	e.05	e.05	3.0	37	e90
3	4.1	11	10	3.5	e.05	e.05	e.05	e.05	e.05	3.0	36	e90
4	4.0	10	10	3.5	e.05	e.05	e.05	e.05	e.05	3.0	40	e90
5	4.0	10	10	3.6	e.05	e.05	e.05	e.05	e.05	11	52	e90
6	4.1	10	10	3.8	e.05	e.05	e.05	e.05	e.05	35	57	e50
7	4.1	10	10	3.7	e.05	e.05	e.05	e.05	e.05	36	67	e24
8	4.1	10	10	3.7	e.05	e.05	e.05	e.05	e.05	36	75	e24
9	4.1	10	10	3.7	e.05	e.05	e.05	e.05	e.05	35	76	e24
10	4.0	10	10	3.0	e.05	e.05	e.05	e.05	e.05	45	90	e24
11	3.9	10	11	2.6	e.05	e.05	e.05	e.05	e.05	57	e90	e24
12	8.0	10	11	2.6	e.05	e.05	e.05	e.05	e.05	57	e90	e24
13	11	11	11	2.6	e.05	e.05	e.05	e.05	e.05	58	e90	e24
14	11	11	11	2.6	e.05	e.05	e.05	e.05	e.05	57	e90	24
15	11	11	9.0	2.6	e.05	e.05	e.05	e.05	e.05	57	e90	24
16	10	11	7.3	2.6	e.05	e.05	e.05	e.05	e.05	57	e90	24
17	10	11	7.3	2.6	e.05	e.05	e.05	e.05	e.05	57	e90	24
18	11	11	7.3	2.7	e.05	e.05	e.05	e.05	e.05	57	e90	24
19	11	11	7.0	2.7	e.05	e.05	e.05	e.05	e.05	54	e90	23
20	11	11	7.0	2.9	e.05	e.05	e.05	e.05	e.05	52	e90	25
21	11	11	7.3	3.0	e.05	e.05	e.05	e.05	e.05	52	e90	27
22	11	11	7.3	3.0	e.05	e.05	e.05	e.05	e.05	52	e90	26
23	11	11	7.3	3.0	e.05	e.05	e.05	e.05	e.05	51	e90	26
24	11	10	7.3	3.0	e.05	e.05	e.05	e.05	e.05	40	e90	26
25	11	10	7.2	3.0	e.05	e.05	e.05	e.05	e.05	25	e90	26
26	11	9.8	7.0	3.0	e.05	e.05	e.05	e.05	e.05	25	e90	26
27	10	9.8	5.5	3.0	e.05	e.05	e.05	e.05	e.05	16	e90	26
28	10	9.9	3.5	3.0	e.05	e.05	e.05	e.05	e1.0	6.4	e90	26
29	11	9.3	3.5	3.0	---	e.05	e.05	e.05	2.9	6.6	e90	26
30	11	8.7	3.5	3.0	---	e.05	e.05	e.05	3.0	7.0	e90	26
31	10	---	3.5	3.0	---	e.05	---	e.05	---	13	e90	---
TOTAL	256.7	310.5	251.8	95.2	2.85	1.55	1.50	1.55	8.25	1067.0	2446	1097
MEAN	8.28	10.3	8.12	3.07	.10	.050	.050	.050	.27	34.4	78.9	36.6
MAX	11	11	11	3.8	1.5	.05	.05	.05	3.0	58	90	90
MIN	3.9	8.7	3.5	2.6	.05	.05	.05	.05	.05	3.0	26	23
AC-FT	509	616	499	189	5.7	3.1	3.0	3.1	16	2120	4850	2180

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1916 - 1995, BY WATER YEAR (WY)

MEAN	11.7	4.25	3.41	4.36	7.62	14.2	89.4	128	87.0	77.2	69.0	34.2
MAX	73.0	15.3	46.9	45.7	146	130	549	794	321	404	164	104
(WY)	1976	1953	1976	1984	1972	1984	1943	1984	1984	1964	1985	1965
MIN	.000	.000	.000	.000	.000	.000	.000	.000	.27	1.54	1.00	1.50
(WY)	1939	1939	1939	1939	1939	1940	1939	1941	1995	1992	1918	1937

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1916 - 1995	
ANNUAL TOTAL	10415.5		5539.90			
ANNUAL MEAN	28.5		15.2		43.7	
HIGHEST ANNUAL MEAN					161	1984
LOWEST ANNUAL MEAN					9.95	1992
HIGHEST DAILY MEAN	136	Jul 2	90	Aug 10	1470	May 5 1922
LOWEST DAILY MEAN	1.1	Sep 18	.05	Feb 2	.00	Mar 19 1938
ANNUAL SEVEN-DAY MINIMUM	2.1	Sep 17	.05	Feb 2	.00	Mar 19 1938
INSTANTANEOUS PEAK FLOW			100	Aug 10	1810	May 5 1922
INSTANTANEOUS PEAK STAGE			1.59	Aug 10	10.11	May 5 1922
ANNUAL RUNOFF (AC-FT)	20660		10990		31670	
10 PERCENT EXCEEDS	89		57		128	
50 PERCENT EXCEEDS	7.3		3.5		6.0	
90 PERCENT EXCEEDS	2.6		.05		.00	

e Estimated

OWYHEE RIVER BASIN

13175100 OWYHEE RIVER NEAR MOUNTAIN CITY, NV

LOCATION.--Lat 41°51'38", long 115°59'18", in SE $^1/_4$ NW $^1/_4$ sec.26, T.46 N., R.53 E., Elko County, Hydrologic Unit 17050104, on left bank, 2.1 mi northwest of Mountain City.

DRAINAGE AREA.--391 mi^2.

PERIOD OF RECORD.--April 1991 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,560 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	22	e35	e30	302	106	101	246	246	67	27	100
2	9.4	23	e35	e30	315	99	102	351	267	70	44	101
3	8.5	23	e35	e30	202	121	97	392	323	66	39	102
4	8.1	25	e36	e30	154	113	104	355	292	59	40	103
5	8.0	29	e36	e35	128	97	122	606	261	57	45	103
6	8.5	30	e34	e40	116	87	133	621	259	65	58	101
7	9.3	31	e31	e40	106	80	149	834	231	72	57	102
8	10	28	e28	e40	109	84	167	756	246	72	66	87
9	11	27	e27	e40	95	85	165	625	248	78	71	68
10	11	28	e27	e40	89	129	153	560	190	77	75	66
11	11	27	e30	e40	86	221	151	570	164	89	90	63
12	11	26	e34	e40	83	191	145	672	148	83	91	35
13	15	27	e32	e40	76	168	151	552	141	81	91	31
14	22	27	e30	e40	67	177	167	499	140	82	94	30
15	25	30	e30	e40	55	206	159	474	148	81	96	30
16	22	29	e30	e37	78	207	154	453	154	79	95	24
17	20	29	e30	e30	65	188	144	426	143	78	94	26
18	21	e27	e30	e30	68	198	138	423	134	80	89	27
19	22	e27	e30	e30	74	215	131	418	134	82	89	27
20	21	32	e30	e30	74	209	129	412	119	79	85	27
21	21	36	e30	e30	81	268	130	405	114	87	86	35
22	21	e30	e30	e30	87	228	135	397	102	83	95	35
23	21	e32	e30	e30	94	206	134	413	92	90	98	34
24	21	e40	e30	e30	107	182	128	383	85	81	97	34
25	21	49	e30	e30	117	165	133	356	74	58	96	35
26	21	47	e30	e30	119	150	134	323	72	52	98	35
27	21	45	e30	e30	118	134	143	299	75	53	99	34
28	22	44	e30	e30	110	124	161	276	73	36	100	33
29	22	e39	e30	35	---	115	202	262	69	27	100	36
30	21	e37	e30	45	---	106	229	249	66	28	100	36
31	21	---	e30	206	---	104	---	244	---	23	100	---
TOTAL	516.8	946	960	1238	3175	4763	4291	13852	4810	2115	2505	1600
MEAN	16.7	31.5	31.0	39.9	113	154	143	447	160	68.2	80.8	53.3
MAX	25	49	36	206	315	268	229	834	323	90	100	103
MIN	8.0	22	27	30	55	80	97	244	66	23	27	24
AC-FT	1030	1880	1900	2460	6300	9450	8510	27480	9540	4200	4970	3170

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 1995, BY WATER YEAR (WY)

MEAN	14.2	20.6	20.3	23.4	46.6	149	135	227	100	69.4	59.9	26.6
MAX	20.4	31.5	31.0	39.9	113	364	295	447	160	101	84.5	53.3
(WY)	1994	1995	1995	1995	1995	1993	1993	1995	1995	1991	1994	1995
MIN	7.49	14.0	15.8	15.0	18.9	32.9	35.0	62.2	27.2	2.06	2.72	5.07
(WY)	1993	1993	1992	1992	1993	1992	1992	1992	1992	1992	1992	1992

SUMMARY STATISTICS	FOR 1994 CALENDAR YEAR		FOR 1995 WATER YEAR		WATER YEARS 1991 - 1995	
ANNUAL TOTAL	20045.1		40771.8			
ANNUAL MEAN	54.9		112		75.8	
HIGHEST ANNUAL MEAN					117	1993
LOWEST ANNUAL MEAN					21.7	1992
HIGHEST DAILY MEAN	191	May 7	834	May 7	1260	Mar 18 1993
LOWEST DAILY MEAN	5.3	Sep 21	8.0	Oct 5	.42	Aug 4 1992
ANNUAL SEVEN-DAY MINIMUM	5.8	Sep 20	8.8	Oct 1	.72	Jul 29 1992
INSTANTANEOUS PEAK FLOW			897	May 7	1850	Mar 17 1993
INSTANTANEOUS PEAK STAGE			7.56	May 7	9.81	Mar 17 1993
ANNUAL RUNOFF (AC-FT)	39760		80870		54940	
10 PERCENT EXCEEDS	105		253		156	
50 PERCENT EXCEEDS	43		77		35	
90 PERCENT EXCEEDS	15		25		8.9	

e Estimated

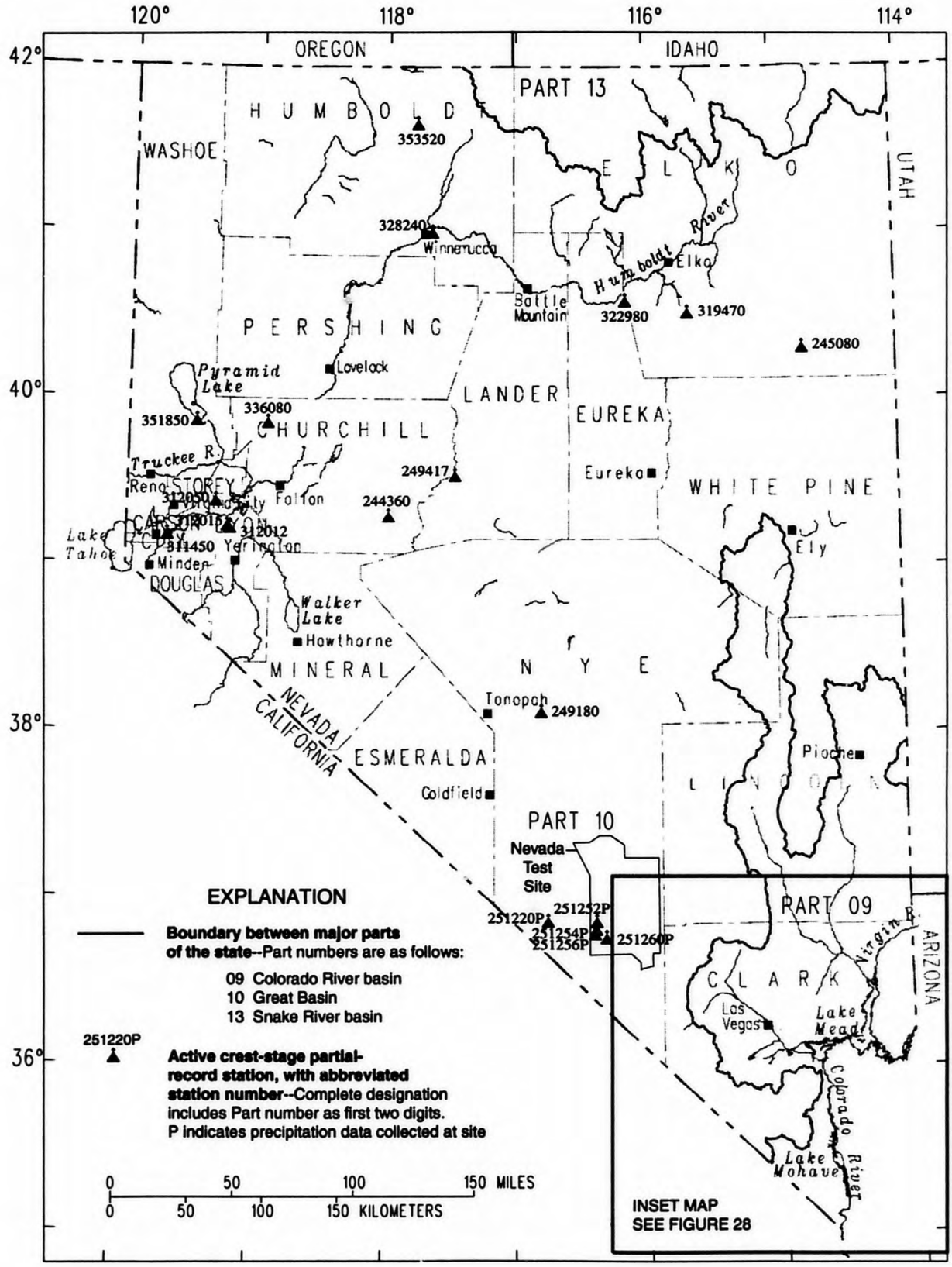
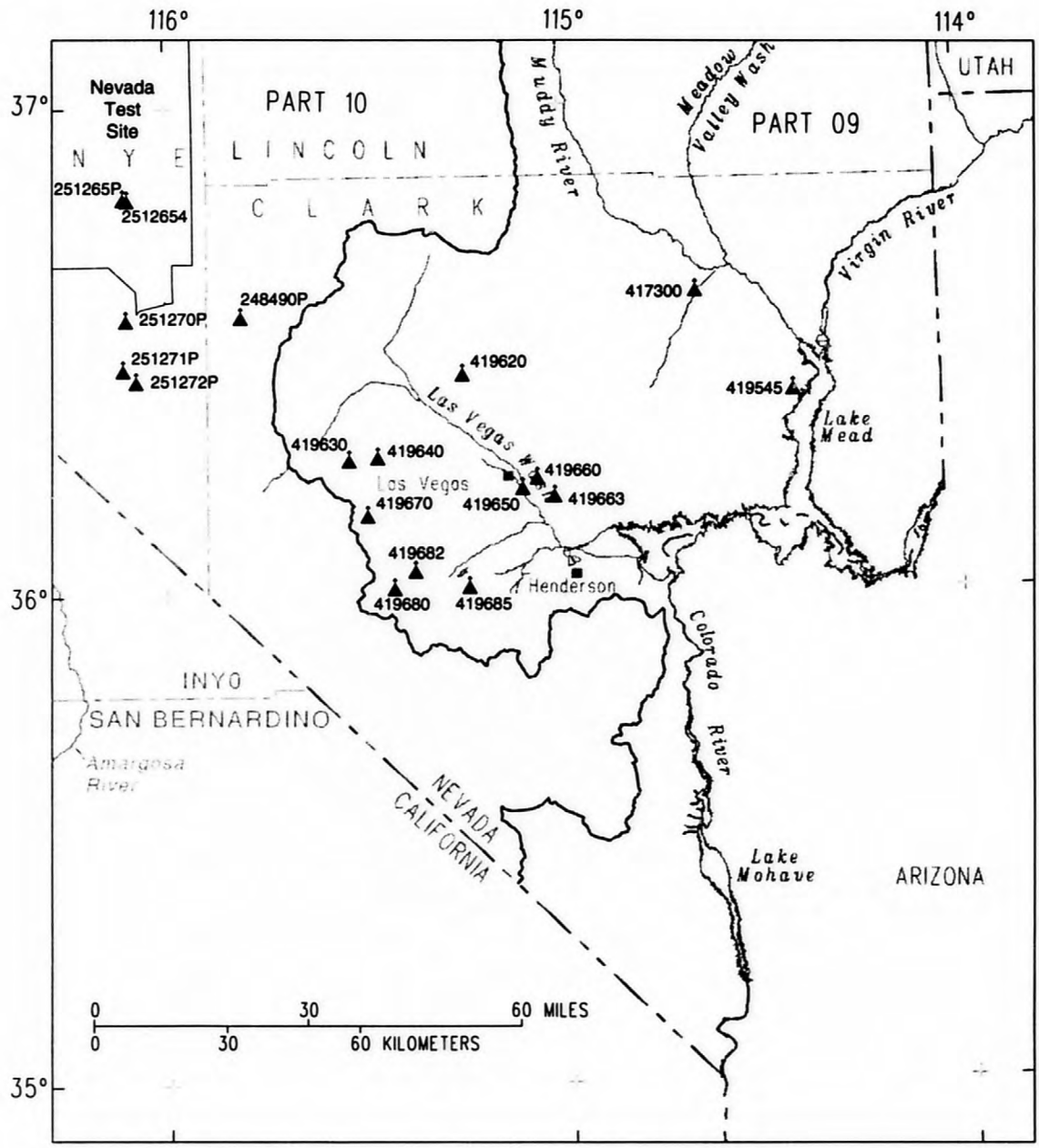


Figure 27. Crest-stage partial-record stations listed in this report.



EXPLANATION

——— **Boundary between major parts of the state**--Part numbers are as follows:

09 Colorado River basin
10 Great Basin

251270P
▲ **Active crest-stage partial- record station, with abbreviated station number**--Complete designation includes Part number as first two digits. P indicates precipitation data collected at site

Figure 28. Crest-stage partial-record stations, southeastern Nevada.

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

CREST-STAGE PARTIAL-RECORD STATIONS

The following table contains annual maximum discharges at crest-stage stations during water year 1995. A crest-stage gage is a device that registers the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharges determined on the basis of current-meter or indirect measurements. The date of maximum discharge, which is usually determined by comparison with data for nearby continuous-record stations, weather records, or by local inquiry, is not published herein. "Period of record" indicates the water years for which the annual maximums have been determined. The following sites are shown in figures 27and 28.

Station Name and Number	Location and Drainage Area	Period of Record (water year)	1995 Measurements			Period of Record Maximum		
			Date	Gage Height (feet)	Discharge (ft^3)	Date	Gage Height (feet)	Discharge (ft^3)
Colorado River Basin								
California Wash near Moapa, NV (09417300)	Lat 36°36'37", long 114°39'37", in $SE^1/_4SE^1/_4$ sec.24, T.15 S., R.65 E., Clark County, Hydrologic Unit 15010012, 1.6 mi northwest of Byron Interchange on Interstate Highway 15.	1987-95	19[illegible]	--	*	6-10-90	35.68	1,400
Valley of Fire Wash near Overton, NV (09419545)	Lat 36°24'18", long 114°25'05", in $SE^1/_4SW^1/_4$ sec.32, T.17 S., R.68 E., Clark County, Hydrologic Unit 15010005, on Northshore Road, 1.1 mi west of Fire Bay.	1984, 1987-95	1-05-95	--	E100	8-16-90	55.65	4,940
Mormon Wells Wash near Las Vegas, NV (09419620)	Lat 36°26'45", long 115°15'10", in $NE^1/_4SW^1/_4$ sec.27, T.17 S., R.60 E., Clark County, Hydrologic Unit 15010015, above Mormon Wells Road crossing, 6 mi east of Corn Creek Springs Headquarters of U.S. Fish and Wildlife Service, and 20 mi north of Las Vegas. Drainage area is 115 mi^2.	1962-95	1995	--	*	8-84	--	480
Telephone Canyon near Charleston Park, NV (09419630)	Lat 36°16'20", long 115°32'30", in $SE^1/_4NW^1/_4$ sec.25, T.19 S., R.57 E., Clark County, Hydrologic Unit 15010015, at culvert on State Highway 157, and 5.8 mi east of Charleston Park. Drainage area is 7.20 mi^2.	1962-95	1995	--	*	12-06-66	7.78	2,500
Kyle Canyon near Charleston Park, NV (09419640)	Lat 36°16'40", long 115°28'10", in $SE^1/_4SW^1/_4$ sec.22, T.19 S., R.58 E., Clark County, Hydrologic Unit 15010015, 650 feet below culvert on State Highway 157, and 10 mi east of Charleston Park. Drainage area is 35.9 mi^2.	1961-95	1-09-95	--	E10	12-06-66	6.00	1,660
Las Vegas Wash at North Las Vegas, NV (09419650)	Lat 36°12'40", long 115°06'20", in $SW^1/_4NE^1/_4$ sec.13, T.20 S., R.61 E., Clark County, Hydrologic Unit 15010015, on right bank, 100 feet upstream from State Highway 604, and 3.5 mi northeast of Fremont Street in Las Vegas. Estimated drainage area is 720 mi^2.	1963-78 1982-95	1-05-95	4.37	600	7-03-75	9.64	12,000
Las Vegas Wash tributary near Nellis Air Force Base, NV (09419660)	Lat 36°11'55", long 115°04'05", in $NW^1/_4NE^1/_4$ sec.8, T.20 S., R.62 E., Clark County, Hydrologic Unit 15010015, at culvert on Alternate State Highway 604, 1.5 mi southwest of Nellis Air Force Base. Drainage area is 18.1 mi^2.	1961-84 1986-95	1-95	--	E20	10-09-72	4.73	618

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

CREST-STAGE PARTIAL-RECORD STATIONS--Continued

Station Name and Number	Location and Drainage Area	Period of Record (water year)	1995 Measurements			Period of Record Maximum		
			Date	Gage Height (feet)	Discharge (ft^3)	Date	Gage Height (feet)	Discharge (ft^3)
Colorado River Basin--Continued								
Las Vegas Wash tributary south of Nellis Air Force Base, NV (09419663)	Lat 36°11'40", long 115°01'30", near section line common to secs. 22 and 23, T.20 S., R.62 E., Clark County, Hydrologic Unit 15010015, 0.1 mile south of Lake Mead Boulevard, and 3.7 mi south of main gate of Nellis Air Force Base. Drainage area is approximately 1.2 mi^2.	1963-81 1983-95	1995	--	*	9-04-63	--	296
Red Rock Wash near Blue Diamond, NV (09419670)	Lat 36°09'30", long 115°29'45", in $NE^1/_4NW^1/_4$ sec.4, T.21 S., R.58 E., Clark County, Hydrologic Unit 15010015, 0.2 mile southeast of Willow Spring, and 9.3 mi northwest of Blue Diamond. Drainage area is 8.09 mi^2.	1962-95	1-26-95	10.30	E110	1-25-69	6.60	7,470
Cottonwood Valley near Blue Diamond, NV (09419680)	Lat 36°00'35", long 115°25'50", in $NE^1/_4NW^1/_4$ sec.25, T.22 S., R.58 E., Clark County, Hydrologic Unit 15010015, at culverts on Cottonwood Valley Road, 3 mi southwest of Blue Diamond. Drainage area is 18.3 mi^2.	1961-95	1995	--	*	1-25-69	8.53	1,100
Oak Creek Wash near Blue Diamond, NV (09419682)	Lat 36°02'41", long 115°22'38", in $SW^1/_4SW^1/_4$ sec.9, T.22 S., R.59 E., Clark County, Hydrologic Unit 15010015, on Blue Diamond Boulevard, 1.4 mi east of Blue Diamond.	1987-95	1-26-95	12.34	280	8-16-90	3.42	820
Bird Spring Wash near Arden, NV (09419685)	Lat 36°00'44", long 115°14'33", in $NW^1/_4NW^1/_4$ sec.26, T.22 S., R.60 E., Clark County, Hydrologic Unit 15010015, 0.5 mile southwest of Arden.	1987-95	1995	--	*	7-16-90	--	18
Central Region								
Dixie Valley tributary near Eastgate, NV (10244360)	Lat 39°17'30", long 117°59'00", in $SE^1/_4$ sec.36, T.17 N., R.35 E., Churchill County, Hydrologic Unit 16060001, at culvert on U.S. Highway 50, and 6 mi west of Eastgate. Drainage area is approximately 11 mi^2.	1961-95	3-95	3.77	E15	8-61	15.00	1,480
Nelson Creek tributary near Currie, NV (10245080)	Lat 40°18'00", long 114°46'20", in $SE^1/_4$ sec.17, T.28 N.,R.64 E., Elko County, Hydrologic Unit 16060008, at culvert on former U.S. Highway 93, and 2.5 mi northwest of Currie. Drainage area is approximately 0.7 mi^2.	1961-78 1980-87 1990-95	6-95	--	E0.1	8-77	5.43	52
Saulsbury Wash near Tonopah, NV (10249180)	Lat 38°07'30", long 116°48'30", in $SE^1/_4SW^1/_4$ sec.10, T.3 N., R.46 E., Nye County, Hydrologic Unit 16060011, at culvert on U.S. Highway 6, and 23 mi east of Tonopah. Drainage area is approximately 56 mi^2.	1962-81 1985, 1987-95	3-11-95	2.09	E2.0	3-27-69	4.56	340

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

CREST-STAGE PARTIAL-RECORD STATIONS--Continued

Station Name and Number	Location and Drainage Area	Period of Record (water year)	1995 Measurements			Period of Record Maximum		
			Date	Gage Height (feet)	Discharge (ft^3)	Date	Gage Height (feet)	Discharge (ft^3)
Smith Creek Valley								
Smith Creek Valley tributary near Austin, NV (10249417)	Lat 39°32'21", long 117°28'26", in $NE^1/_4SE^1/_4$ sec.4, T.19 N., R.40 E., Lander County, Hydrologic Unit 16060002, at culvert on U.S. Highway 50, and 22 mi west of Austin. Drainage area is 0.62 mi^2.	1981-82 1984, 1988, 1993-95	5-07-95	3.07	E3.5	7-84	--	130
Carson River Basin								
Brunswick Canyon near New Empire, NV (10311450)	Lat 39°10'20", long 119°41'10", in $NW^1/_4NE^1/_4$ sec.13, T.15 N., R.20 E., Carson City, Hydrologic Unit 16050202, 0.3 mile upstream from mouth, and 2.5 mi east of New Empire. Drainage area is 12.7 mi^2.	1966-78 1980-95	3-11-95	5.02	245	3-11-95	5.02	245
Adrian Valley tributary near Wabuska, NV (10312012)	Lat 39°12'55", long 119°12'25", in $NE^1/_4SE^1/_4$ sec.31, T.16 N., R.25 E., Lyon County, Hydrologic Unit 16050202, at culvert on Alternate U.S. Highway 95, 4.8 mi northwest of Wabuska. Drainage area is 5.75 mi^2.	1968-81 1987-95	1995	--	*	7-90	10.28	320
Adrian Valley tributary near Weeks, NV (10312015)	Lat 39°13'45", long 119°13'40", in $NW^1/_4NW^1/_4$ sec.30, T.16 N., R.25 E., Lyon County, Hydrologic Unit 16050202, at abandoned culvert on former Alternate U.S. Highway 95, 4.6 mi southeast of Weeks. Drainage area is 0.12 mi^2.	1968-81 1987-95	1995	5.25	E0.5	5-10-87	--	8.0
Lahontan Reservoir tributary near Silver Springs, NV (10312050)	Lat 39°22'40", long 119°19'00", in $SE^1/_4SW^1/_4$ sec.32, T.18 N., R.24 E., Lyon County, Hydrologic Unit 16050202, at culvert on private road, 0.3 mile south of U.S. Highway 50, and 5.5 mi southwest of Silver Springs. Drainage area is 4.39 mi^2.	1962-78 1981-95	1995	--	*	8-05-74	--	920
Humboldt River Basin								
Willow Creek tributary near Jiggs, NV (10319470)	Lat 40°30'47", long 115°39'42", in $SW^1/_4NW^1/_4$ sec.3, T.30 N., R.56 E., Elko County, Hydrologic Unit 16040103, at culvert on State Highway 228, and 6 mi north of Jiggs. Drainage area is 0.82 mi^2.	1962-78 1982-95	6-03-95	--	E0.05	3-83	--	15
Cole Creek near Palisade, NV (10322980)	Lat 40°35'05", long 116°08'55", in $SE^1/_4NE^1/_4$ sec.7, T.31 N., R.52 E., Eureka County, Hydrologic Unit 16040104, at culvert on State Highway 278, 3.2 mi southeast of Palisade. Drainage area is 11.4 mi^2.	1962-83 1985-95	5-95	2.58	E6	6-83	3.80	1,090
Humboldt River tributary near Bliss, NV (10328240)	Lat 40°59'55", long 117°39'30", in $SE^1/_4NE^1/_4$ sec.14, T.36 N., R.38 E., Humboldt County, Hydrologic Unit 16040108, at culvert on Interstate Highway 80, 5 mi northeast of Winnemucca. Drainage area is approximately 1.90 mi^2.	1968-78 1980-95	1-95	4.49	E14	7-18-73	5.96	113

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

CREST-STAGE PARTIAL-RECORD STATIONS--Continued

Station Name and Number	Location and Drainage Area	Period of Record (water year)	1995 Measurements			Period of Record Maximum		
			Date	Gage Height (feet)	Discharge (ft^3)	Date	Gage Height (feet)	Discharge (ft^3)
Humboldt River Basin--Continued								
Humboldt Slough tributary near Bradys Hot Springs, NV (10336080)	Lat 39°51'05", long 118°55'40", in $NE^1/_4NE^1/_4$ sec.22, T.23 N., R.27 E., Churchill County, Hydrologic Unit 16040108, at culvert on Interstate Highway 80 and Alternate U.S. Highway 95, 6.5 mi northeast of Bradys Hot Springs. Drainage area is 11.0 mi^2.	1962-81 1984-85 1987-95	1995	--	*	8-84	10.29	710
Pyramid and Winnemucca Lakes Basin								
Pyramid Lake tributary near Nixon, NV (10351850)	Lat 39°51'30", long 119°28'32", in $SW^1/_4SE^1/_4$ sec.14, T.23 N., R.22 E., Washoe County, Hydrologic Unit 16050103, at bridge on former Southern Pacific Railroad right-of-way, 6.5 mi west of Nixon. Drainage area is 1.94 mi^2.	1968-79 1981-90 1992-95	1-10-95	--	260	2-19-86	3.87	950
Black Rock Desert Basin								
Eagle Creek near Orovada, NV (10353520)	Lat 41°39'05", long 117°46'40", in $SW^1/_4NE^1/_4$ sec.35, T.44 N., R.37 E., Humboldt County, Hydrologic Unit 16040201, at culvert on U.S. Highway 95, 5.6 mi north of Orovada. Drainage area is 3.44 mi^2.	1962-78 1981-95	1995	1-95	E0.1	6.84	6.26	10

E Estimated.

* No evidence of any flow during the water year.

MISCELLANEOUS SITES

The following table contains discharge data for the sites that were measured during the water year.

Station name and number	Tributary to	Location and drainage area	Period of record (water years)	Measurements	
				Date	Discharge (ft^3/s)
		Colorado River Basin			
Virgin River above Lake Mead near Overton, NV (09415250)	Colorado River	Lat 36°30'58", long 114°20'03", in SW¼NE¼ sec.25, T.16 S., R.24 E., Clark County, Hydrologic Unit 15010010, near mouth of Virgin River, about 6 mi southeast of Overton.	1995	12-09-94	237
				12-20-94	233
				1-10-95	245
				2-06-95	210
				3-01-95	268
		Walker Lake Basin			
Buckeye Creek near Bridgeport, CA (10291500)	East Walker River	Lat 38°14'20", long 119°19'30", in NE¼NE¼ sec.4, T.4 N., R.24 E., Mono County, Hydrologic Unit 16050301, at Buckeye Hot Springs, 0.6 mi downstream from Eagle Creek, and 5.5 mi southwest of Bridgeport.	1911-14, 1954-79+, 1995	7-28-95	316
				8-30-95	110
				9-25-95	60
By Day Creek near Bridgeport, CA (10291750)	Buckeye Creek	Lat 38°16'08", long 119°18'10", in NW¼NW¼ sec.26, T.5 N., R.24 E., Mono County, Hydrologic Unit 16050301, about 1 mi southwest of Bridgeport Ranger Station, and about 4 mi northwest of Bridgeport.	1995	7-27-95	2.0
				8-29-95	.78
				9-25-95	.69
Murphy Creek above East Walker River near Bridgeport, CA (10293015)	East Walker River	Lat 38°22'19", long 119°11'50", in NW¼SE¼ sec.14, T.6 N., R.25 E., Mono County, Hydrologic Unit 16050301, 3.5 mi north of Bridgeport Reservoir Dam, and about 8 mi north of Bridgeport.	1995	7-27-95	7.5
				8-29-95	2.9
				9-26-95	1.9
Little Walker River near Bridgeport, CA (10295500)	West Walker River	Lat 38°21'39", long 119°26'38", in NW¼NW¼ sec.22, T.6 N., R.23 E., Mono County, Hydrologic Unit 16050201, 0.8 mi north of Sonora Junction, 1.5 mi upstream from mouth, and 14 mi northwest of Bridgeport.	1910, 1945-86+, 1995	7-28-95	217
				8-30-95	74
				9-25-95	45
		Carson River Basin			
Cottonwood Slough at State Highway 88 near Minden, NV (1030909020)	Carson River	Lat 38°57'08", long 119°46'42", in NE¼NW¼ sec.31, T.13 N., R.20 E., Douglas County, Hydrologic Unit 16050201, at State Highway 88, 0.7 mi south of U.S. Highway 395, and 0.6 mi west of Minden.	1994-96	4-03-95	4.5
				4-18-95	2.8
				5-17-95	4.4
				5-31-95	10
				6-21-95	16
				6-29-95	24
				7-07-95	9.3
				7-20-95	9.9
				8-03-95	7.1
				8-25-95	10
				9-07-95	7.8
				9-28-95	1.2
				10-11-95	11

MISCELLANEOUS SITES--Continued

Station name and number	Tributary to	Location and drainage area	Period of record (water years)	Measurements	
				Date	Discharge (ft^3/s)
Carson River Basin--Continued					
Martin Slough at U.S. Highway 395 near Minden, NV (1030909042)	Carson River	Lat 38°58'01", long 119°46'42", in NE¼NW¼ sec.30, T.13 N., R.20 E., Douglas County, Hydrologic Unit 16050201, at U.S. Highway 395, 0.3 mi north of State Highway 88, and 1.1 mi northwest of Minden.	1994-96	4-03-95	2.6
				4-18-95	2.1
				5-17-95	11
				5-31-95	5.9
				6-20-95	11
				7-20-95	7.6
				8-03-95	5.9
				8-24-95	4.9
				9-07-95	12
				9-28-95	3.8
				10-11-95	1.8
Middle Ditch at Muller Lane near Minden, NV (1030909046)	Carson River	Lat 38°58'15", long 119°47'41", in SW¼SE¼ sec.24, T.13 N. R.19 E., Douglas County, Hydrologic Unit 16050201, at Muller Lane, 0.9 mi west of U.S. Highway 395, and 1.9 mi northwest of Minden.	1994-95	5-15-95	4.5
				5-26-95	.45
				6-19-95	5.6
				8-01-95	8.4
				8-23-95	5.6
				9-06-95	3.8
East Ditch at Muller Lane near Minden, NV (1030909048)	Carson River	Lat 38°58'14", long 119°47'45", in SE¼SE¼ sec.24, T.13 N., R.19 E., Douglas County, Hydrologic Unit 16050201, at Muller Lane, 0.5 mi west of U.S. Highway 395, and 1.6 mi northwest of Minden.	1994-96	4-03-95	.04
				4-18-95	.04
				5-15-95	1.0
				5-26-95	.82
				6-19-95	9.0
				7-06-95	7.5
				7-19-95	5.3
				8-01-95	7.8
				8-23-95	8.7
				9-06-95	5.7
				9-28-95	4.1
				10-11-95	2.5
Martin Slough-Heyburn Ditch Return at U.S. Highway 395 near Minden, NV (1030909055)	Carson River	Lat 38°58'07", long 119°46'40", in NW¼NE¼ sec.30, T.13 N., R.20 E., Douglas County, Hydrologic Unit 16050201, at U.S. Highway 395, 0.5 mi north of State Highway 88, and 1.2 mi northwest of Minden.	1994-96	4-05-95	1.8
				4-18-95	2.8
				5-18-95	4.5
				5-31-95	9.8
				6-21-95	.91
				7-07-95	12
				7-21-95	8.7
				8-03-95	5.9
				8-25-95	3.5
				9-07-95	1.6
				9-29-95	3.2
				10-11-95	1.2
Heyburn Ditch Return at Slash Bar H Ranch Road and U.S. Highway 395 near Minden, NV (1030909060)	Carson River	Lat 38°58'34", long 119°46'41", in SW¼NE¼ sec.19, T.13 N., R.20 E., Douglas County, Hydrologic Unit 16050201, at U.S. Highway 395 and Slash Bar H Ranch Road, 0.9 mi north of State Highway 88, and 1.6 mi northwest of Minden.	1994-95	4-05-95	1.2
				4-18-95	1.1
				5-18-95	2.5
				5-31-95	3.7
				6-21-95	12
				7-21-95	11
				8-03-95	.24
				8-25-95	.74
				9-07-95	2.9
				9-29-95	2.3
Heyburn Ditch Return at U.S. Highway 395 near Minden, NV (1030909065)	Carson River	Lat 38°58'59", long 119°46'43", in NE¼NW¼ sec.19, T.13 N., R.20 E., Douglas County, Hydrologic Unit 16050201, at U.S. Highway 395, 1.2 mi north of State Highway 88, and 1.9 mi northwest of Minden.	1994-95	5-25-95	.48
				6-29-95	2.5
				7-20-95	2.1
				8-25-95	.48

MISCELLANEOUS SITES--Continued

Station name and number	Tributary to	Location and drainage area	Period of record (water years)	Measurements	
				Date	Discharge (ft^3/s)
		Carson River Basin--Continued			
Heyburn Ditch Return near Dangberg Well at U.S. Highway 395 near Minden, NV (1030909070)	Carson River	Lat 38°58'28", long 119°46'41", in SW¼SE¼ sec.18, T.13 N., R.20 E., Douglas County, Hydrologic Unit 16050201, at U.S. Highway 395, 1.5 mi north of State Highway 88, and 2.1 mi northwest of Minden.	1994-96	4-05-95	.12
				4-18-95	.39
				4-25-95	10
				5-18-95	.73
				5-31-95	9.1
				6-21-95	1.1
				7-21-95	18
				8-04-95	15
				8-25-95	1.5
				9-28-95	2.7
				10-12-95	3.2
Heyburn Ditch Return at Airport Road and U.S. Highway 395 near Minden, NV (1030909075)	Carson River	Lat 39°00'05", long 119°46'42", in NE¼SW¼ sec.7, T.13 N., R.20 E., Douglas County, Hydrologic Unit 16050201, at Airport Road and U.S. Highway 395, 2.7 mi north of State Highway 88, and 3.3 mi northwest of Minden.	1994-95	5-18-95	.09
				5-31-95	.75
				6-22-95	.41
				6-29-95	5.1
				7-21-95	1.9
				8-03-95	.23
				8-25-95	.11
Heyburn Ditch Return 0.75 mile south of Johnson Lane at U.S. Highway 395 near Minden, NV (1030909080)	Carson River	Lat 39°00'57", long 119°46'42", in NE¼SW¼ sec.6, T.13 N., R.20 E., Douglas County, Hydrologic Unit 16050201, at U.S. Highway 395, 0.8 mi south of Johnson Lane, and 4.3 mi northwest of Minden.	1994-96	4-05-95	.32
				4-25-95	1.1
				5-18-95	.22
				7-07-95	4.1
				7-21-95	.85
				8-03-95	3.7
				9-07-95	3.0
				9-29-95	.39
				10-12-95	.51
Heyburn Ditch Return 0.25 mile south of Johnson Lane at U.S. Highway 395 near Minden, NV (1030909085)	Carson River	Lat 39°01'29", long 119°46'43", in NE¼NW¼ sec.6, T.13 N., R.20 E., Douglas County, Hydrologic Unit 16050201, at U.S. Highway 395, 0.1 mi south of Johnson Lane, and 4.9 mi northwest of Minden.	1994-96	4-05-95	1.0
				4-25-95	2.1
				5-18-95	1.5
				5-31-95	.55
				6-22-95	.97
				7-07-95	3.1
				7-21-95	2.6
				8-04-95	1.8
				8-23-95	1.2
				9-29-95	2.3
				10-12-95	1.2
Heyburn Ditch Return at Johnson Lane and U.S. Highway 395 (1030909090)	Carson River	Lat 39°01'37", long 119°46'42", SE¼SW¼ sec.31, T.14 N., R.20 E., Douglas County, Hydrologic Unit 16050201, at Johnson Lane and U.S. Highway 395, 5.0 mi northwest of Minden.	1994-96	4-18-95	1.1
				4-25-95	.44
				5-18-95	3.5
				5-31-95	.10
				6-22-95	.73
				7-22-95	.39
				8-04-95	.25
				9-29-95	.14
				10-12-95	.26
Heyburn Ditch Return at Stephanie Lane near Minden, NV (1030909095)	Carson River	Lat 39°02'29", long 119°46'10", in NW¼NW¼ sec.32, T.14 N. R.20 E., Douglas County, Hydrologic Unit 16050201, at Stephanie Lane, 0.5 mi east of U.S. Highway 395, and 6.0 mi north of Minden.	1994-96	4-05-95	3.0
				4-12-95	5.7
				4-18-95	5.7
				4-25-95	1.7
				5-17-95	22
				5-31-95	2.1
				6-22-95	26
				7-06-95	.88
				7-19-95	20
				8-04-95	1.2
				8-23-95	5.5
				9-06-95	.24
				9-29-95	13
				10-12-95	3.7

MISCELLANEOUS SITES--Continued

Station name and number	Tributary to	Location and drainage area	Period of record (water years)	Measurements	
				Date	Discharge (ft^3/s)
		Carson River Basin--Continued			
St. Louis Straight Ditch at State Highway 88 near Minden, NV (1030909710)	Carson River	Lat 38°56'22", long 119°46'44", in NE¼NW¼ sec.6, T.12 N., R.20 E., Douglas County, Hydrologic Unit 16050201, at State Highway 88, 1.6 mi south of U.S. Highway 395, and 1.2 mi southwest of Minden.	1994-96	4-18-95	.14
				5-18-95	29
				5-31-95	25
				6-21-95	8.0
				7-20-95	18
				8-02-95	16
				8-25-95	3.3
				9-28-95	16
				10-11-95	9.9
Home Slough at State Highway 88 near Minden, NV (10309110)	Carson River	Lat 38°56'36", long 119°46'43", in NE¼SW¼ sec.31, T.13 N., R.20 E., Douglas County, Hydrologic Unit 16050201, at State Highway 88, 1.3 mi south of U.S. Highway 395, and 0.9 mi southwest of Minden.	1994-95	4-03-95	.15
				4-18-95	.14
				5-18-95	.20
				5-31-95	27
				6-21-95	.59
				7-07-95	4.0
				7-20-95	2.9
				8-02-95	7.5
				8-25-95	4.2
				9-07-95	.36
				9-29-95	.37
Home Slough at Muller Lane near Minden, NV (10309113)	Carson River	Lat 38°58'15", long 119°48'45", in SW¼SE¼ sec.23, T.13 N., R.19 E., Douglas County, Hydrologic Unit 16050201, at Muller Lane, 1.8 mi west of U.S. Highway 395, and 2.7 mi northwest of Minden.	1994-96	4-03-95	1.8
				4-18-95	1.7
				5-15-95	21
				5-25-95	25
				6-19-95	1.8
				6-29-95	16
				7-06-95	6.7
				8-02-95	.35
				8-24-95	.67
				9-06-95	2.8
				9-28-95	4.1
				10-11-95	4.8
Home Slough Return at Muller Lane near Minden, NV (10309117)	Carson River	Lat 38°58'15", long 119°48'34", in SE¼SE¼ sec.23, T.13 N., R.19 E., Douglas County, Hydrologic Unit 16050201, at Muller Lane, 1.7 mi west of U.S. Highway 395, and 2.6 mi northwest of Minden.	1994-95	4-03-95	0.17
				4-25-95	.14
				5-15-95	.29
				5-26-95	.12
				6-19-95	8.0
				7-19-95	5.6
				8-01-95	3.4
				8-24-95	5.6
				9-06-95	.58
				9-28-95	.14
West Ditch at Muller Lane near Minden, NV (10309118)	Carson River	Lat 38°58'15", long 119°48'25", in SE¼SE¼ sec.23, T.13 N., R.19 E., Douglas County, Hydrologic Unit 16050201, at Muller Lane, 1.5 mi west of U.S. Highway 395, and 2.4 mi northwest of Minden.	1994-95	5-15-95	.81
				5-26-95	2.1
				7-06-95	9.9
				8-23-95	9.2
Luther Creek near Fredericksburg, CA (10310330)	West Fork Carson River	Lat 38°51'26", long 119°48'32", in SW¼SE¼ sec.35, T.12 N., R.19 E., Alpine County, Hydrologic Unit 16050201, 2.4 mi northwest of Fredericksburg. Drainage area is 4.42 mi^2.	1976-77, 1981-83, 1989-95	1-04-95	1.3
				3-31-95	4.0
				9-29-95	4.9

MISCELLANEOUS SITES--Continued

Station name and number	Tributary to	Location and drainage area	Period of record (water years)	Measurements	
				Date	Discharge (ft^3/s)
		Carson River Basin--Continued			
West Fork Carson River West Ditch at Muller Lane near Minden, NV (103103576)	Carson River	Lat 38°58'15", long 119°49'03", in SE¼SW¼ sec.23, T.13 N., R.19 E., Douglas County, Hydrologic Unit 16050201, at Muller Lane, 2.1 mi west of U.S Highway 395, and 3.0 mi northwest of Minden.	1994-95	5-15-95 5-25-95 6-29-95 7-19-95 8-02-95 8-24-95 9-06-95	6.1 8.9 3.4 6.2 10 8.8 2.5
West Fork Carson River East Ditch at Muller Lane near Minden, NV (103103577)	Carson River	Lat 38°58'16", long 119°48'58", in SE¼SW¼ sec.23, T.13 N., R.19 E., Douglas County, Hydrologic Unit 16050201, at Muller Lane, 2.0 mi west of U.S Highway 395, and 3.0 mi northwest of Minden.	1994-95	5-15-95 6-19-95 7-06-95 8-02-95 8-24-95 9-28-95	.01 1.5 2.4 9.7 5.3 9.8
Jobs Canyon Creek near Minden, NV (10310360)	West Fork Carson River	Lat 38°53'26", long 119°50'20", in SW¼NW¼ sec.22, T.12 N. R.19 E., Douglas County, Hydrologic Unit 16050201, 3.6 mi southwest of Centerville. Drainage area is 2.97 mi^2.	1976, 1981-83 1989-95	1-04-95 3-31-95 9-29-95	.58 2.9 4.4
Sheridan Creek near Minden, NV (10310370)	West Fork Carson River	Lat 38°53'46", long 119°50'49", in SE¼SE¼ sec.16, T.12 N., R.19 E., Douglas County, Hydrologic Unit 16050201, 3.8 mi west of Centerville. Drainage area is 0.23 mi^2.	1981-83 1989-95	1-04-95 3-31-95 9-29-95	.92 2.3 4.3
Mott Canyon Creek near Minden, NV (10310385)	West Fork Carson River	Lat 38°55'44", long 119°50'57", in NW¼SE¼ sec.4, T.12 N., R.19 E., Douglas County, Hydrologic Unit 16050201, 0.8 mi upstream from Foothill Road, and 5.5 mi southwest of Minden. Drainage area is approximately 2.0 mi^2.	1969, 1971-73 1976-77 1981-83 1987-95	1-04-95 3-31-95 9-29-95	1.9 3.8 2.8
Genoa Canyon Creek at Genoa, NV (10310410)	Carson River	Lat 39°00'02", long 119°51'00", in SE¼SW¼ sec.9, T.13 N., R.19 E., Douglas County, Hydrologic Unit 16050201, 0.5 mi southwest of Genoa. Drainage area is 2.24 mi^2.	1969, 1972, 1976-77 1981-82 1988-95	1-04-95 3-31-95 9-29-95	.96 2.0 .77
Sierra Canyon Creek near Genoa, NV (10310415)	Carson River	Lat 39°01'01", long 119°50'52", in NW¼SE¼ sec.4, T.13 N., R.19 E., Douglas County, Hydrologic Unit 16050201, 0.9 mi north of Genoa. Drainage area is 3.15 mi^2.	1969, 1972, 1976-77 1981-83 1989-95	1-04-95 3-31-95 9-29-95	.88 3.6 1.3
Carson River near Clifton, NV (10311875)	Carson Sink	Lat 39°16'46", long 119°23'58", in NE¼SE¼ sec.4, T.16 N., R.23 E., Lyon County, Hydrologic Unit 16050202, 0.9 mi southeast of Clifton, and 7.0 mi west of Fort Churchill.	1992-95	10-05-94 11-17-94 9-26-95	2.4 82 79
		Humboldt River Basin			
Ten mile Creek above South Fork Humboldt River near Elko, NV (10319950)	South Fork Humboldt River	Lat 40°41'17", long 115°47'23", in SW¼NW¼ sec.4, T.32 N., R.55 E., Elko County, Hydrologic Unit 16040103, 1000 ft upstream of confluence of South Fork Humboldt River, 0.5 mi northwest of South Fork Dam, and 10 mi south of Elko.	1990-91 1992-95	10-13-94 11-30-94 1-04-95 2-27-95 4-13-95 5-31-95 7-10-95 8-23-95	2.3 3.0 3.4 4.3 4.6 20 16 .22

MISCELLANEOUS SITES--Continued

Station name and number	Tributary to	Location and drainage area	Period of record (water years)	Measurements	
				Date	Discharge (ft^3/s)
Pyramid and Winnemucca Lakes Basin					
McCrays Canyon near Carson City, NV (10348480)	Franktown Creek	Lat 39°12'13", long 119°52'48", in SW¼SW¼ sec.32, T.16 N., R.19 E., Washoe County, Hydrologic Unit 16050101, 0.5 mi upstream from mouth, and 6.5 mi northwest of Carson City.	1974-81 1985-92 1994-95	10-20-94 6-28-95 9-06-95	.06 16 .95
Browns Creek Diversion at Galena State Park near Washoe City, NV (10348855)	Browns Creek	Lat 39°21'16", long 119°51'18", in SE¼NW¼ sec.09, T.17 N., R.19 E., Washoe County, Hydrologic Unit 16050102, 3.5 mi northwest of Washoe City.	1984-95	11-18-94 1-05-95 2-13-95 3-27-95	4.1 3.4 4.6 5.7
Galena Creek near Steamboat, NV (10348900)	Steamboat Creek	Lat 39°21'43", long 119°49'37", in SW¼SW¼ sec.2, T.17 N., R.19 E., Washoe County, Hydrologic Unit 16050102, 1 mi upstream from Jones Creek, 3.5 mi upstream from mouth, 4.5 mi southwest of Steamboat, and 12 mi south of Reno.	1961-94+ 1995	10-06-94 11-22-94 1-06-95 2-13-95 3-27-95 5-02-95 6-05-95 6-14-95 7-27-95	4.2 5.4 .10 .42 2.2 17 58 57 44
Long Valley Canyon Creek near Lockwood, NV	Truckee River	Lat 39°30'04", long 119°38'42", in NW¼NW¼ sec.21, T.19N., R21E., Storey County, Hydrologic Unit 16050103, 0.75 mi south of U.S. Interstate 80	1986, 1995	3-10-95	2,750
Truckee River at Marble Bluff Dam, NV (10351775)	Pyramid Lake	Lat 39°51'20", long 119°23'32", in NW¼NW¼ sec.22, T.23 N., R.23 E., Washoe County, Hydrologic Unit 16050103, at Marble Bluff Dam, 3.0 mi northwest of Nixon, and at mi 0.0 upstream from Marble Bluff Dam.	1991-92 1994-95	11-21-94 12-02-94 1-03-95 2-06-95 3-06-95	33 24 22 32 42
Smoke Creek at Benchmark 4044 near Gerlach, NV (10353799)	Smoke Creek Desert	Lat 40°31'27", long 119°53'46", in NE¼NW¼ sec.31, T.31 N., R.19 E., Washoe County, Hydrologic Unit 16040204, 2.7 mi southeast of Smoke Creek Station, 9.2 mi southeast of Smoke Creek Reservoir, and 20.7 mi southwest of Gerlach.	1990-95	10-11-94 11-22-94 1-04-95 2-07-95 3-27-95 6-14-95 7-26-95 8-28-95	0 0 2.2 89 132 .39 5.9 5.6

+ Operated as a continuous recording station

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

WALKER LAKE BASIN

The following table contains discharge data for the sites that were measured during the water year.

Station name and number	Tributary to	Location and drainage area	Period of record (water years)	Measurements	
				Date	Discharge (ft^3/s)
Walker River at East Bridge Street near Yerington, NV (10301100)	Walker Lake	Lat 38°58'58", long 119°10'52", in NE¼NE¼ sec.21, T.13 N., R.25 E., Lyon County, Hydrologic Unit 16050303, at Bridge Street, 0.8 mi west of Yerington.	1995	10-05-94	44
				11-01-94	46
				11-29-94	40
				1-03-95	45
				3-01-95	80
				3-12-95	636
				4-10-95	289
				5-11-95	833
				6-05-95	1860
				6-29-95	1740
				7-11-95	2980
				8-02-95	1040
				9-05-95	351
Walker River at Point Site near Schurz, NV (10301720)	Walker Lake	Lat 39°02'02", long 118°51'41", in SW¼NW¼ sec.33, T.14 N., R.28 E., Mineral County, Hydrologic Unit 16050303, 0.6 mi south of Weber Reservoir, and 6.3 mi northwest of Schurz.	1994-95	4-19-95	133
				5-03-95	199
				5-12-95	385
				6-06-95	1290
				6-21-95	1460
				7-06-95	1850
				7-20-95	1110
				7-20-95	959
				8-16-95	107
				9-06-95	75
				9-22-95	70
Walker River at Powerline Crossing near Schurz, NV (10302005)	Walker Lake	Lat 38°53'41", long 118°46'54", in NW¼NE¼ sec.19, T.12 N., R.29 E., Mineral County, Hydrologic Unit 16050303, 0.9 mi east of U.S. Highway 95, and 4.3 mi southeast of Schurz.	1994-95	5-02-95	.04
				5-09-95	293
				5-17-95	446
				6-13-95	1550
				8-16-95	68
				9-05-95	40
				9-21-95	19
Walker River near mouth near Walker Lake, NV (10302025)	Walker Lake	Lat 38°47'28", long 118°43'34", in SE¼SE¼ sec.29, T.11 N., R.29 E., Mineral County, Hydrologic Unit 16050303, 1.5 mi southeast of Pelican Point, and about 10 mi northeast of Walker Lake.	1994-95	11-07-94	.72
				4-03-95	.82
				5-02-95	1.37
				5-09-95	142
				5-16-95	447
				8-18-95	74
				8-30-95	26
				9-29-95	38

Water-Quality measurements in the following table were made as part of a field screening study for the U.S. Department of the Interior National Irrigation Water-Quality Program. The following sites are shown in figure 17.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	STATION NAME	DATE	TIME	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)
10301765	LATERAL 1A ABOVE HIGHWAY 95 AT SCHURZ, NV	08-15-95	0900	<0.01	204
10301770	LATERAL 2A AT TAKEOUT NEAR SCHURZ, NV	08-15-95	1015	0.30	187
10302000	WALKER RIVER AT SCHURZ, NV	08-15-95	1200	150	270
10302025	WALKER RIVER NEAR MOUTH AT WALKER LAKE, NV	08-14-95	1240	60	328

DATE	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)
08-15-95	7.8	26.5	17.0	650	4.9	60	64	19	4.1	17	0.9
08-15-95	8.1	29.0	20.0	650	8.7	113	59	17	3.9	15	0.9
08-15-95	8.0	28.5	22.0	650	6.5	88	86	25	5.7	22	1
08-14-95	7.4	30.5	22.5	655	7.1	96	91	26	6.4	30	1

DATE	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)
08-15-95	2.9	98	<1	80	13	5.2	0.30	<0.010	16	122	126
08-15-95	2.7	90	<1	74	12	4.7	0.30	<0.010	15	121	115
08-15-95	3.5	127	<1	104	20	7.2	0.30	<0.010	20	157	167
08-14-95	4.3	130	<1	105	40	10	0.40	<0.010	19	177	200

DATE	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)
08-15-95	0.17	40	<1	9	31	<1	140	<1.0	1	<1	2
08-15-95	0.16	30	<1	6	28	<1	140	<1.0	1	<1	2
08-15-95	0.21	40	<1	11	43	<1	190	<1.0	2	<1	2
08-14-95	0.24	20	<1	14	35	<1	230	<1.0	2	<1	2

DATE	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)
08-15-95	67	<1	20	4	6	1	<1	<1.0	3	1.0
08-15-95	59	<1	10	49	6	1	<1	<1.0	1	2.0
08-15-95	74	<1	20	170	10	2	<1	<1.0	3	3.0
08-14-95	28	<1	20	66	26	2	<1	<1.0	<1	8.0

QUALITY OF SURFACE WATER

CARSON RIVER BASIN

Water-Quality and bottom sediment measurements in the following table were made as part of a field screening study for the U.S. Department of the Interior National Irrigation Water-Quality Program. The following sites are shown in figure 19.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	STATION NAME	DATE	TIME	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)
10312258	D-LINE CANAL AT INDIAN LAKES ROAD NEAR FALLON, NV	06-30-95	1000	5.8	220
393348118420801	POND-STILLWATER WILDLIFE MANAGEMENT AREA OFF LETER ROAD NEAR INDIAN LAKES	06-28-95	1615	--	59800
393357118410501	POND-STILLWATER WILDLIFE MANAGEMENT AREA NEAR INDIAN LAKES	06-01-95	1500	--	111000
393357118420101	POND-STILLWATER WILDLIFE MANAGEMENT AREA NEAR INDIAN LAKES ROAD	06-29-95	1330	--	56500
393358118402401	POND-STILLWATER WILDLIFE MANAGEMENT AREA NEAR VAUGHN SLOUGH	06-01-95	1000	--	173000
393358118414301	POND-STILLWATER WILDLIFE MANAGEMENT AREA OFF INDIAN LAKES ROAD	05-31-95	1400	--	2850
393403118412401	POND-STILLWATER WILDLIFE MANAGEMENT AREA SOUTHEAST OF INDIAN LAKES ROAD	06-29-95	1700	--	58000
393502118401201	POND-STILLWATER WILDLIFE MANAGEMENT AREA NEAR UPPER LAKE	06-02-95	0930	--	19600
393508118400401	POND-STILLWATER WILDLIFE MANAGEMENT AREA NEAR LIKES LAKE	06-02-95	1030	--	94600
393530118400701	LIKES LAKE-STILLWATER WILDLIFE MANAGEMENT AREA NEAR INDIAN LAKES	06-28-95	1330	--	305

DATE	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)
06-30-95	8.0	19.0	665	9.8	121	73	21	4.9	17	0.9	2.9	90
06-28-95	9.4	30.0	665	7.4	142	380	12	85	24000	540	310	5030
06-01-95	9.5	30.5	665	--	--	--	<170	<80	100000	--	780	1000
06-29-95	9.6	25.0	665	7.5	129	140	18	23	23000	850	540	9000
06-01-95	8.4	27.5	665	0.4	14	--	<250	250	150000	--	2600	4930
05-31-95	8.5	22.5	665	9.2	124	220	49	24	400	12	20	500
06-29-95	9.7	30.5	665	4.7	90	--	<10	<5.0	26000	--	250	11900
06-02-95	8.9	21.0	663	4.8	67	85	7.5	16	580	27	190	586
06-02-95	8.2	21.5	663	1.1	22	4700	580	780	35000	220	650	980
06-28-95	9.0	24.5	655	6.2	87	83	21	7.3	32	2	4.5	73

DATE	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)
06-30-95	<1	74	25	8.6	<0.10	<0.010	18	154	142	0.21	130
06-28-95	3900	10600	29000	7500	9.8	11	<0.50	69200	67400	94.1	<250
06-01-95	1800	3800	13000	9300	73	25	<1.0	229000	--	--	<4000
06-29-95	10900	25500	15000	6100	64	8.3	3.8	63200	60300	86.0	290
06-01-95	1180	6000	64000	62000	0.40	290	<1.0	390000	--	--	<12000
05-31-95	19	442	380	180	0.90	0.080	12	1510	1340	2.05	30
06-29-95	15100	34900	18000	2800	240	2.0	22	70900	--	--	<2500
06-02-95	144	720	7700	2000	1.1	3.3	<0.10	16300	11000	22.2	80
06-02-95	<1	800	58000	19000	1.1	27	1.1	120000	115000	163	<700
06-28-95	14	84	44	15	0.30	<0.010	5.6	197	180	0.27	90

DATE	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)
06-30-95	<1	10	31	<1	140	<1.0	<1	<1	2	160	<1
06-28-95	<250	4300	<250	<250	73000	<250	<250	<250	<250	<1500	<250
06-01-95	<4000	32000	<4000	<4000	470000	<4000	<4000	<4000	<4000	<20000	<4000
06-29-95	<2500	22000	<2500	<2500	190000	<2500	<2500	<2500	<2500	<1500	<2500
06-01-95	<12000	1800	<12000	<12000	1300000	<12000	<12000	<12000	<12000	<36000	<12000
05-31-95	<1	44	78	<1	2400	<1.0	<1	<1	3	160	1
06-29-95	<2500	29000	<2500	<2500	170000	<2500	<2500	<2500	<2500	<1500	<2500
06-02-95	<40	400	<40	<40	41000	<40	<40	<40	<40	<120	<40
06-02-95	<700	320	<700	<700	290000	<700	<700	<700	<700	<2500	<700
06-28-95	<1	18	33	<1	260	<1.0	<1	<1	3	99	<1

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)
06-30-95	20	13	4	4	<1	<1.0	<1	-101.0	-13.4	2.0
06-28-95	300	<250	990	<250	<10	<250	<250	--	--	570
06-01-95	<800	<4000	42000	<4000	<80	<4000	<4000	--	--	19000
06-29-95	200	<2500	2000	<2500	<100	<2500	<2500	--	--	1200
06-01-95	3800	<12000	<12000	<12000	<120	<12000	<12000	-44.4	-0.8	<12000
05-31-95	110	3000	16	9	<1	<1.0	7	--	--	4.0
06-29-95	<1000	<2500	4700	<2500	<100	<2500	<2500	--	--	2000
06-02-95	1100	100	350	<40	<4	<40	<40	--	--	96
06-02-95	2800	780	2600	<700	<20	<700	<700	--	--	<700
06-28-95	30	14	7	4	<1	<1.0	2	--	--	4.0

STATION NUMBER	DATE	TIME	ALUM-INUM BOT MAT <63U WS FIELD PERCENT (34790)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYL-LIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHRO-MIUM BOT MAT <63U WS FIELD (UG/G) (34840)
393348118420801	05-26-95	1500	5.9	130	2	<10	3.3	53	28
393357118410501	05-26-95	1045	3.6	99	1	<10	2.1	37	20
393357118420101	05-26-95	1330	2.5	350	<1	<10	9.8	22	17
393358118402401	05-25-95	1400	4.5	190	1	<10	5.0	36	19
393358118414301	05-25-95	1700	3.9	480	1	<10	9.3	33	22
393403118412401	05-26-95	1200	5.4	240	1	<10	2.9	45	31
393502118401201	05-25-95	1200	4.2	450	1	<10	14	32	22
393508118400401	05-25-95	1000	0.44	57	<1	<10	12	<4	3

DATE	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)	EURO-PIUM BOT MAT <63U WS FIELD (UG/G) (34855)	GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHA-NUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)
05-26-95	14	28	<2	11	<8	<4	3.2	27	23	100
05-26-95	9	23	<2	7	<8	<4	2.3	19	12	80
05-26-95	6	12	<2	5	<8	<4	1.7	13	12	70
05-25-95	10	17	<2	6	<8	<4	2.2	20	6	50
05-25-95	8	27	<2	7	<8	<4	2.6	17	27	40
05-26-95	14	48	<2	13	<8	<4	3.3	26	17	100
05-25-95	7	15	<2	7	<8	<4	2.0	17	19	50
05-25-95	1	3	<2	<4	<8	<4	0.23	<2	11	20

DATE	MAGNE-SIUM BOT MAT <63U WS FIELD PERCENT (34900)	MANGA-NESE BOT MAT <63U WS FIELD (UG/G) (34905)	MOLYB-DENUM BOT MAT <63U WS FIELD (UG/G) (34915)	NEODYM-IUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)	PHOS-PHORUS BOT MAT <63U WS FIELD PERCENT (34935)	POTAS-SIUM BOT MAT <63U WS FIELD PERCENT (34940)	SCAN-DIUM BOT MAT <63U WS FIELD (UG/G) (34945)
05-26-95	3.3	710	2	22	19	8	0.14	2.0	9
05-26-95	2.0	660	430	16	24	12	0.12	1.4	6
05-26-95	4.1	1600	32	4	12	<4	0.17	1.1	4
05-25-95	2.3	780	140	14	12	6	0.10	1.6	6
05-25-95	1.3	2200	17	11	12	4	0.18	1.1	5
05-26-95	2.3	920	11	21	28	18	0.15	2.1	9
05-25-95	1.9	2100	27	7	10	<4	0.12	1.2	5
05-25-95	1.3	520	100	<4	3	<4	0.04	0.25	<2

DATE	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	STRON-TIUM BOT MAT <63U WS FIELD (UG/G) (34965)	TANTA-LUM BOT MAT <63U WS FIELD (UG/G) (34975)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	TITA-NIUM, SED, BMWS, <63UDRY WGT REC PERCENT (49274)	VANA-DIUM BOT MAT <63U WS FIELD (UG/G) (35005)	YTTRIUM BOT MAT <63U WS FIELD (UG/G) (35010)	YTTER-BIUM BOT MAT <63U WS FIELD (UG/G) (35015)	ZINC BOT MAT <63U WS FIELD (UG/G) (35020)
05-26-95	5.9	760	<40	<10	0.320	110	13	1	90
05-26-95	16	780	<40	<10	0.210	190	9	<1	59
05-26-95	9.6	1400	<40	<10	0.160	70	6	<1	59
05-25-95	15	2000	<40	<10	0.240	86	9	<1	62
05-25-95	1.3	800	<40	<10	0.230	72	9	<1	73
05-26-95	6.6	610	<40	<10	0.310	320	12	1	87
05-25-95	2.9	1400	<40	<10	0.250	62	9	<1	66
05-25-95	16	2300	<40	<10	0.020	9	<2	<1	55

QUALITY OF GROUND WATER

CARSON RIVER BASIN

Water-Quality measurements in the following table were made as part of a field screening study for the U.S. Department of the Interior National Irrigation Water-Quality Program. The following sites are shown in figure 32.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	LOCAL WELL NUMBER	DATE	TIME	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)
393352118415101	101 N20 E29 26CDAC1	06-30-95	1200	3915	3.59	5.00	751	7.6
393400118402301	101 N20 E29 25DBDD1	06-29-95	1000	3895	2.43	13.00	49200	8.2

DATE	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)
06-30-95	16.0	655	5.8	68	85	23	6.8	140	7	3.4	266
06-29-95	16.5	665	--	--	650	46	130	16000	270	220	2700

DATE	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)
06-30-95	<1	218	100	44	0.40	0.080	32	505	481	0.69	8
06-29-95	<1	2200	25000	6000	1.6	13	3.1	48400	48900	65.8	280

DATE	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
06-30-95	<1	2	19	<1	730	<1.0	<1	<1	1	13	<1
06-29-95	<200	2200	<200	<200	190000	<200	<200	<200	<200	<750	<200

DATE	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)
06-30-95	40	<1	17	4	<1	<1.0	<1	-89.3	-10.6	13
06-29-95	500	310	9500	<200	<10	<200	<200	--	--	3200

FALLON AREA

Water-quality measurements in the following table were made at surface-water sites in the Fallon area, west-central Nevada as part of a project jointly funded by the Department of the Interior National Irrigation Water Quality Program (NIWQP) and the National Water Quality Assessment Program (NAWQA). The following sites are shown in figure 19.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	STATION NAME	DATE	TIME	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	SPECIFIC CONDUCTANCE (US/CM) (00095)
10312180	CARSON LAKE DRAIN ABOVE CARSON LAKE NEAR FALLON, NV	02-27-95	1310	2.1	1420
		05-01-95	1030	16	693
		08-08-95	1150	10	1100
10312182	LOWER DIAGONAL DRAIN AT PASTURE ROAD NEAR FALLON, NV	02-27-95	1554	0.16	2750
		05-02-95	1000	4.6	787
		08-08-95	1410	27	436
10312183	"L" DRAIN ABOVE LEE DRAIN NEAR FALLON, NV	02-27-95	1100	0.46	1110
		05-01-95	1330	12	741
		08-08-95	0950	22	552
10312185	RICE DITCH AT GAGE NEAR FALLON, NV	03-03-95	1030	1.5	1090
		05-10-95	1355	2.8	434
		08-16-95	1555	7.3	519
10312190	LOWER DIAGONAL DRAIN AT HWY 50 NEAR FALLON, NV	02-28-95	0850	0.29	5200
		05-03-95	1000	5.9	1220
		05-03-95	1001	5.9	1220
		08-10-95	1010	34	712
		08-10-95	1011	34	712
10312210	STILLWATER POINT RESERVOIR DIVERSION CANAL NEAR FALLON, NV	03-01-95	1100	0.51	4570
		05-22-95	1435	1.6	414
		08-16-95	0910	32	830
10312218	STILLWATER SLOUGH AT STILLWATER, NV	02-28-95	0850	1.4	5890
		05-03-95	1020	9.3	1270
		08-09-95	0930	14	1070
392106118455601	CARSON LAKE 1 ON PASTURE ROAD NEAR CARSON LAKE, NV	03-01-95	0930	0.02	7980
		05-02-95	1300	0.08	4950
392310118432601	L-DRAIN AT PASTURE ROAD NEAR DEPP LANE NEAR FALLON, NV	03-01-95	1230	2.7	1060
		05-01-95	1630	13	729
		08-07-95	1450	13	645
392552118501101	UPPER WEST SIDE DRAIN AT SOLIAS ROAD NEAR FALLON, NV	03-02-95	1420	0.90	725
		05-02-95	1630	2.4	710
		08-09-95	0930	6.0	764
392553118394901	LOWER DIAGONAL DRAIN NUMBER 1 AT US 50 NEAR FALLON, NV	02-28-95	1100	0.04	1560
		05-03-95	1400	E0.50	2040
		08-10-95	1240	9.9	351
392643118501201	SHECKLER DRAIN AT SAINT CLAIR ROAD NEAR FALLON, NV	03-02-95	1100	0.11	720
		03-02-95	1101	0.11	720
		05-04-95	0945	1.7	725
		08-07-95	1000	5.9	670
392646118401601	NEW RIVER DRAIN AT US 50 NEAR FALLON, NV	02-28-95	1430	0.10	2420
		05-03-95	1630	--	593
		08-09-95	1510	2.8	661
392801118454001	NEW RIVER DRAIN AT HARRIGAN ROAD NEAR FALLON, NV	03-01-95	1440	1.8	834
		05-04-95	1400	2.2	1100
		08-09-95	1220	3.1	890
392831118385801	UNNAMED DRAIN AT STUART ROAD NEAR HARMON RESERVOIR	03-01-95	1500	0.05	30100
		05-04-95	1000	0.10	33000
		08-07-95	0930	0.53	7900
392856118363801	HARMON DRAIN AT DITCH HOUSE ROAD NEAR FALLON, NV	03-01-95	1000	1.2	3840
		05-05-95	1100	8.5	1480
		08-07-95	1530	22	928
392857118400101	HARMON DRAIN AT NV 116 NEAR FALLON, NV	03-01-95	1300	0.90	1250
		05-04-95	1400	7.7	[illegible]
		08-07-95	1300	12	[illegible]
393134118371401	S5A DRAIN AT AUSTIN ROAD NEAR FALLON, NV	03-02-95	1000	0.03	3720
		03-02-95	1001	0.03	3720
		05-02-95	1130	1.1	645
		08-09-95	1230	0.70	845
393201118364901	A DRAIN ABOVE TJ-1 DRAIN NEAR STILLWATER, NV	02-28-95	1400	0.10	13900
		05-01-95	1530	0.45	9400
		08-10-95	1000	1.7	5200
393202118364701	TJ-1 DRAIN BELOW A DRAIN NEAR STILLWATER, NV	02-27-95	1530	0.18	17700
		05-01-95	1220	0.51	10400
		08-10-95	1300	0.69	5680
393256118330201	SWOPE DRAIN AT FREEMAN LANE NEAR STILLWATER, NV	02-28-95	1100	0.09	15100
		05-03-95	1400	11	580
		05-03-95	1401	11	580
		08-08-95	1000	1.8	1420
		08-08-95	1001	1.8	1420
393331118341801	PAIUTE DIVERSION DRAIN NEAR FALLON INDIAN RESERVATION	02-27-95	1200	0.11	4900
		05-02-95	1450	4.7	710
		08-08-95	1430	12	396

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	DATE	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	HARD-NESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
10312180	02-27-95	8.8	18.0	14.5	665	19.2	217	190	<1	48
	05-01-95	8.2	--	13.5	655	8.0	90	140	<1	37
	08-08-95	8.1	28.5	19.5	661	9.3	118	150	<1	42
10312182	02-27-95	8.7	21.0	17.5	665	15.0	182	300	<1	73
	05-02-95	8.5	--	9.0	660	11.1	111	170	<1	46
	08-08-95	7.9	--	20.0	659	8.3	106	81	<1	23
10312183	02-27-95	8.6	15.0	10.0	670	13.8	140	200	<1	52
	05-01-95	8.4	--	17.5	660	10.4	126	170	<1	46
	08-08-95	8.0	22.0	18.0	661	6.6	81	130	<1	38
10312185	03-03-95	8.6	15.0	12.0	--	--	--	180	<1	49
	05-10-95	8.2	21.5	15.0	661	9.2	106	110	1	30
	08-16-95	7.9	28.5	22.0	646	6.7	91	130	<1	38
10312190	02-28-95	8.2	12.0	10.0	665	3.0	31	230	<1	49
	05-03-95	8.3	12.0	13.0	665	6.9	75	160	<1	41
	05-03-95	8.3	12.0	13.0	665	6.9	75	160	<1	41
	08-10-95	7.8	31.5	19.5	652	5.2	67	130	<1	37
	08-10-95	7.8	31.5	19.5	652	5.2	67	140	--	39
10312210	03-01-95	8.1	9.5	12.0	--	--	--	260	<1	58
	05-22-95	7.9	15.0	16.0	661	5.9	69	100	5	29
	08-16-95	8.0	25.0	20.5	646	5.6	74	150	<1	42
10312218	02-28-95	8.5	10.0	9.0	663	9.5	96	600	270	140
	05-03-95	8.0	19.0	13.5	660	7.8	87	240	28	64
	08-09-95	8.0	24.5	19.5	660	5.4	68	220	6	61
392106118455601	03-01-95	8.2	9.0	9.0	665	4.6	47	390	<1	67
	05-02-95	8.8	18.0	21.0	665	13.1	172	300	<1	61
392310118432601	03-01-95	8.8	14.0	12.0	660	18.4	198	200	<1	54
	05-01-95	8.4	19.0	17.5	660	9.6	117	170	<1	48
	08-07-95	8.3	32.5	22.0	654	10.2	137	160	<1	47
392552118501101	03-02-95	9.2	14.0	15.5	660	13.8	160	160	<1	42
	05-02-95	9.2	--	21.5	665	13.4	175	150	<1	37
	08-09-95	7.9	--	16.0	655	8.4	100	210	<1	61
392553118394901	02-28-95	8.0	14.0	11.0	665	5.7	60	150	<1	42
	05-03-95	8.6	21.0	17.5	665	11.5	139	130	<1	34
	08-10-95	7.6	34.0	21.5	649	3.5	47	78	<1	23
392643118501201	03-02-95	8.2	12.0	9.0	660	8.4	84	200	<1	56
	03-02-95	8.2	12.0	9.0	660	8.4	84	200	<1	55
	05-04-95	8.1	13.0	13.0	660	8.1	89	230	13	67
	08-07-95	7.6	30.5	17.0	654	5.4	65	220	<1	65
392646118401601	02-28-95	8.9	17.5	15.0	665	9.3	107	170	<1	49
	05-03-95	8.9	20.0	19.0	660	12.0	150	120	<1	34
	08-09-95	8.9	36.0	25.0	653	17.3	246	160	<1	44
392801118454001	03-01-95	7.8	12.0	13.0	660	5.3	58	180	<1	51
	05-04-95	8.0	22.0	17.5	660	9.5	115	280	<1	78
	08-09-95	7.8	31.5	19.0	653	7.2	91	250	<1	72
392831118385801	03-01-95	7.9	10.0	13.0	659	9.2	114	1500	970	310
	05-04-95	7.5	20.0	16.0	655	4.9	66	1500	1000	320
	08-07-95	7.7	29.0	19.0	660	2.6	33	410	110	91
392856118363801	03-01-95	8.4	7.5	10.0	660	12.9	135	380	64	96
	05-05-95	7.9	11.0	12.0	650	6.3	69	230	50	63
	08-07-95	8.0	32.5	24.0	658	8.6	119	180	<1	52
392857118400101	03-01-95	8.0	11.5	13.5	658	7.3	82	320	24	90
	05-04-95	7.7	--	19.0	653	7.2	91	220	8	63
	08-07-95	7.6	33.0	22.0	658	5.3	71	210	<1	60
393134118371401	03-02-95	8.4	10.5	7.5	660	10.3	101	500	180	110
	03-02-95	8.4	10.5	7.5	660	10.3	101	500	180	110
	05-02-95	7.9	--	13.5	655	7.1	80	140	14	38
	08-09-95	8.0	31.0	21.5	659	9.2	121	150	<1	41
393201118364901	02-28-95	8.6	22.5	20.5	661	15.6	210	1400	950	170
	05-01-95	8.6	18.0	19.5	655	10.8	142	880	550	120
	08-10-95	8.4	35.0	24.0	657	12.8	180	450	170	67
393202118364701	02-27-95	8.4	14.5	16.0	663	13.4	167	1800	1400	230
	05-01-95	8.5	22.0	22.5	655	11.2	157	920	540	120
	08-10-95	8.4	33.0	23.0	656	10.4	144	500	210	75
393256118330201	02-28-95	8.0	20.0	11.5	664	13.1	146	3000	2800	650
	05-03-95	7.9	--	22.5	660	5.5	74	140	9	39
	05-03-95	7.9	--	22.5	660	5.5	74	140	9	39
	08-08-95	7.6	24.0	19.0	666	8.7	108	260	120	64
	08-08-95	7.6	24.0	19.0	666	8.7	108	260	120	61
393331118341801	02-27-95	8.4	21.0	12.0	665	10.3	111	940	730	160
	05-02-95	8.5	19.0	19.5	655	11.5	147	180	29	49
	08-08-95	8.8	28.5	23.0	664	10.6	143	100	<1	29

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	DATE	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
10312180	02-27-95	17	230	7	12	325	24	306	180	160
	05-01-95	11	90	3	8.0	210	--	172	90	57
	08-08-95	12	120	4	7.5	324	--	266	140	120
10312182	02-27-95	28	530	13	14	466	31	434	700	210
	05-02-95	13	110	4	8.4	257	4	211	130	46
	08-08-95	5.7	41	2	4.7	164	--	134	57	20
10312183	02-27-95	16	170	5	11	336	13	330	160	65
	05-01-95	13	94	3	10	268	--	220	110	40
	08-08-95	8.9	56	2	6.5	221	--	182	67	27
10312185	03-03-95	15	170	5	11	368	14	325	150	63
	05-10-95	7.9	46	2	5.1	130	--	107	64	24
	08-16-95	9.0	56	2	8.3	190	--	156	59	23
10312190	02-28-95	25	1100	32	27	647	--	530	850	890
	05-03-95	14	200	7	13	290	--	238	190	120
	05-03-95	14	190	7	13	290	--	238	190	120
	08-10-95	9.9	96	4	8.5	237	--	194	99	48
	08-10-95	10	100	4	8.9	237	--	194	99	51
10312210	03-01-95	29	860	23	21	396	--	324	460	970
	05-22-95	7.5	45	2	4.8	120	--	98	57	27
	08-16-95	11	120	4	8.8	253	--	207	100	61
10312218	02-28-95	60	1000	18	24	375	12	307	580	1400
	05-03-95	19	160	5	3.6	256	--	210	160	170
	08-09-95	16	140	4	11	259	--	212	150	120
392106118455601	03-01-95	53	1700	38	29	744	--	610	930	1800
	05-02-95	37	970	24	22	559	37	533	540	1000
392310118432601	03-01-95	16	160	5	11	342	24	320	150	56
	05-01-95	13	90	3	10	242	3	203	100	37
	08-07-95	11	75	3	9.1	255	--	209	84	33
392552118501101	03-02-95	13	97	3	11	242	29	246	83	37
	05-02-95	14	100	4	9.4	195	36	220	86	38
	08-09-95	15	88	3	11	337	--	276	85	36
392553118394901	02-28-95	11	300	11	11	500	--	410	210	150
	05-03-95	11	410	16	13	451	12	391	290	210
	08-10-95	5.1	39	2	6.5	138	--	131	36	16
392643118501201	03-02-95	14	74	2	12	300	--	246	67	35
	03-02-95	14	74	2	13	300	--	246	68	36
	05-04-95	16	60	2	13	268	--	220	94	37
	08-07-95	13	62	2	9.1	283	--	232	73	33
392646118401601	02-28-95	12	490	16	10	561	66	560	340	230
	05-03-95	8.6	76	3	6.8	175	8	158	70	42
	08-09-95	11	89	3	7.3	207	14	194	80	40
392801118454001	03-01-95	13	110	4	7.8	250	--	205	100	74
	05-04-95	21	130	3	10	369	--	302	140	79
	08-09-95	18	100	3	9.1	332	--	272	120	62
392831118385801	03-01-95	170	7500	85	95	610	--	500	3500	9900
	05-04-95	160	6200	71	85	547	--	448	2800	9000
	08-07-95	45	1500	32	27	372	--	305	920	1900
392856118363801	03-01-95	34	710	16	21	375	5	307	520	770
	05-05-95	18	210	6	11	221	--	181	190	230
	08-07-95	13	120	4	10	244	--	200	140	81
392857118400101	03-01-95	23	160	4	12	360	--	295	240	100
	05-04-95	15	86	3	9.2	257	--	211	130	51
	08-07-95	14	96	3	9.2	268	--	220	130	55
393134118371401	03-02-95	54	620	12	12	386	--	316	490	750
	03-02-95	54	620	12	12	386	--	316	480	770
	05-02-95	10	76	3	5.6	149	--	122	83	67
	08-09-95	12	110	4	5.3	203	--	166	94	98
393201118364901	02-28-95	240	2900	34	42	481	43	466	1600	3900
	05-01-95	140	1700	25	30	342	29	328	1100	2300
	08-10-95	68	890	18	19	339	1	280	500	1200
393202118364701	02-27-95	300	3800	39	56	508	22	452	2900	4800
	05-01-95	150	2100	30	36	405	29	380	1300	2700
	08-10-95	76	980	19	21	326	12	287	570	1300
393256118330201	02-28-95	340	2500	20	62	294	--	241	1900	4300
	05-03-95	11	62	2	12	163	--	132	73	46
	05-03-95	11	64	2	12	163	--	132	75	50
	08-08-95	25	170	5	16	173	--	142	180	230
	08-08-95	26	170	5	16	173	--	142	180	230
393331118341801	02-27-95	130	650	9	19	249	--	228	540	1100
	05-02-95	15	84	3	11	179	5	155	89	77
	08-08-95	7.2	40	2	5.7	118	8	111	41	26

QUALITY OF SURFACE WATER

FALLON AREA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	DATE	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER DAY) (70302)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)
10312180	02-27-95	0.70	19	892	854	5.06	1.21	0.010	0.140	0.050
	05-01-95	0.40	15	430	414	18.2	0.58	0.010	0.060	0.040
	08-08-95	0.60	18	730	624	20.1	0.99	0.130	0.450	0.090
10312182	02-27-95	1.0	24	1920	1850	0.83	2.61	<0.010	<0.050	0.040
	05-02-95	0.50	21	534	508	6.63	0.73	0.010	0.160	0.050
	08-08-95	0.30	18	293	253	21.4	0.40	0.020	0.180	0.020
10312183	02-27-95	0.80	21	718	678	0.89	0.98	0.020	0.110	0.150
	05-01-95	0.50	19	481	468	15.1	0.65	0.030	0.290	0.120
	08-08-95	0.40	19	369	336	21.5	0.50	0.030	0.590	0.030
10312185	03-03-95	0.80	20	702	677	2.77	0.95	<0.010	<0.050	0.100
	05-10-95	0.30	18	277	261	2.09	0.38	0.020	0.180	0.060
	08-16-95	0.40	23	327	314	6.40	0.44	0.050	0.520	0.060
10312190	02-28-95	1.1	29	3430	3310	2.69	4.66	0.030	0.090	3.90
	05-03-95	0.50	20	756	747	12.0	1.03	0.040	0.070	0.920
	05-03-95	0.50	20	758	738	--	1.03	0.040	0.070	0.910
	08-10-95	0.40	24	471	444	42.9	0.64	0.050	0.440	0.120
	08-10-95	0.40	26	478	458	--	0.65	0.050	0.450	0.120
10312210	03-01-95	0.70	23	2740	2630	3.77	3.73	0.040	0.220	1.60
	05-22-95	0.30	18	262	249	1.11	0.36	0.020	0.140	0.080
	08-16-95	0.50	24	498	496	43.2	0.68	0.060	0.450	0.100
10312218	02-28-95	0.70	16	3580	3420	13.5	4.87	<0.010	<0.050	0.100
	05-03-95	0.50	18	758	723	19.0	1.03	<0.010	0.060	0.030
	08-09-95	0.40	24	658	652	25.6	0.89	<0.010	<0.050	0.020
392106118455601	03-01-95	1.2	21	5200	4980	0.28	7.07	0.010	0.090	0.140
	05-02-95	1.0	13	3150	2970	0.68	4.28	<0.010	<0.050	<0.015
392310118432601	03-01-95	0.70	22	692	667	5.04	0.94	0.030	0.320	0.070
	05-01-95	0.50	21	474	445	16.5	0.64	0.040	0.330	0.090
	08-07-95	0.40	25	440	416	16.0	0.60	0.040	0.790	0.050
392552118501101	03-02-95	0.60	28	445	461	1.08	0.61	<0.010	<0.050	<0.015
	05-02-95	0.60	21	420	439	2.72	0.57	0.010	0.100	<0.015
	08-09-95	0.50	33	499	502	8.08	0.68	0.050	1.30	0.050
392553118394901	02-28-95	1.0	17	1040	1000	0.11	1.41	0.030	0.550	0.880
	05-03-95	1.2	16	1290	1230	--	1.75	<0.010	<0.050	0.030
	08-10-95	0.30	21	248	217	6.63	0.34	<0.010	<0.050	0.020
392643118501201	03-02-95	0.50	28	454	446	0.13	0.62	0.040	2.40	0.040
	03-02-95	0.50	28	463	450	--	0.63	0.030	2.40	0.040
	05-04-95	0.40	22	472	444	2.17	0.64	0.020	0.370	0.030
	08-07-95	0.50	36	464	447	7.39	0.63	0.040	3.30	0.050
392646118401601	02-28-95	2.1	15	1600	1500	0.43	2.18	<0.010	<0.050	<0.015
	05-03-95	0.40	20	372	357	--	0.51	0.070	0.210	1.00
	08-09-95	0.40	27	437	417	3.30	0.59	0.020	0.090	0.040
392801118454001	03-01-95	0.30	20	542	510	2.63	0.74	0.120	1.80	0.460
	05-04-95	0.50	28	688	677	4.09	0.94	0.070	1.40	0.200
	08-09-95	0.50	37	619	591	5.18	0.84	0.060	1.60	0.140
392831118385801	03-01-95	0.50	15	22300	21800	3.01	30.3	<0.010	<0.050	0.040
	05-04-95	0.40	17	20200	18900	5.45	27.5	<0.010	<0.050	0.110
	08-07-95	0.50	26	4990	4700	7.14	6.79	0.010	0.100	0.090
392856118363801	03-01-95	0.60	17	2480	2360	8.04	3.37	<0.010	<0.050	0.050
	05-05-95	0.40	17	896	851	20.6	1.22	0.020	0.170	0.070
	08-07-95	0.50	27	589	567	35.5	0.80	0.010	0.210	0.050
392857118400101	03-01-95	0.60	20	870	826	2.11	1.18	0.010	0.270	0.090
	05-04-95	0.40	22	523	506	10.9	0.71	0.020	0.230	0.090
	08-07-95	0.50	31	546	532	18.4	0.74	0.030	0.370	0.120
393134118371401	03-02-95	0.40	25	2370	2250	0.19	3.22	<0.010	<0.050	<0.015
	03-02-95	0.50	25	2360	2270	--	3.21	<0.010	<0.050	<0.015
	05-02-95	0.30	20	401	374	1.19	0.55	<0.010	<0.050	<0.015
	08-09-95	0.40	27	506	489	0.96	0.69	<0.010	<0.050	0.030
393201118364901	02-28-95	0.80	6.8	9700	9150	2.62	13.2	<0.010	<0.050	0.030
	05-01-95	0.60	8.3	5840	5600	7.10	7.94	<0.010	<0.050	<0.015
	08-10-95	0.50	18	3160	2940	14.5	4.30	<0.010	0.070	0.020
393202118364701	02-27-95	1.1	16	13000	12400	6.32	17.7	<0.010	<0.050	0.050
	05-01-95	0.70	8.2	6900	6650	9.50	9.38	<0.010	<0.050	<0.015
	08-10-95	0.60	19	3420	3220	6.37	4.65	<0.010	<0.050	<0.015
393256118330201	02-28-95	1.2	33	10600	9960	2.58	14.4	<0.010	<0.050	0.160
	05-03-95	0.40	18	379	344	10.8	0.52	0.040	0.140	0.280
	05-03-95	0.40	18	387	358	--	0.53	0.040	0.140	0.270
	08-08-95	0.30	22	870	796	4.23	1.18	<0.010	0.070	0.060
	08-08-95	0.50	21	866	796	--	1.18	<0.010	<0.050	0.060
393331118341801	02-27-95	0.60	9.7	3050	2740	0.91	4.15	<0.010	<0.050	<0.015
	05-02-95	0.40	19	471	439	5.98	0.64	<0.010	<0.050	<0.015
	08-08-95	0.20	15	248	232	7.77	0.34	<0.010	0.050	0.020

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	DATE	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)
10312180	02-27-95	0.90	0.70	0.430	0.350	0.330	10	<1	110	46
	05-01-95	0.80	0.60	0.290	0.210	0.200	50	<1	40	45
	08-08-95	0.80	0.60	0.310	0.260	0.270	10	<1	41	55
10312182	02-27-95	1.5	1.0	1.00	0.770	0.750	10	<2	110	69
	05-02-95	1.0	0.70	0.390	0.340	0.320	30	<1	50	54
	08-08-95	1.0	0.40	0.460	0.260	0.280	80	<1	27	29
10312183	02-27-95	1.1	1.0	0.480	0.380	0.380	30	<1	79	52
	05-01-95	1.0	0.80	0.320	0.280	0.260	40	<1	52	64
	08-08-95	0.60	0.50	0.320	0.290	0.280	30	<1	29	44
10312185	03-03-95	0.80	0.80	0.420	0.310	0.300	7	<1	61	62
	05-10-95	0.60	0.40	0.180	0.100	0.110	40	<1	17	39
	08-16-95	0.90	0.70	0.450	0.400	0.410	7	<1	25	44
10312190	02-28-95	6.5	5.2	3.10	3.00	2.80	6	<3	360	96
	05-03-95	2.4	1.7	0.700	0.530	0.560	50	<1	77	51
	05-03-95	2.3	1.8	0.700	0.550	0.550	20	<1	77	47
	08-10-95	1.0	0.70	0.400	0.320	0.340	60	<1	32	50
	08-10-95	1.2	0.70	0.460	0.310	0.330	40	<1	34	49
10312210	03-01-95	2.9	2.3	2.40	2.30	2.20	9	<2	170	120
	05-22-95	0.50	0.30	0.170	0.080	0.100	8	<1	15	36
	08-16-95	1.0	0.70	0.350	0.230	0.230	6	<1	39	54
10312218	02-28-95	1.1	0.90	0.310	0.180	0.140	5	<3	35	140
	05-03-95	1.0	0.60	0.290	0.150	0.140	20	<1	33	64
	08-09-95	0.70	0.50	0.280	0.250	0.240	20	<1	30	63
392106118455601	03-01-95	1.7	1.4	1.60	1.30	1.30	8	<4	160	92
	05-02-95	1.5	1.4	0.900	0.850	0.900	10	<3	11	59
392310118432601	03-01-95	1.2	0.70	0.600	0.440	0.430	40	<1	78	64
	05-01-95	1.2	0.80	0.390	0.300	0.290	30	<1	45	64
	08-07-95	0.80	0.60	0.430	0.390	0.410	40	<1	31	48
392552118501101	03-02-95	0.40	<0.20	0.090	<0.010	<0.010	8	<1	66	59
	05-02-95	0.90	0.50	0.100	0.070	0.040	10	<1	51	47
	08-09-95	0.50	0.30	0.120	0.120	0.130	4	<1	28	78
392553118394901	02-28-95	2.2	1.8	1.80	1.60	1.60	10	<1	190	51
	05-03-95	1.1	0.70	0.730	0.580	0.620	50	1	110	44
	08-10-95	0.80	0.50	0.480	0.430	0.440	190	<1	30	28
392643118501201	03-02-95	0.50	0.60	0.090	0.100	0.090	4	<1	42	74
	03-02-95	0.60	0.50	0.100	0.080	0.080	3	<1	42	75
	05-04-95	0.70	0.60	0.200	0.180	0.180	5	<1	36	73
	08-07-95	0.60	0.60	0.250	0.260	0.250	5	<1	31	58
392646118401601	02-28-95	1.1	0.80	1.20	1.10	1.10	20	<1	180	54
	05-03-95	2.1	1.5	0.610	0.480	0.480	40	<1	27	42
	08-09-95	0.80	0.40	0.410	0.360	0.360	30	<1	30	60
392801118454001	03-01-95	2.0	1.4	0.600	0.410	0.370	10	<1	20	67
	05-04-95	0.80	0.50	0.280	0.220	0.220	6	<1	24	100
	08-09-95	0.60	0.50	0.260	0.250	0.260	5	<1	18	85
392831118385801	03-01-95	1.3	1.0	0.200	0.160	0.160	20	<15	51	71
	05-04-95	0.70	0.90	0.240	0.300	0.370	20	<10	10	64
	08-07-95	<0.20	0.80	<0.010	0.420	0.420	10	<1	34	77
392856118363801	03-01-95	1.2	0.90	0.260	0.180	0.180	9	<2	38	110
	05-05-95	0.90	0.60	0.360	0.220	0.220	5	<1	86	67
	08-07-95	0.70	0.60	0.400	0.390	0.390	20	<1	38	53
392857118400101	03-01-95	1.0	0.70	0.230	0.140	0.130	4	<1	33	100
	05-04-95	0.70	0.50	0.260	0.220	0.220	10	<1	29	74
	08-07-95	0.90	0.70	0.410	0.380	0.380	9	<1	39	69
393134118371401	03-02-95	0.70	0.60	0.130	0.120	0.090	5	<2	16	68
	03-02-95	0.70	0.60	0.130	0.110	0.090	10	<2	17	68
	05-02-95	0.70	0.50	0.150	0.130	0.110	40	<1	18	32
	08-09-95	0.60	0.40	0.240	0.200	0.220	20	<1	19	51
393201118364901	02-28-95	1.8	1.3	0.200	0.100	0.110	10	<6	250	58
	05-01-95	1.7	1.2	0.130	0.060	0.040	10	<4	120	90
	08-10-95	1.2	0.90	0.270	0.240	0.250	10	<3	110	46
393202118364701	02-27-95	1.4	1.1	0.140	0.080	0.110	9	<8	280	52
	05-01-95	1.8	1.3	0.260	0.080	0.050	50	<5	210	76
	08-10-95	1.1	0.80	0.260	0.230	0.230	10	<3	100	46
393256118330201	02-28-95	1.2	1.1	0.240	0.230	0.170	20	<6	35	160
	05-03-95	3.0	1.6	0.610	0.280	0.260	100	1	10	56
	05-03-95	2.1	1.6	0.500	0.270	0.250	70	1	9	58
	08-08-95	1.3	1.2	0.450	0.420	0.390	30	<1	31	61
	08-08-95	1.3	1.1	0.450	0.390	0.400	30	<1	30	61
393331118341801	02-27-95	1.2	0.90	0.100	0.030	0.010	7	<2	12	120
	05-02-95	1.2	0.80	0.310	0.240	0.250	50	<1	19	43
	08-08-95	0.50	0.40	0.250	0.210	0.210	100	<1	16	39

QUALITY OF SURFACE WATER

FALLON AREA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	DATE	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	BORON, DIS-SOLVED (UG/L AS B) (01020)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)
10312180	02-27-95	<1	1800	<1.0	2	<1	3	23	<1	70
	05-01-95	<1	740	<1.0	2	<1	2	25	<1	50
	08-08-95	<1	1200	<1.0	3	<1	4	20	<1	50
10312182	02-27-95	<2	4300	<2.0	2	<2	6	19	<2	70
	05-02-95	<1	880	<1.0	2	<1	2	72	<1	60
	08-08-95	<1	390	<1.0	2	<1	3	92	<1	20
10312183	02-27-95	<1	1300	<1.0	3	<1	2	5	<1	70
	05-01-95	<1	690	<1.0	2	<1	2	26	<1	60
	08-08-95	<1	430	<1.0	2	<1	2	39	<1	40
10312185	03-03-95	<1	1300	<1.0	2	<1	2	35	<1	70
	05-10-95	<1	390	<1.0	<1	<1	2	45	<1	40
	08-16-95	<1	410	<1.0	1	<1	2	29	<1	40
10312190	02-28-95	<3	8200	<3.0	3	<3	7	10	<3	70
	05-03-95	<1	1500	<1.0	3	<1	2	54	2	60
	05-03-95	<1	1500	<1.0	4	<1	3	43	1	60
	08-10-95	<1	720	<1.0	1	<1	2	80	<1	40
	08-10-95	<1	730	<1.0	1	<1	2	56	<1	40
10312210	03-01-95	<2	4600	<2.0	4	<2	8	17	<2	70
	05-22-95	<1	380	2.0	1	<1	2	11	<1	40
	08-16-95	<1	840	<1.0	1	<1	1	7	<1	50
10312218	02-28-95	<3	6100	<3.0	4	<3	6	9	<3	270
	05-03-95	<1	1200	<1.0	2	<1	2	22	3	80
	08-09-95	<1	1100	<1.0	3	<1	2	21	<1	80
392106118455601	03-01-95	<4	12000	<4.0	5	<4	9	60	<4	120
	05-02-95	<3	7500	<3.0	7	<3	6	61	7	120
392310118432601	03-01-95	<1	1200	<1.0	3	<1	2	81	<1	70
	05-01-95	<1	670	<1.0	2	<1	2	50	<1	60
	08-07-95	<1	530	<1.0	3	<1	3	49	<1	40
392552118501101	03-02-95	<1	680	<1.0	2	<1	1	18	<1	70
	05-02-95	<1	660	<1.0	2	<1	2	27	<1	70
	08-09-95	<1	600	<1.0	4	<1	1	8	<1	70
392553118394901	02-28-95	<1	3100	<1.0	3	<1	2	12	<1	50
	05-03-95	<1	4900	<1.0	6	<1	3	28	2	60
	08-10-95	<1	410	<1.0	<1	<1	3	220	<1	20
392643118501201	03-02-95	<1	590	<1.0	1	<1	1	13	<1	70
	03-02-95	<1	--	<1.0	1	<1	1	12	<4	--
	05-04-95	<1	520	<1.0	2	<1	2	33	<1	70
	08-07-95	<1	480	<1.0	3	<1	2	6	<1	70
392646118401601	02-28-95	<1	6700	<1.0	3	<1	4	<9	<1	60
	05-03-95	<1	560	<1.0	2	<1	2	29	<1	40
	08-09-95	<1	590	<1.0	3	<1	1	31	<1	50
392801118454001	03-01-95	<1	630	<1.0	2	2	3	27	<1	40
	05-04-95	<1	910	<1.0	3	<1	3	26	1	70
	08-09-95	<1	750	<1.0	4	<1	2	15	<1	60
392831118385801	03-01-95	<15	32000	<15	20	<20	26	20	<15	270
	05-04-95	<10	27000	<10	10	<10	23	100	48	280
	08-07-95	<1	8800	2.0	6	<1	3	74	4	130
392856118363801	03-01-95	<2	5000	<2.0	4	<2	8	24	<2	120
	05-05-95	<1	1200	<1.0	3	<1	2	14	4	60
	08-07-95	<1	940	<1.0	2	<1	2	32	<1	60
392857118400101	03-01-95	<1	1400	<1.0	4	<1	3	17	<1	100
	05-04-95	<1	730	<1.0	3	<1	2	42	<1	70
	08-07-95	<1	790	<1.0	2	<1	1	41	<1	70
393134118371401	03-02-95	<2	2600	<2.0	2	<2	4	17	<2	120
	03-02-95	<2	2300	<2.0	3	<2	<6	20	<2	120
	05-02-95	<1	510	<1.0	2	<1	2	39	1	50
	08-09-95	<1	580	<1.0	2	<1	1	17	<1	50
393201118364901	02-28-95	<6	11000	<6.0	10	<6	19	20	<6	320
	05-01-95	<4	6300	<4.0	7	<4	8	100	11	250
	08-10-95	<3	3700	<3.0	<3	<3	5	45	9	130
393202118364701	02-27-95	<8	15000	<8.0	9	<8	16	20	<8	470
	05-01-95	<5	9000	<5.0	7	<5	9	30	14	300
	08-10-95	<3	4100	<3.0	3	<3	4	36	8	150
393256118330201	02-28-95	<6	20000	<6.0	10	<6	26	30	<6	1700
	05-03-95	<1	610	<1.0	1	<1	6	120	<1	60
	05-03-95	<1	590	<1.0	2	<1	6	88	<1	60
	08-08-95	<1	1600	<1.0	2	<1	4	130	1	150
	08-08-95	<1	1500	<1.0	2	<1	4	130	1	150
393331118341801	02-27-95	<2	3300	<2.0	4	<2	8	15	<2	270
	05-02-95	<1	610	<1.0	2	<1	3	37	2	60
	08-08-95	<1	290	<1.0	1	<1	1	90	<1	30

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	DATE	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)
10312180	02-27-95	130	--	46	2	<1	<1.0	<1	51
	05-01-95	140	--	21	3	<1	<1.0	2	20
	08-08-95	57	--	25	4	<1	<1.0	2	20
10312182	02-27-95	1300	--	210	3	1	<2.0	5	78
	05-02-95	410	--	31	3	<1	<1.0	2	24
	08-08-95	70	--	11	3	<1	<1.0	2	6.0
10312183	02-27-95	450	--	38	3	<1	<1.0	3	36
	05-01-95	320	--	19	3	<1	<1.0	2	23
	08-08-95	38	--	9	3	<1	<1.0	1	11
10312185	03-03-95	370	--	37	1	<1	<1.0	<1	34
	05-10-95	43	--	9	3	<1	<1.0	<1	7.0
	08-16-95	58	--	10	2	<1	<1.0	<1	10
10312190	02-28-95	730	--	200	3	<1	<3.0	8	120
	05-03-95	500	--	52	3	1	<1.0	2	33
	05-03-95	490	--	54	3	1	<1.0	3	34
	08-10-95	130	--	21	3	<1	<1.0	1	17
	08-10-95	100	--	21	3	<1	<1.0	1	18
10312210	03-01-95	1400	--	46	5	<1	<2.0	9	24
	05-22-95	12	--	9	2	<1	<1.0	3	8.0
	08-16-95	52	0.60	23	2	<1	<1.0	<1	19
10312218	02-28-95	670	--	58	5	<1	<3.0	5	42
	05-03-95	270	0.70	18	4	<1	<1.0	1	14
	08-09-95	25	--	21	4	<1	<1.0	2	13
392106118455601	03-01-95	750	--	190	<4	1	<4.0	7	170
	05-02-95	440	--	110	5	<1	<3.0	5	100
392310118432601	03-01-95	1000	--	34	3	<1	<1.0	2	35
	05-01-95	420	--	19	3	<1	<1.0	3	22
	08-07-95	56	--	13	4	<1	<1.0	1	15
392552118501101	03-02-95	110	--	9	1	<1	<1.0	1	26
	05-02-95	54	--	9	2	<1	<1.0	<1	21
	08-09-95	23	--	9	3	<1	<1.0	2	17
392553118394901	02-28-95	510	--	23	2	<1	<1.0	<1	26
	05-03-95	91	--	48	3	<1	<1.0	2	65
	08-10-95	42	--	8	2	<1	<1.0	1	3.0
392643118501201	03-02-95	410	--	7	1	<1	<1.0	<1	24
	03-02-95	410	--	7	<1	<1	<1.0	<1	24
	05-04-95	270	--	11	4	<1	<1.0	2	20
	08-07-95	20	--	8	5	<1	<1.0	2	11
392646118401601	02-28-95	320	--	28	2	<1	<1.0	2	42
	05-03-95	110	--	10	2	<1	<1.0	1	9.0
	08-09-95	150	--	12	3	<1	<1.0	3	12
392801118454001	03-01-95	450	--	17	4	<1	<1.0	7	26
	05-04-95	340	--	22	5	<1	<1.0	1	43
	08-09-95	140	--	19	5	<1	<1.0	<1	24
392831118385801	03-01-95	190	--	170	<15	1	<15	21	240
	05-04-95	2400	--	110	24	<1	<10	26	180
	08-07-95	660	--	60	6	--	<1.0	3	49
392856118363801	03-01-95	920	--	53	6	<1	<2.0	7	43
	05-05-95	250	--	22	4	<1	<1.0	1	19
	08-07-95	71	--	18	5	<1	<1.0	1	10
392857118400101	03-01-95	460	--	25	4	<1	<1.0	2	29
	05-04-95	420	--	14	4	<1	<1.0	2	14
	08-07-95	410	--	17	4	<1	<1.0	1	13
393134118371401	03-02-95	280	--	47	5	<1	<2.0	4	65
	03-02-95	280	--	47	11	<1	<2.0	18	62
	05-02-95	110	--	10	3	<1	<1.0	1	7.0
	08-09-95	50	--	10	3	<1	<1.0	<1	8.0
393201118364901	02-28-95	350	--	310	9	<1	<6.0	18	220
	05-01-95	310	--	180	11	<1	<4.0	9	160
	08-10-95	69	--	95	6	<2	<3.0	5	73
393202118364701	02-27-95	470	--	780	<8	1	<8.0	12	280
	05-01-95	290	--	330	11	<1	<5.0	9	160
	08-10-95	93	--	120	7	<2	<3.0	5	80
393256118330201	02-28-95	2000	--	610	27	<1	<6.0	28	120
	05-03-95	97	--	26	3	<1	<1.0	7	10
	05-03-95	88	--	24	3	<1	<1.0	5	9.0
	08-08-95	260	--	51	5	<1	<1.0	3	10
	08-08-95	260	--	50	4	<2	<1.0	4	9.0
393331118341801	02-27-95	320	--	41	7	<1	<2.0	16	19
	05-02-95	89	--	14	3	<1	<1.0	2	8.0
	08-08-95	39	--	8	2	<1	<1.0	<1	3.0

FALLON AREA--Continued

The following analyses of bed sediment were performed on the <62mm fraction of samples from irrigation drains in the Fallon, NV area. The following sites are shown in figure 19.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	DATE	TIME	ALUMINUM BOT MAT <63U WS FIELD PERCENT (34790)	ANTIMONY BOT MAT <63U WS FIELD (UG/G) (34795)	ARSENIC BOT MAT <63U WS FIELD (UG/G) (34800)	BARIUM BOT MAT <63U WS FIELD (UG/G) (34805)	BERYLLIUM BOT MAT <63U WS FIELD (UG/G) (34810)	BISMUTH BOT MAT <180UWS FIELD (UG/G) (34816)	CADMIUM BOT MAT <63U WS FIELD (UG/G) (34825)
10312180	05-01-95	1030	7.7	2	22	850	2	<10	0.3
10312182	05-02-95	1000	7.7	2	22	800	2	<10	0.3
10312183	05-01-95	1330	7.3	2	21	750	2	<10	0.4
10312218	05-03-95	1020	7.5	4	22	690	2	<10	0.4
392106118455601	05-02-95	1300	7.7	3	28	730	2	<10	0.4
392310118432601	05-01-95	1630	8.0	3	27	760	2	<10	0.4
392552118501101	05-02-95	1630	6.3	2	29	720	1	<10	0.3
392856118363801	05-05-95	1100	7.1	2	24	750	2	<10	0.3
392857118400101	05-04-95	1400	7.2	2	24	860	1	<10	0.3
393256118330201	05-03-95	1400	7.5	2	26	890	2	<10	0.4

DATE	CALCIUM BOT MAT <63U WS FIELD PERCENT (34830)	CERIUM BOT MAT <63U WS FIELD (UG/G) (34835)	CHROMIUM BOT MAT <63U WS FIELD (UG/G) (34840)	COBALT BOT MAT <63U WS FIELD (UG/G) (34845)	COPPER BOT MAT <63U WS FIELD (UG/G) (34850)	EUROPIUM BOT MAT <63U WS FIELD (UG/G) (34855)	GALLIUM BOT MAT <63U WS FIELD (UG/G) (34860)	GOLD BOT MAT <63U WS FIELD (UG/G) (34870)
05-01-95	2.7	47	27	11	34	<2	19	<8
05-02-95	3.1	56	52	17	33	<2	34	<8
05-01-95	2.9	56	34	15	47	<2	18	<8
05-03-95	2.2	56	39	16	76	<2	24	<8
05-02-95	1.8	61	34	17	56	<2	18	<8
05-01-95	2.1	63	37	19	51	<2	18	<8
05-02-95	5.8	50	31	14	35	<2	14	<8
05-05-95	3.4	56	35	15	40	<2	17	<8
05-04-95	5.0	54	34	15	38	<2	14	<8
05-03-95	2.2	61	30	19	53	<2	13	<8

DATE	HOLMIUM BOT MAT <63U WS FIELD (UG/G) (34875)	IRON BOT MAT <63U WS FIELD PERCENT (34880)	LANTHANUM BOT MAT <63U WS FIELD (UG/G) (34885)	LEAD BOT MAT <63U WS FIELD (UG/G) (34890)	LITHIUM BOT MAT <63U WS FIELD (UG/G) (34895)	MAGNESIUM BOT MAT <63U WS FIELD PERCENT (34900)	MANGANESE BOT MAT <63U WS FIELD (UG/G) (34905)	MERCURY BOT MAT <63U WS FIELD (U... (34...
05-01-95	<4	3.1	25	22	40	1.0	770	4.6
05-02-95	<4	4.0	29	52	40	1.2	1200	1.3
05-01-95	<4	4.1	29	18	50	1.4	1500	1.5
05-03-95	<4	4.5	30	59	70	1.6	1300	23.
05-02-95	<4	4.5	32	23	50	1.4	660	4.3
05-01-95	<4	4.7	34	17	50	1.5	1300	4.4
05-02-95	<4	3.5	25	12	40	1.1	1500	0.31
05-05-95	<4	4.1	29	13	50	1.3	1500	0.19
05-04-95	<4	3.7	28	12	40	1.2	1700	0.27
05-03-95	<4	4.5	32	14	80	1.6	710	0.81

DATE	MOLYBDENUM BOT MAT <63U WS FIELD (UG/G) (34915)	NEODYMIUM BOT MAT <63U WS FIELD (UG/G) (34920)	NICKEL BOT MAT <63U WS FIELD (UG/G) (34925)	NIOBIUM BOT MAT <63U WS FIELD (UG/G) (34930)	PHOSPHORUS BOT MAT <63U WS FIELD PERCENT (34935)	POTASSIUM BOT MAT <63U WS FIELD PERCENT (34940)	SCANDIUM BOT MAT <63U WS FIELD (UG/G) (34945)	SELENIUM BOT MAT <63U WS FIELD (UG/G) (34950)
05-01-95	3	20	15	7	0.13	2.0	9	0.7
05-02-95	11	24	21	8	0.21	1.7	11	1.1
05-01-95	2	24	19	8	0.16	1.7	11	0.9
05-03-95	4	23	22	9	0.14	2.0	13	0.7
05-02-95	33	26	20	11	0.14	1.9	13	1.3
05-01-95	<2	28	23	8	0.13	1.7	14	0.7
05-02-95	<2	20	16	8	0.19	1.5	9	2.1
05-05-35	4	23	20	8	0.16	1.7	11	0.7
05-04-95	<2	22	18	8	0.21	1.6	10	1.0
05-03-95	46	26	23	11	0.11	1.8	13	0.7

DATE	SILVER BOT MAT <63U WS FIELD (UG/G) (34955)	SODIUM BOT MAT <63U WS FIELD PERCENT (34960)	STRONTIUM BOT MAT <63U WS FIELD (UG/G) (34965)	SULFUR BOT MAT <63U WS FIELD (UG/G) (34970)	TANTALUM BOT MAT <63U WS FIELD (UG/G) (34975)	THORIUM BOT MAT <63U WS FIELD (UG/G) (34980)	TIN BOT MAT <63U WS FIELD (UG/G) (34985)	URANIUM BOT MAT <63U WS FIELD (UG/G) (35000)
05-01-95	0.5	2.1	540	0.19	<40	14	<10	6.5
05-02-95	0.5	2.0	560	0.35	<40	16	<10	12
05-01-95	1.1	1.5	480	0.23	<40	9	<10	7.1
05-03-95	4.3	1.5	420	0.31	<40	15	<10	5.8
05-02-95	1.0	1.9	410	0.43	<40	<8.2	<10	26
05-01-95	0.9	1.4	430	0.11	<40	15	<10	7.0
05-02-95	0.2	1.5	610	0.55	<40	12	<10	7.4
05-05-95	0.2	1.6	500	0.53	<40	13	<10	9.1
05-04-95	0.3	1.8	640	0.33	<40	13	<10	6.4
05-03-95	0.3	1.4	430	0.52	<40	<6.8	<10	17

FALLON AREA--Continued

Water-quality measurements in the following table were made at surface-water sites in the Fallon area, west-central Nevada as part of a project jointly funded by the Department of the Interior National Irrigation Water Quality Program (NIWQP) and the National Water Quality Assessment Program (NAWQA). The following sites are shown in figure 19. The following analyses are quality-assurance samples processed during the 1995 sampling period, and are defined in the section Water Quality-Control Data (page 25).

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	DATE	TIME	QUALITY ASSURANCE SAMPLE (TYPE)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)
10312180	08-08-95	1138	FIELD BLANK	0.03	<0.01	<0.2	<0.1	<0.1	<0.1	<0.1
10312182	05-02-95	1008	FIELD BLANK	<0.02	<0.01	<0.2	<0.1	<0.1	<0.1	<0.1
392643118501201	03-02-95	1108	FIELD BLANK	<0.02	<0.01	<0.2	<0.1	<0.1	<0.1	<0.1
393134118371401	05-02-95	0948	FIELD BLANK	<0.02	<0.01	<0.2	<0.1	<0.1	<0.1	<0.1
393201118364901	02-28-95	1708	FIELD BLANK	<0.02	<0.01	<0.2	<0.1	<0.1	0.2	<0.1
	08-10-95	1008	FIELD BLANK	<0.02	<0.01	<0.2	<0.1	<0.1	<0.1	<0.1

DATE	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOSPHORUS TOTAL (MG/L AS P) (00665)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)
08-08-95	0.01	<1	<0.01	<0.05	<0.015	<0.2	<0.2	0.01	<0.01	<0.01
05-02-95	<0.01	<1	<0.01	<0.05	<0.015	<0.2	<0.2	<0.01	<0.01	0.01
03-02-95	0.04	<1	<0.01	<0.05	<0.015	<0.2	<0.2	<0.01	<0.01	0.01
05-02-95	0.03	<1	<0.01	<0.05	<0.015	<0.2	<0.2	0.01	<0.01	0.01
02-28-95	0.04	<1	<0.01	<0.05	<0.015	<0.2	<0.2	<0.01	<0.01	<0.01
08-10-95	<0.01	<1	<0.01	<0.05	<0.015	<0.2	<0.2	<0.01	<0.01	<0.01

DATE	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	BORON, DISSOLVED (UG/L AS B) (01020)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)
08-08-95	4	<1	<1	<1	<1	10	<1.0	<1	<1	<1
05-02-95	2	<1	<1	<1	<1	<10	<1.0	<1	<1	<1
03-02-95	2	<1	<1	<1	<1	--	<1.0	<1	<1	<1
05-02-95	2	<1	<1	<1	<1	10	<1.0	<1	<1	<1
02-28-95	2	<1	<1	<1	<1	<10	<1.0	<1	<1	<1
08-10-95	4	<1	<1	<1	<1	<10	<1.0	<1	<1	<1

DATE	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)
08-08-95	<3	<1	<10	<1	<1	<1	<1	<1.0	<1	<1.0
05-02-95	80	<1	<10	<1	<1	<1	<1	<1.0	<1	<1.0
03-02-95	<3	<1	--	<1	<1	<1	<1	<1.0	<1	<1.0
05-02-95	<3	<1	<10	<1	<1	<1	<1	<1.0	<1	<1.0
02-28-95	4	<1	<10	<1	<1	<1	<1	<1.0	<1	<1.0
08-10-95	<3	<1	<10	<1	<1	<1	<1	<1.0	<1	<1.0

MISCELLANEOUS SITES

Truckee River, Low-flow investigation.

Station name and number	Tributary to	Location and drainage area	Period of record (water years)	Measurements	
				Date	Discharge (ft^3/s)
		Pyramid and Winnemucca Lakes basin			
Truckee River above Derby Dam near Wadsworth, NV (393520119270700	Pyramid Lake	Lat 39°35'20", long 119°27'07", in SE¼NE¼ sec.24, T.20 N., R.22 E., Washoe County, Hydrologic Unit 16050102, 0.4 mi upstream of Derby Dam, and about 9.5 mi southwest of Wadsworth.	1992 1994	1-19-94	151
Truckee Canal below Derby Dam near Wadsworth, NV (10351010)	Carson River	Lat 39°35'08", long 119°26'53", in SE¼SE¼ sec.19, T.20 N., R.23 E., Storey County, Hydrologic Unit 16050102, about 200 feet below Derby Dam, and about 9 mi southwest of Wadsworth.	1994	1-19-94	145
Truckee River below Derby Dam near Wadsworth, NV (10351600)	Pyramid Lake	Lat 39°35'05", long 119°26'25", in NW¼SE¼ sec.19, T. 20 N. R.23 E., Storey County, Hydrologic Unit 16050102, about 1500 ft downstream from Derby Dam, 3.2 mi downstream from Clark, about 9 mi southwest of Wadsworth, and at mi 34.49 upstream from Marble Bluff Dam.	1910 1919-57, + 1959-95 +	1-19-94 1-20-94 11-01-94	3.4 3.2 .68
Truckee River below Derby gage near Wadsworth, NV	Pyramid Lake	Lat 39°35'09", long 119°26'20", in NW¼SE¼ sec.19, T.20 N., R.23 E., Storey County, Hydrologic Unit 16050102, about 600 ft downstream of Derby gage, and about 9 mi southwest of Wadsworth.	1994	1-19-94	3.9
Truckee River at Painted Rock Bridge near Wadsworth, NV (10351619)	Pyramid Lake	Lat 39°35'28", long 119°21'59", in NW¼NE¼ sec.23, T. 20 N., R.23 E., Washoe County, Hydrologic Unit 16050102, at Painted Rock Bridge, 4.5 mi southwest of Wadsworth, and at mi 29.97 upstream from Marble Bluff Dam.	1994, 1995	1-20-94 11-01-94	6.7 3.5
Gilpin Spill near Wadsworth, NV	Truckee River	Lat 39°36'08", long 119°19'22", in SE¼NE¼ sec.18, T. 20 N., R.24 E., Storey County, Hydrologic Unit 16050102, about 2.5 mi downstream from Painted Rock Bridge, and about 3 mi southwest of Wadsworth.	1995	11-01-94	1.3
Truckee River at Wadsworth, NV (10351650)	Pyramid Lake	Lat 39°37'56", long 119°16'56", in SW¼NW¼ sec.3, T.20 N., R.24 E., Washoe County, Hydrologic Unit 16050102, at Old U.S. Highway 40 Bridge, 0.2 mi southeast of Wadsworth, and at mi 23.69 upstream from Marble Bluff Dam.	1994, 1995	1-20-94 11-01-94	7.0 5.7
Truckee River below S-S Ranch near Wadsworth, NV (10351684)	Pyramid Lake	Lat 39°41'46", long 119°17'59", in SE¼SW¼ sec.9, T.21 N., R.24 E., Washoe County, Hydrologic Unit 16050103, 0.1 mi downstream from Gardella Canyon, and 4.4 mi northwest of Wadsworth.	1992, 1995	11-01-94	12

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

MISCELLANEOUS SITES--Continued

Station name and number	Tributary to	Location and drainage area	Period of record (water years)	Measurements	
				Date	Discharge (ft^3/s)
Pyramid and Winnemucca Lakes Basin--Continued					
Truckee River at Dead Ox Wash near Nixon, NV (10351690)	Pyramid Lake	Lat 39°44'14", long 119°19'24", in NE¼NE¼ sec.31, T.22 N., R.24 E., Washoe County, Hydrologic Unit 16050103, about 4 mi upstream of Numana Dam, about 10 mi downstream of Wadsworth, and at mi 13.18 upstream from Marble Bluff Dam.	1992, 1995	11-01-94	15
Truckee River near Nixon, NV (10351700)	Pyramid Lake	Lat 39°46'40", long 119°20'10", in SW¼NW¼ sec.18, T.22 N., R.24 E., Washoe County, Hydrologic Unit 16050103, about 1 mi upstream of Numana Dam, about 4 mi south of Nixon, and at mi 9.50 upstream from Marble Bluff Dam.	1957-95+	1-20-94 11-01-94	22 14
Truckee River at State Highway 447 at Nixon, NV (10351750)	Pyramid Lake	Lat 39°49'45", long 119°21'36", in SE¼SE¼ sec.26, T.23 N., R.23 E., Washoe County, Hydrologic Unit 16050103, about 0.5 mi upstream of Nixon Bridge at Nixon, and at mi 3.22 upstream from Marble Bluff Dam.	1992, 1995	11-01-94	18
Truckee River at Marble Bluff Dam, NV (10351775)	Pyramid Lake	Lat 39°51'20", long 119°23'32", in NW¼NW¼ sec.22, T.23 N., R.23 E., Washoe County, Hydrologic Unit 16050103, 300 ft upstream from Marble Bluff Dam, and about 3 mi northwest of Nixon.	1991-92 1994-95	11-01-94	18

+ Operated as a continuous record station.

VIRGIN RIVER SEDIMENT STUDY

During February and March, samples were collected from the armor layer of the river at various sites along the Virgin River. One hundred clasts were measured at each site and were analyzed for percentage finer than various diameters in millimeters. The purpose was to document the size of the armor material available for movement downstream. The reach of the river along which the samples were collected extends from the gaging station near Littlefield, Arizona, to near the mouth where the river ends at Lake Mead, Nevada.

Cross Section	Latitude	Longitude	Site Description	Date	Armor Material Diameter % Finer Than 2.00 mm	Armor Material Diameter % Finer Than 4.00 mm
1-1	36°53'29"	113°55'27"	In Channel	02/07/95	0	5
1-2	36°53'28"	113°55'29"	Gravel Bar toward right bank	02/07/95	0	4
1-4	36°53'23"	113°55'29"	In Channel	02/07/95	0	2
2-2	36°49'23"	113°59'36"	In Channel toward right bank	02/13/95	0	0
2-3	36°49'17"	113°59'34"	In Channel mainly from center of channel to the left	02/13/95	2	10
3-3	36°47'48"	114°04'17"	In Channel-channel has patches of fines	02/13/95	25	25
3-4	36°47'44"	114°04'22"	In Channel	02/13/95	25	27
4-1	36°44'42"	114°11'07"	In Channel and gravel bar and right bank that are covered during high flow	02/14/95	1	2
6-2	36°43'43"	114°13'34"	Deposit from 3-12-95 flood. Filled in former channel on right bank	03/29/95	0	0

Cross Section	Armor Material Diameter % Finer Than 8.00 mm	Armor Material Diameter % Finer Than 16.0 mm	Armor Material Diameter % Finer Than 32.0 mm	Armor Material Diameter % Finer Than 64.0 mm	Armor Material Diameter % Finer Than 128 mm	Armor Material Diameter % Finer Than 256 mm	Armor Material Diameter % Finer Than 512 mm
1-1	11	26	74	91	98	100	--
1-2	11	17	43	93	100	--	--
1-4	6	13	31	64	88	100	--
2-2	1	7	31	69	100	--	--
2-3	19	29	56	89	100	--	--
3-3	26	34	43	69	94	100	--
3-4	31	44	56	87	97	100	--
4-1	12	40	65	92	98	100	--
6-2	2	10	29	69	97	100	--

VIRGIN RIVER SEDIMENT STUDY--continued

During February and March, samples were collected from the bed of the channel at several sites along the Virgin River. Samples were analyzed for percentage finer than various diameters in millimeters. The purpose was to document the size of the bed material available for movement downstream. The reach of the river along which the samples were collected extends from the gaging station near Littlefield, Arizona, to near the mouth where the river ends at Lake Mead, Nevada.

Cross Section	Latitude	Longitude	Sam-ple	Site Description	Date	Verticals In Composite	Bed Material. Sieve Diameter % Finer Than .062 mm	Bed Material. Sieve Diameter % Finer Than .125 mm	Bed Material. Sieve Diameter % Finer Than .250 mm
1-1	36°53'29"	113°55'27"	A	High and low flow channel	02/07/95	5	4	13	54
1-1			B			5	4	13	50
1-2	36°53'28"	113°55'29"	A	High and low flow channel	02/07/95	7	1	4	20
1-2			B			7	3	4	22
1-3	36°53'26"	113°55'29"	A	High and low flow channel	02/07/95	7	3	8	24
1-3			B			7	3	9	25
1-4	36°53'23"	113°55'29"	A	High flow channel	02/07/95	6	30	48	83
1-4			B			6	28	49	83
2-1	36°49'28"	113°59'31"	A	High and low flow channel	02/13/95	6	1	4	52
2-1			B			6	1	5	53
2-2	36°49'23"	113°59'36"	A	High and low flow channel	02/13/95	8	0	2	21
2-2			B			8	0	2	21
3-1	36°47'45"	114°04'05"	A	High and low flow channel	02/13/95	8	0	0	16
3-1			B			8	0	1	16
3-2	36°47'46"	114°04'09"	A	High and low flow channel	02/13/95	8	0	0	15
3-2			B			8	0	0	16
3-4	36°47'44"	114°04'22"	A	High flow channel	02/13/95	8	7	19	62
3-4			B			8	5	21	63
4-1*	36°44'42"	114°11'07"	A	Composite	02/14/95		8	13	27
4-1*			B				10	14	30
4-1	36°44'42"	114°11'07"	A	High flow channel	02/14/95	3	18	28	42
4-1			B			3	19	27	40
4-1	36°44'42"	114°11'07"	A	Low flow channel	02/14/95	8	0	1	16
4-1			B			8	0	0	18
4-2*	36°44'40"	114°11'11"	A	Composite	02/14/95		5	11	28
4-2*			B				8	13	31
4-2	36°44'40"	114°11'11"	A	High flow channel	02/14/95	3	28	42	50
4-2			B			3	23	34	61
4-2	36°44'40"	114°11'11"	A	Low flow channel.	02/14/95	8	1	2	17
4-2			B			8	1	2	17
4-3	36°44'37"	114°11'15"	A	Low flow channel	02/14/95	8	0	0	19
4-3			B			8	0	1	23
6-1	36°43'47"	114°13'33"	A	3/12/95 flood deposit	03/29/95	8	21	45	89
6-1			B			8	13	50	89
6-2	36°43'43"	114°13'34"	A	3/12/95 flood deposit	03/29/95	8	10	22	51
6-2			B			8	8	24	50
7-1	36°40'53"	114°17'22"	A	High and low flow channel	03/02/95	8	1	4	33
7-1			B			8	1	3	28
7-2	36°40'48"	114°17'44"	A	High and low flow channel	03/02/95		0	2	24
7-2			B				0	2	25
7-3	36°40'27"	114°17'57"	A	High and low flow channel	03/02/95	8	1	2	24
7-3			B			8	0	3	24
8-2	36°37'47"	114°19'30"	A	High and low flow channel	03/02/95	8	0	1	23
8-2			B			8	0	1	24
8-3	36°37'38"	114°19'34"	A	High and low flow channel	03/02/95	8	0	2	26
8-3			B			8	0	2	25
8-4	36°37'32"	114°19'37"	A	High and low flow channel	03/02/95	8	1	5	36
8-4			B			8	1	5	35

VIRGIN RIVER SEDIMENT STUDY--continued

Cross Section	Bed Material. Sieve Diameter % Finer Than .500 mm	Bed Material. Sieve Diameter % Finer Than 1.00 mm	Bed Material. Sieve Diameter % Finer Than 2.00 mm	Bed Material. Sieve Diameter % Finer Than 4.00 mm	Bed Material. Sieve Diameter % Finer Than 8.00 mm	Bed Material. Sieve Diameter % Finer Than 16.0 mm	Bed Material. Sieve Diameter % Finer Than 32.0 mm
1-1	87	89	90	90	92	93	100
1-1	84	87	87	89	91	100	--
1-2	40	45	53	61	70	79	100
1-2	45	51	59	68	78	89	100
1-3	48	54	58	64	71	74	100
1-3	51	56	61	67	72	75	100
1-4	94	96	97	98	99	100	--
1-4	94	96	97	99	99	100	--
2-1	99	100	--	--	--	--	--
2-1	100	--	--	--	--	--	--
2-2	71	76	79	81	84	87	100
2-2	75	80	83	86	88	89	100
3-1	72	83	89	93	100	--	--
3-1	75	86	92	96	100	--	--
3-2	72	86	92	96	100	--	--
3-2	77	89	94	98	100	--	--
3-4	87	90	92	92	93	94	100
3-4	87	90	92	92	93	94	100
4-1*	59	62	66	70	76	86	100
4-1*	56	61	64	69	76	85	100
4-1	50	53	57	62	71	79	100
4-1	47	51	54	60	69	81	100
4-1	65	70	74	77	81	91	100
4-1	66	72	75	79	83	89	100
4-2*	66	73	76	80	83	89	100
4-2*	68	73	77	81	84	90	100
4-2	64	67	70	73	76	82	100
4-2	70	73	76	79	82	91	100
4-2	67	74	79	82	86	91	100
4-2	66	73	78	82	85	89	100
4-3	68	77	82	86	89	91	100
4-3	74	84	89	92	100	--	--
6-1	98	99	99	100	--	--	--
6-1	99	99	100	--	--	--	--
6-2	72	76	78	81	84	87	100
6-2	69	73	76	78	82	86	100
7-1	76	82	85	89	100	--	--
7-1	64	69	72	75	100	--	--
7-2	83	88	91	93	95	96	100
7-2	83	88	90	92	94	96	100
7-3	74	79	81	83	85	90	100
7-3	75	80	82	84	86	88	100
8-2	88	94	94	94	95	96	100
8-2	90	96	97	97	98	100	--
8-3	89	96	98	99	100	--	--
8-3	88	95	97	98	98	100	--
8-4	82	85	86	87	88	88	100
8-4	81	84	86	87	88	88	100

* Composite refers to the separate high-flow and low-flow channel samples listed for the site being combined to obtain a composite for the entire cross section.

Irrigated potato field in Diamond Valley, 1961 Photographer unknown

GROUND WATER AND PROJECT RECORDS

STATE OF NEVADA--HYDROGRAPHIC AREAS

1-NORTHWEST REGION

1. Pueblo V.
2. Continental Lake V.
3. Gridley Lake V.
4. Virgin V.
5. Sage Hen V.
6. Guano V.
7. Swan Lake V.
8. Massacre Lake V.
9. Long V.
10. Macy Flat
11. Coleman V.
12. Mosquito V.
13. Warner V.
14. Surprise V.
15. Boulder V.
16. Duck Lake V.

2-BLACK ROCK DESERT REGION

17. Pilgrim Flat
18. Painter Flat
19. Dry V.
20. Sano V.
21. Smoke Creek Desert
22. San Emidio Desert
23. Granite Basin
24. Hualapai Flat
25. High Rock Lake V.
26. Mud Meadow
27. Summit Lake V.
28. Black Rock Desert
29. Pine Forest V.
30. Kings River V.
    (A) Rio King Subarea
    (B) Sod House Subarea
31. Desert V.
32. Silver State V.
33. Quinn River V.
    (A) Orovada Subarea
    (B) McDermitt Subarea

3-SNAKE RIVER BASIN

34. Little Owyhee River Area
35. South Fork Owyhee River Area
36. Independence V.
37. Owyhee River Area
38. Bruneau River Area
39. Jarbidge River Area
40. Salmon Falls Creek Area
41. Goose Creek Area

4-HUMBOLDT RIVER BASIN

42. Marys River Area
43. Starr V. Area
44. North Fork Area
45. Lamoille V.
46. South Fork Area
47. Huntington V.
48. Dixie Creek -- Tenmile Creek Area
49. Elko Segment
50. Susie Creek Area
51. Maggie Creek Area
52. Marys Creek Area
53. Pine V.
54. Crescent V.
55. Carico Lake V.
56. Upper Reese River V.
57. Antelope V.
58. Middle Reese River V.
59. Lower Reese River V.
60. Whirlwind V.
61. Boulder Flat
62. Rock Creek V.
63. Willow Creek V.
64. Clovers Area
65. Pumpernickel V.
66. Kelly Creek Area
67. Little Humboldt V.
68. Hardscrabble Area
69. Paradise V.
70. Winnemucca Segment
71. Grass V.
72. Imlay Area
73. Lovelock V.
    (A) Oreana Subarea
74. White Plains

5-WEST CENTRAL REGION

75. Bradys Hot Springs Area
76. Fernley Area
77. Fireball V.
78. Granite Springs V.
79. Kumiva V.

6-TRUCKEE RIVER BASIN

80. Winnemucca Lake V.
81. Pyramid Lake V.
82. Dodge Flat
83. Tracy Segment
84. Warm Springs V.
85. Spanish Springs V.
86. Sun V.
87. Truckee Meadows
88. Pleasant V.
89. Washoe V.
90. Lake Tahoe Basin
91. Truckee Canyon Segment

7-WESTERN REGION

92. Lemmon V.
    (A) Western Part
    (B) Eastern Part
93. Antelope V.
94. Bedell Flat
95. Dry V.
96. Newcomb Lake V.
97. Honey Lake V.
98. Skedaddle Creek V.
99. Red Rock V.
100. Cold Spring V.
    (A) Long V.

8-CARSON RIVER BASIN

101. Carson Desert
    (A) Packard V.
102. Churchill V.
103. Dayton V.
104. Eagle V.
105. Carson Valley

9-WALKER RIVER BASIN

106. Antelope V.
107. Smith V.
108. Mason V.
109. East Walker Area
110. Walker Lake V.
    (A) Schurz Subarea
    (B) Lake Subarea
    (C) Whisky Flat -- Hawthorne Subarea

10-CENTRAL REGION

111. Alkali V. (Mineral).
    (A) Northern Part
    (B) Southern Part
112. Mono V.
113. Huntoon V.
114. Teels Marsh V.
115. Adobe V.
116. Queen V.
117. Fish Lake V.
118. Columbus Salt Marsh V.
119. Rhodes Salt Marsh V.
120. Garfield Flat
121. Soda Spring V.
    (A) Eastern Part
    (B) Western Part
122. Gabbs V.
123. Rawhide Flats
124. Fairview V.
125. Stingaree V.
126. Cowkick V.
127. Eastgate V. Area
128. Dixie V.
129. Buena Vista V.
130. Pleasant V.
131. Buffalo V.
132. Jersey V.
133. Edwards Creek V.
134. Smith Creek V.
135. Ione V.
136. Monte Cristo V.
137. Big Smoky V.
    (A) Tonopah Flat
    (B) Northern Part
138. Grass V.
139. Kobeh V.
140. Monitor V.
    (A) Northern Part
    (B) Southern Part
141. Ralston V.
142. Alkali Spring V. (Esmeralda)
143. Clayton V.
144. Lida V.
145. Stonewall Flat
146. Sarcobatus Flat
147. Gold Flat
148. Cactus Flat
149. Stone Cabin V.
150. Little Fish Lake V.
151. Antelope V. (Eureka & Nye)
152. Stevens Basin
153. Diamond V.
154. Newark V.
155. Little Smoky V.
    (A) Northern Part
    (B) Central Part
    (C) Southern Part
156. Hot Creek V.
157. Kawich V.
158. Emigrant V.
    (A) Groom Lake V.
    (B) Papoose Lake V.
159. Yucca Flat
160. Frenchman Flat
161. Indian Springs V.
162. Pahrump V.
163. Mesquite V. (Sandy V.)
164. Ivanpah V.
    (A) Northern Part
    (B) Southern Part
165. Jean Lake V.
166. Hidden V. (South)
167. Eldorado V.
168. Three Lakes V. (Northern Part)
169. Tikapoo V. (Tickaboo V.)
    (A) Northern Part
    (B) Southern Part
170. Penoyer V. (Sand Spring V.)
171. Coal V.
172. Garden V.
173. Railroad V.
    (A) Southern Part
    (B) Northern Part
174. Jakes V.
175. Long V.
176. Ruby V.
177. Clover V.
178. Butte V.
    (A) Northern Part (Round V.)
    (B) Southern Part
179. Steptoe V.
180. Cave V.
181. Dry Lake V.
182. Delamar V.
183. Lake V.
184. Spring V.
185. Tippett V.
186. Antelope V. (White Pine & Elko)
    (A) Southern Part
    (B) Northern Part
187. Goshute V.
188. Independence V. (Pequop V.)

11-GREAT SALT LAKE BASIN

189. Thousand Springs V.
    (A) Herrill Siding--Brush Creek Area
    (B) Toano--Rock Spring Area
    (C) Rocky Butte Area
    (D) Montello--Crittenden Creek Area (Montello V.)
190. Grouse Creek V.
191. Pilot Creek V.
192. Great Salt Lake Desert
193. Deep Creek V.
194. Pleasant V.
195. Snake V.
196. Hamlin V.

12-ESCALANTE DESERT

197. Escalante Desert

13-COLORADO RIVER BASIN

198. Dry V.
199. Rose V.
200. Eagle V.
201. Spring V.
202. Patterson V.
203. Panaca V.
204. Clover V.
205. Lower Meadow Valley Wash
206. Kane Springs V.
207. White River V.
208. Pahroc V.
209. Pahranagat V.
210. Coyote Spring V.
211. Three Lakes V. (Southern Part)*
212. Las Vegas V.
213. Colorado V.
214. Piute V.
215. Black Mountains Area
216. Garnet V. (Dry Lake V.)*
217. Hidden V. (North)*
218. California Wash
219. Muddy River Springs Area (Upper Moapa V.)
220. Lower Moapa V.
221. Tule Desert
222. Virgin River V.
223. Gold Butte Area
224. Greasewood Basin

*Noncontributing part of the Colorado River Basin

14-DEATH VALLEY BASIN

225. Mercury V.
226. Rock V.
227. Fortymile Canyon
    (A) Jackass Flats
    (B) Buckboard Mesa
228. Oasis V.
229. Crater Flat
230. Amargosa Desert
231. Grapevine Canyon
232. Oriental Wash

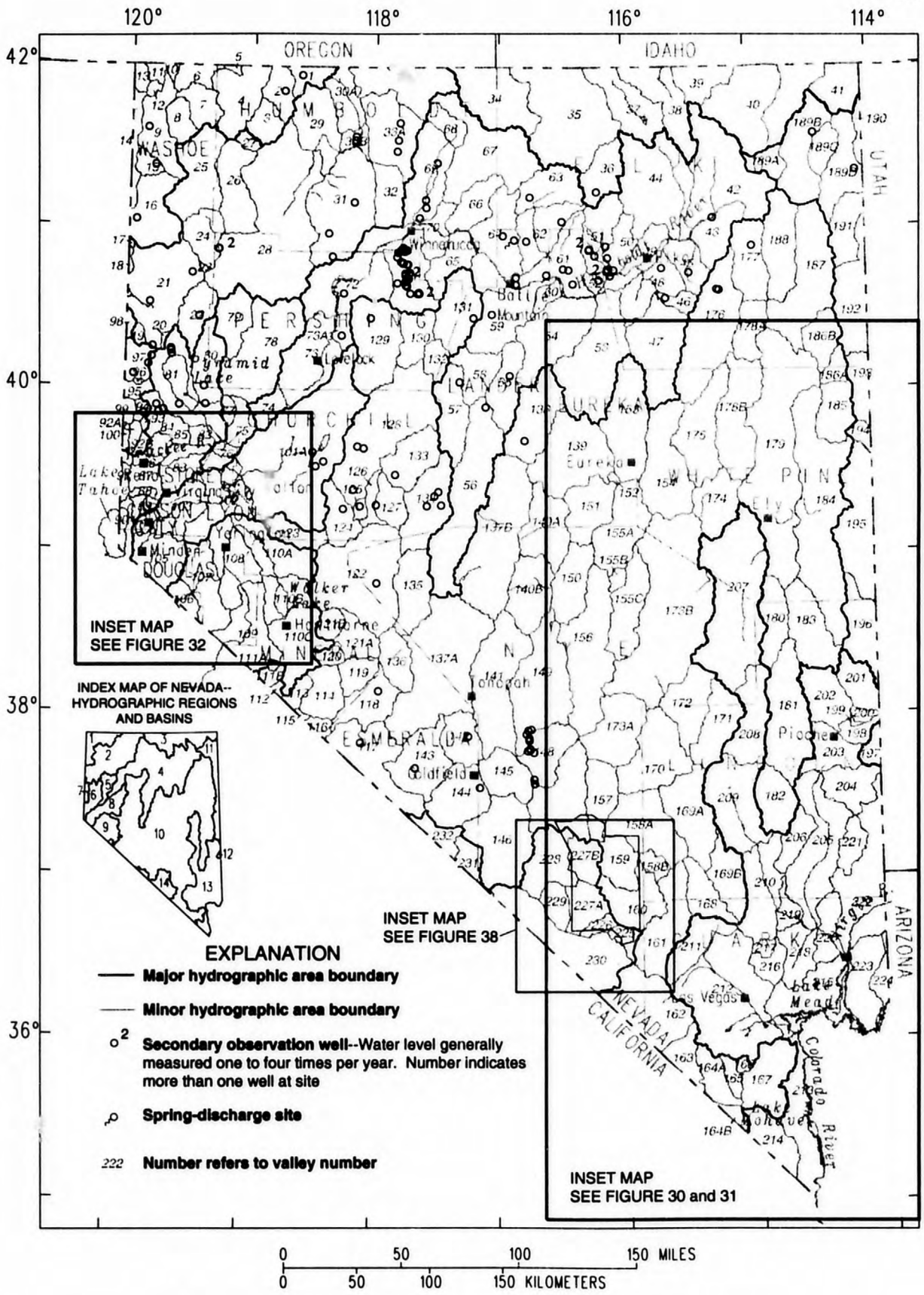


Figure 29. Observation wells and selected springs listed in this report.

GROUND-WATER LEVELS, PRIMARY OBSERVATION WELLS

PARADISE VALLEY

412910117321001. Local number, 69 N42 E39 25CAC1.

LOCATION.--Lat 41°29'10", long 117°32'10", Hydrologic Unit 16040109, in Humboldt County.
Owner: R. Day and T. Boggio.

AQUIFER.--Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Dug unused well, diameter 6 ft, depth 17.4 ft, cased with iron.

INSTRUMENTATION.--Water-level recorder since June 1987, hourly.

DATUM.--Elevation of land-surface datum is 4,523 ft above sea level, from topographic map. Measuring point: Angle iron 5.03 ft below land-surface datum.

REMARKS.--In Paradise Valley.

PERIOD OF RECORD.--1945, (unpublished and available in the files of the U. S. Geological Survey); 1946 through 1974, monthly; 1975, monthly (unpublished and available in the files of the U. S. Geological Survey); 1976 to 1987, monthly; 1987 to current year, hourly.

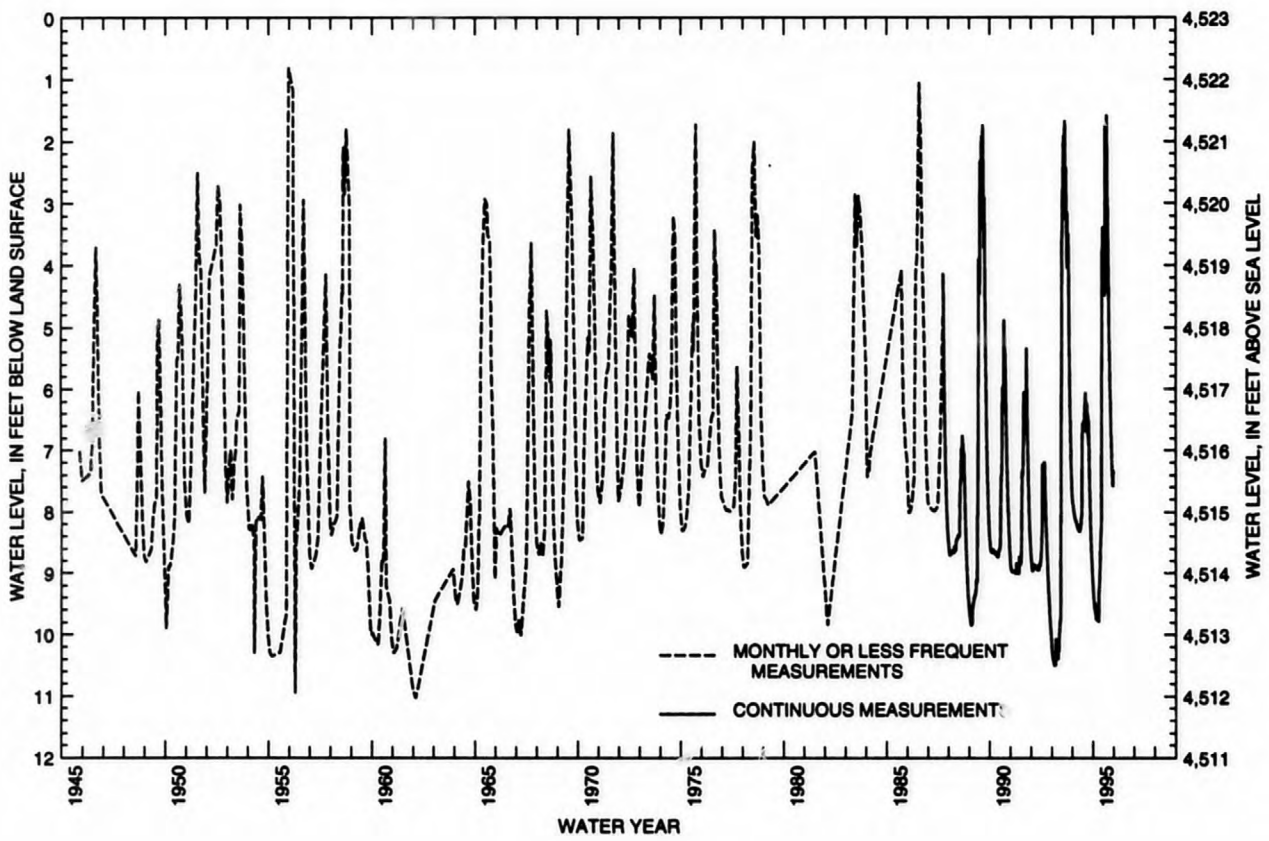
REVISED RECORDS.--WDR-NV-86-1: 1984-85.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.80 ft below land-surface datum, September 23, 1955; lowest measured, 11.03 ft below land-surface datum, November 16, 1961.

WATER LEVELS, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	9.21	9.60	9.62	9.78	8.82	6.11	3.46	2.77	1.83	4.43	6.19	7.28
10	9.33	9.58	9.67	9.65	8.61	4.48	3.77	1.98	2.51	4.79	6.41	7.41
15	9.40	9.66	9.69	9.28	8.47	3.73	3.95	2.31	3.01	5.12	6.62	7.54
20	9.47	9.66	9.72	9.24	8.36	3.69	4.16	2.72	3.32	5.41	6.80	7.55
25	9.52	9.72	9.75	9.14	8.26	3.43	4.37	3.00	3.71	5.64	6.97	7.36
EOM	9.58	9.75	9.76	8.97	8.20	3.50	4.40	1.72	4.07	5.95	7.14	7.36

WATER YEAR 1995 HIGHEST 1.58 JUN 2 LOWEST 9.79 JAN 7



GROUND-WATER LEVELS, PRIMARY OBSERVATION WELLS

CARSON DESERT

392825118470501. Local number, 101 N19 E28 36AABC1.

LOCATION.--Lat 39°28'25", long 118°47'05", Hydrologic Unit 16050203, in Churchill County.
Owner: City of Fallon.

AQUIFER.--Volcanic rocks of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused well, diameter 14 in., depth 813 ft, cased to 540 ft, perforated 505 to 540 ft.

INSTRUMENTATION.--Water-level recorder since August 1983, hourly.

DATUM.--Elevation of land-surface datum is 3,962 ft. Measuring point: Edge of recorder shelf, 0.31 ft above land-surface datum.

REMARKS.--Mori Well.

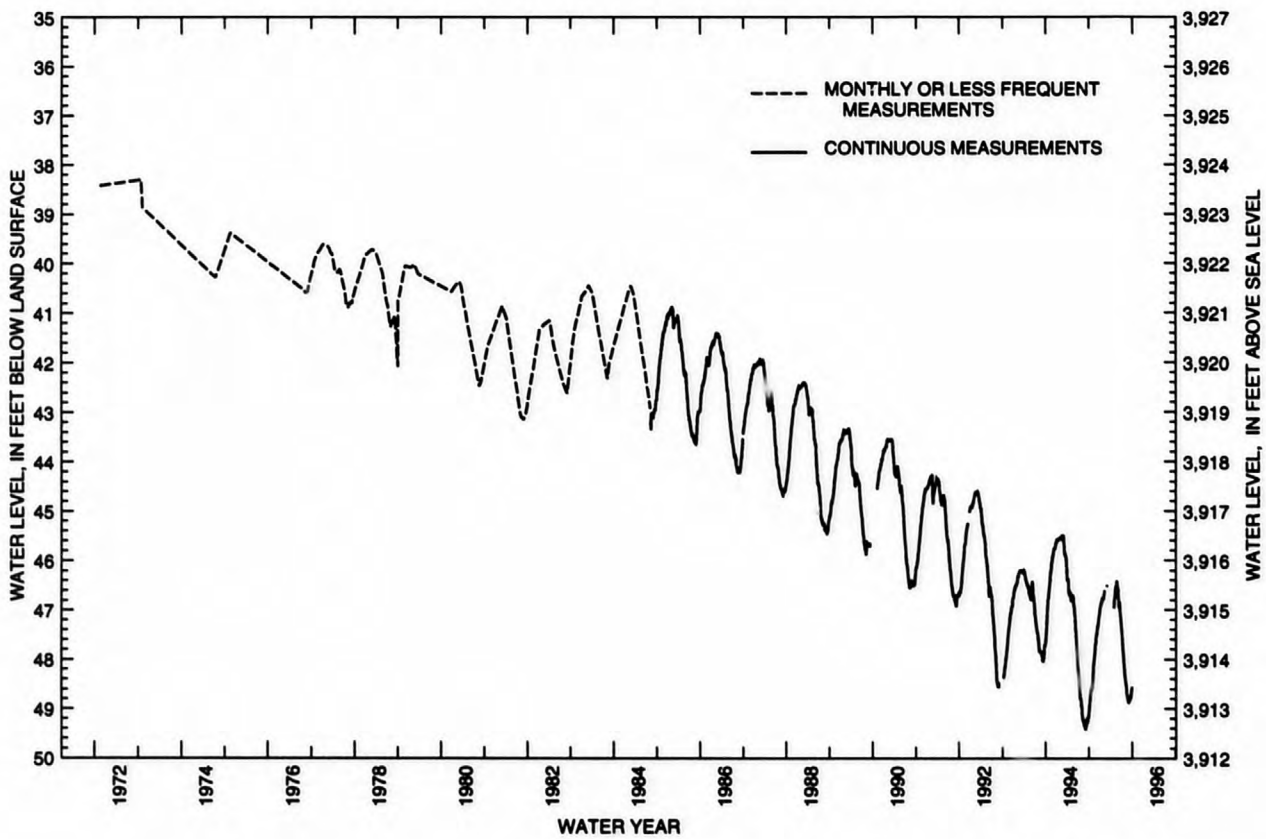
PERIOD OF RECORD.--1971, 1972, 1974; 1976 to August 1983, monthly; August 1983 to September 1986, hourly (unpublished and available in the files of the U. S. Geological Survey); September 1986 to current year, hourly.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.30 ft below land-surface datum, October 9, 1972; lowest recorded, 49.42 ft below land-surface datum, August 31, September 1-4, 1994.

WATER LEVELS, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	48.97	48.37	47.51	46.98	46.75	46.50	---	46.96	46.60	47.35	48.42	48.84
10	48.85	48.13	47.46	46.92	46.69	---	---	46.76	46.75	47.52	48.48	48.80
15	48.71	48.03	47.36	46.87	---	---	---	46.63	46.95	47.75	48.56	48.76
20	48.61	47.89	47.30	46.85	---	---	---	46.53	46.86	47.92	48.72	48.75
25	48.62	47.72	47.19	46.78	---	---	---	46.44	47.04	48.07	48.79	48.65
EOM	48.56	47.66	47.10	46.78	---	---	---	46.51	47.21	48.29	48.86	48.56

WATER YEAR 1995 HIGHEST 46.41 MAY 26-28 LOWEST 49.11 OCT 1



GROUND-WATER LEVELS, PRIMARY OBSERVATION WELLS

STEPTOE VALLEY

393310114475001. Local number, 179 N20 E64 32C2

LOCATION.--Lat 39°33'10" long 114°47'50", Hydrologic Unit 16060008, in White Pine County.
Owner: U. S. Geological Survey.

AQUIFER.--Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Drilled test well, diameter 10 in., depth 122 ft, cased to 122 ft, perforated 20 to 120 ft.

INSTRUMENTATION.--Water-level recorder since August 1983, hourly.

DATUM.--Elevation of land-surface datum is 6,037 ft above sea level, from topographic map. Measuring point: Top of casing, 1.0 ft above land-surface datum or arrow on gage floor, 3.86 ft above land-surface datum.

REMARKS.--In Steptoe Valley.

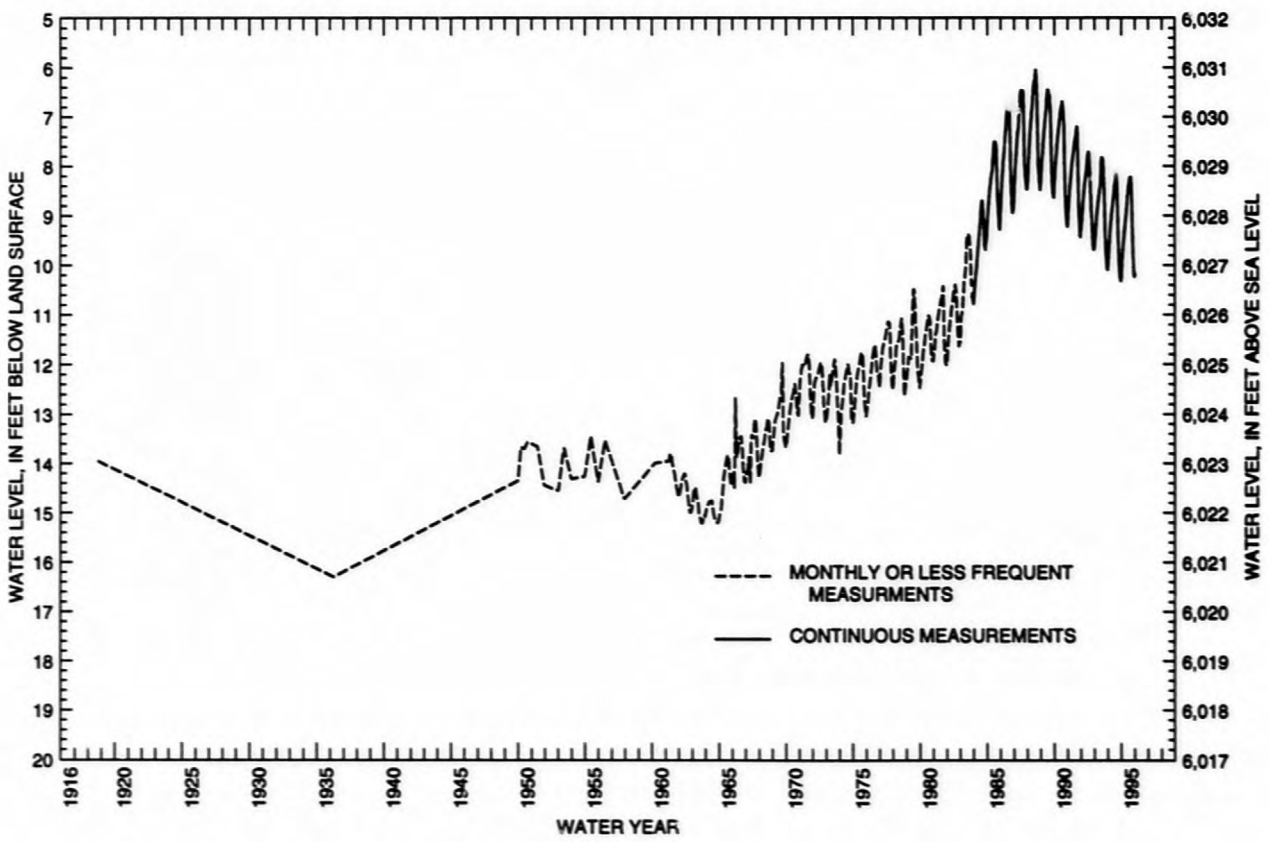
PERIOD OF RECORD.--1918, 1936, 1949 (unpublished and available in the files of the U.S. Geological Survey); 1950 through 1957, semi-annually; 1959, yearly; January 1961 through September 1983, monthly; October 1983 to current year, hourly.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.03 ft below land-surface datum, May 5, 1988; lowest measured, 16.30 ft below land-surface datum, January 2, 1936.

WATER LEVELS, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	10.08	9.68	9.42	9.16	8.95	8.69	8.44	8.28	8.24	8.75	9.67	10.18
10	9.99	9.63	9.37	9.13	8.91	8.64	8.41	8.27	8.23	8.92	9.79	10.20
15	9.91	9.59	9.33	9.09	8.87	8.61	8.38	8.25	8.32	9.09	9.89	10.21
20	9.84	9.54	9.30	9.07	8.83	8.55	8.36	8.25	8.40	9.23	9.99	10.23
25	9.79	9.49	9.25	9.03	8.77	8.52	8.33	8.25	8.50	9.37	10.05	10.20
EOM	9.73	9.46	9.21	8.99	8.75	8.47	8.32	8.25	8.64	9.56	10.14	10.16

WATER YEAR 1995 HIGHEST 8.21 JUN 7,8 LOWEST 10.24 SEP 20-22



GROUND-WATER LEVELS, PRIMARY OBSERVATION WELLS

LAS VEGAS VALLEY

361843115161001. Local number, 212 S19 E60 09BCC1.

LOCATION.--Lat 36°18'43", long 115°16'10", Hydrologic Unit 15010015, in Clark County.
Owner: J. P. Goumond.

AQUIFER.--Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused observation well, diameter 10 in., depth 830 ft, cased to 140 ft.

INSTRUMENTATION.--Noon graphic daily recorder.

DATUM.--Elevation of land-surface datum is 2,510 ft. Measuring point: Top of casing, 0.5 ft above land-surface datum.

REMARKS.--Measurements supplied by Office of Nevada State Engineer.

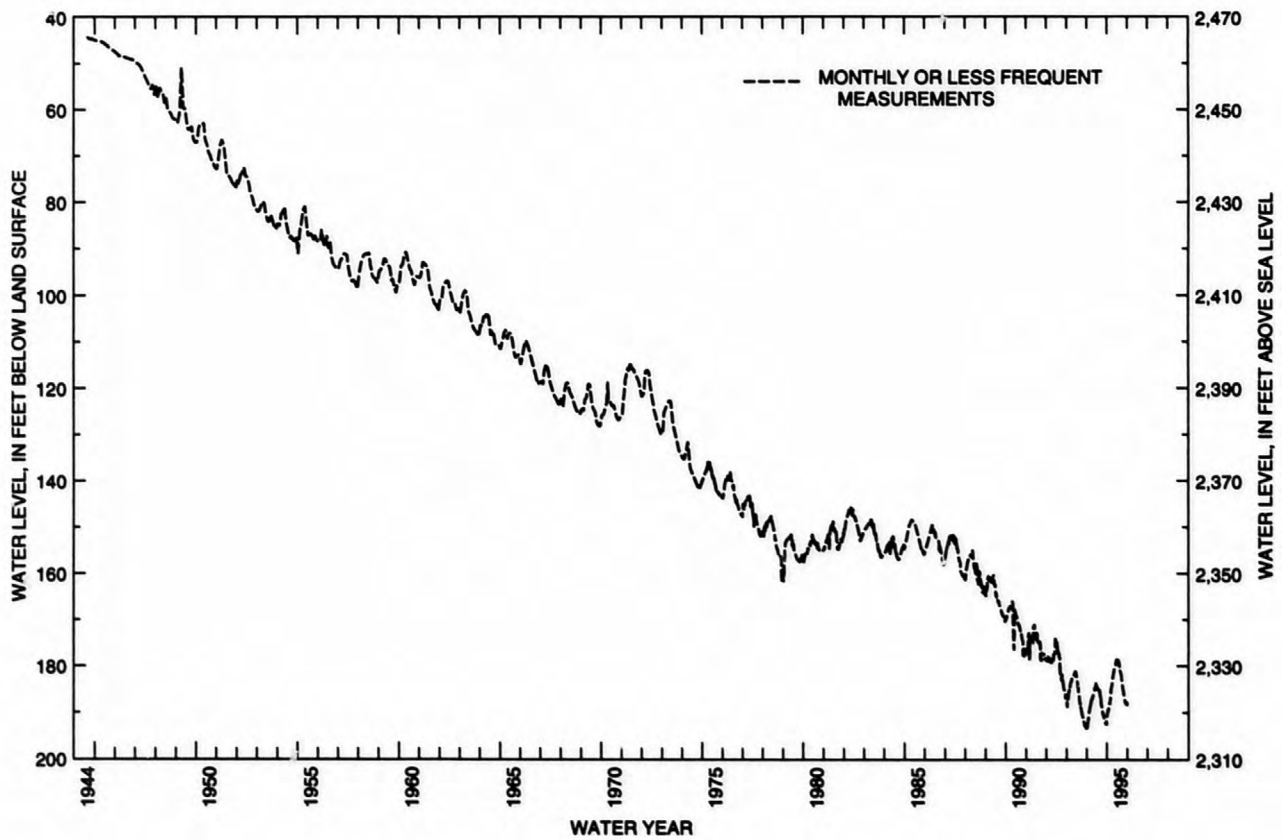
PERIOD OF RECORD.--1944, 1945 through 1949, every 5 days (unpublished and available in the files of the Nevada Division of Water Resources); 1950 through 1974, monthly; 1975 to current year, continuous (available in the files of the Nevada Division of Water Resources).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 44.30 ft below land-surface datum, May 15, 1944; lowest measured, 193.74 ft below land-surface datum, October 5, 1993.

WATER LEVELS, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	190.39	188.88	186.68	--	180.85	179.68	178.79	179.08	181.35	183.60	186.56	188.10
10	190.05	188.00	185.21	182.68	180.60	179.24	179.32	179.78	181.95	184.50	186.66	--
15	189.73	187.70	184.80	182.16	180.34	178.98	--	180.70	182.10	185.11	187.09	188.13
20	189.19	188.16	184.35	181.50	179.96	178.78	--	180.91	182.82	185.21	187.23	187.92
25	189.40	187.48	184.15	181.58	179.82	178.65	178.60	180.88	183.00	185.83	187.70	187.72
EOM	189.22	187.36	183.68	181.22	179.71	178.64	179.32	181.30	183.56	186.15	188.09	188.42

WATER YEAR 1995 HIGHEST 178.42 MAR 28 LOWEST 190.39 OCT 5



GROUND-WATER LEVELS, PRIMARY OBSERVATION WELLS

LAS VEGAS VALLEY--Continued

361611115151301. Local number, 212 S19 E60 27BDC1.

LOCATION.--Lat 36°16'11", long 115°15'13", Hydrologic Unit 15010015, in Clark County.
Owner: U. S. Geological Survey.

AQUIFER.--Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused artesian observation well, diameter 6 in., depth 905 ft, cased to 84 ft.

DATUM.--Elevation of land-surface datum is 2,360 ft above sea level, from topographic map. Measuring point: Hole on west side of casing, 1.2 ft above land-surface datum.

REMARKS.--Annual groundwater network; weekly measurements with steel tape supplied by Office of Nevada State Engineer and U.S. Geological Survey personnel.

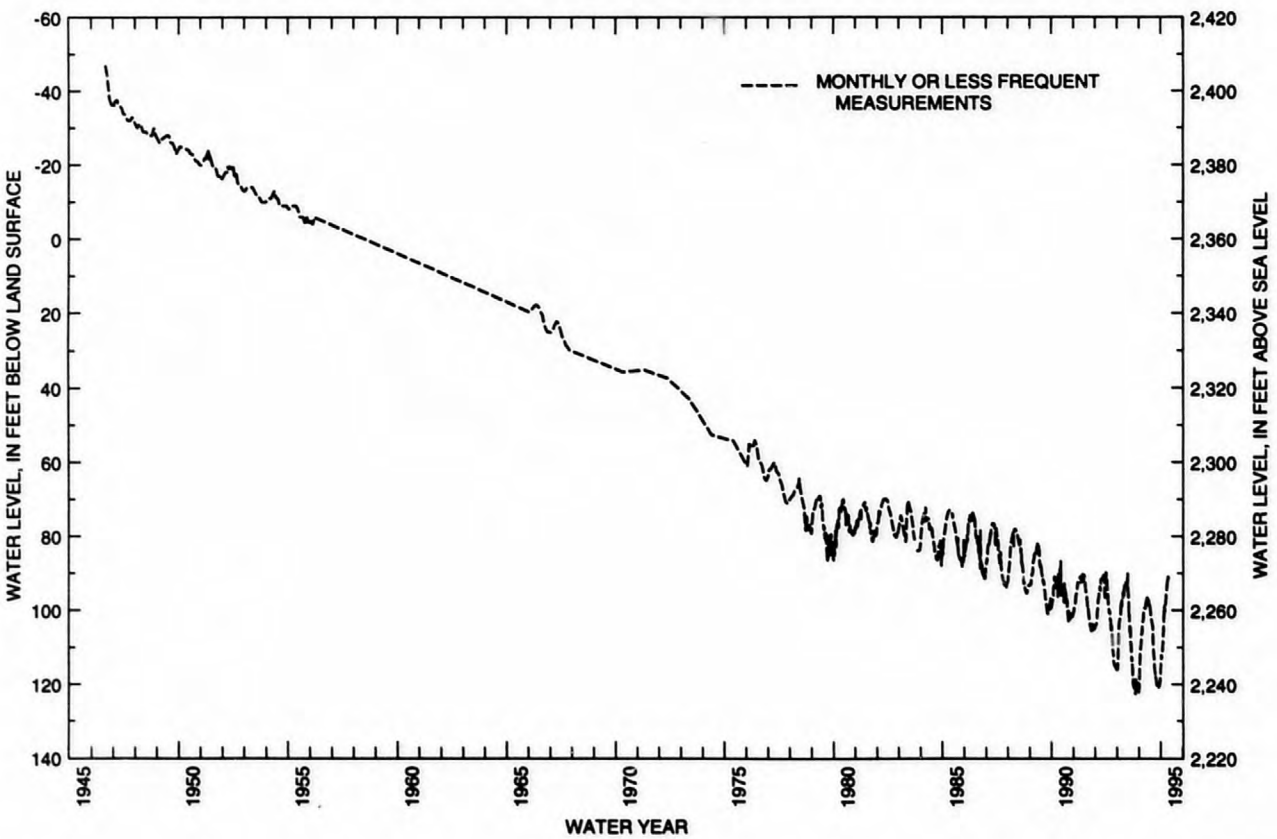
PERIOD OF RECORD.--June 1946 to March 1974, monthly (unpublished and available in the files of the U. S. Geological Survey); February 1975 to December 1978, monthly; January 1979 to current year, weekly.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 46.90 ft above land-surface datum, June 3, 1946; lowest measured, 122.64 ft below land-surface datum, August 2, 1993.

WATER LEVELS, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 3	115.58	NOV 7	109.32	DEC 5	100.45	JAN 3	95.09	FEB 6	91.49
10	111.93	14	106.22	13	99.91	4	94.80	13	91.08
17	112.88	21	102.85	19	98.19	9	93.90		
25	111.87	28	98.76	27	96.80	17	93.04		
						31	90.64		

WATER YEAR 1995 HIGHEST 90.64 JAN 31 LOWEST 115.58 OCT 3



GROUND-WATER LEVELS, PRIMARY OBSERVATION WELLS

LAS VEGAS VALLEY--Continued

360846115091401. Local number, 212 S21 E61 04DDBA1.

LOCATION.--Lat 36°08'46", long 115°09'14", Hydrologic Unit 15010015, in Clark County.
Owner: Boulder Dam Inc.

AQUIFER.--Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused observation well, diameter 8 in., depth 500 ft, cased to 500 ft.

DATUM.--Elevation of land-surface datum is 2,042 ft above sea level, from topographic map. Measuring point: Top of casing, 1.5 in. nipple on southwest side, 1.3 ft above land-surface datum.

REMARKS.--Weekly measurements with steel tape supplied by U.S. Geological Survey personnel.

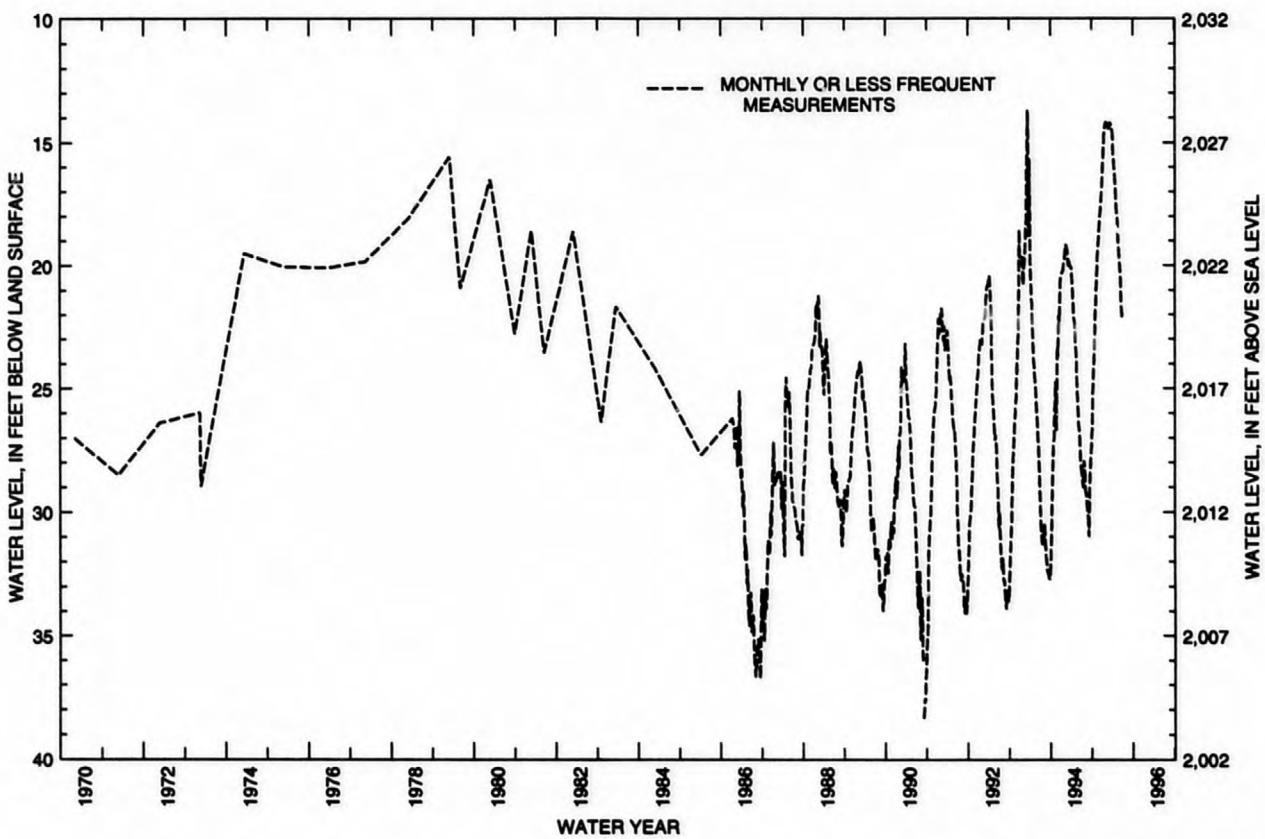
PERIOD OF RECORD.--1970 to 1980, yearly (unpublished and available in the files of the U.S. Geological Survey); 1981 through 1982, semi-annually; 1983 through 1985, yearly; January 1986 through September 1987, weekly (unpublished and available in the files of the U.S. Geological Survey); October 1988 to current year, weekly.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.68 ft below land-surface datum, March 15, 1993; lowest measured, 38.35 ft below land-surface datum, September 4, 1990.

WATER LEVELS, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 3	26.98	DEC 5	18.54	FEB 6	14.17	APR 3	14.65	JUN 5	19.90
10	25.39	13	17.95	13	14.34	10	15.55	12	20.44
25	23.42	19	17.68	21	14.34	17	15.96	20	21.70
		27	17.08	27	14.47	25	16.40	26	22.21
NOV 7	21.32	JAN 3	16.48	MAR 6	14.36	MAY 2	17.19		
14	20.52	9	15.88	13	14.19	9	17.79		
21	19.68	17	14.72	20	14.35	15	18.07		
28	19.17	31	14.23	28	14.47	22	18.78		

WATER YEAR 1995 HIGHEST 14.17 FEB 6 LOWEST 26.98 OCT 3



GROUND-WATER LEVELS, PRIMARY OBSERVATION WELLS

LAS VEGAS VALLEY--Continued

360349115100001. Local number, 212 S22 E61 04BCB1; previously published as 212 S22 E61 04BCC 1.

LOCATION.--Lat 36°04'40", long 115°10'14", Hydrologic Unit 15010015, in Clark County.
Owner: Fitzpatrick.

AQUIFER.--Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused observation well, diameter 8 in., depth 355 ft.

DATUM.--Elevation of land-surface datum is 2,219 ft above sea level, from topographic map. Measuring point: Hole in top of casing, 0.8 ft above land-surface datum.

REMARKS.--Annual ground-water network; weekly measurements with steel tape supplied by Office of Nevada State Engineer and U.S. Geological Survey personnel.

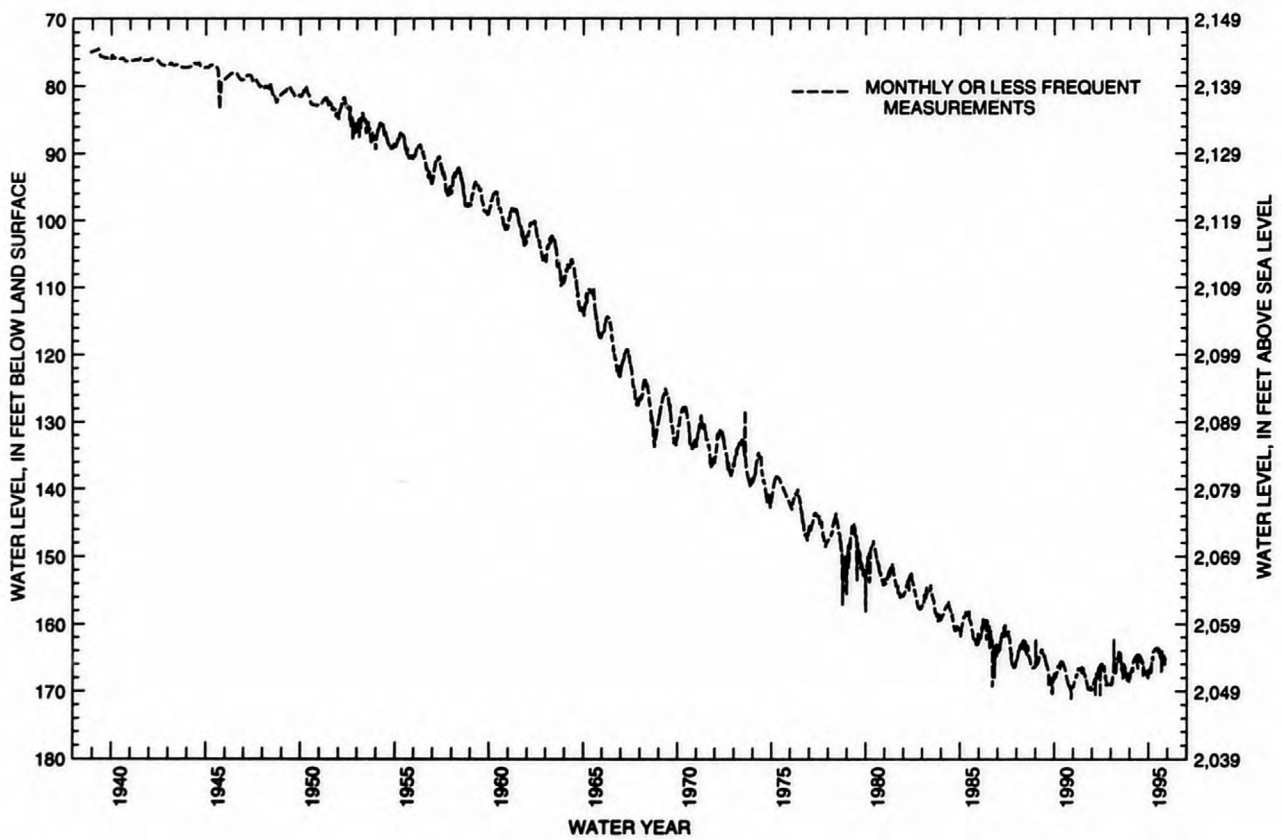
PERIOD OF RECORD.--1938 (unpublished and available in the files of the U.S. Geological Survey); January 1939 through December 1950, monthly; January 1951 through June 1978, continuous (unpublished and available in the files of the Nevada Division of Water Resources); July 1978 to current year, weekly.

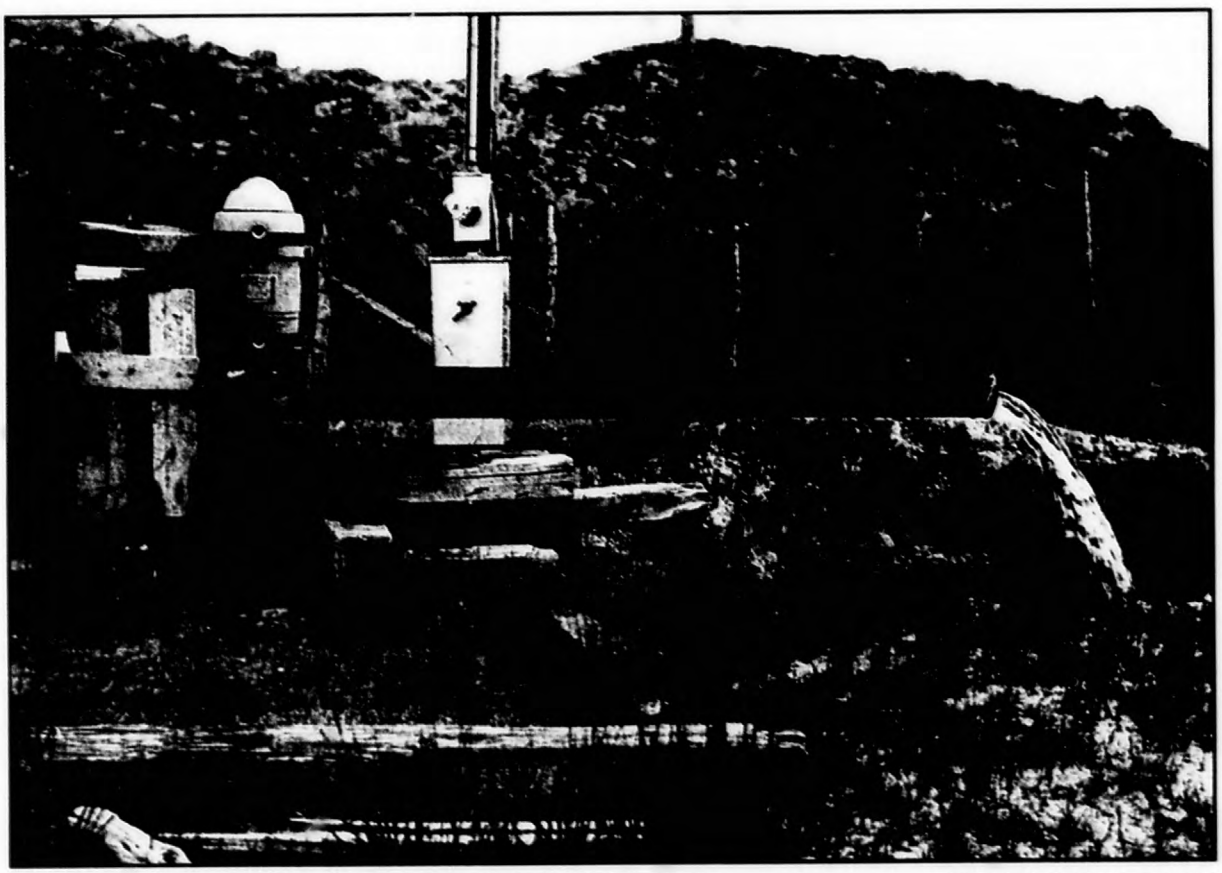
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 74.40 ft below land-surface datum, January 25, 1939; lowest measured, 183.36 ft below land-surface datum, June 15, 1992.

WATER LEVELS, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03	166.73	DEC 05	165.14	FEB 06	163.89	APR 03	163.64	JUN 05	164.10	AUG 11	166.09
10	166.94	13	165.27	13	163.58	10	164.29	12	167.17	14	165.04
25	166.59	19	164.87	21	163.89	17	163.80	20	163.99	21	165.34
		27	165.40	27	163.72	25	163.80	22	164.28		
								26	164.58		
NOV 07	167.13	JAN 03	164.04	MAR 06	163.79	MAY 02	163.81	JUL 10	164.51	SEP 20	165.36
21	167.31	09	164.28	13	163.58	09	164.74	17	165.18		
14	166.29	17	163.97	20	163.60	15	164.76	24	164.67		
28	165.69	31	163.86	25	163.51	22	165.09	25	165.15		
				28	163.63			31	164.98		

WATER YEAR 1995 HIGHEST 163.51 MAR 25 LOWEST 167.31 NOV 21





Irrigation well, Gamble Ranch, Thousand Springs Valley, 1967 Photographer unknown

GROUND-WATER LEVELS, SECONDARY OBSERVATION WELLS

County codes: 001, Churchill; 003, Clark; 007, Elko; 009, Esmeralda; 011, Eureka; 013, Humboldt; 015, Lander; 017, Lincoln; 019, Lyon; 021, Mineral; 023, Nye; 027, Pershing; 029, Storey; 031, Washoe; 033, White Pine.
Independent City code: 510, Carson City.
Water-use codes: C, commercial; F, fire; H, domestic; I irrigation; P, public supply; S, stock; U, unused.
Geologic-unit codes: 110VLFL, Quaternary valley fill, undifferentiated; 111FLDP, flood plain deposits; 122ALTA, Miocene ALTA Formation.
Aquifer codes: A, artesian; U, unknown; W, water table.
Locations of following sites are shown in figures 29, 31, 32, 33, 36, and 40

Local Well No	Site Identification	Owner	County	Water Use	Geologic Unit	Aquifer	Well Depth (Feet)
1 N47 E30 15CDCD1	415800118370001	Pine Forest Farms	013	I	110VLFL	U	200.
2 N45 E28 10CAB 1	415000118440001	Adler Creek Ranch	013	S	110VLFL	U	48.
9 N40 E20 13CCBD1	412250119475801	U.S Bureau of Land Management	031	S		U	234.
9 N43 E19 33BACC1	413630119520001		031	S	110VLFL	U	70.
16 N37 E18 34DADC1	410208119571301	U.S Bureau of Land Management	031	S		U	190.
21 N31 E19 27ADAD1	403200119490001	U.S. Bureau of Land Management	031	S	110VLFL	U	111.
21 N33 E22 27BAAC1	404314119285001		031	U		U	290.
22 N30 E23 29BACA1	402700119250001		031	U	110VLFL	U	109.
24 N35 E24 32DDCC1	405208119161501	U.S. Geological Survey	027	U	110VLFL	U	15.
24 N35 E24 32DDCC2	405208119161502	U.S. Geological Survey	027	U	110VLFL	A	66.
30B N42 E34 04BABC1	413253118101401		013	U		U	22.
30B N43 E34 28DBBB1	413412118100201		013	S		U	
31 N34 E32 11CBCC1	404934118220101	U.S. Bureau of Land Management	027	S		U	153.
31 N36 E32 22BABD1	405813118230501	U.S. Bureau of Land Management	013	S		U	140.
31 N38 E34 16CCCC1	410957118103001		013	S		U	55.
33A N42 E37 04BDCA1	413300117494001	Donald Morris	013	I	110VLFL	U	360.
33A N42 E37 32AAAC1	412854117495001	E. F. Runow	013	I	110VLFL	U	250.
33A N44 E37 27B	412934117483001	Albisu	013	I	110VLFL	U	550.
42 N37 E59 25BCBC1	410400115164001	Marble Ranch	007	H	110VLFL	U	14.
45 N33 E58 19ADDD1	404350115281001	H. Conrad	007	H	110VLFL	W	16.
46 N31 E56 16ADDA1	403400115400001		007	S	110VLFL	U	193.
48 N33 E56 08CAAD1	404521115395801	Mofat	007	H	110VLFL	W	12.
54 N29 E48 03BCDD1	402450116324001	Dean Ranch	011	S	110VLFL	A	53.
54 N29 E48 29CCCD1	402100116352001	Beowawe Farms	011	I	110VLFL	U	300.
55 N26 E45 28CBAB1	400540116550001	Henry Filippini	015	S	110VLFL	U	16.
56 N24 E43 35CC 1	395335117062401	Stienen Ranch	015	I	110VLFL	U	202.
57 N25 E41 12BCC 1	400320117190101	U.S. Geological Survey	015	U	110VLFL	W	60.
59 N30 E44 18AADB1	402831117034201	Copper Canyon Mining	015	I	110VLFL	U	264.
69 N37 E38 24ACC 1	410415117384701	U.S. Geological Survey	013	U	110VLFL	U	38.
69 N38 E39 09CCAB1	411056117354901	Dwight C. Vedder	013	S	110VLFL	U	44.
69 N38 E39 28CDDD1	410806117353501	W. G. Long	013	I	110VLFL	U	256.
69 N41 E40 30AABB1	412421117303301	Shelton School	013	U	110VLFL	U	27.
71 N32 E37 01CCCC2	404008117492602	Manual Allen	027	U		U	
71 N32 E37 01DBAA1	404033117453601	Northern Bear Property	027	U		U	
71 N32 E38 07CCCC1	403918117452001	H C Investment Co. Inc.	027	I		U	500.
71 N32 E38 07CDDD1	403919117445401	H C Investment Co. Inc.	027	I		U	454.
71 N32 E38 18ACCA1	403855117444801	U.S. Bureau of Land Management	027	U	110VLFL	U	130.
71 N32 E38 33BCCC1	403616117430801	Cecil Hardin	027	I	110VLFL	U	250.
71 N32 E38 36ABCA1	403634117390201	U.S. Geological Survey	027	U		U	150.
71 N32 E38 36ABCA2	403635117390202	U.S. Geological Survey	027	U		U	105.
71 N32 E38 36CBAC2	403612117393002	Dudley Hiibel	027	I	110VLFL	U	148.
71 N32 E38 36DAAA1	403613117384401	U.S. Geological Survey	027	U		U	171.
71 N32 E38 36DAAA2	403614117384202	U.S. Geological Survey	027	U		U	136.
71 N33 E37 13DDCB1	404342117453501	Great Western Land & Cattle	027	I		U	160.
71 N33 E37 24DAC 1	404258117453101	Lloyd Sweeney	027	U		U	133.
71 N33 E38 17ADCC1	404403117432201	Northern Bear Properties	027	I		U	
71 N33 E38 17CDDD1	404339117434101	Manual Allen	027	I		U	534.
71 N33 E38 30DAAA1	404210117443401	Garley and Amos Jr.	027	I		U	100.
71 N33 E38 31ADCC1	404125117443001	Nevada Land and Irrigation	027	I		U	614.
71 N33 E38 31CABB1	404125117450201	Nevada Land and Irrigation	027	I		U	409.
71 N33 E38 32BABB1	404138117441501	U.S. Bureau of Land Management	027	S	110VLFL	U	55.
71 N34 E37 04AABB1	405126117490001	Richards	027	I	110VLFL	U	204.
71 N34 E37 22DDDD1	404802117474001	Norman McCombs	027	S		U	75.
71 N34 E37 26ABCD1	404749117465801	McCombs Family Trust	027	I		U	510.
71 N34 E37 26DAAA1	404733117462901	Donnell & A Richard	027	I		U	420.
71 N34 E37 26DBAD1	404728117464801	Norman McCombs	027	I		U	
71 N34 E38 07DCDB1	404948117493701	Garret Vandiest Inc.	027	I	110VLFL	U	216.

GROUND-WATER LEVELS, SECONDARY OBSERVATION WELLS

Depths, diameter, and elevation: Depths are referenced to land-surface datum (LSD). Well depth, perforated interval, and elevation are rounded to nearest foot. Well diameter is rounded to nearest inch. Elevation is that of LSD, with reference to sea level.
Period of record: Interval shown spans period from earliest measurement to latest measurement, and may include intervals with no record.
Water Levels: Levels above LSD are listed as negative values.

Diam-meter (Inches)	Perforated Interval (Feet) Top	Bottom	Elevation (Feet Above Sea Level)	Period of Record	Water Levels (Feet Below Land Surface) Highest	Date	Lowest	Date	Current	Date
16.			4380.	1968	40.67	03/11/86	64.88	03/21/95	64.88	03/21/95
8.			4228.	1968	2.35	03/11/86	12.11	04/10/75	8.08	03/21/95
6.63	182.	-- 232.	5716.	1954					166.66	04/19/95
6.			5544.	1968	10.22	03/13/72	14.66	04/10/79	13.86	04/19/95
6.63	120.	-- 180.	4710.	1954	32.	09/23/54	38.23	04/18/95	38.23	04/18/95
6.			3953.	1966	37.91	09/15/66	55.31	07/14/88	53.52	04/19/95
16.			3930.	1966	.93	04/18/95	1.69	09/20/90	.93	04/18/95
6.			4013.	1966	45.20	04/09/69	58.28	04/17/95	58.28	04/17/95
1.5			3980.	1967	3.77	04/16/73	15.02	06/13/86	12.15	04/17/95
1.5			3980.	1967	-2.25	06/14/67	18.43	03/16/92	13.72	04/17/95
2.			4114.	1989	.34	09/19/63	5.06	03/21/95	5.06	03/21/95
8.			4125.	1989	.48	09/19/63	10.96	03/21/95	10.96	03/21/95
6.	83.	-- 153.	4178.	1957	70.	11/05/57	91.24	04/11/95	91.24	04/11/95
6.			4169.	1961	54.5	04/01/61	57.70	04/11/95	57.70	04/11/95
8.			4147.	1960	32.50	04/14/60	35.43	04/11/95	35.43	04/11/95
16.			4235.	1973	88.02	03/18/74	112.87	04/10/95	112.87	04/10/95
16.	150.	-- 250.	4200.	1971	46.06	04/10/85	78.11	04/29/71	65.50	04/10/95
16.	175.	-- 545.	4280.	1972	142.71	03/29/94	145.73	04/10/95	145.73	04/10/95
48.			5350.	1938	.32	04/28/69	20.80	02/26/45	6.24	03/22/95
48.			5950.	1934	.09	04/28/46	18.00	11/01/40	11.62	03/22/95
6.			5650.	1964	70.78	04/02/86	98.43	04/03/95	98.43	04/03/95
42.			5290.	1944	4.30	06/28/58	11.48	09/12/60	7.73	03/22/95
8.			4735.	1973	-1.38	04/04/89	.40	03/18/81	-.20	04/10/95
14.			4797.	1958	54.07	04/12/88	69.28	09/28/66	55.02	04/10/95
10.			5100.	1965	4.47	05/06/85	8.33	04/10/95	8.33	04/10/95
12.			6000.	1961	-1.83	03/26/85	4.05	04/04/95	4.05	04/04/95
1.5	65.	-- 67.	4948.	1964	38.83	04/15/70	58.54	08/05/64	57.15	04/04/95
12.			4605.	1947	5.25	03/16/51	7.20	03/20/95	7.20	03/20/95
1.3			4317.	1960	19.20	11/14/72	28.22	11/19/75	25.82	04/10/95
10.	20.	-- 75.	4317.	1968	8.10	11/08/71	37.39	03/21/95	37.39	03/21/95
16.			4317.	1968	9.86	04/18/72	34.57	03/21/95	34.57	03/21/95
8.			4414.	1970	.69	04/23/71	9.01	11/12/81	1.72	03/21/95
16.			4562.	1994	138.23	03/10/94	139.38	03/20/95	139.38	03/20/95
16.			4470.	1994	64.51	03/09/94	65.46	03/20/95	65.46	03/20/95
16.	0.	-- 355.	4508.	1971	72.	03/28/71	75.29	03/20/95	75.29	03/20/95
16.	70.	-- 454.	4500.	1991	67.03	03/08/91	68.73	03/20/95	68.73	03/20/95
6.			4520.	1939	65.	09/13/39	88.30	11/20/72	83.99	03/20/95
12.	140.	-- 250.	4594.	1965	107.60	11/11/71	147.60	02/10/76	132.52	03/20/95
2.			4643.	1995					106.54	03/22/95
2.			4643.	1995					.38	03/22/95
12.	100.	-- 148.	4588.	1961	70.	01/04/61	89.80	05/04/82	84.97	03/20/95
1.5			4725.	1995					51.14	03/20/95
2.			4725.	1995					58.25	03/22/95
14.	16.	-- 160.	4408.	1955	13.	05/11/55	23.09	03/21/95	23.09	03/21/95
14.			4412.	1945	9.99	04/24/46	21.38	06/21/41	21.44	03/21/95
14.			4478.	1962	35.	06/01/62	89.12	03/21/95	89.12	03/21/95
16.	140.	-- 525.	4465.	1971	68.	02/13/71	74.47	03/08/91	74.11	03/21/95
14.5	48.	-- 100.	4435.	1951	36.	12/20/51	40.48	03/21/95	40.48	03/21/95
16.	344.	-- 614.	4435.	1962	34.66	02/24/92	70.	04/30/62	36.79	03/20/95
16.	236.	-- 409.	4435.	1962	39.45	02/24/92	70.	03/31/62	40.65	03/21/95
6.			4431.	1939	28.40	07/24/46	39.46	03/28/79	38.16	04/10/95
16.	100.	-- 195.	4304.	1967	17.00	05/21/69	24.50	11/11/71	22.89	03/21/95
6.			4337.	1946	2.10	06/05/46	11.93	10/03/61	3.24	03/21/95
16.			4344.	1991	15.32	03/08/91	17.83	03/21/95	17.83	03/21/95
16.			4368.	1991	28.52	03/08/91	31.13	03/21/95	31.13	03/21/95
			4355.	1994	17.91	03/10/94	18.34	03/21/95	18.34	03/21/95
16.	116.	-- 211.	4423.	1964	60.00	08/29/64	99.20	03/28/79	91.59	03/21/95

Local Well No	Site Identification	Owner	County	Water Use	Geologic Unit	Aquifer	Well Depth (Feet)
71 N34 E38 30CDDD1	404706117444901	Nancy Su Dillingham	027	I		U	400.
71 N34 E38 30DDDD1	404706117441601	Nancy Su Dillingham	027	I		U	330.
71 N35 E37 25CAAA1	405245117455401	E. Westmoreland	013	I		U	393.
71 N35 E37 26AAAA1	405310117463001	E. Westmoreland	013	I		U	520.
71 N35 E37 26ADDD1	405258117462901	Gary D & T Tompkins	013	I		U	384.
71 N35 E37 26BDDD1	405246117470301	Gary D & T Tompkins	013	I		U	553.
71 N35 E37 34AABC1	405130117480002		013	U	110VLFL	U	83.
71 N35 E37 36ABCC1	405210117455001		013	I		U	
71 N35 E37 36BDCB1	405159117461001	T.G. and Dor Sheppard	013	I		U	108.
71 N35 E37 36DBBB1	405152117455201	T.G. and Dor Sheppard	013	U		U	
71 N35 E38 31BAAA1	405218117444701	Diesel Control Corp	013	I		U	385.
71 N35 E38 31BBBB1	405219117451901	Wayne McNeil	013	I		U	400.
72 N32 E33 28DDDD1	403620118153001	C. & C. Campbell	027	I	110VLFL	U	236.
73A N29 E33 33AAAC1	402000118160001	City of Lavalike	027	U	110VLFL	U	395.
80 N24 E23 36CBAA1	395422119210701	W. J. Cereals	031	U	110VLFL	U	73.
80 N25 E23 23CDBA1	400100119220001		031	U	110VLFL	W	12.
81 N24 E22 31CCCC2	395357119333401	U.S. Bureau of Indian Affairs	031	U	110VLFL	U	226.
81 N27 E21 09BDAC1	401352119380201	U.S. Geological Survey	031	U	110VLFL	U	47.
81 N27 E21 16ABCD1	401245119374401	U.S. Geological Survey	031	U	110VLFL	U	44.
81 N28 E21 33CCDC1	401443119381201	U.S. Geological Survey	031	U	110VLFL	U	60.
83 N17 E21 06ADCA1	392212119394101	Merit	029	U	122ALTA	U	290.
83 N18 E21 32ABCD1	392313119384201	John Choate	029	H	122ALTA	U	300.
83 N18 E21 32CBBD1	392254119392001	Michael Devine	029	H	122ALTA	U	180.
83 N18 E21 33BABC2	392320119375302	Merit Development	029	F		U	200.
84 N22 E21 05ACAC1	394823119384301	Pratt Properties	031	I		U	580.
84 N22 E21 10DCCC1	394657119363701	Cell R Miller	031	H		U	160.
84 N23 E20 04ABBD1	395343119442601	Chuck Mills	031	H		U	253.
84 N23 E20 13ABCA1	395202119410201	John Dickey	031	H		U	200.
84 N23 E20 22ABBD1	395110119431901	Intermountain Cattle	031	I		U	382.
84 N23 E20 35ABAA1	394930119420001	Tom Savage	031	H		U	153.
85 N20 E21 18ADDB1	393548119395101	Tucker	031	I		U	237.
85 N20 E21 18DADB2	393554119395001	Tucker	031	I		U	265.
87 N19 E19 15CAAA1	393045119500501	Sierra Pacific Power	031	P		U	485.
89 N16 E19 10BBDA1	391617119502101	Flying Me Ranch	031	I	110VLFL	U	94.
89 N16 E19 26DCBD1	391308119484801	Kenneth Pierce	031	H		U	138.
89 N16 E19 35ACD 1	391233119484501	Pete Kelley	031	H		U	76.
89 N16 E19 35ACD 2	391233119484502	Pete Kelley	031	I		U	6.
89 N16 E19 35ADC 1	391232119483401	Evans	031	P		U	116.
90 N13 E18 06ABBC1	385613120014801	U.S Geological Survey	017	U		U	20.45
90 N13 E18 06ABBC2	385613120014802	U.S Geological Survey	017	U		U	10.3
90 N13 E18 06ABCC1	385558120015001	U.S Geological Survey	017	U		U	10.28
90 N13 E18 06ABCC2	385558120015002	U.S Geological Survey	017	U		U	7.15
90 N13 E18 06ACBB5	385558120015102	U.S Geological Survey	017	U		U	8.4
90 N13 E18 06ACCB1	385557120015101	U.S Geological Survey	017	U		U	21.85
90 N13 E18 06ACCB2	385557120015102	U.S Geological Survey	017	U		U	15.25
90 N13 E18 06ACCB3	385557120015103	U.S Geological Survey	017	U		U	15.25
90 N13 E18 06ACCB4	385558120015101	U.S Geological Survey	017	U		U	22.28
92A N20 E18 02DDDD1	393718119550601	Anderson Fire Department	031	H		U	170.
92A N21 E18 23AADD1	394034119554301	Jim Sweger	031	U		U	570.

GROUND-WATER LEVELS, SECONDARY OBSERVATION WELLS

Diam-meter (Inches)	Perforated Interval (Feet) Top	Bottom	Elevation (Feet Above Sea Level)	Period of Record	Water Levels (Feet Below Land Surface) Highest	Date	Lowest	Date	Current	Date
16.	160.	400.	4442.	1991	94.97	03/08/91	99.34	03/21/95	99.34	03/21/95
16.5	150.	330.	4491.	1965	142.57	02/25/92	159.70	03/08/91	146.19	03/21/95
16.	110.	393.	4340.	1965	58.	07/24/65	72.05	03/11/94	74.94	03/21/95
16.	40.	520.	4330.	1955	50.	05/28/55	66.47	03/21/95	66.47	03/21/95
16.	164.	384.	4330.	1958	48.	05/14/58	64.34	03/21/95	64.34	03/21/95
16.	53.	553.	4305.	1962	35.84	03/08/91	51.12	03/21/95	51.12	03/21/95
10.			4301.	1946	17.68	05/16/46	30.73	04/12/95	30.73	04/12/95
			4324.	1991	37.54	03/08/91	47.97	03/21/95	47.97	03/21/95
16.37	30.	108.	4317.	1958	23.	10/04/58	41.12	03/21/95	41.12	03/21/95
			4324.	1991	32.19	03/08/91	41.18	03/21/95	41.18	03/21/95
16.38	120.	375.	4396.	1961	108.	05/24/61	120.59	03/21/95	120.59	03/21/95
16.	150.	390.	4346.	1967	55.	06/28/67	80.16	03/21/95	80.16	03/21/95
14.	98.	234.	4210.	1950	28.16	04/13/88	45.85	03/25/70	35.72	04/11/95
12.	100.	395.	4320.	1953	105.	12/30/53	129.73	04/11/95	129.73	04/11/95
6.			3845.	1969	20.39	04/03/85	27.19	04/17/95	27.19	04/17/95
48.			3790.	1968	2.47	04/18/73	4.43	03/23/94	4.28	04/17/95
8.			3986.	1970	10.25	03/09/72	24.28	03/12/84	15.95	04/20/95
1.5	45.	47.	3845.	1967	5.90	07/28/67	14.58	04/20/95	14.58	04/20/95
1.5	42.	44.	3838.	1967	16.63	07/28/67	19.84	03/17/92	19.77	04/20/95
1.5	58.	60.	3865.	1967	15.31	07/28/67	24.60	04/21/95	24.60	04/21/95
6.62	60.	290.	6355.	1977	67.44	03/04/87	74.93	04/09/82	71.84	04/04/95
6.	265.	295.	5980.	1973	63.65	05/01/84	122.42	04/04/95	122.42	04/04/95
6.62	160.	180.	6242.	1976	75.60	03/11/86	101.03	03/23/92	97.93	04/04/95
8.62	80.	200.	5785.	1980	10.47	05/01/84	25.88	03/23/92	18.15	04/04/95
24.	77.	577.	4288.	1967	63.	04/09/67	131.26	09/29/92	129.99	04/18/95
6.63	120.	160.	4410.	1978	70.	01/17/78	120.71	10/22/90	117.94	04/18/95
6.63	125.	230.	4436.	1987	22.8	04/18/95	25.	07/13/87	22.8	04/18/95
6.63	180.	200.	4292.	1979	80.	03/29/79	83.01	04/18/95	83.01	04/18/95
12.25	50.	382.	4288.	1978	10.	02/09/78	17.63	02/06/92	14.26	04/17/95
8.	130.	153.	4288.	1977	52.11	12/19/83	80.	01/15/77	59.8	04/17/95
8.			4538.	1977	25.	08/14/77	46.11	02/26/91	42.87	03/30/95
8.			4530.	1980	38.72	03/22/89	45.18	05/02/84	41.06	03/30/95
30.	215.	475.	4550.	1995					49.	02/04/95
12.			5065.	1968	5.03	03/11/86	7.40	03/23/92	6.30	04/04/95
16.	73.	138.	5190.	1960	6.79	03/11/86	25.42	04/04/95	25.42	04/04/95
8.	52.	72.	5220.	1960	2.	05/25/60	28.03	06/12/87	10.63	10/05/94
									8.65	01/06/95
									5.40	04/10/95
									11.55	07/07/95
			5240.	1976	1.00	03/21/86	4.25	09/05/91	1.64	10/05/94
									2.50	01/06/95
									1.85	04/10/95
									2.10	07/07/95
12.	50.	116.	5250.	1975	17.10	03/21/86	44.71	11/05/90	38.63	10/05/94
									34.26	01/06/95
										04/10/95
									31.47	07/07/95
2.	15.45	20.45	6235.	1995					3.16	08/15/95
2.	5.	10.	6235.	1995					3.44	08/15/95
1.5	8.28	10.28	6235.	1995					.22	08/15/95
1.5	5.15	7.15	6235.	1995					.38	08/15/95
2.	3.4	8.4	6235.	1995					1.96	08/15/95
1.5	19.85	21.85	6240.	1995					5.96	08/15/95
2.	10.25	15.25	6240.	1995					6.43	08/15/95
2.	3.7	8.7	6240.	1995					6.12	08/15/95
	17.	22.28	6235.	1995					2.91	08/15/95
6.63	100.	170.	5222.	1963	19.16	03/10/83	46.43	10/10/94	46.43	10/10/94
									41.95	01/03/95
									25.07	03/31/95
									27.48	07/06/95
10.	280.	570.	5130.	1972	80.00	05/02/72	188.65	10/07/94	188.65	10/07/94
									185.85	01/03/95
									181.06	03/31/95
									182.80	07/06/95

Local Well No	Site Identification	Owner	County	Water Use	Geologic Unit	Aquifer	Well Depth (Feet)
92A N21 E18 36ADDD1	393839119544101	U.S. Geological Survey	031	U		U	150.
92A N21 E19 18BCBA1	394120119550901	Leareno	031	H		U	810.
92A N21 E19 20BDCD1	394022119541201	U.S. Geological Survey	031	U		U	65.
92A N21 E19 20DBDA1	394013119521001	U.S. Geological Survey	031	U		U	87.
92A N21 E19 30CACC1	393916119543701	U.S. Geological Survey	031	U		U	22.
92B N20 E19 05CDAD2	393725119522402	J. Cavanaugh	031	U		U	
92B N20 E19 05DAAD1	393737119514801		031	U		U	
92B N20 E19 10BCAD1	393700119501101		031	C		U	
92B N20 E19 11BCAA1	393704119491801	Trigg Ward	031	H		U	
92B N21 E19 15BACD1	394126119502101		031	U		U	
92B N21 E19 22DBAA1	394017119500201	U.S. Geological Survey	031	U		U	150.
92B N21 E19 24BADD1	394034119480401	KCRL (KROW)	031	H		U	
92B N21 E19 26CCDB1	393907119493101	U.S. Geological Survey	031	U		U	62.
92B N21 E19 28CBCC1	393921119515001	U.S. Geological Survey	031	U		U	53.
92B N21 E19 29DACB1	393920119520701	U.S. Geological Survey	031	U		U	84.
94 N23 E19 22CDBC1	395028119502701	U.S. Bureau of Land Management	031	S		U	224.
97 N26 E18 35BABA1	400507119560001	Fish Springs Ranch Valley	031	U		U	1336.
97 N26 E19 02DCA 1	400849119485301	U.S. Geological Survey Never Sweat Hill	031	U		U	240.
97 N27 E19 24ADDD1	401138119472301	U.S. Geological Survey Astor Pass Well	031	U		U	180.
97 N28 E20 31BACD1	401528119470501	U.S. Geological Survey Sand Pass Well	031	U		U	330.
101 N20 E29 25DBDD1	393400118402301	U.S. Geological Survey	001	U		U	13.
101 N20 E29 26CDAC1	393352118415101	U.S. Geological Survey	001	U		U	5.

GROUND-WATER LEVELS, SECONDARY OBSERVATION WELLS

Diam-meter (Inches)	Perforated Interval (Feet) Top	Bottom	Elevation (Feet Above Sea Level)	Period of Record	Water Levels (Feet Below Land Surface) Highest	Date	Lowest	Date	Current	Date
1.25	148.	150.	4968.	1971	-1.26	10/23/91	25.00	10/04/71	4.02	10/10/94
									4.29	01/03/95
12.			5041.	1971	82.32	03/14/72	129.72	10/07/94	129.72	10/07/94
									115.84	01/03/95
									111.48	03/31/95
									115.50	07/06/95
1.5	65.	67.	5025.	1971	50.69	01/07/88	59.64	06/27/80	53.03	10/10/94
									53.06	01/03/95
									52.80	03/31/95
									52.80	07/06/95
1.5	85.	87.	5040.	1971	53.16	01/07/88	67.54	10/06/80	56.44	10/10/94
									56.38	01/03/95
									56.55	03/31/95
									56.40	07/06/95
1.5	20.	22.	4970.	1971	1.75	04/01/86	11.66	01/03/95	11.57	10/10/94
									11.66	01/03/95
									7.87	03/31/95
									9.00	07/06/95
8.			5060.	1983	8.08	04/01/86	33.02	07/01/92	30.46	10/10/94
									30.40	01/03/95
									23.50	03/31/95
									22.60	07/06/95
8.			5020.	1966	27.11	04/01/86	57.10	06/14/77	54.26	10/10/94
									52.35	01/03/95
									48.34	03/31/95
									46.70	07/06/95
6.			5070.	1971	35.00	11/05/71	107.95	04/07/88	101.80	10/10/94
									95.00	01/04/95
										03/31/95
									97.40	07/07/95
			5125.	1982	90.07	04/06/84	116.62	10/23/91	110.35	10/10/94
									107.45	01/04/95
									105.11	03/31/95
									106.91	07/07/95
6.			5025.	1971	133.28	06/13/72	194.97	10/10/94	194.97	10/10/94
1.5	148.	150.	4919.	1971	17.36	04/20/72	53.80	07/08/94	53.50	10/10/94
									50.80	01/04/95
									47.54	03/31/95
									52.27	07/06/95
			4983.	1971	75.53	06/08/71	107.25	07/06/95	103.67	10/10/94
									105.86	01/04/95
									104.80	03/31/95
									107.25	07/06/95
1.5	60.	62.	4919.	1971	12.80	03/16/72	47.98	10/10/94	47.98	10/10/94
									46.10	01/04/95
									44.62	03/30/95
									46.64	07/06/95
1.25	51.	53.	4930.	1971	9.91	04/01/86	19.05	10/23/91	18.58	10/10/94
									18.38	01/04/95
									16.75	03/31/95
									16.35	07/06/95
1.5	82.	84.	5035.	1971	37.47	01/07/92	53.11	06/27/80	49.14	10/10/94
									48.20	01/03/95
									49.18	03/31/95
									47.15	07/06/95
6.	195.	224.	5086.	1959	179.0	04/17/95	207.	09/15/59	179.0	04/17/95
7.			4176.	1987	194.99	04/22/87	214.3	09/13/88	212.62	04/20/95
4.	224.	240.	4172.	1988	197.10	06/23/88	201.83	04/20/95	201.83	04/20/95
4.	168.	180.	4010.	1988	60.40	04/12/88	61.28	04/20/95	61.28	04/20/95
4.	317.	330.	4178.	1988	240.	09/26/88	251.2	09/19/90	250.78	04/20/95
2.	7.	12.	3895.	1995					2.	06/12/95
									2.49	06/28/95
2.	2.	4.	3915.	1995					4.	06/09/95
									3.59	06/28/95

Local Well No	Site Identification	Owner	County	Water Use	Geologic Unit	Aquifer	Well Depth (Feet)
103 N16 E21 18DDBB1	391452119394401	Oliver Hills Gold	019	U		U	98.
103 N17 E22 32CADA1	391733119321001	Geraldine Smith	019	U	110VLFL	U	101.
103 N17 E23 01DDBA1	392129119205301	Stagecoach Utilities	019	U		U	276.
103 N17 E23 02BDCC1	392137119221301	Stagecoach Utilities	019	P		U	300.
103 N17 E23 02CDCC1	392143119222401	U.S. Geological Survey	019	U	110VLFL	U	86.
103 N17 E23 04DDCC1	392141119240601	C.V. (Dutch) Hughes	019	U	110VLFL	U	339.
103 N17 E23 07DDDD1	392047119260501	Utah Mine & Construction	019	U	110VLFL	U	386.
103 N17 E23 09CCDB1	392050119244701	U.S. Geological Survey	019	U	110VLFL	U	82.
103 N17 E23 09DAAA1	392110119235001	U.S. Geological Survey	019	U	110VLFL	U	84.
103 N17 E23 10ABCD1	392126119230901	U.S. Geological Survey	019	U	110VLFL	U	88.
103 N17 E23 10BABD1	392132119232501	Terry Weatherman	019	I	110VLFL	U	300.
103 N17 E23 11DBAB1	392112119215801	McBean	019	H		U	87.
103 N17 E23 18DDDD1	391954119260601	Utah Mine & Construction	019	U	110VLFL	U	822.
103 N17 E23 19ACBC1	391933119263301	Norris Leegard	019	U		U	240.
103 N17 E23 19ACBC2	391935119263401	Norris Leegard	019	U		U	247.
103 N17 E23 26CCCC1	391812119224001	Kathleen Holman	019	H		U	176.
103 N17 E23 27ABAC1	391857119230701	Paul D. Kern	019	H	110VLFL	U	220.
103 N18 E23 35CBDD1	392246119222901	Carl E McHenry	019	H		U	215.
104 N15 E20 04DBDD2	391126119141902	U.S. Geological Survey	510	U		U	33.
104 N15 E20 05BBCA1	391155119460401	NV Division of Water Resources	510	U		U	102.
104 N15 E20 05BBCA2	391155119460402	U.S. Geological Survey	510	U		U	62.
104 N15 E20 06BDBD1	391149119465201	Carson City	510	U		U	460.
104 N15 E20 07BBAB1	391110119470501	NV Division of Water Resources	510	U		U	150.
104 N15 E20 17CACD1	390940119454701	NV Department of Buildings & Grounds	510	P		U	595.
104 N15 E20 17CBBA1	390954119460401	NV Division of Water Resources	510	U		U	102.
104 N15 E20 18BDDA1	390958119464301	NV Division of Water Resources	510	U		U	102.
104 N15 E20 29DAAB1	390807119450901	NV Division of Water Resources	510	U		U	105.
104 N15 E20 32BDAA1	390728119453801	NV Division of Water Resources	510	U		U	105.
104 N16 E20 33CCDD1	391205119444901	NV Division of Water Resources	510	U		U	118.
107 N10 E24 08CBCA1	384426119194601	Fred Fulstone Jr.	019	I		U	504.
107 N10 E24 09BACC1	384459119174401	Leinassar	019	I		U	652.
107 N10 E24 17CCAA1	384326119193701	William Weaver Jr.	019	I		U	490.
107 N10 E24 18BACD1	384356119203501	Fred Fulstone Jr.	019	I		U	536.
107 N11 E23 01CCCC1	385016119214801	Jay Rooker	019	U		U	128.
107 N11 E23 02ADDD1	385040119212301	Dr. Maurice Bliss	019	I		U	537.
107 N11 E23 02BBCC1	385057119220701	John Neill	019	I		U	412.

GROUND-WATER LEVELS, SECONDARY OBSERVATION WELLS

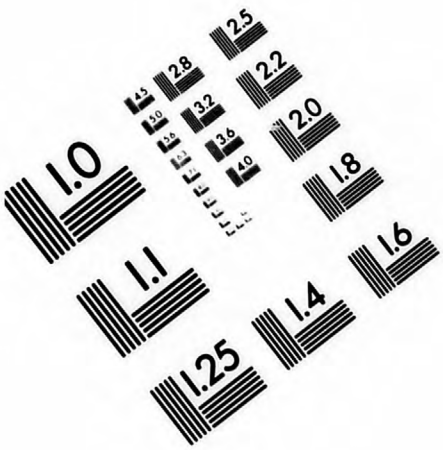
Diam-meter (Inches)	Perforated Interval (Feet) Top	Bottom	Elevation (Feet Above Sea Level)	Period of Record	Water Levels (Feet Below Land Surface) Highest	Date	Lowest	Date	Current	Date
6.			5155.6	1995					66.6	07/18/95
8.			4346.5	1970	53.58	06/03/70	57.60	09/22/77	56.58	04/04/95
8.	240.	276.	4455.	1972	224.19	07/14/72	239.28	03/17/94	234.38	04/05/95
10.	196.	296.	4324.	1971	98.80	04/07/81	162.1	04/05/95	162.1	04/05/95
2.	83.	86.	4286.0	1977	56.80	03/02/78	67.17	09/11/89	66.61	04/05/95
12.	287.	395.	4314.	1976	75.	02/02/76	96.06	12/20/79	95.84	04/05/95
12.	12.	387.	4324.0	1970	73.98	08/05/70	90.94	04/04/95	90.94	04/04/95
2.	52.	82.	4270.83	1977	36.71	03/30/79	43.78	04/04/95	43.78	04/04/95
2.			4281.70	1977	55.59	04/07/81	59.58	04/05/95	59.58	04/05/95
2.			4276.98	1977	50.39	03/30/79	58.09	03/11/86	57.70	04/05/95
12.	234.	300.	4285.5	1969	48.71	03/05/72	68.15	02/27/91	65.18	04/05/95
8.			4288.	1981	59.54	04/17/81	65.59	03/22/94	66.04	04/05/95
16.5	137.	265.	4285.9	1970	34.84	08/05/70	51.49	04/04/95	51.49	04/04/95
10.	175.	255.	4279.	1980	30.76	05/02/80	36.66	04/04/95	36.66	04/04/95
10.75	160.	247.	4279.	1980	33.44	12/12/80	38.12	04/04/95	38.12	04/04/95
6.62	156.	176.	4298.	1978	56.61	02/25/91	71.22	03/23/93	63.85	04/05/95
8.63	180.	220.	4286.	1970	52.95	03/30/79	58.45	03/31/90	55.43	04/05/95
8.	191.	211.	4400.	1977	160.00	09/19/77	185.56	03/28/88	183.18	04/05/95
2.	30.	32.	4682.	1977	16.9	07/14/86	30.01	07/25/77	19.34	10/05/94
									19.44	01/06/95
									18.08	04/07/95
									17.10	07/07/95
2.	82.	102.	4737.	1975	12.38	02/12/75	51.37	06/24/81	37.43	10/05/94
									31.58	01/06/95
									31.07	04/07/95
									35.40	07/07/95
2.			4737.	1977	17.57	04/06/93	47.20	10/06/92	35.80	01/06/95
									36.65	04/07/95
									43.10	07/07/95
6.63	100.	440.	4750.	1995	45.	10/08/94	57.65	07/07/95	45.	10/08/94
									51.80	01/06/95
									54.07	04/07/95
									57.65	07/07/95
2.			4800.	1975	44.74	04/21/75	103.80	07/07/95	104.60	10/05/94
									102.79	01/06/95
									101.90	04/07/95
									103.80	07/07/95
18.			4665.	1946	1.84	03/13/52	23.80	09/17/64	9.55	04/04/95
2.	82.	102.	4680.	1961	13.86	07/07/95	27.45	07/24/79	21.15	10/05/94
									21.57	01/06/95
									18.56	04/07/95
									13.86	07/07/95
2.	82.	102.	4739.	1975	2.34	01/06/75	26.42	07/02/92	11.68	10/05/94
									13.64	01/06/95
									15.26	04/07/95
									16.52	07/07/95
2.	80.	100.	4698.	1975	27.70	03/12/75	56.37	10/06/92	55.88	10/05/94
									50.81	01/10/95
									49.50	07/07/95
2.	82.	102.	4720.	1975	32.03	02/12/75	48.60	07/01/94	47.89	10/05/94
									45.30	01/06/95
									44.20	04/07/95
									46.35	07/07/95
2.	94.	118.	4732.	1975	28.39	01/05/93	49.24	09/17/81	46.20	10/05/94
									46.65	01/06/95
									45.00	04/07/95
									45.20	07/07/95
16.	100.	504.	4950.	1973	55.47	04/04/84	130.43	03/02/95	130.43	03/02/95
18.	78.	574.	4915.	1978	103.55	11/20/81	161.07	04/18/95	161.07	04/18/95
16.	150.	490.	4980.	1976	107.15	04/02/87	187.34	07/27/76	186.20	03/02/95
16.	198.	536.	5000.	1974	79.	11/22/74	218.60	08/02/77	197.98	03/02/95
8.	108.	128.	4790.	1976	15.56	11/03/83	34.40	03/02/95	34.40	03/02/95
14.	147.	537.	4780.	1969	10.	09/09/69	53.75	03/02/95	53.75	03/02/95
14.38	96.	412.	4797.	1960	18.38	10/22/81	57.02	03/02/95	57.02	03/02/95

Local Well No	Site Identification	Owner	County	Water Use	Geologic Unit	Aquifer	Well Depth (Feet)
107 N11 E23 02CCBB1	385030119220501	August Bunkowski	019	I		U	546.
107 N11 E23 03CBBC1	385035119240001	Norman Annette	019	I		U	580.
107 N11 E23 12CBBB1	384949119204901	William G. Walker	019	U		U	585.
107 N11 E23 15CBAA1	384855119234801	Marvin Berrington	019	I		U	510.
107 N11 E23 23BCBB1	384830119220501	Sam Striebe	019	I		U	420.
107 N11 E24 32CBAD1	384619119192301	Ralph Nutti	019	U		U	140.
107 N11 E24 32DCCC1	384610119190001	A. Nutti	019	H	110VLFL	U	390.
107 N12 E23 24CB 1	385314119205901	Three Double Bar Ranch	019	I	110VLFL	U	287.
107 N12 E23 34ACCC1	385834119322301	Lester Farris	019	I		U	400.
107 N12 E23 34BACB1	385205119225401	Three 2-Bar Ranch	019	I		U	423.
107 N12 E23 36BDBD1	385141119212701	Smith	019	I		U	252.
107 N12 E23 36DCDC1	385109119210701	Smith	019	I		U	495.
107 N12 E24 31BACB1	385201119193601	William G. Walker	019	I		U	540.
107 N12 E24 31DBBA1	385130119192001	Dale Husboe	019	I		U	587.
108 N11 E25 10DBCD1	384942119100801	Louis G. Scaetena	019	I		U	597.
108 N11 E25 11AACC1	385003119085201	Steneri	019	I		U	256.
108 N12 E25 11CACD1	385456119091901	Thomas Wilson	019	I		U	245.
108 N12 E25 12CDAA1	385447119075901	Albert Mackenzie	019	H		U	102.
108 N12 E25 15DB 1	385410119100401	Dave Menesini	019	I		U	310.
108 N12 E25 21ACA 1	385332119110601	Kay Bunn	019	H		U	100.
108 N12 E25 23DCC 1	385255119090501	Nat Lamorri	019	I		U	325.
108 N12 E25 27DAAA1	385225119094801	Charles Howard	019	I		U	
108 N13 E25 11ACBD2	390026119090401	Walker River Irrigation District	019	I		U	435.
108 N13 E25 13DDDD1	385903119073001	John Connely	019	I		U	280.
108 N13 E25 26DDCC1	385720119085001	Frazier	019	I		U	160.
108 N13 E25 36DCCA1	385633119074201	R. H. Holbrook	019	I		U	255.
108 N13 E26 02BBCC1	390127119030001	Carrol Haskins	019	I		U	203.
108 N13 E26 08CACA1	390011119060201	Barbara Dillard	019	I		U	130.
108 N13 E26 09DBCC1	390006119043901	H. H. Thurston	019	I		U	166.
108 N13 E26 31DDCD1	385628119063301	Tibbels	019	I		U	172.
108 N14 E25 03DDDC1	390558119094701	Vince Dye	019	I		U	85.
108 N14 E25 04DACC1	390611119110301	Larry Masini	019	I		U	451.
108 N14 E25 08ADDC1	390531119115901	Jim Chico	019	I		U	523.
108 N14 E25 08DCCC1	390507119122801	Larry Masini	019	I		U	348.
108 N14 E25 10CCDA1	390509119103401	Larry Masini	019	I		U	460.
108 N14 E25 11BDAC1	390538119091301	Herb Penrose	019	S		U	60.
108 N14 E25 15CDCC1	390416119102901	S. Barber	019	I		U	286.
108 N14 E25 18DCBB1	390415119132801		019	U		U	73.
108 N14 E25 27ACCD1	390225119100801	Twambley-Poli Ranch	019	I		U	320.
108 N14 E25 29DCBC1	390233119122401	C. J. Simmons	019	H		U	150.
108 N14 E25 34CB 1	390154119104001	Antone Farias	019	I		U	358.
108 N14 E26 03DCBC1	390606119032901	Gene Bingham	019	I		U	160.
108 N14 E26 03DCDD1	390601119031701	Gene Bingham	019	I		U	160.
108 N14 E26 15ADBB1	390436119030701	Arthur Burgess	019	I		U	158.
108 N14 E26 26CCDD1	390231119024501	Henry G. Lorimer	019	I		U	250.
108 N14 E26 31DCCC1	390137119065401	John Ritter	019	I		U	239.
108 N14 E26 31DCCC2	390137119065402	John Ritter	019	I		U	400.
108 N14 E26 32ADCA1	390204119052801	Landolt	019	I		U	308.
108 N14 E26 32BCCC1	390201119062001	O. D. Gable	019	I		U	120.
108 N14 E26 32BCCC2	390201119062002	O. D. Gable	019	I		U	249.
108 N14 E26 32BDDD1	390203119055101	Joseph Manha	019	S		U	104.
108 N15 E25 32AADD1	390727119115301	Alfred Palmer	019	I		U	428.
108 N15 E25 34ACDD1	390715119095901	Larry Masini	019	I		U	370.
110C N06 E31 33BABB1	382031118315901	Sweetwater Ranch Co.	021	I		U	86.
110C N06 E31 33BABB2	382033118315501	Sweetwater Ranch Co.	021	I		U	126.
110C N08 E30 03DDAD1	383440118365001	U.S Army Ammunition	021	P	110VLFL	U	850.
110C N08 E30 04AAA 1	383525118375101	U.S. Geological Survey	021	U	110VLFL	U	62.
110C N08 E30 18AADB1	383310118401001	U.S Army	021	P	110VLFL	U	345.
110C N08 E30 21DCAD1	383150118380001	U.S Army	021	P	110VLFL	U	394.
110C N08 E30 26DDAB1	383100118355001	U.S Army	021	P	110VLFL	U	423.
110C N09 E30 29DDD 1	383624118385801	U.S. Geological Survey	021	U	110VLFL	W	18.
110C N09 E30 33CAA 1	383550118382201	U.S. Geological Survey	021	U	110VLFL	W	41.
117 S01 E35 28DAAB1	374950118051001	Rex Clark	009	U	110VLFL	U	624.

GROUND-WATER LEVELS, SECONDARY OBSERVATION WELLS

Diam-meter (Inches)	Perforated Interval (Feet) Top	Bottom	Elevation (Feet Above Sea Level)	Period of Record	Water Levels (Feet Below Land Surface) Highest	Date	Lowest	Date	Current	Date
14.	138.	546.	4800.	1970	20.	07/03/70	68.89	03/08/93	68.72	03/02/95
16.	165.	580.	4881.	1976	100.96	04/04/84	186.25	08/05/77	149.55	03/02/95
14.	230.	585.	4790.	1972	15.62	04/04/84	58.70	03/02/95	58.70	03/02/95
16.	130.	510.	4820.	1973	20.03	11/03/83	115.70	06/02/76	58.06	03/02/95
14.	100.	420.	4800.	1961	23.81	11/03/83	85.	05/11/61	57.52	03/02/95
3.			4845.	1980	17.80	03/12/85	85.57	04/18/95	85.57	04/18/95
16.			4855.	1948	23.62	03/03/48	106.05	04/18/95	106.05	04/18/95
16.			4745.	1972	4.50	06/23/72	15.47	04/18/95	15.47	04/18/95
14.	100.	400.	4795.	1960	18.	05/15/60	60.51	03/02/95	60.51	03/02/95
16.	100.	423.	4795.	1961	7.00	04/22/82	58.07	03/02/95	58.07	03/02/95
15.	94.	252.	4766.	1956	3.	05/01/56	39.43	02/24/92	23.36	03/02/95
12.	147.	495.	4782.	1960	20.	09/25/60	70.54	03/08/93	66.45	03/02/95
14.	270.	534.	4790.	1968	40.	08/10/68	91.79	03/08/93	89.18	03/02/95
14.	197.	587.	4810.	1971	61.03	03/29/73	103.55	03/02/95	103.55	03/02/95
16.	183.	575.	4568.	1961	68.87	10/26/65	99.07	03/10/93	98.25	03/02/95
12.	106.	256.	4562.	1948	40.00	05/05/48	100.78	03/08/95	100.78	03/08/95
14.	100.	245.	4436.	1961	5.86	10/27/65	42.	04/01/61	19.85	03/02/95
6.			4470.	1978	18.	06/28/78	76.86	03/10/93	65.04	03/02/95
14.	42.	310.	4440.	1965	9.77	11/09/65	22.59	03/10/93	19.48	03/02/95
6.			4460.	1965	12.92	03/01/91	27.95	03/02/95	27.95	03/02/95
16.	104.	325.	4460.	1965	7.05	10/20/65	18.02	03/10/93	17.32	03/02/95
			4458.	1977	11.74	08/22/79	23.30	08/16/77	18.82	03/02/95
18.	120.	432.	4371.	1972	7.08	01/20/83	15.73	03/09/93	13.87	03/02/95
16.	115.	280.	4370.	1977	5.4	03/24/81	19.67	02/28/95	19.67	02/28/95
14.	102.		4405.	1981	6.22	11/06/84	33.67	03/10/93	27.71	02/28/95
14.	40.	255.	4434.	1965	10.22	10/28/65	63.53	03/10/93	57.26	03/02/95
12.	64.	203.	4408.	1961	65.	11/04/61	88.46	02/28/95	88.46	02/28/95
12.75	50.	120.	4350.	1973	8.	03/01/73	26.70	10/08/91	23.18	02/28/95
12.	60.	160.	4380.	1956	43.	12/15/56	65.35	10/08/91	64.35	02/28/95
12.75	90.	172.	4460.	1960	37.	08/04/60	98.57	03/10/93	93.87	03/02/95
16.	91.	258.	4323.	1968	7.35	01/20/83	18.37	03/09/93	17.05	02/28/95
16.	97.	451.	4320.	1981	4.98	02/01/83	16.24	03/09/93	15.56	02/28/95
16.	89.	523.	4320.	1981	6.48	04/02/84	20.64	02/28/95	20.64	02/28/95
16.	107.	348.	4410.	1976	6.22	11/07/84	25.57	02/28/95	25.57	02/28/95
16.	448.	460.	4332.	1974	8.76	11/07/84	21.45	03/09/93	20.06	02/28/95
6.			4330.	1965	6.02	10/27/65	20.57	03/09/93	17.90	02/28/95
14.37	96.	286.	4325.	1977	8.7	10/14/80	21.57	02/28/95	21.57	02/28/95
10.			4345.	1965	19.70	10/27/65	50.90	02/28/95	50.90	02/28/95
16.	91.	320.	4351.	1960	8.90	03/08/77	17.34	03/09/93	16.17	02/28/95
10.	110.	150.	4390.	1960	45.	12/06/60	58.27	03/09/93	57.81	02/28/95
16.	103.	358.	4360.	1961	10.	03/30/61	26.30	04/13/95	22.23	02/28/95
									26.30	04/13/95
12.	87.	123.	4330.	1959	1.80	04/02/84	9.05	02/28/95	9.05	02/28/95
12.	87.	123.	4333.	1983	4.83	04/02/84	12.38	02/28/95	12.38	02/28/95
12.	58.	158.	4328.	1961	2.48	03/16/66	13.65	02/28/95	13.65	02/28/95
12.25	100.	250.	4415.	1964	64.	06/11/64	99.58	02/28/95	99.58	02/28/95
16.	87.	239.	4349.	1977	6.34	11/07/84	14.34	03/09/93	12.67	02/28/95
16.	120.	400.	4356.	1981	7.44	01/23/83	17.	10/13/81	15.20	02/28/95
14.	100.	308.	4350.	1961	5.07	10/28/65	18.87	03/09/93	18.54	02/28/95
12.	40.	120.	4345.	1960	4.	07/03/60	13.32	03/09/93	12.00	02/28/95
14.	47.	247.	4345.	1977	5.31	01/19/83	21.	08/01/77	12.45	02/28/95
6.	94.	103.	4350.	1949	4.	07/16/49	17.74	02/28/95	17.74	02/28/95
16.	114.	428.	4304.	1981	1.38	04/02/84	9.44	03/09/93	9.44	02/28/95
16.	123.	370.	4310.	1976	1.71	04/02/84	10.70	03/09/93	10.22	02/28/95
6.			5566.	1948	34.79	05/11/48	73.11	04/24/95	73.11	04/24/95
10.	32.	132.	5566.	1966	36.43	02/15/66	72.74	04/24/95	72.74	04/24/95
18.	441.	696.	4125.	1954	33.30	03/19/86	117.86	09/27/65	59.50	04/25/95
2.	60.	62.	4060.	1968	31.69	03/18/68	38.15	04/25/95	38.15	04/25/95
18.	325.	345.	4140.	1952	87.	05/26/42	111.12	04/27/95	111.12	04/27/95
18.	336.	350.	4260.	1952	199.90	11/21/52	232.69	04/23/73	215.16	04/27/95
18.	276.	408.	4341.	1952	245.00	11/21/52	280.23	04/23/73	260.83	04/25/95
			4010.	1968	8.54	04/23/73	11.33	04/25/95	11.33	04/25/95
			4039.	1968	18.75	03/18/68	24.44	04/25/95	24.44	04/25/95
16.	150.	600.	4905.	1948	25.45	01/21/48	53.67	04/29/95	53.67	04/29/95

Local Well No	Site Identification	Owner	County	Water Use	Geologic Unit	Aquifer	Well Depth (Feet)
118 N03 E36 02BCBB1	380854117565601		009	U	110VLFL	U	129.
122 N11 E36 18DB 1	384850117581001	Dumer	023	U	110VLFL	U	8.
124 N16 E33 02DC 1	391620118143001	C. B. Stark	001	U	110VLFL	U	435.
125 N17 E34 36CCCA1	390234118070701	State of Nevada	001	U		U	288.
127 N17 E35 36ADAA1	391749117585101	Angus Dangberg	001	U	110VLFL	U	502.
128 N18 E34 28CCD 1	392323118095001	Nevada Paving Inc.	001	U	110VLFL	U	475.
128 N21 E34 27CD 1	393920118084001	Gregory Homestead	001	U	110VLFL	U	112.
128 N21 E35 31D 1	393840118050001	U.S. Bureau of Land Management	001	S	110VLFL	U	45.
129 N30 E35 27BBBB1	402640118015002	Burgeoned Cond. Co.	027	U	110VLFL	U	208.
131 N30 E42 24CCBD1	402710117124001	U.S. Bureau of Land Management	015	S	110VLFL	U	54.
133 N19 E37 28BCC 1	392903117495001	Cherry Creek Ranch	001	U	110VLFL	U	183.
134 N17 E39 34DBBD1	391649117344701	Saguaro Ranch	015	S		U	19.
134 N17 E40 08CBAB1	392100117310001	Smith Creek Ranch	015	S	110VLFL	W	55.
134 N17 E40 34ACAC1	391754117271401	Brown	015	S		U	49.
134 N18 E40 33DBCC1	392248117290701	U.S. Geological Survey	015	U	110VLFL	U	42.
138 N21 E46 09D 1	394200116480001	Grass Valley Ranch	015	H	110VLFL	W	172.
142 S01 E42 10AAAD2	375300117150002	Esmeralda County	009	S		U	400.
143 S03 E39 16CA 1	374036117392901	Foote Mineral Co.	009	S	110VLFL	U	60.
149 N03 E48 32BAAC1	380400116380001	John J. Casey	023	S	110VLFL	U	141.
153 N19 E53 12C 1	393143115572701	Irene Anderson	011	U	111FLDP	U	8.
153 N21HE52 01BC 2	394342114385402	U.S. Bureau of Land Management	011	S	110VLFL	U	160.
153 N22 E54 27CAAB1	394520115524001	Robert Stucki	011	H	110VLFL	W	94.
153 N23 E53 27BB 1	395100115593001	U.S. Geological Survey	011	U	110VLFL	W	22.
153 N23 E53 30DD 1	395020116030001	U.S. Geological Survey	011	U	110VLFL	W	22.
153 N23 E54 18DB 1	395220115561001	U.S. Geological Survey	011	U	110VLFL	U	32.
154 N18 E55 31CABC1	392300115493001	Federal Emergency Relief Administration	033	S	110VLFL	U	56.
154 N19 E56 30DBBA1	392850115421002	Don Eldridge	033	S	110VLFL	U	37.
155A N17 E54 29CABD1	391858115550201	U.S. Bureau of Land Management	011	S	110VLFL	U	60.
156 N03 E50 13CA 1	380652116200901	U.S. Geological Survey-MX	023	U		U	680.
156 N06 E50 27AC 1	382109116194901	U.S. Geological Survey-MX	023	U		U	505.
156 N07 E51 10AD 1	382901116125201	U.S. Geological Survey-MX	023	U		U	480.
162 S20 E52 23BBA 1	361204116060301	W. M. Turner	023	U	110VLFL	U	500.
162 S20 E53 14DCB 1	361225115590301	Williams & Crews	023	H	110VLFL	U	254.
162 S21 E54 19DD 2	360611115561802	Turner	023	U	110VLFL	U	76.
171 N03 E59 10BD 1	380758115204601	U.S. Geological Survey-MX	023	U		U	1837.
172 N04 E58 36A 1	381000115240001	U.S. Bureau of Land Management	023	S	110VLFL	U	27.
173B N03 E52 02DA 2	380906116050502	U.S. Geological Survey-MX	023	U		U	495.
173B N07 E55 17CD 1	382735115474101	U.S Geological Survey	023	U		U	25.
173B N10 E58 17CAAB1	384338115283601	U.S. Geological Survey	023	U		U	581.
173B N11 E57 09CDB 1	384920115343001	U.S. Bureau of Land Management	023	S	110VLFL	U	186.
176 N28 E59 09C 1	401900115200001	Ruby Valley No. 1	007	S	110VLFL	U	44.
176 N32 E60 29CCBA1	403639115133001	U.S. Geological Survey	007	U	110VLFL	U	202.
176 N32 E60 29CDDA2	403730115134002	U.S. Geological Survey	007	U	110VLFL	U	15.
177 N35 E62 27B 1	405310114574001	U.S. Geological Survey	007	U	110VLFL	U	286.
178B N22 E60 26DABB1	394507115102501	Paris	033	U	110VLFL	U	129.
179 N12 E63 12AB 1	385521114503601	U.S. Geological Survey - Mx	033	U		U	640.
179 N15 E64 07ACCB1	391100114492001	Lloyd Sorenson	033	I	110VLFL	U	200.
179 N16 E64 06CBDC1	391634114484901	U.S. Bureau of Land Management	033	U		U	306.
181 N03 E63 27CAA 1	380531114534201	U.S. Geological Survey-MX	017	U		U	2395.
181 N04 E64 07DC 1	381256114500701	U.S. Geological Survey-MX	017	U		U	1190.



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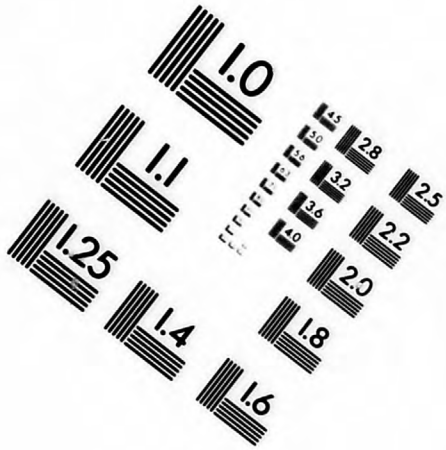

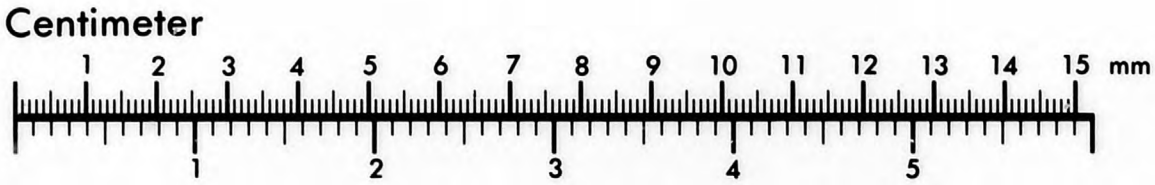

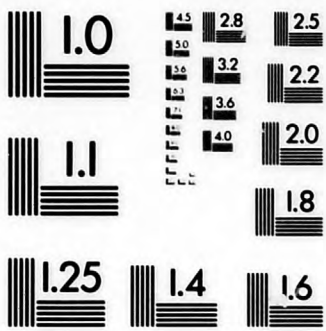

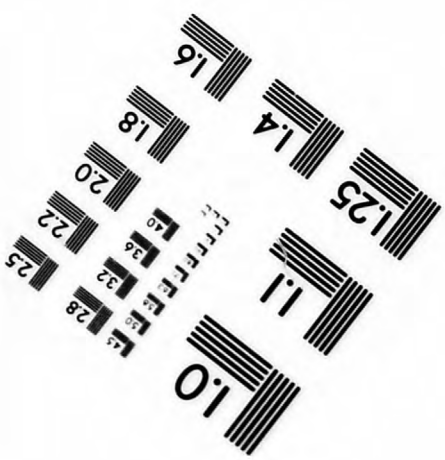

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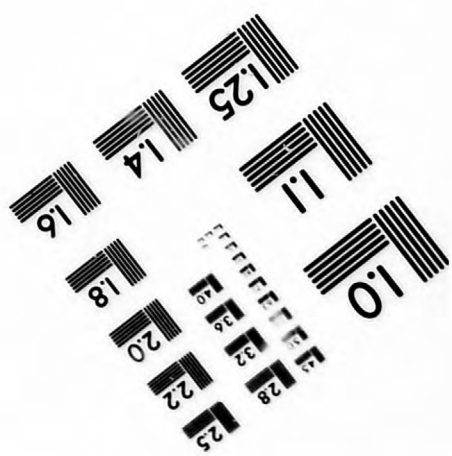


GROUND-WATER LEVELS, SECONDARY OBSERVATION WELLS

Diam-meter (Inches)	Perforated Interval (Feet) Top	Bottom	Elevation (Feet Above Sea Level)	Period of Record	Water Levels (Feet Below Land Surface) Highest	Date	Lowest	Date	Current	Date
16.			4580.	1968	41.23	04/14/78	42.73	03/01/72	41.72	04/14/95
10.			4580.	1961	36.68	12/13/61	40.08	05/03/83	38.54	03/05/95
8.			4160.	1955	216.68	01/13/55	224.94	03/23/64	218.22	04/03/95
8.			4388.	1962	256.47	03/16/92	266.16	07/10/62	257.02	04/03/95
8.			5250.	1950	27.00	02/01/50	111.65	04/03/95	111.65	04/03/95
8.62	265.	-- 405.	4100.	1976	206.91	03/30/82	221.02	04/08/81	210.57	04/03/95
11.			3500.	1955	28.04	06/07/56	35.27	04/10/88	33.07	04/03/95
8.			3480.	1955	32.33	03/23/64	35.93	03/17/66	34.89	04/03/95
16.			4245.	1963	12.64	03/12/86	21.65	03/30/94	13.78	04/11/95
6.			4630.	1947	10.30	03/16/49	13.25	09/21/55	11.34	03/20/95
6.			5360.	1974	147.85	03/16/90	176.56	03/16/74	155.14	04/03/95
6.			6051.	1964	6.02	03/20/87	8.78	08/31/66	6.58	04/04/95
6.			6054.	1966	6.96	03/21/77	13.18	04/04/95	13.18	04/04/95
8.			6059.	1964	24.13	04/04/95	26.19	12/03/81	24.13	04/04/95
1.25			6075.1	1966	32.23	07/11/67	34.14	04/07/94	34.13	04/04/95
48.			6000.	1968	21.74	06/20/84	36.92	03/19/68	26.20	04/03/95
10.	120.	-- 400.	4970.	1969	120.	09/14/69	213.26	04/22/87	207.52	04/29/95
6.			4325.	1967	44.75	01/19/67	52.82	03/20/92	48.42	04/29/95
6.	100.	-- 150.	5573.	1962	107.56	03/20/86	113.42	05/04/72	108.56	04/05/95
30.			6500.	1962	3.94	03/20/79	7.41	03/24/64	4.72	04/12/95
8.			5888.	1987	72.05	02/09/87	82.27	03/29/95	82.27	03/29/95
12.			5858.	1949	5.49	08/11/49	65.79	03/29/95	65.79	03/29/95
1.5	20.	-- 22.	5820.	1964	11.60	04/22/69	14.10	03/29/95	14.10	03/29/95
1.5	20.	-- 22.	5821.	1964	14.05	04/22/70	16.16	04/22/69	15.29	03/29/95
1.5	30.	-- 32.	5800.	1964	16.64	04/08/66	19.12	04/01/94	18.86	03/29/95
36.			5940.	1946	33.19	09/15/54	43.96	09/11/63	38.75	03/30/95
42.			5898.	1947	22.11	04/20/71	39.01	11/12/64	33.00	03/30/95
48.			5987.	1962	46.03	04/20/89	62.82	09/11/63	52.27	03/30/95
10.			5350.	1981	174.2	01/19/94	316.	02/13/81	313.7	12/12/94
									313.6	02/03/95
									314.0	05/16/95
10.			5580.	1980	285.40	02/04/95	292.	10/05/80	285.40	02/04/95
10.75			5600.	1980	235.8	02/03/95	237.	10/09/80	236.45	12/15/94
									235.8	02/03/95
									236.2	05/16/95
14.	32.	-- 500.	2531.	1954	30.	07/16/54	59.75	04/13/95	59.75	04/13/95
8.			2679.	1945	-23.20	03/06/45	90.61	02/27/75	62.11	04/13/95
10.			2684.	1947	32.20	05/28/53	54.89	09/07/94	54.10	04/13/95
10.			5600.	1980	789.3	10/16/95	804.6	03/13/92	799.2	03/28/95
									799.3	05/18/95
									798.5	07/07/95
10.			5217.	1963	21.34	03/28/94	26.62	04/22/71	21.53	03/28/95
									21.43	04/15/95
2.5			5010.	1980	230.5	11/16/93	235.	08/15/80	233.0	12/12/94
									232.4	02/03/95
									233.0	05/16/95
2.	19.5	-- 24.5	4765.	1993	19.59	04/21/94	20.0	07/28/95	20.0	07/28/95
10.	279.	-- 560.	5135.	1980	268.68	03/07/90	288.88	10/21/91	278.36	12/15/94
									277.6	02/03/95
									276.8	05/16/95
									276.8	05/16/95
6.			5075.	1948	158.22	09/15/93	175.20	02/13/48	159.20	03/27/95
									158.79	07/05/95
48.			5994.	1948	14.61	04/24/73	42.11	04/03/81	37.73	04/03/95
6.			6000.	1949	.35	04/22/83	5.20	04/01/92	4.92	04/03/95
1.5			6000.	1960	.75	03/31/70	7.48	09/21/61	6.99	04/03/95
6.			5657.	1941	5.45	04/20/83	13.13	03/20/95	13.13	03/20/95
6.			6240.	1950	59.85	04/21/69	66.18	08/07/84	65.05	03/30/95
6.			7320.	1980	409.72	08/05/86	428.96	09/08/94	427.8	05/17/95
16.			6535.	1948	30.25	06/12/84	41.83	03/10/61	40.93	03/28/95
6.	270.	-- 306.	6407.	1951	224.25	07/26/85	276.68	03/28/95	276.68	03/28/95
13.75			5560.	1980	846.2	04/29/86	869.45	04/13/84	848.5	07/07/95
10.			6300.	1981	254.79	02/04/95	268.	07/28/81	254.79	02/04/95
									254.8	05/18/95

Local Well No	Site Identification	Owner	County	Water Use	Geologic Unit	Aquifer	Well Depth (Feet)
181 S03 E64 12AC 1	374215114453101	U.S. Geological Survey-MX	017	U		U	1000.
184 N09 E68 30AAAB1	383704114225001	U.S. Geological Survey-MX	017	U		U	679.
189B N43 E66 25D 1	413444114261701	Eccles Ranch	007	U	110VLFL	U	28.
189D N40 E69 13DCDD1	412100114060001	Gamble Ranch	007	S	110VLFL	U	
195 N11 E70 35AD 1	384702114041601	U.S. Geological Survey-MX	033	U		U	101.
196 N08 E69 35DC 2	383023114115302	U.S. Geological Survey-MX	017	U		U	435.
203 S01 E68 33B 1	374910114231001	Lavon Phillips	017	I	110VLFL	U	120.
203 S02 E68 08B 5	374750114242001	U.S. Geological Survey	017	U	110VLFL	U	110.
203 S03 E67 02A 1	374317114265801	Grant Lee	017	I	110VLFL	U	225.
205 S04 E67 18B 1	373627114315301	Emory Conaway	017	I	110VLFL	U	165.
205 S09 E67 14BDBA2	371012114280302	Jensen Palisade Ranch	017	I		U	55.
207 N09 E61 07BCCC1	382432115095801	Lloyd Sorenson	023	S	110VLFL	U	43.
207 N11 E61 35ACCD1	384640115045001	Public Domain	033	S	110VLFL	U	44.
209 S06 E61 18DC 2	372500115104002	Kent Whipple	017	U	110VLFL	U	41.
209 S08 E61 02C 1	371640115072001	Lamb	017	I	110VLFL	U	92.
212 S19 E60 34CC 1	361457115152701	Verde & Tioga (Lone Mountain Well)	003	U			
212 S20 E60 02BD 1	361435115141401	Charles L. Painter	003	U		U	300.
212 S20 E61 07CCB 1	361301115115401	Rogers Rocking Chair	003	U	110VLFL	U	300.
212 S20 E61 13ACD 1	361222115061501	Consolidated Service	003	U		U	560.
212 S20 E61 20BC 1	361145115111401	Allen & Coran (Lake Mead Well)	003	U		U	385.
212 S20 E61 27ADB 1	361051115081401	Nevada Department of Transportation	003	U		U	195.
212 S20 E62 29BB 1	361111115043101	Lamb & Owens Trailer	003	P		U	300.
212 S22 E61 21BBD 1	360120115100001	Joe Hot Ingersoll	003			U	150.
213 S32 E66 13AB 1	350931114341601	Big Bend Water District	003	P		U	111.
213 S32 E66 33BBB 1	350726114375501	George Cromer	003	H		U	96.

GROUND-WATER LEVELS, SECONDARY OBSERVATION WELLS

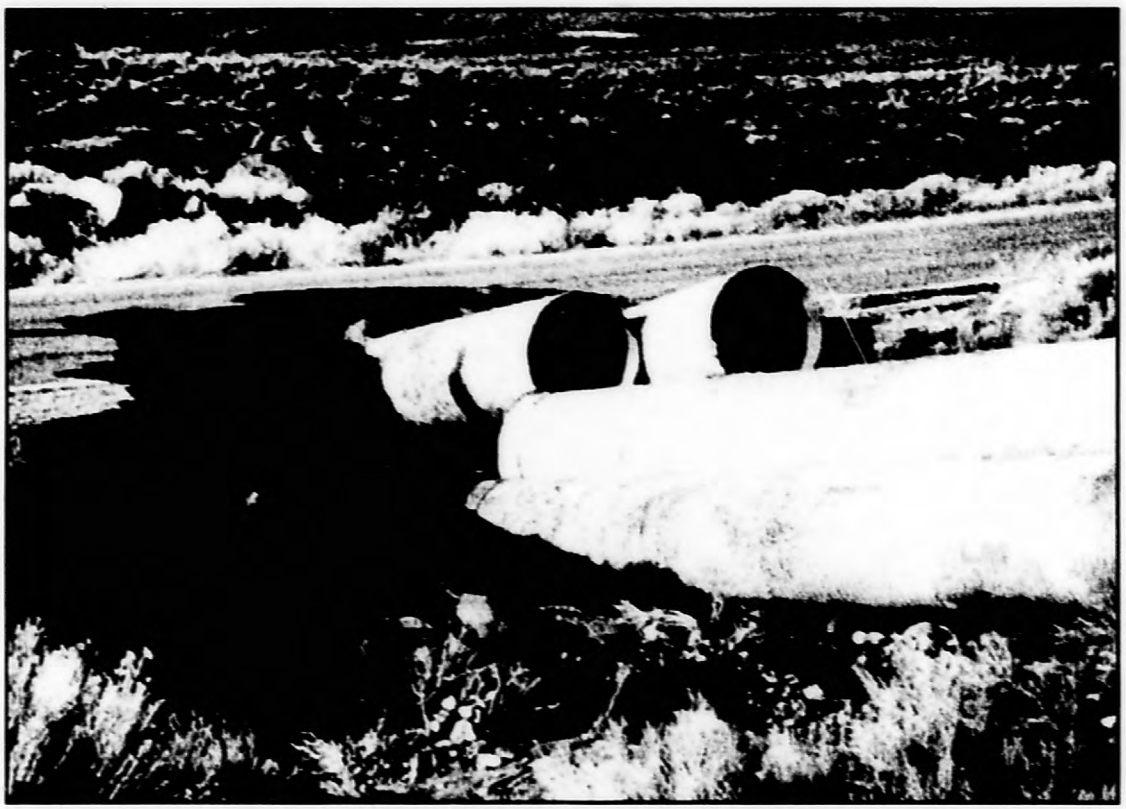
Diam-meter (Inches)	Perforated Interval (Feet) Top	Bottom	Elevation (Feet Above Sea Level)	Period of Record	Water Levels (Feet Below Land Surface) Highest	Date	Lowest	Date	Current	Date
10.		--	4690.	1980	382.0	03/10/90	395.	04/27/80	394.3	02/05/95
10.75	559.	-- 679.	6010.	1983	219.20	04/21/83	227.18	07/27/83	225.9	11/04/94
									225.90	12/14/94
									225.8	05/18/95
									225.7	07/06/95
60.		--	5250.	1950	6.15	04/14/93	15.21	02/28/68	11.44	03/20/95
6.		--	4800.	1968	5.69	03/13/74	9.30	03/28/68	7.12	03/20/95
2.		--	5578.	1991	68.68	03/29/95	69.34	06/29/93	68.86	11/04/94
									68.95	12/13/94
									68.68	03/29/95
									68.8	05/17/95
									68.8	07/06/95
2.			5830.	1980	172.6	01/17/96	176.	09/14/80	174.72	11/04/94
									175.6	05/17/95
									175.2	07/06/95
10.	60.	-- 80.	4784.	1946	30.32	04/25/46	41.88	04/15/95	41.88	04/15/95
8.			5000.	1949	10.72	03/20/50	22.82	08/27/64	17.15	04/15/95
10.			4605.	1962	20.74	02/24/62	24.73	03/26/86	21.56	04/15/95
14.			4360.	1963	10.18	04/05/93	26.26	11/18/65	10.45	04/15/95
16.			2670.	1977	24.50	04/15/95	33.50	06/14/91	24.50	04/15/95
48.			5340.	1948	28.30	03/29/94	31.83	03/24/65	30.75	03/30/95
6.			5417.	1953	6.68	03/16/83	13.66	10/13/62	10.90	03/27/95
6.			3500.	1960	5.85	02/23/63	11.76	01/18/77	9.22	04/14/95
10.			3020.	1952	14.82	04/13/83	34.30	12/21/92	27.10	04/15/95
			2340.	1990	148.67	07/18/95	176.00	09/02/92	157.68	12/06/94
									153.25	05/03/95
									148.67	07/18/95
8.62	260.	-- 300.	2310.	1972	105.06	02/12/92	183.10	06/04/90	153.60	12/06/94
									140.40	05/03/95
									144.75	07/18/95
10.			2228.	1970	22.60	04/18/95	78.88	11/07/79	23.20	11/29/94
									25.09	01/25/95
									22.60	04/18/95
									26.02	05/01/95
									29.25	07/18/95
6.	480.	-- 560.	1847.	1971	29.55	04/18/95	158.16	02/22/71	34.50	11/29/94
									29.55	04/18/95
									37.78	07/18/95
8.62			2130.	1976	61.70	02/13/96	97.10	09/02/92	74.80	12/06/94
									62.30	05/03/95
									69.68	07/18/95
4.			1960.	1970	13.55	04/18/95	32.80	09/15/87	24.00	11/29/94
									17.44	01/25/95
									13.55	04/18/95
									22.00	07/18/95
8.62	265.	-- 300.	1786.	1967	24.50	12/05/95	66.	04/19/67	28.16	01/25/95
									24.75	05/03/95
									24.75	07/18/95
			2232.	1971	117.79	03/05/71	176.55	07/18/95	159.98	04/19/95
									159.94	05/03/95
									176.55	07/18/95
26.	69.	-- 111.	520.	1985	12.	10/27/83	27.14	08/11/89	26.84	04/11/95
7.	95.	--	511.	1973	16.62	04/12/94	25.67	04/07/76	17.65	04/11/95

MISCELLANEOUS SITES

CARBONATE ROCK STUDY AREA

Discharge measurements in the following table were at Carbonate Rock Study area sites in eastern Nevada.

Station name and number	Tributary to	Location and drainage area	Period of record (water years)	Measurements	
				Date	Discharge (ft^3/s)
Central Region					
Odgers Creek near McGill, NV (10243745)	Spring Valley	Lat 39°24'08", long 114°31'40", in $NE^1/_4NE^1/_4$ sec.27, T.18 N., R.66 E., White Pine County, Hydrologic Unit 16060008, at canyon mouth, 1.2 mi west of State Highway 893, and 13.4 mi east of McGill.	1973-80, 1991-95	12-14-94 3-27-95 6-26-95 9-18-95	1.1 1.6 9.7 1.8
Bassett Creek near McGill, NV (10243750)	Spring Valley	Lat 39°26'31", long 114°32'00", in $SW^1/_4NE^1/_4$ sec.10, T.18 N., R.66 E., White Pine County, Hydrologic Unit 16060008, 1.8 mi west of State Highway 893, and 13.0 mi northeast of McGill.	1968-80, 1991-95	12-14-94 3-27-95 6-26-95 9-18-95	1.0 1.5 34 3.8
Kalamazoo Creek near McGill, NV (10243800)	Spring Valley	Lat 39°33'48", long 114°33'13", in $SE^1/_4SW^1/_4$ sec.28, T.20 N., R.66 E., White Pine County, Hydrologic Unit 16060008, at canyon mouth, 1.2 mi west of State Highway 893, and about 17 mi northeast of McGill.	1983-85, 1991-95	12-13-94 3-27-95 6-26-95 9-18-95	3.1 4.2 23 4.7
McCoy Creek near McGill, NV	Spring Valley	Lat 39°22'27", long 114°31'39", in $NE^1/_4NE^1/_4$ sec.3, T.17 N., R.66 E., White Pine County, Hydrologic Unit 16060008, at canyon mouth, 1.7 mi west of State Highway 893, and 13.8 mi southeast of McGill.	1991-95	12-15-94 3-27-95 6-28-95 9-19-95	3.3 4.3 35 4.9
Taft Creek near McGill, NV	Spring Valley	Lat 39°20'29", long 114°31'46", in $NE^1/_4NE^1/_4$ sec.15, T.17 N., R.66 E., White Pine County, Hydrologic Unit 16060008, 2.3 mi south of McCoy Creek, 2.4 mi west of State Highway 893, and about 14 mi southeast of McGill.	1991-95	12-15-94 3-28-95 6-28-95 9-20-95	.55 1.0 18 2.2
Cooper Canyon Creek near Ely, NV	Spring Valley	Lat 39°06'02", long 114°34'15", in $SE^1/_4SW^1/_4$ sec.4, T.14 N., R.66 E., White Pine County, Hydrologic Unit 16060008, 2.2 mi west of State Highway 893, 5.2 mi north of junction for U.S. Highways 6, 50, and 93, and 18.4 mi southeast of Ely.	1991-95	12-15-94 3-28-95 6-28-95 9-20-95	0 0 0 0
Willard Creek near Baker, NV	Spring Valley	Lat 39°01'45", long 114°22'36", in $SW^1/_4SE^1/_4$ sec.31, T.14 N., R.68 E., White Pine County, Hydrologic Unit 16060008, 2.6 mi southeast of Hogum, 10.8 mi east of junction for U.S. Highways 6, 50, and 93, and 14.6 mi west of Baker.	1991-95	12-15-94 3-28-95 6-28-95 9-19-95	.28 .71 6.2 .31



Culvert damage at Stockade Wash at Airport Road, Nevada Test Site, March 1995

Photograph by David A. Beck

SURFACE-WATER RECORDS
LOCATION OF SPRING DISCHARGE SITES (figure 30)
CARBONATE-ROCK STUDY AREA

Site number		Local number	Latitude	Longitude	Site name
1	219	S18 E50 03ADBA1	36°42'35"	114°42'54"	Pederson Spring
2	230	S18 E50 03ADBA1	36°25'13"	116°19'27"	Crystal Pool
3	207	N12 E61 02ABAB1	38°56'14"	115°04'50"	Unknown (Preston)
4	207	N12 E61 02DBCB1	38°55'42"	115°04'58"	Indian Ranch Spring
5	207	N12 E61 02ACAB1	38°56'01"	115°04'50"	Preston Big Spring
6	207	N12 E61 12DCCD1	38°54'33"	115°03'45"	Arnoldson Spring
7	207	N12 E61 12DBDD1	38°54'45"	115°03'37"	Nicholas Springs
8	207	N12 E61 12BDAD1	38°55'05"	115°03'57"	Cold Springs
9	207	N12 E61 12DCAD1	38°54'39"	115°03'37"	Unknown (Preston)
10	207	N11 E62 04AABA1	38°51'00"	115°00'09"	Lund Spring
11	207	N09 E62 19DB 1	38°37'26"	115°02'51"	Emigrant Springs
12	207	N09 E61 32DABC1	38°35'41"	115°08'18"	Moorman Spring
13	207	N07 E62 28ABDC1	38°26'23"	115°00'39"	Butterfield Spring
14	207	N07 E62 33BCAB1	38°25'26"	115°01'14"	Flag Spring No 1
15	207	N07 E62 33BCCB1	38°25'22"	115°01'20"	Flag Spring No 2
16	207	N07 E62 33BCCC1	38°25'17"	115°01'20"	Flag Spring No 3
17	207	N06 E61 18AADA1	38°22'59"	115°09'09"	Hot Creek Spring
18	203	S02 E68 04BADD1	37°48'27"	114°22'51"	Panaca Spring
19	209	S04 E60 14DBAB1	37°35'54"	115°12'52"	Hiko Spring
20	209	S05 E60 10ADBB1	37°31'54"	115°13'58"	Crystal Springs
21	209	S06 E61 06BBBB1	37°27'49"	115°11'30"	Ash Springs
22	219	S14 E65 16BBB 1	36°43'33"	114°43'38"	Muddy River 9
23	219	S14 E65 16AB 1	36°43'29"	114°43'11"	Muddy River Main
24	219	S14 E65 16ABB 1	36°43'27"	114°43'08"	Muddy River 10
25	219	S14 E65 16ABDD1	36°43'19"	114°42'55"	Muddy River 18
26	219	S14 E65 16ACA 1	36°43'19"	114°42'58"	Muddy River 4
27	219	S14 E65 16BCB 1	36°43'15"	114°43'39"	Muddy River 7 And 8
28	219	S14 E65 16BD 1	36°43'16"	114°43'19"	Muddy River West
29	219	S14 E65 16BCA 1	36°43'14"	114°43'30"	Muddy River 6
30	219	S14 E65 16BDBC1	36°43'14"	114°43'27"	Muddy River 3
31	219	S14 E65 16BDBD1	36°43'14"	114°43'24"	Muddy River 5
32	219	S14 E65 16ACCA1	36°43'11"	114°43'04"	Muddy River 2
33	219	S14 E65 16ACCD1	36°43'10"	114°43'04"	Muddy River 1
34	219	S14 E65 16DCB 1	36°42'54"	114°43'06"	Muddy River 17
35	219	S14 E65 21AAAB2	36°42'38"	114°42'44"	Muddy River 16
36	219	S14 E65 21AAAA1	36°42'38"	114°42'42"	Muddy River 15
37	219	S14 E65 21AABB2	36°42'37"	114°42'54"	Muddy River 12
38	219	S14 E65 21AABB3	36°42'36"	114°42'54"	Muddy River 13
39	219	S14 E65 21AAAA2	36°42'36"	114°42'43"	Warm Springs East
40	219	S14 E65 21AABB1	36°42'38"	114°42'52"	Muddy River 11
41	230	S17 E50 15ABDA1	36°28'46"	116°19'32"	Rogers Spring
42	230	S17 E50 22ABAA1	36°28'03"	116°19'32"	Longstreet Spring
43	230	S17 E50 09AD 1	36°29'26"	116°20'28"	Fairbanks Spring
44	230	S18 E51 19ACB 1	36°22'29"	116°16'25"	Big Spring
45	230	N26 E02 13BDC 1	36°22'52"	116°42'53"	Navel Spring
46	230	N27 E01 23 ABB 1	36°27'28"	116°50'11"	Texas Spring
LOCATION OF HIGH-ELEVATION SITES IN EASTERN AND SOUTHERN NEVADA (figure 30)					
11			40°07'26"	114°52'47"	Cherry Creek Range
12			39°19'13"	114°14'31"	Unnamed Peak Nw of Mt Moriah
13			39°14'36"	115°32'39"	Mt. Hamilton
14			39°09'46"	114°36'49"	Cave Mountain
15			38°54'09"	114°18'54"	Mt. Washington
16			38°14'38"	114°23'33"	Mt. Wilson
17			36°39'29"	115°11'58"	Hayford Peak
18			36°35'00"	115°14'43"	Sheep Peak
19			36°22'40"	115°46'21"	Trough Spring
20			36°18'22"	115°40'25"	Lee Canyon
21			36°14'57"	115°37'33"	Kyle Canyon
22			35°56'[illegible]	115°29'46"	Potosi Peak

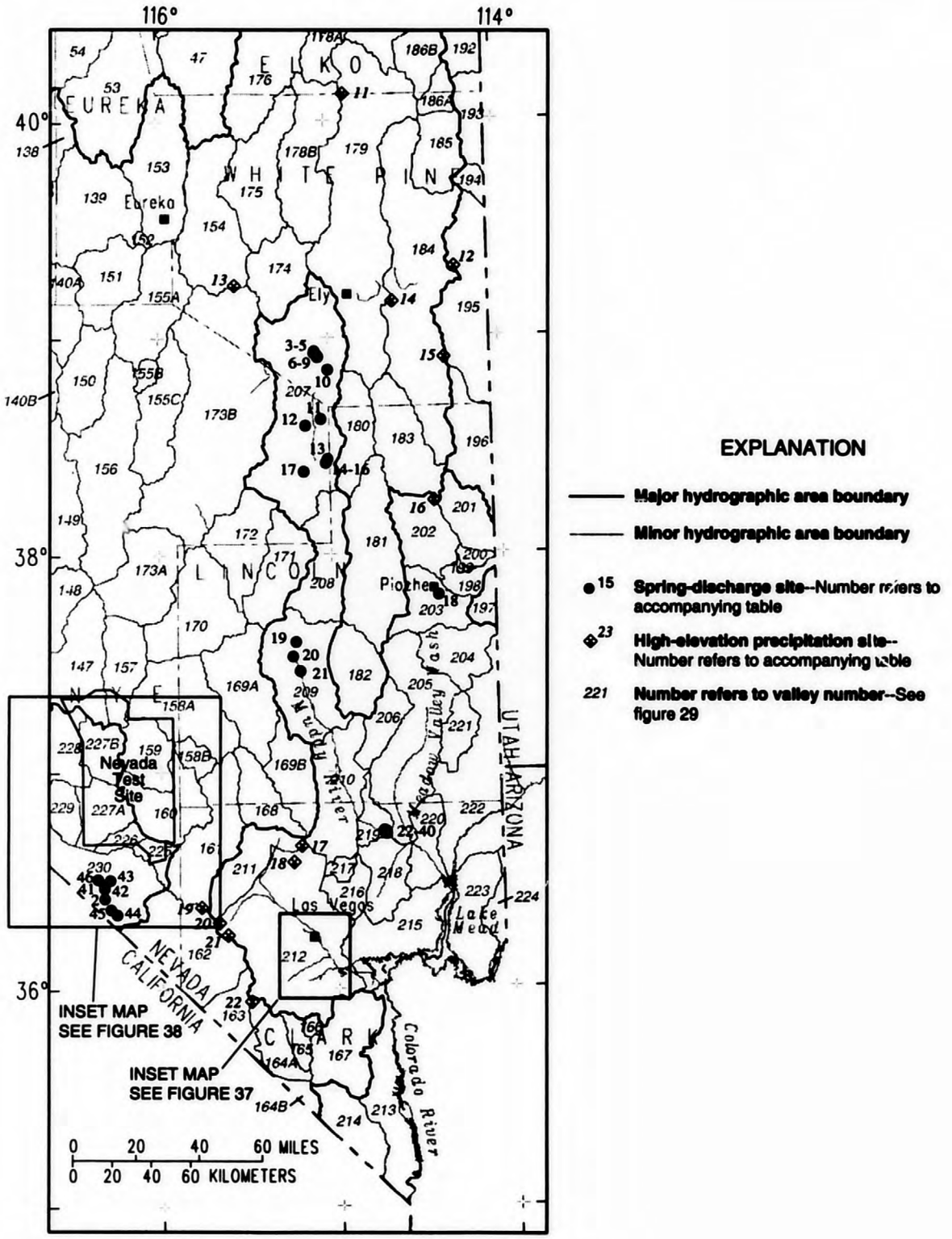


Figure 30. Selected springs and high-elevation precipitation sites within carbonate-rock study area, eastern Nevada.

SPRING DISCHARGE

CARBONATE-ROCK STUDY AREA

Location of following sites are shown in figure 30.

Spring Number	Site Identification	Spring Name	Owner	Use[1]	Land Surface Elevation (Feet)	Measurement		
						Date	Discharge (ft^3/s)	Method[2]
203 S02 E68 04BADD1	374827114225101	Panaca Spring		I	4770	10/18/94	.28	C
207 N06 E61 18AADA1	382259115090801	Hot Creek Spring	Nevada Department of Fish & Wildiife	I	5225	10/19/94	12	C
207 N07 E62 28ABDC1	382624115004001	Butterfield Spring	Sunnyside Ranch	I	5320	10/19/94	2.6	C
207 N07 E62 33BCAB1	382526115011401	Flag Spring No 1		I	5290	10/19/94	1.9	C
207 N07 E62 33BCCB1	382522115012001	Flag Spring No 2		I	5280	10/19/94	2.9	C
207 N07 E62 33BCCC1	382517115012001	Flag Spring No 3		I	5290	10/19/94	1.7	C
207 N09 E61 32DABC1	383540115081801	Moorman Spring	Don Eldridge	I	5295	10/19/94	.47	F
207 N09 E62 19DB 1	383726115025101	Emigrant Springs		I	5480	10/20/94	1.1	C/F
207 N11 E62 04AABA1	385158115000401	Lund Spring	Lund Irrigation Co	I	5500	10/19/94	6.4	W
207 N12 E61 02ABAB1	385614115045001	Unknown (Preston)	Joseph Stucki	I	5740	10/20/94	.20[E]	--
207 N12 E61 02ACAB1	385540115045701	Preston Big Spring	Preston & Lund Irrigation Co	I	5700	10/20/94	9.0	C
207 N12 E61 02DBCB1	385542115045801	Indian Ranch Spring		I	5720	10/20/94	.38	C
207 N12 E61 12BDAD1	385507114574801	Cold Springs	Lund Irrigation Co	I	6020	10/20/94	.24	F
207 N12 E61 12DBDD1	385530115044601	Nicholas Springs	Lund Irrigation Co	I	5700	10/20/94	2.9	C
207 N12 E61 12DCAD1	385439115033701	Unknown (Preston)		I	5620	10/20/94	0	--
207 N12 E61 12DCCD1	385539115045702	Arnoldson Spring	Preston Irrigation	I	5700	10/20/94	3.8	C
209 S04 E60 14DBAB1	373554115125201	Hiko Spring		I	3875	10/18/94	6.0	C
209 S05 E60 10ADBB1	373155115135801	Crystal Springs		I	3810	10/18/94	10	C
209 S06 E61 06BBBB1	372749115113401	Ash Springs		I	3615	10/18/94	16	C
219 S14 E65 16AB 1	364329114431101	Muddy River Main	Church of Latter Day Saints	I	1791	10/26/94	3.2	C
219 S14 E65 16ABB 1	364327114430801	Muddy River 10	Church of Latter Day Saints	I	1650	10/26/94	.25	C
219 S14 E65 16ABDD1	364319114425501	Muddy River 18	Church of Latter Day Saints	I	1620	10/25/94	6.9	C
219 S14 E65 16ACA 1	364317114425801	Muddy River 4		I	1620	10/25/94	.06	C
219 S14 E65 16ACCA1	364311114430401	Muddy River 2	Church of Latter Day Saints	I	1620	10/25/94	.10	F
219 S14 E65 16ACCD1	364310114430401	Muddy River 1	Church of Latter Day Saints	I	1620	10/25/94	.19	F
219 S14 E65 16BBB 1	364333114433801	Muddy River 9	Church of Latter Day Saints	I	1650	10/26/94	.04	C
219 S14 E65 16BCA 1	364314114433001	Muddy River 6	Church of Latter Day Saints	I	1650	10/25/94	0	--
219 S14 E65 16BCB 1	364316114433601	Muddy River 7 & 8	Church of Latter Day Saints	I	1650	10/25/94	0	--
219 S14 E65 16BD 1	364316114431901	Muddy River West	Church of Latter Day Saints	I	1794	10/26/94	3.0	C
219 S14 E65 16BDBC1	364314114432701	Muddy River 3	Church of Latter Day Saints	I	1650	10/25/94	.25	C
219 S14 E65 16BDBD1	364314114432401	Muddy River 5	Church of Latter Day Saints	I	1650	10/25/94	3.6	F
219 S14 E65 16DCB 1	364251114430401	Muddy River 17	Fredrick Apcar	I	1620	10/25/94	1.6	C
219 S14 E65 21AA 1	09415910	Pederson Spring	U.S. Fish & Wildlife Service	I	1800	10/25/94	.23	C
219 S14 E65 21AAAA1	364238114424201	Muddy River 15	Warm Springs Resort	I	1620	10/25/94	1.9	C
219 S14 E65 21AAAA2	364236114424301	Warm Springs East	Warm Springs Leisure Parks	I	1790	10/25/95	.61	C
219 S14 E65 21AAAB2	364238114424401	Muddy River 16	Warm Springs Resort	I	1620	10/25/94	.21	C
219 S14 E65 21AABB1	364235114425201	Muddy River 11	U.S. Fish & Wildlife	I	1650	10/25/94	1.1	C
219 S14 E65 21AABB2	364237114425401	Muddy River 12	U.S. Fish & Wildlife	I	1650	10/25/94	.09	C
219 S14 E65 21AABB3	364236114425401	Muddy River 13	U.S. Fish & Wildlife	I	1650	10/25/94	.61	C
230 S17 E50 15ABDA1	362835116192101	Rogers Spring	Calvada Corp	I	2275	11/15/94	1.3	F
230 S17 E50 22ABAA1	362751116192701	Longstreet Spring		I	2310	11/15/94	2.0	F
230 S18 E50 03ADBA1	362502116192301	Crystal Pool	U.S. Fish & Wildlife Service	I	2195	11/15/94	5.4	C

[1] Uses: I, irrigation; P, public supply.
[2] Measurement method: C, current meter; F, flume; V, volumetric; W, Weir
[E], estimated.

HIGH-ELEVATION PRECIPITATION NETWORK

CARBONATE ROCK STUDY AREA

High-elevation precipitation data are collected at sites in eastern and southeastern Nevada. Locations of the following sites are shown in figure 30.

Station Name	Site Identification	Latitude	Longitude	Elevation (feet)	Period	Precipitation (inches)
Cave Mountain	390946114364901	39°09'46"	114°36'49"	10,650	10/19/94 to 07/26/95 07/26/95 to 10/19/95	28.12 1.12
Cherry Creek Range	400726114524701	40°07'26"	114°52'47"	9,700	10/19/94 to 07/26/95 07/26/95 to 10/19/95	-- --
Hayford Peak	363929115115801	36°39'29"	115°11'58"	9,840	10/14/94 to 05/02/95 05/02/95 to 10/19/95	22.13 5.75
Kyle Canyon	361457115373301	36°14'57"	115°37'33"	7,760	10/13/94 to 05/09/95 05/09/95 to 10/20/95	37.63 6.50
Lee Canyon	361822115402501	36°18'22"	115°40'25"	8,510	10/13/94 to 05/11/95 05/11/95 to 10/20/95	29.25 4.50
Mt. Hamilton	391436115323901	39°14'36"	115°32'39"	10,600	10/19/94 to 07/26/95 07/26/95 to 10/19/95	24.19 1.37
Mt. Washington	385409114185401	38°54'09"	114°18'54"	10,440	10/24/94 to 07/19/95 07/19/95 to 11/07/95	30.07 2.63
Mt. Wilson	381438114233301	38°14'38"	114°23'33"	9,200	10/19/94 to 07/26/95 07/26/95 to 10/19/95	18.38 --
NW of Mt. Moriah	391913114143101	39°19'13"	114°14'31"	9,300	10/19/94 to 07/26/95 07/26/95 to 10/19/95	20.63 0.94
Potosi Peak	355641115294601	35°56'41"	115°29'46"	8,080	10/14/94 to 05/02/95 05/02/95 to 10/19/95	26.13 --
Sheep Peak	363500115144301	36°35'00"	115°14'43"	9,600	10/14/94 to 05/02/95 05/02/95 to 10/19/95	19.87 5.50
Trough Spring	362240115462101	36°22'40"	115°46'21"	8,240	10/24/94 to 05/10/95 05/10/95 to 10/11/95	22.62 2.50

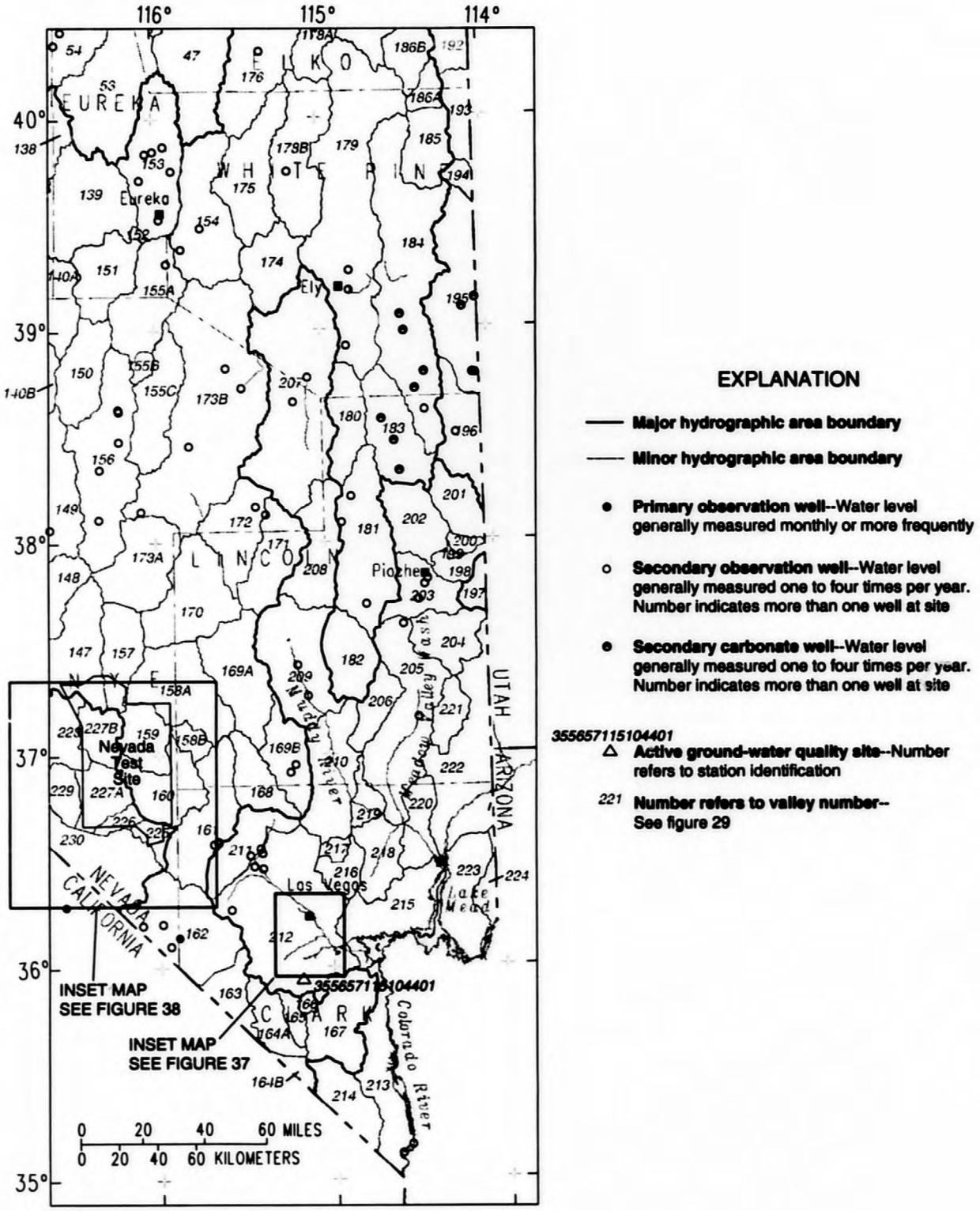


Figure 31. Selected observation wells within carbonate-rock study area and water-quality site, eastern Nevada.

GROUND-WATER LEVELS, PRIMARY OBSERVATION WELLS

CARBONATE ROCK STUDY AREA

PAHRUMP VALLEY

360836115531701. Local number, 162 S21 E54 10AAC1.

LOCATION.--Lat 36°08'36", long 115°53'17", Hydrologic Unit 16060015, in Clark County.
Owner: E. S. Bowman.

AQUIFER.--Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 14 in., depth 800 ft, cased to 472 ft, perforated 100 to 450 ft.

INSTRUMENTATION.--Noon daily graphic recorder.

DATUM.--Elevation of land-surface datum is 2,885 ft above sea level, from topographic map. Measuring point: Edge of recorder shelf, 1.2 ft above land-surface datum.

REMARKS.--Measurements supplied by Office of the Nevada State Engineer.

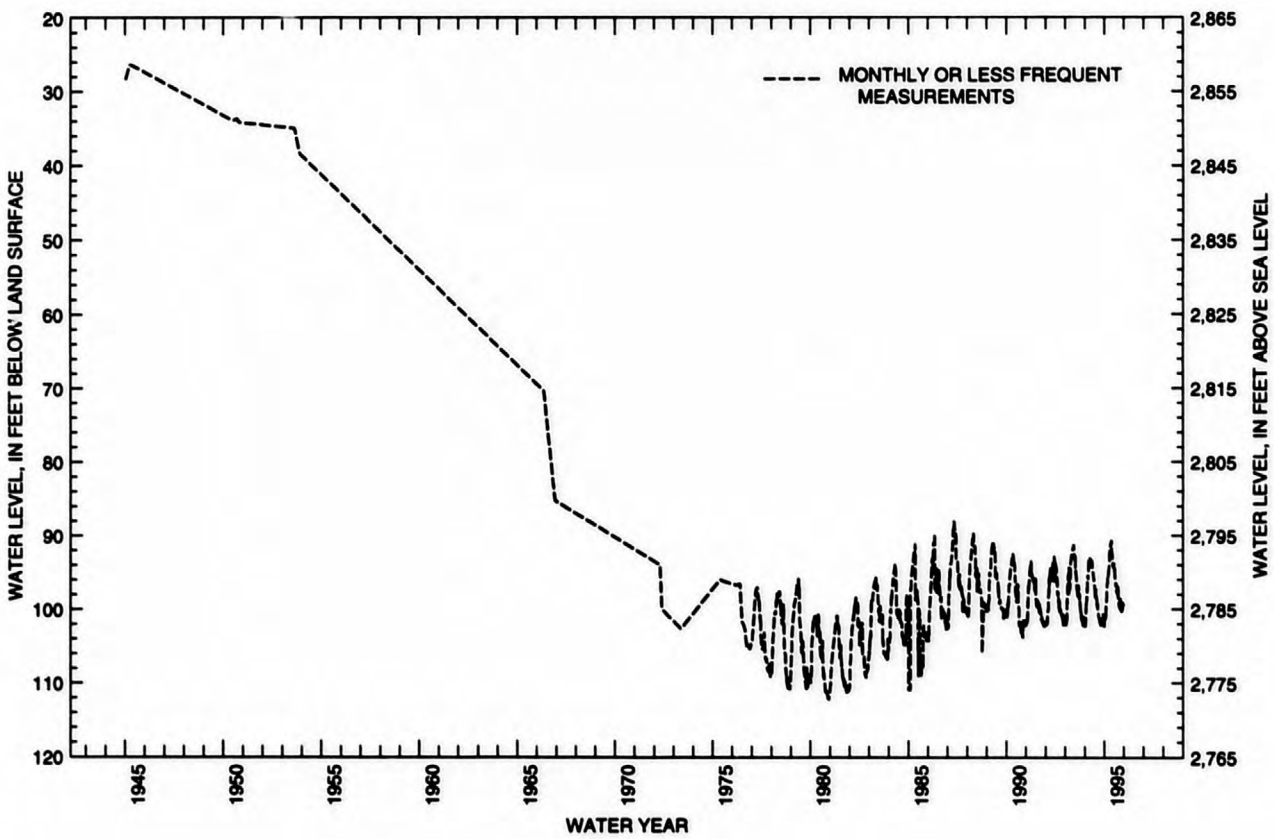
PERIOD OF RECORD.--1944, 1950 through 1970, monthly or intermittent; 1972, 1973, 1975, yearly (unpublished and available in the files of the U.S. Geological Survey); February to August, 1976, monthly; October 1976 to current year, weekly.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.29 ft below land-surface datum, January 5, 1945; lowest measured, 112.25 ft below land-surface datum, September 5, 1980.

WATER LEVELS, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	101.35	99.28	95.63	93.70	90.91	93.88	94.25	96.97	97.34	---	100.08	99.40
10	101.16	99.12	95.85	---	90.75	94.17	---	96.45	96.70	99.59	99.74	99.08
15	101.21	98.56	95.49	91.98	90.64	94.18	---	97.40	98.55	99.94	100.28	99.36
20	101.48	97.12	95.06	92.00	92.26	94.40	---	97.53	---	99.40	100.41	99.48
25	101.20	96.60	94.53	91.33	92.74	94.18	---	97.84	---	98.50	99.72	99.64
EOM	100.12	96.46	94.27	91.20	92.97	93.78	---	97.72	---	98.84	100.21	99.38

WATER YEAR 1995 HIGHEST 90.64 FEB 15 LOWEST 101.48 OCT 20



GROUND-WATER LEVELS, PRIMARY OBSERVATION WELLS

CARBONATE ROCK STUDY AREA--Continued

CAVE VALLEY

382807114521001. Local number, 180 N07 E63 14BADD1.

LOCATION.--Lat 38°28'07", long 114°52'10", Hydrologic Unit 16060009, in Lincoln County.
Owner: U.S. Air Force.

AQUIFER.--Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused observation well, diameter 17 in., depth 460 ft, cased to 460 ft, perforated 210 to 250 ft and 375 to 435 ft.

INSTRUMENTATION.--Water-level recorder since October 1983, hourly.

DATUM.--Elevation of land-surface datum is 6,008 ft above sea level, from topographic map. Measuring point: Top of casing, 2.0 ft above land-surface datum.

REMARKS.--In Cave Valley

PERIOD OF RECORD.--1980; October 1983 to April 1986, hourly (unpublished and available in the files of the U.S. Geological Survey); October 1990 to current year, hourly.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 221.50 ft below land-surface datum, November 2, 1994; lowest recorded, 226.9 ft below land-surface datum, October 24, 1983.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	221.68	221.78	221.72	221.54	221.77	221.64	221.65	221.62	221.63	221.75	221.60	221.65
10	221.70	221.58	221.77	221.68	221.71	221.68	221.79	221.75	221.84	221.66	221.57	221.63
15	221.58	221.75	221.82	221.58	221.89	221.74	221.63	221.79	221.55	221.70	221.61	221.56
20	221.83	221.85	221.83	221.75	221.81	221.61	221.69	221.72	221.67	221.68	221.70	221.58
25	221.77	221.55	221.74	221.67	221.69	221.81	221.65	221.71	221.67	221.63	221.61	221.53
EOM	221.83	221.82	221.83	221.79	221.73	221.77	221.80	221.75	221.68	221.68	221.64	221.67

WATER YEAR 1995 HIGHEST 221.50 NOV 2 LOWEST 221.98 NOV 22

GROUND-WATER LEVELS, PRIMARY OBSERVATION WELLS

CARBONATE ROCK STUDY AREA--Continued

COYOTE SPRING VALLEY

364743114533101. Local number, 210 S13 E63 23DDDC1.

LOCATION.--Lat 36°47'43", long 114°53'31", Hydrologic Unit 15010012, in Clark County.
Owner: U. S. Geological Survey - MX

AQUIFER.--Paleozoic carbonate rock.

WELL CHARACTERISTICS.--Drilled unused observation well, diameter 10 in., depth 669 ft, cased to 669 ft.

INSTRUMENTATION.--Water-level recorder, July 1986 to September 1988, December 1990 to current year, hourly.

DATUM.--Elevation of land-surface datum is 2,173 ft from land survey. Measuring point: Top of casing, 1.0 ft above land-surface datum.

REMARKS.--CE-DT-4 Well.

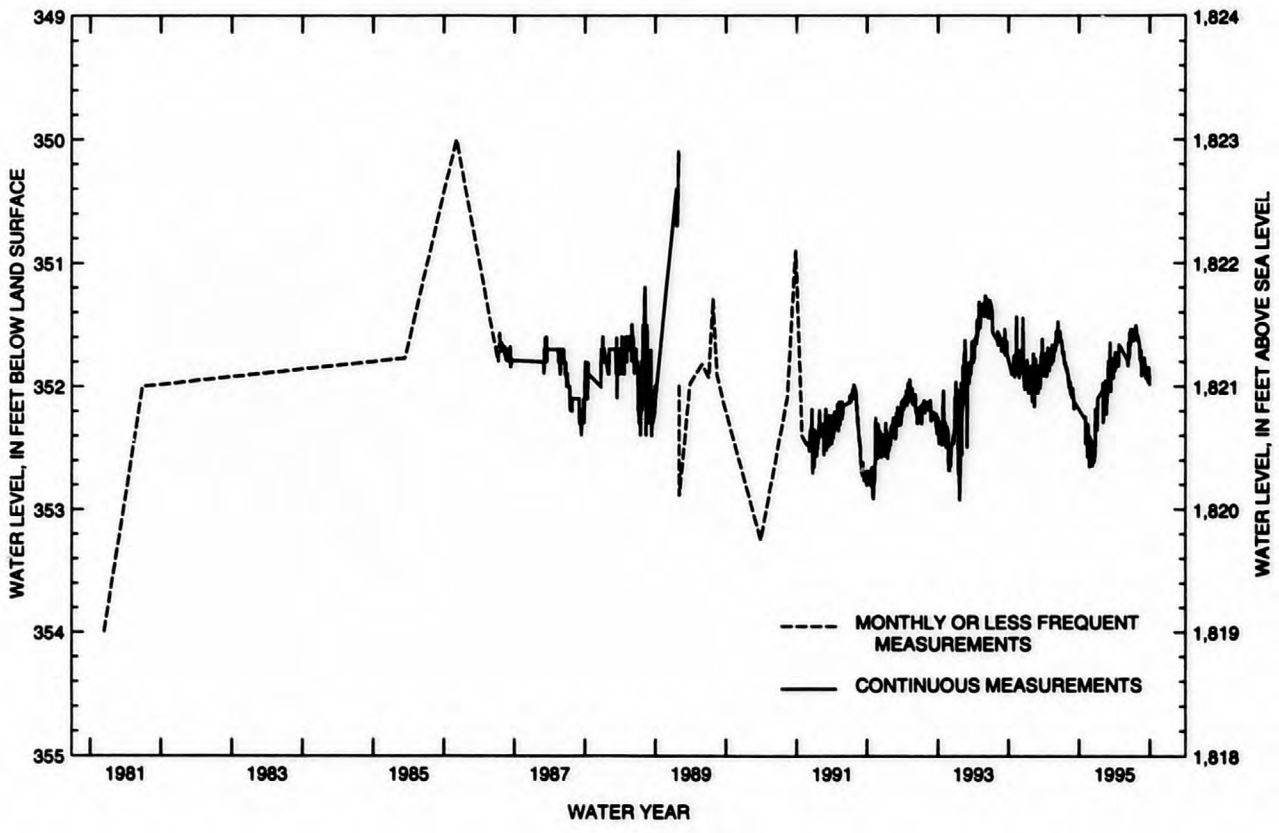
PERIOD OF RECORD.--December 1980, 1981, 1985, 1986, intermittent; July 1986 to September 1986, hourly, (unpublished and available in the files of the U.S. Geological Survey); October 1986 to September 1988, hourly; September 1988 to December 1990, monthly; December 1990 to current year, hourly.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 350.00 ft below land-surface datum, December 4, 1985; lowest reported, 354 ft below land-surface datum, December 12, 1980.

WATER LEVELS, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	352.44	352.44	352.10	352.24	351.81	351.75	---	---	351.59	351.62	351.88
10	---	352.31	352.56	---	352.11	351.90	351.85	---	351.84	351.61	351.68	351.91
15	---	352.44	352.59	---	352.13	351.92	351.74	---	351.64	351.62	351.72	351.86
20	---	352.53	352.58	---	352.12	351.81	351.81	---	351.56	351.53	351.91	351.91
25	---	352.40	352.18	---	352.02	351.91	351.66	---	351.54	351.56	351.85	351.84
EOM	---	352.55	352.28	352.05	351.99	351.87	---	---	351.59	351.63	351.84	351.99

WATER YEAR 1995 HIGHEST 351.50 JUL 22 LOWEST 352.66 NOV 22



GROUND-WATER LEVELS, SECONDARY OBSERVATION WELLS

CARBONATE ROCK STUDY AREA

County codes: 017, Lincoln; 033, White Pine.
Water-use codes: U, unused.
Aquifer codes: U, unknown.
Locations of following sites are shown in figure 31.

Local Well No	Site Id	Owner	County	Water Use	Aquifer	Well Depth (Feet)
183 N06 E66 35C 1	382003114322501	U.S. Bureau of Land Management	017	U	U	161.
183 N07 E66 16DC 1	382753114341301	U.S. Geological Survey-MX	017	U	U	97.
183 N08 E65 02D 1	383502114383201	Nevada Highway Department	017	U	U	130.
184 N10 E67 22AA 1	384310114261401	U.S. Geological Survey-MX	033	U	U	100.
184 N11 E68 19DCDC1	384745114224401	U.S. Geological Survey-MX	033	U	U	200.
184 N13 E67 18DCAB1	385920114294001	Jorwoods	033	S	U	120.
184 N14 E66 24BDDD1	390352114305401	U.S. Geological Survey-MX	033	U	U	160.
195 N11 E70 35BA 1	384714114051001	U.S. Geological Survey-MX	033	U	U	200.
195 N14 E70 08DC 1	390543114081801	U.S. Geological Survey-MX	033	U	U	79.
195 N15 E70 25DD 1	390812114033601	U.S. Geological Survey-MX	033	U	U	94.

GROUND-WATER LEVELS, SECONDARY OBSERVATION WELLS

CARBONATE ROCK STUDY AREA

Depths, diameter, and elevation: Depths are referenced to land-surface datum (LSD). Well depth, perforated interval, and elevation are rounded to nearest foot. Well diameter is rounded to nearest inch. Elevation is that of LSD, with reference to sea level.

Period of record: Interval shown spans period from earliest measurement to latest measurement, and may include intervals with no record.

Diam-meter (Inches)	Elevation (Feet Above Sea Level)	Period of Record	Water Levels (Feet Below Land Surface)					
			Highest	Date	Lowest	Date	Current	Date
8.	5950.	07/26/46	13.03	07/26/46	142.87	10/18/95	141.46	12/14/94
							140.46	03/29/95
							140.34	07/07/95
2.	5988.	07/01/80	17.	07/01/80	20.29	09/15/92	20.03	12/14/94
						07/07/92	19.39	03/29/95
							19.02	07/07/95
--	5975.	11/17/64	32.60	03/02/91	37.90	09/07/90	32.73	03/29/95
2.	5889.	07/01/80	63.50	10/18/95	67.	07/01/80	65.78	12/14/94
							65.84	03/29/95
							65.78	07/06/95
2.	5906.	04/19/83	93.1	09/08/90	98.12	07/06/95	97.77	12/13/94
							97.98	03/29/95
							98.12	07/06/95
6.	5850.	04/22/60	45.55	12/06/91	53.30	04/22/60	51.81	12/13/94
							51.93	03/29/95
							51.85	07/06/95
2.	5840.	04/21/83	35.92	03/17/92	38.92	04/21/83	36.60	12/13/94
							36.95	03/29/95
							37.04	07/06/95
2.	5660.	09/01/80	141.03	09/26/91	143.	09/01/80	141.40	12/13/94
							141.51	03/29/95
							141.59	07/06/95
2.	5996.	03/18/92	55.26	06/30/93	62.58	12/13/94	62.58	12/13/94
							62.02	03/29/95
							57.41	07/06/95
2.	5068.	09/26/91	10.57	03/18/92	12.58	10/17/95	12.02	12/13/94
							12.05	03/29/95
							12.26	07/06/95

MISCELLANEOUS SITES

CARLIN TREND

Discharge measurements in the following table were made at Carlin Trend Network sites in northeastern Nevada.

Station name and number	Tributary to	Location and drainage area	Period of record (water years)	Measurements	
				Date	Discharge (ft^3/s)
		Humboldt River Basin			
Susie Creek below Huntsman Ranch near Carlin, NV (10321550)	Humboldt River	Lat 40°48'32", long 116°02'46", in NE¼NE¼ sec.30, T.34 N., R.53 E., Elko County, Hydrologic Unit 16040101, 2.6 mi downstream from Huntsman Ranch, and about 8 mi northeast of Carlin.	1992-95	10-24-94 8-17-95	2.5 1.1
Beaver Creek near Tuscarora, NV (10321720)	Maggie Creek	Lat 41°04'18", long 11[illegible]3", in SE¼NE¼ sec.30, T.[illegible] R.52 E., Elko County, Hydrolog[illegible]Unit 16040101, 3.1 mi from Maggie Creek Road, 4.5 mi north of Red House Ranch, and about 17 mi southeast of Tuscarora.	1994-95	10-13-94 5-30-95 6-30-95 7-26-95 8-16-95 9-20-95	.11 26 5.6 .92 .17 .16
Beaver Creek above Maggie Creek, near Tuscarora, NV (10321730)	Maggie Creek	Lat 41°02'08", long 116°07'23", in SW¼SW¼ sec.3, T.36 N., R.52 E., Elko County, Hydrologic Unit 16040101, 200 ft upstream of Maggie Creek, and about 19 mi southeast of Tuscarora.	1991-92, 1994-95	10-13-94 5-30-95 6-30-95 7-26-95 8-16-95 9-20-95	0 23 1.5 0 0 0
Coyote Creek near Tuscarora, NV (10321810)	Maggie Creek	Lat 41°00'39", long 116°14'23", in SE¼NE¼ sec.16, T.36 N., R.51 E., Elko County, Hydrologic Unit 16040101, 5.3 mi from Maggie Creek Road, and about 21 mi south of Tuscarora.	1994-95	10-13-94 5-31-95 7-03-95 7-26-95 8-16-95 9-20-95	.31 15 3.5 .94 .31 .26
Coyote Creek at Maggie Creek Road, near Carlin, NV (10321820)	Maggie Creek	Lat 40°57'09", long 116°10'19", in SE¼NW¼ sec.6, T.35 N., R.52 E., Eureka County, Hydrologic Unit 16040101, at Maggie Creek Road, 0.7 mi upstream of Maggie Creek, and 16.5 mi northwest of Carlin.	1991-92, 1994-95	10-13-94 5-30-95 7-03-95 7-26-95 8-16-95 9-20-95	0 5.8 0 0 0 0
Little Jack Creek near Carlin, NV (10321840)	Maggie Creek	Lat 40°59'16", long 116°15'15", in NW¼NW¼ sec.28, T.36 N., R.51 E., Eureka County, Hydrologic Unit 16040101, at canyon mouth, 6.4 mi from Maggie Creek Road, and 20.3 mi northwest of Carlin.	1994-95	10-13-94 5-31-95 7-03-95 7-26-95 8-16-95 9-20-95	.04 4.2 1.2 .44 .17 .09
Indian Creek above Jack Creek near Carlin, NV (10321850)	Maggie Creek	Lat 40°58'06", long 116°16'13", in SE¼NW¼ sec.36, T.36 N., R.50 E., Eureka County, Hydrologic Unit 16040101, at canyon mouth, 5.7 mi from Maggie Creek Road, and 19.5 mi northwest of Carlin.	1994-95	10-13-94 5-31-95 7-03-95 7-26-95 8-16-95 9-22-95	.05 .79 .91 .48 .32 .13
Jack Creek at Maggie Creek Road near Carlin, NV (10321870)	Maggie Creek	Lat 40°55'01", long 116°10'48", in SE¼SE¼ sec.13, T.35 N., R.51 E., Eureka County, Hydrologic Unit 16040101, at Maggie Creek Road, 5.5 mi from State Highway 766, and 14.3 mi northwest of Carlin.	1994-95	10-13-94 5-30-95 7-03-95 7-26-95 8-16-95 9-22-95	0 1.1 0 0 0 0
Maggie Creek above Maggie Creek Canyon, near Carlin, NV (10321940)	Humboldt River	Lat 40°49'30", long 116°13'21", in SE¼NE¼ sec.22, T.34 N., R.51 E., Eureka County, Hydrologic Unit 16040101, 1.0 mi south of confluence of Simon Creek, and 9.8 mi northwest of Carlin.	1988-95	10-24-94 8-17-95	3.9 2.6

MISCELLANEOUS SITES

CARLIN TREND--Continued

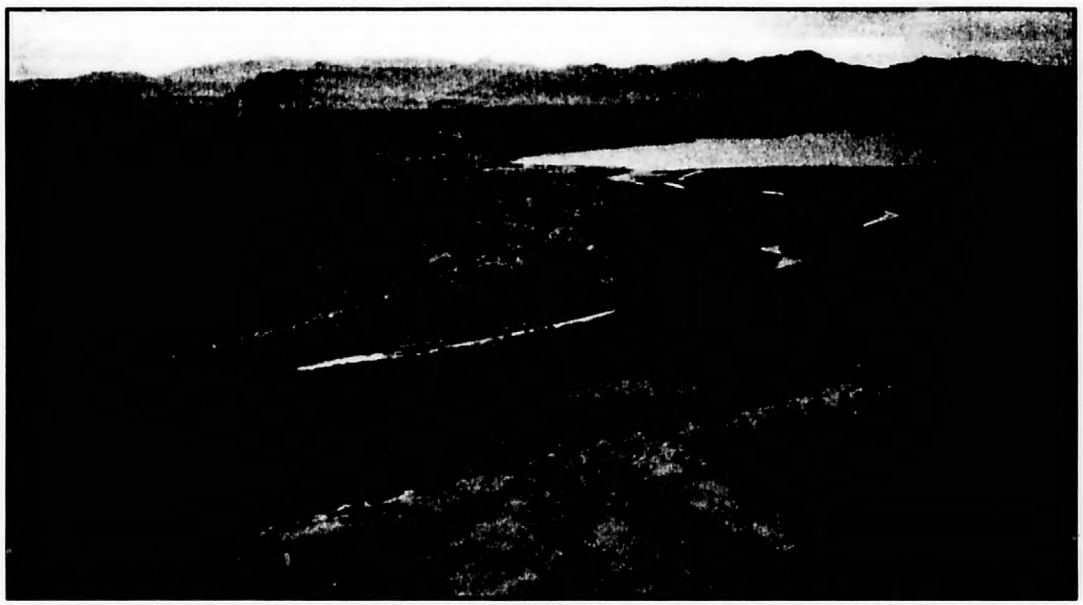
Station name and number	Tributary to	Location and drainage area	Period of record (water years)	Measurements	
				Date	Discharge (ft^3/s)
		Humboldt River Basin--Continued			
Rock Creek at State Highway 18 near Midas, NV (10323780)	Humboldt River	Lat 41°12'41", long 116°41'03", in NE¼SE¼ sec.32, T.39 N., R.47 E., Elko County, Hydrologic Unit 16040106, 6.3 mi southeast of Midas, and 7.8 mi west of Willow Creek Reservoir.	1992, 1995	10-14-94 8-18-95	0 0
Willow Creek above Willow Creek Reservoir near Tuscarora, NV (10323870)	Rock Creek	Lat 41°12'57", long 116°28'03", in SW¼NE¼ sec.32, T.39 N., R.49 E., Elko County, Hydrologic Unit 16040106, about 4 mi upstream of dam, and 14.5 mi southwest of Tuscarora.	1995	10-14-94 8-18-95	.27 .12
Boulder Creek above Boot Strap Mine near Tuscarora, NV (10324680)	Rock Creek	Lat 41°04'34", long 116°23'19", in SE¼NE¼ sec.22, T.37 N., R.49 E., Elko County, Hydrologic Unit 16040105, 4.4 mi northeast of Boot Strap Mine, and 19 mi southwest of Tuscarora.	1991-92, 1995	10-25-94 8-17-95	.28 0
Antelope Creek above Little Antelope Creek near Midas, NV (10324250)	Rock Creek	Lat 41°03'41", long 116°27'32", in NW¼NE¼ sec.29, T.37 N., R.49 E., Elko County, Hydrologic Unit 16040106, about 5 mi upstream from Little Antelope Creek, and 20.6 mi southeast of Midas.	1991-95	10-25-94 8-17-95	0 0
Izzenhood Ranch Spring near Orifice, near Battle Mountain, NV (405543116534101)	--	Lat 40°55'43", long 116°53'41", in NE¼NW¼ sec.10, T.35 N., R.45 E., Lander County, Hydrologic Unit 16040105, 0.5 mi northeast of Izzenhood Ranch, and about 17 mi northeast of Battle Mountain.	1992-95	10-06-94 11-15-94 5-04-95 7-24-95 8-31-95	4.5 3.8 4.0 3.5 2.6

GROUND-WATER LEVELS

CARLIN TREND

WATER USE: I, irrigation; S, stock; U, unused.
WATER-LEVEL METHOD: S, steel tape; T, electric tape.
The following sites are shown in figure 29.

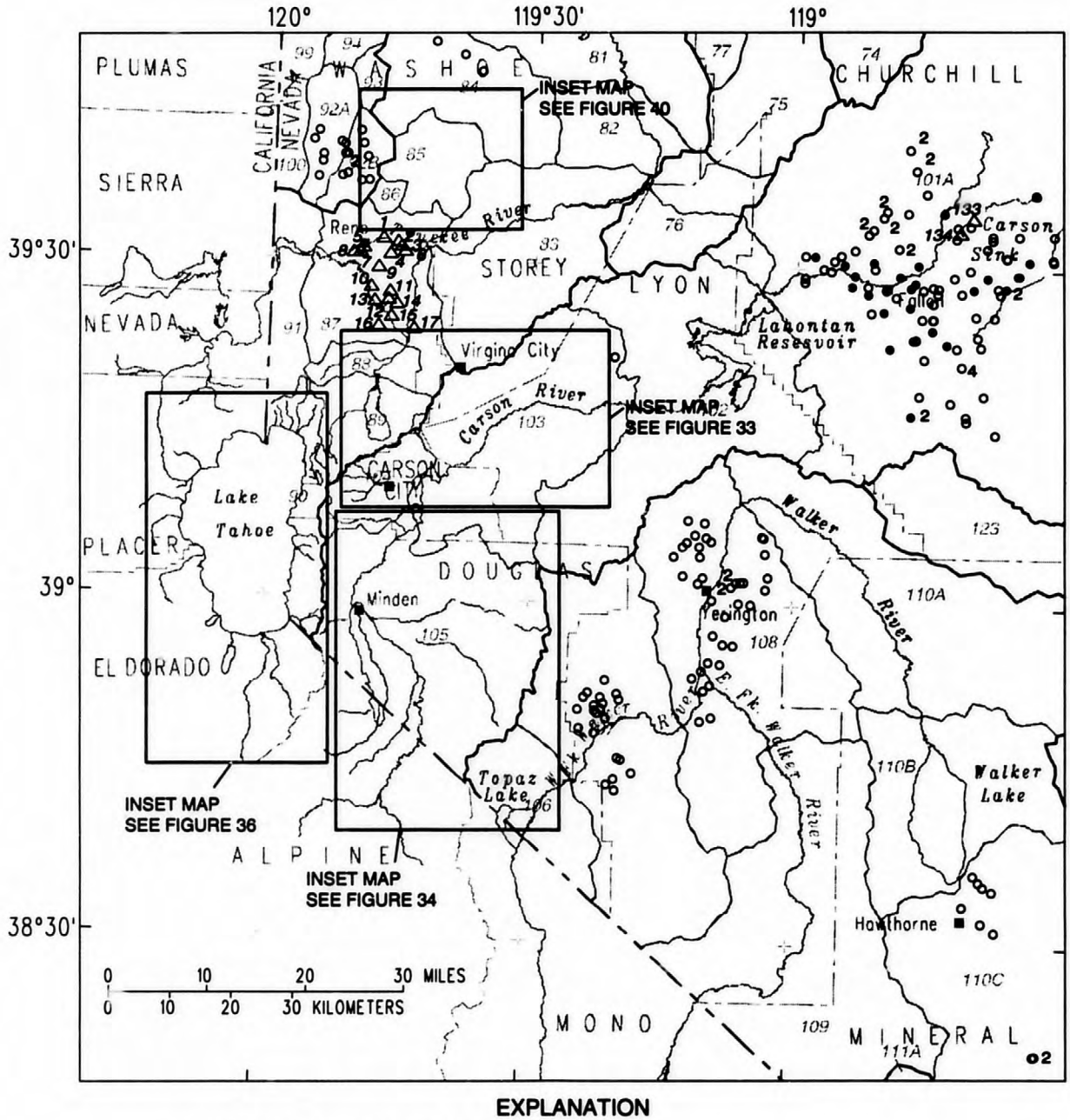
Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
36 N39 E51 35CADC1	Rhodes (G119)	411347116123801	S	69.	5895.	04/17/95	7.57	--	S
50 N33 E52 13BD 1	Gravel Pit No 2 (G67)	404452116043701	U		4960.	04/04/95	16.92	--	S
50 N34 E52 21ADA 1	Dry Gulch Windmill 2	404923116073301	U	395.	5350.	04/04/95	283.62	--	S
51 N33 E52 16ADD 1	USGS-1A (G63)	404457116072601	U	100.	4970.	04/04/95	34.42	--	S
51 N33 E52 16ADD 2	USGS-1B (G62)	404457116072602	U	63.	4970.	04/04/95	34.38	--	S
51 N33 E52 16DCCC1	USGS 2 DUMP WELL (G65)	404421116075301	U	160.	5020.	04/04/95	98.37	--	S
51 N34 E51 15BDD 1	Newmont Gold NMC2 (G-19)	405010116134101	U	1000.	5150.	06/30/95	-6.88	--	S
						04/10/95	57.65	--	S
51 N35 E51 31DDD 2	DH-1 Windmill (G23)	405217116163402	S	300.	5380.	04/10/95	57.60	--	S
51 N35 E51 32CB1	Drill Hole DH-1 (G22)	405234116161901	U		5380.	04/10/95	10.89	--	S
51 N35 E52 28BCC 1	Petro Chem (G30)	405336116082101	U	187.	5480.	04/07/95	44.25	--	S
52 N32 E51 01CBB 1	Freeway Well (G78)	404103116114901	U		5220.	04/06/95	147.95	--	S
52 N33 E52 27DDBA1	City Shops Well	404240116025001	U	500.	4895.	04/04/95	7.62	--	S
61 N32 E45 11DACA1	USGS	403920116520001	U	197.	4518.	03/20/95	10.89	--	S
61 N32 E49 11ADAC1	TS Ranch - Bobs Flat (G81)	403945116242101	S	350.	5074.	04/06/95	216.31	--	S
61 N33 E45 26DAC 1	Stony Point (G101)	404210116515901	U	403.	4718.	04/05/95	197.4	--	T
61 N33 E47 24DBAD1	TS Ranch Irrigation (G94)	404309116371201	U	326.	4590.	04/06/95	8.38	--	S
61 N33 E49 07AABA1	USGS ET Well (G87)	404522116290301	U	29.	4644.	04/06/95	16.25	--	S
61 N33 E49 10BCDC1	TS Ranch 6 (G42)	404458116262401	U		4685.	04/06/95	40.66	--	S
62 N35 E46 10BACC1	USBLM Sheer Well (G107)	405542116465401	S	148.	4961.	04/05/95	113.02	--	S
62 N37 E48 25DDCA1	Rock Crk Section 25 (G111)	410254116293901	U		5225.	04/05/95	32.77	--	S
63 N38 E46 02BCDD1	Squaw Valley Irrigation (G113)	411157116451001	I	500.	5195.	04/11/95	86.83	--	S
64 N35 E45 02CBCD1	Izzy Well (G104)	405606116524801	S		4770.	10/06/94	54.04	--	S
						11/15/94	54.01	--	S
						04/05/95	53.98	--	S
						07/24/95	53.97	--	S
						08/31/95	53.99	--	S
64 N36 E44 26DDDA1	Rooster Comb (G105)	405742116581701	U	187.	4635.	04/05/95	125.76	--	S



Virgin River inflow to Lake Mead, September 1994 Photograph by Marsha M. Hilmes

LOCATION OF GROUND-WATER QUALITY SAMPLING SITES (figure 32)

Site number	Local number	Latitude	Longitude	Site identification
1	87 N19 E19 12AABA1	39°32'03"	119°47'28"	393203119472801
2	87 N19 E20 08BDAC1	39°31'45"	119°45'46"	393158119454301
3	87 N19 E20 08DDBC1	39°31'22"	119°45'22"	393145119452401
4	87 N19 E20 18DBDB1	39°30'40"	119°46'37"	393127119471101
5	87 N19 E19 15AABA1	39°31'11"	119°49'43"	393105119494001
6	87 N19 E20 16BCAC2	39°30'53"	119°44'56"	393053119445601
7	87 N19 E19 15CAAA1	39°30'45"	119°50'05"	393045119500501
8	87 N19 E19 16DABB1	39°30'43"	119°50'49"	393043119504901
9	87 N19 E19 25BAAB1	39°29'27"	119°47'56"	392927119475601
10	87 N18 E19 02ABAB1	39°27'42"	119°48'45"	392742119484501
11	87 N18 E20 06ACCD1	39°27'18"	119°46'34"	392718119463401
12	87 N18 E20 07ACBB1	39°26'36"	119°46'44"	392636119464401
13	87 N18 E19 12BCCD1	39°26'27"	119°48'19"	392627119481901
14	87 N18 E20 08CADC1	39°26'14"	119°45'45"	392614119454501
15	87 N18 E20 19AABB1	39°25'06"	119°46'22"	392506119462201
16	87 N18 E19 25ABBB1	39°24'14"	119°47'47"	392414119474701
17	87 N18 E20 27BBCD1	39°24'04"	119°43'45"	392404119434501
133	101 N20 E29 25DBDD1	39°34'00"	118°40'23"	393400118402301
134	101 N20 E29 26CDAC1	39°33'52"	118°41'51"	393352118415101



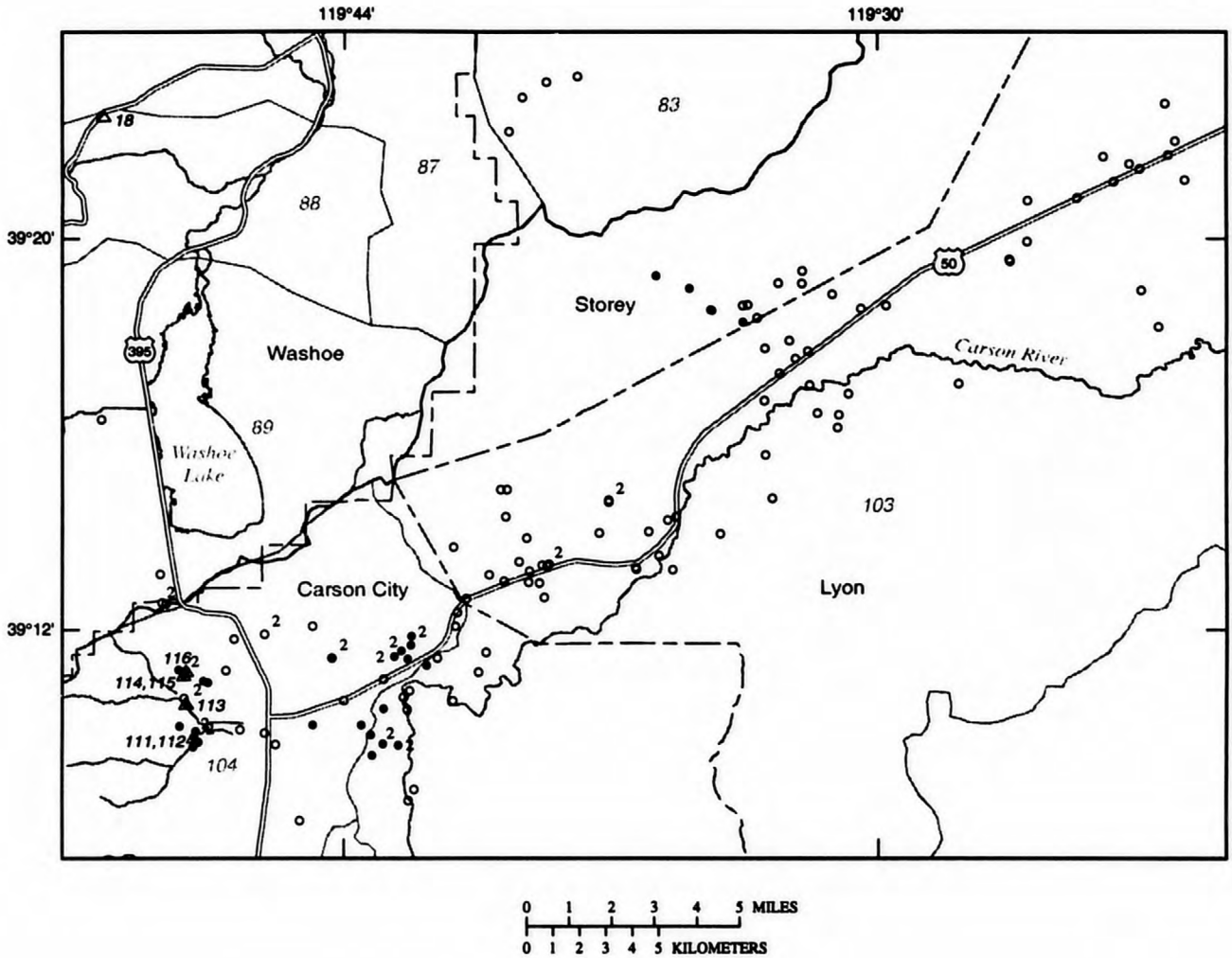
EXPLANATION

- **Major hydrographic area boundary**
- **Minor hydrographic area boundary**
- $\bullet^{2}$ **Primary observation well**--Water level generally measured monthly or more frequently. Number indicates more than one well at site
- $\circ^{2}$ **Secondary observation well**--Water level generally measured one to four times per year. Number indicates more than one well at site
- $^{17}\triangle$ **Active ground-water quality site** --Sampling-site number refers to accompanying table
- *109* **Number refers to valley number**--See figure 29

Figure 32. Selected observation wells and ground-water quality sites, west-central Nevada.

LOCATION OF GROUND-WATER QUALITY SAMPLING SITES (figure 33)

Site number	Local number	Latitude	Longitude	Site identification
18	87 N18 E19 34CDCC1	39°22'31"	119°50'19"	392231119501901
111	104 N15 E19 13CAAB2	39°09'49"	119°47'55"	390949119475502
112	104 N15 E19 13CAAB1	39°09'49"	119°47'55"	390949119475501
113	104 N15 E19 12CCAA1	39°10'30"	119°48'07"	391030119480701
114	104 N15 E19 12BBCB2	39°11'05"	119°48'11"	391105119481102
115	104 N15 E19 12BBCB1	39°11'05"	119°48'11"	391105119481101
116	104 N15 E19 12BBAA1	39°11'10"	119°48'07"	391110119480701



EXPLANATION

Major hydrographic area boundary

Minor hydrographic area boundary

2 ● **Primary observation well**--Water level generally measured monthly or more frequently. Number indicates more than one well at site

2 ○ **Secondary observation well**--Water level generally measured one to four times per year. Number indicates more than one well at site

△112 **Active ground-water quality site**--Sampling number refers to accompanying table

103 **Number refers to valley number**--See figure 29

Figure 33. Selected observation wells and ground-water quality sites, western Nevada.

GROUND-WATER LEVELS

DAYTON VALLEY

WATER-USE: H, domestic; I, irrigation; N, industrial; P, public supply; S, stock; U, unused; Z, other.
WATER-LEVEL STATUS: R, the same site had been pumped recently; S, nearby site that was being pumped taps same aquifer; X, water-level affected by stage in nearby surface-water site.
WATER-LEVEL METHOD: R, reported; S, steel tape; T, electric tape; Z, reported by Nevada Division of Water Resources.
The following sites are shown in figure 33.

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
103 N14 E20 02ACDB1	Mattice	390628119420601	H	200.	4725.	07/21/95	119.9	--	T
						09/18/95	120.7	--	T
103 N15 E20 01CBDC1	Hettrick	391135119412901	H	152.	4730.	06/27/95	94.79	--	S
103 N15 E20 02DDAC1	City Well 33 Sheep Dr	391128119415701	P	460.	4666.7	04/27/95	91.90	--	S
						05/12/95	90.81	--	S
						05/19/95	89.4	--	T
						05/26/95	88.9	--	T
						06/02/95	88.4	--	T
						06/09/95	88.3	--	T
						06/16/95	98.0	--	T
103 N15 E20 10DDCA1	P-3	391024119425801	U	30.	4610.6	05/18/95	15.43	X	S
						05/26/95	15.4	--	T
						06/02/95	15.7	--	T
						06/09/95	15.9	--	T
						06/16/95	16.0	--	T
						07/07/95	16.3	--	T
						07/14/95	16.4	--	T
						07/21/95	16.9	--	T
						08/11/95	17.0	--	T
						09/01/95	17.7	--	T
103 N15 E20 11BDDD1	Massa	391046119421701	H	110.	4595.	07/21/95	17.4	R	T
103 N15 E20 11CABD1	P-1	391038119422701	U	25.	4589.8	05/18/95	6.24	X	S
						06/16/95	4.2	--	T
						07/07/95	4.3	--	T
						07/14/95	4.3	--	T
						09/25/95	8.9	--	T
103 N15 E20 11CDDB1	P-2	391023119422101	U	25.	4590.5	05/18/95	5.45	X	S
						06/16/95	3.2	--	T
						07/07/95	3.6	--	T
						07/14/95	3.5	--	T
						09/25/95	9.7	--	T
103 N15 E20 12CADD1	Bertagnolli	391034119410901	N	162.	4615.	07/31/95	79.53	--	S
						09/19/95	82.34	--	S
103 N15 E20 14CBDD1	End of 5th North	390940119423501	P	80.	4604.3	02/15/95	16.	--	R
						04/14/95	13.16	--	S
						04/25/95	12.9	--	T
						04/28/95	12.9	--	T
						05/05/95	12.6	--	T
						05/12/95	12.6	--	T
						05/19/95	12.4	--	T
						05/26/95	12.2	--	T
						06/02/95	12.3	--	T
						06/09/95	12.4	--	T
						06/16/95	12.5	--	T
						07/07/95	13.4	--	T
						07/14/95	13.5	--	T
						07/21/95	13.6	--	T
						08/04/95	14.6	--	T
						08/11/95	15.1	--	T
						08/29/95	15.5	--	T
						09/08/95	16.0	--	T

GROUND-WATER LEVELS

DAYTON VALLEY--Continued

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
103 N15 E20 14CBDD2	End of 5th South	390940119423502	U	250.	4604.3	02/15/95	19.	--	R
						04/14/95	17.19	--	S
						04/25/95	18.2	--	T
						04/28/95	17.5	--	T
						05/05/95	17.4	--	T
						05/12/95	17.4	--	T
						05/19/95	17.3	--	T
						05/26/95	16.2	--	T
						06/02/95	18.1	--	T
						06/09/95	17.8	--	T
						06/16/95	17.3	--	T
						07/07/95	26.0	--	T
						07/14/95	24.6	--	T
						07/21/95	24.7	--	T
						08/04/95	29.4	--	T
						08/11/95	34.2	--	T
						08/29/95	33.0	--	T
						09/08/95	35.1	--	T
103 N15 E20 15DACD1	5th & Pasture West	390941119425901	U	80.	4613.4	02/15/95	13.	--	R
						04/14/95	12.29	--	S
						04/25/95	12.2	--	T
						04/28/95	12.1	--	T
						05/05/95	12.0	--	T
						05/12/95	12.1	--	T
						05/19/95	11.9	--	T
						05/26/95	12.0	--	T
						06/02/95	12.1	--	T
						06/09/95	12.2	--	T
						06/16/95	12.3	--	T
						07/07/95	12.8	--	T
						07/14/95	13.0	--	T
						07/21/95	13.0	--	T
						08/04/95	13.3	--	T
						08/11/95	13.3	--	T
						08/29/95	13.2	--	T
						09/08/95	13.3	--	T
103 N15 E20 15DACD2	5th & Pasture East	390941119425902	U	244.	4613.0	02/15/95	16.	--	R
						04/14/95	14.82	--	S
						04/25/95	14.6	--	T
						04/28/95	14.6	--	T
						05/05/95	14.1	--	T
						05/12/95	14.3	--	T
						05/19/95	14.2	--	T
						05/26/95	14.1	--	T
						06/02/95	14.3	--	T
						06/09/95	14.6	--	T
						06/16/95	14.7	--	T
						07/07/95	15.7	--	T
						07/14/95	16.0	--	T
						07/21/95	16.0	--	T
						08/04/95	16.8	--	T
						08/11/95	17.0	--	T
						08/29/95	17.1	--	T
						09/08/95	17.3	--	T
103 N15 E20 15DBBA1	Hells Bells	390952119431801	H	140.	4648.2	04/05/95	43.64	--	S
						04/14/95	43.61	--	S
						04/25/95	43.63	--	S
						05/05/95	43.0	--	T
						05/12/95	43.1	--	T
						05/19/95	43.0	--	T
						05/26/95	43.0	--	T
						06/02/95	43.1	--	T

DAYTON VALLEY--Continued

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
103 N15 E20 15DBBA1	Hells Bells	390952119431801	H	140.	4648.2	06/09/95	43.1	--	T
						06/16/95	43.3	--	T
						07/07/95	43.7	--	T
						07/14/95	43.9	--	T
						07/21/95	43.9	--	T
						08/04/95	44.2	--	T
						08/11/95	44.3	--	T
						08/29/95	44.3	--	T
						09/08/95	44.3	--	T
103 N15 E20 15DCCD1	Geothermal	390927119431601	Z	500.	4719.2	04/14/95	104.26	--	S
						04/25/95	102.0	--	T
						04/28/95	102.1	--	T
						05/05/95	102.0	--	T
						05/12/95	102.0	--	T
						05/19/95	101.9	--	T
						05/26/95	101.9	--	T
						06/02/95	101.8	--	T
						06/09/95	101.8	--	T
						06/16/95	101.8	--	T
						07/07/95	101.8	--	T
						07/14/95	101.8	--	T
						07/21/95	101.8	--	T
						08/04/95	101.9	--	T
						08/11/95	101.9	--	T
						08/29/95	102.0	--	T
						09/08/95	101.9	--	T
103 N15 E20 23DCBA1	Trionfonte	390846119421001	U		4640.	07/26/95	45.5	--	T
						07/26/95	35.8	--	T
						09/19/95	38.0	--	T
103 N15 E20 26BAAB1	Carson City Parks Dept	390831119422001	H	83.	4604.2	07/25/95	7.0	X	T
						09/18/95	7.54	X	S
103 N15 E21 06CBAD1	Carson City Dump East	391133119401701	U	420.	4946.9	06/01/95	291.4	--	T
103 N15 E21 07BBBA1	Carson City Dump South	391109119402901	U	340.	4850.7	06/01/95	265.0	--	T
103 N16 E20 25ABBC1	Wilson	391342119410801	H	140.	5257.	07/31/95	70.1	--	T
103 N16 E21 18DCBA1	MW1	391452119395401	H	280.	5205.	07/18/95	64.0	--	T
103 N16 E21 18DDBB1	Oliver Hills Gold	391452119394401	U	98.	5155.6	07/18/95	66.6	--	T
103 N16 E21 19ACDA1	Baker	391419119394601	U	210.	5040.	07/19/95	93.2	--	T
103 N16 E21 20CCDA1	Switchzer	391353119391301	P	318.	4847.	08/08/95	75.20	--	S
103 N16 E21 21DDAB1	Wilson	391359119371901	H	160.	4555.	07/26/95	-.34	--	S
103 N16 E21 22BBAB1	Strusa	391439119370401	H	240.	4660.	07/18/95	38.2	--	T
103 N16 E21 22BBAB2	Comley	391437119370401	H	130.	4655.	07/19/95	30.4	R	T
103 N16 E21 23ACCC1	Dayton Sand & Gravel	391415119353101	U	50.	4390.	07/31/95	43.6	--	T
103 N16 E21 23ACDA1	Loranger	391425119352501	H	75.	4360.	08/29/95	21.00	S	S
						09/26/95	21.74	S	S
103 N16 E21 23CCBA1	Wunderlick	391401119360101	S	416.	4626.6	08/08/95	276.70	--	S
						08/17/95	277.05	--	S
						09/20/95	278.2	--	T
103 N16 E21 24DDBC2	Eldorado Aggregate	391358119340801	N	162.	4432.0	07/31/95	108.0	--	T
						09/20/95	107.8	--	T
103 N16 E21 26BDBD1	Phipps	391332119354501	H	100.	4360.	08/29/95	6.93	--	S
103 N16 E21 26DBDB1	Jacoboni	391324119352001	H	74.	4410.	08/17/95	50.12	--	S
						09/20/95	45.4	--	T
103 N16 E21 27DABC1	Winters	391317119362101	P	147.	4400.8	08/14/95	18.04	X	S
						09/27/95	16.33	X	S
103 N16 E21 27DBAA1	John Winters	391319119362301	U	478.	4409.8	08/14/95	17.59	--	S
						09/27/95	21.77	--	S
103 N16 E21 29BCCC1	Bunkowski	391324119392501	N	222.	4835.	07/31/95	74.3	--	T
103 N16 E21 29CACB1	Dayton Utilities	391312119390801	P		4796.0	07/28/95	58.1	--	T
						09/26/95	58.30	--	S
103 N16 E21 29CDCB2	Maxwell	391259119391001	H	110.	4773.8	07/27/95	29.85	--	S
						09/26/95	29.86	--	S
103 N16 E21 29DBAA1	North of Capitol Insulation	391321119383801	H	107.	4755.9	07/25/95	29.0	--	T

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
103 N16 E21 29DBAA2	Stevens	391319119384101	N	75.	4750.	07/25/95	31.0	R	T
103 N16 E21 29DBBA1	Jerrys Holiday Lodge	391322119385101	H		4768.6	07/28/95	40.7	--	T
103 N16 E21 29DCCC1	Jones	391258119385301	H	130.	4759.3	09/14/95	31.39	--	S
103 N16 E21 30CDBA1	Moonlight	391308119401201	U	113.	4952.	08/17/95	54.33	--	S
103 N16 E21 30DCDB1	Johnson	391300119394901	H	83.	4880.	07/27/95	30.94	--	S
103 N16 E21 32ACBA1	Stevens	391240119384501	H	102.	4737.6	07/25/95	23.9	R	T
103 N16 E22 01BDBA1	Rolling A Ranch	391702119275401	S		4323.7	09/11/95	64.10	--	S
103 N16 E22 04CCCC2	Cass	391626119313601	H	103.	4344.4	08/17/95	58.44	--	S
103 N16 E22 04DBAA1	Hunt	391650119304701	U	128.	4341.2	08/29/95	60.32	--	S
103 N16 E22 05ADBA1	Loux	391700119314801	H	90.	4300.	08/31/95	18.10	--	S
103 N16 E22 05BBAB1	Comstock Tunnel & Drainage	391714119323501	U	119.	4347.5	08/21/95	53.4	--	T
						09/27/95	53.9	--	T
103 N16 E22 06DACB1	Lavelle	391644119325601	H	181.	4350.0	07/28/95	60.	--	R
						08/31/95	56.2	--	T
						09/27/95	56.7	--	T
103 N16 E22 07DDCD1	Minor	391535119325701	I	129.	4357.	08/24/95	53.28	--	S
103 N16 E22 09ABBB1	Smith	391624119310201	I	373.	4343.4	08/31/95	65.02	S	S
						08/17/95	62.14	--	S
103 N16 E22 09BDAD1	Johnson	391608119310401	H	122.	4344.4	08/17/95	61.2	--	T
103 N16 E22 18DDDD1	Dayton Valley Country Club	391429119325401	I	273.	4365.	08/24/95	74.56	--	S
103 N17 E21 23CACC1	MH-3	391916119354301	U	210.	4853.24	01/16/95	208.5	--	Z
						02/15/95	198.5	--	Z
						03/20/95	185.0	--	Z
						04/21/95	165.2	--	Z
						05/17/95	163.8	--	Z
						06/20/95	160.3	--	Z
						07/11/95	156.7	--	Z
103 N17 E21 25CAAA1	MH-14	391834119342301	U	145.	4693.5	10/28/94	79.0	--	Z
						11/15/94	79.4	--	Z
						12/28/94	78.9	--	Z
						01/10/95	79.0	--	Z
						02/15/95	79.6	--	Z
						03/20/95	79.3	--	Z
						04/21/95	79.0	--	Z
						05/17/95	79.4	--	Z
						06/20/95	78.5	--	Z
						07/11/95	78.2	--	Z
103 N17 E21 25DBBB1	MH-5	391832119342201	U	185.	4682.6	10/20/94	69.9	--	Z
						11/15/94	70.2	--	Z
						12/28/94	69.7	--	Z
						01/06/95	69.9	--	Z
						02/15/95	70.6	--	Z
						03/20/95	70.9	--	Z
						04/21/95	70.0	--	Z
						05/17/95	69.3	--	Z
						06/20/95	69.6	--	Z
						07/11/95	69.3	--	Z
103 N17 E21 26AAAA1	MH-12	391900119345701	U	261.	4853.24	10/28/94	65.8	--	Z
						11/15/94	65.8	--	Z
						12/28/94	65.6	--	Z
						01/16/95	65.8	--	Z
						02/15/95	65.7	--	Z
						03/20/95	66.5	--	Z
						04/21/95	65.7	--	Z
						05/17/95	66.5	--	Z
						06/20/95	67.2	--	Z
						07/11/95	65.3	--	Z
103 N17 E22 20CCCA1	Weaver	391905119323401	H	252.	4483.3	08/21/95	208.84	--	S
103 N17 E22 20DBAC2	Johnson	391921119315901	H	247.	4517.5	08/28/95	231.46	--	S
103 N17 E22 20DCDB1	Barbee-Allan	391906119320001	H	186.	4451.1	08/28/95	165.03	--	S
103 N17 E22 27ACDC1	Bowden	391839119294801	H	125.	4336.6	08/21/95	66.9	--	T
103 N17 E22 27CBBB1	Ethridge	391835119302701	H	114.	4342.	08/21/95	58.9	--	T

DAYTON VALLEY--Continued

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
103 N17 E22 28BACA1	Central Fire District	391853119311201	H	150.	4393.6	08/21/95	108.49	--	S
103 N17 E22 30BCDD1	Millim	391839119333301	H	233.	4593.6	10/13/94	162.67	--	Z
						03/29/95	163.08	--	Z
103 N17 E22 30BDDB1	Lower Milliam	391840119332101	H	260.	4510.7	10/13/94	104.12	--	Z
						03/29/95	103.95	--	Z
103 N17 E22 30CDBB1	MH-15	391819119333101	U	285.	4490.7	10/28/94	205.5	--	Z
						11/15/94	205.0	--	Z
						01/16/95	204.3	--	Z
						02/15/95	204.3	--	Z
						03/20/95	202.3	--	Z
						04/21/95	203.0	--	Z
						05/17/95	202.5	--	Z
						06/20/95	202.7	--	Z
						07/11/95	202.0	--	Z
103 N17 E22 30DBCD1	Storey County	391824119331001	H	230.	4442.9	08/21/95	154.2	--	T
103 N17 E22 31ADCC1	Sixmile Quarry	391729119324901	N	185.	4393.8	08/29/95	106.00	--	S
103 N17 E22 32BDBA1	Eldridge	391756119322001	H	167.	4364.5	08/24/95	75.02	--	S
103 N17 E22 32DABB1	Dayton Utilities	391743119315001	P	300.	4340.8	08/21/95	55.42	--	S
104 N15 E20 02ABCB1	GC7	391153119421401	U	50.	4687.7	05/23/95	29.10	--	S
						05/25/95	29.10	--	S
						06/02/95	28.7	--	T
						06/09/95	28.6	--	T
						06/16/95	28.6	--	T
						07/07/95	28.5	--	T
						07/14/95	28.4	--	T
						07/21/95	28.4	--	T
						08/04/95	28.3	--	T
						08/11/95	28.3	--	T
						09/08/95	28.2	--	T
						09/15/95	28.2	--	T
						05/02/95	12.75	--	S
104 N15 E20 02ACCB1	GC8	391142119421501	U	35.	4666.5	05/12/95	12.72	--	S
						05/19/95	12.6	--	T
						05/26/95	12.6	--	T
						06/02/95	12.6	--	T
						06/09/95	12.6	--	T
						06/16/95	12.6	--	T
						07/07/95	12.5	--	T
						07/14/95	12.5	--	T
						07/21/95	12.4	--	T
						08/11/95	12.5	--	T
						09/08/95	12.6	--	T
						09/15/95	12.6	--	T
104 N15 E20 02ACCB2	GC9	391142119421502	U	15.	4666.2	05/02/95	12.52	--	S
						05/12/95	12.49	--	S
						05/19/95	12.4	--	T
						05/26/95	12.4	--	T
						06/02/95	12.3	--	T
						06/09/95	12.3	--	T
						06/16/95	12.3	--	T
						07/07/95	12.2	--	T
						07/14/95	12.2	--	T
						07/21/95	12.2	--	T
						08/11/95	12.2	--	T
						09/08/95	12.4	--	T
						09/15/95	12.4	--	T
104 N15 E20 02CABB1	GC10	391135119423001	U	20.	4647.6	05/12/95	2.35	--	S
						05/19/95	1.8	--	T
						05/26/95	1.5	--	T
						06/02/95	1.9	--	T
						06/09/95	1.8	--	T
						06/16/95	1.6	--	T

GROUND-WATER LEVELS

DAYTON VALLEY--Continued

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
104 N15 E20 02CABB1 GC10		391135119423001	U	20.	4647.6	07/07/95	2.2	--	T
						07/14/95	2.3	--	T
						07/21/95	2.3	--	T
						08/04/95	2.4	--	T
						08/11/95	2.5	--	T
						09/08/95	2.6	--	T
						09/15/95	2.6	--	T
104 N15 E20 02CABB2 GC11		391135119423002	U	5.	4647.6	05/12/95	2.39	--	S
						05/19/95	1.8	--	T
						05/26/95	1.6	--	T
						06/02/95	1.9	--	T
						06/09/95	1.8	--	T
						06/16/95	1.6	--	T
						07/07/95	2.3	--	T
						07/14/95	2.3	--	T
						07/21/95	2.3	--	T
						08/04/95	2.4	--	T
						08/11/95	2.5	--	T
						09/08/95	2.7	--	T
						09/15/95	2.7	--	T
104 N15 E20 02CADC1 CC15		391134119422501	U	338.	4639.2	05/23/95	11.32	--	S
						05/31/95	11.0	--	T
						06/02/95	11.0	--	T
						06/09/95	11.0	--	T
						06/16/95	11.0	--	T
						07/07/95	11.7	--	T
						07/14/95	11.8	--	T
						07/21/95	11.6	--	T
						08/04/95	11.9	--	T
						08/11/95	12.1	--	T
						08/29/95	12.0	--	T
						09/08/95	12.0	--	T
						09/15/95	12.0	--	T
104 N15 E20 02CBCA1 GC18		391128119424101	U	51.	4639.8	05/25/95	1.9	--	T
						06/02/95	2.5	--	T
						06/09/95	2.8	--	T
						06/16/95	3.2	--	T
						07/07/95	4.0	--	T
						07/14/95	4.0	--	T
						07/21/95	4.4	--	T
						08/04/95	4.9	--	T
						08/11/95	5.1	--	T
						08/29/95	5.4	--	T
						09/08/95	5.6	--	T
						09/15/95	5.7	--	T
104 N15 E20 02CBCA2 GC19		391128119424102	U	25.	4640.2	05/25/95	2.7	--	T
						06/02/95	3.6	--	T
						06/09/95	3.6	--	T
						06/16/95	4.0	--	T
						07/07/95	5.1	--	T
						07/14/95	5.1	--	T
						07/21/95	5.5	--	T
						08/04/95	6.0	--	T
						08/11/95	6.2	--	T
						08/29/95	6.6	--	T
						09/08/95	6.7	--	T
						09/15/95	6.6	--	T

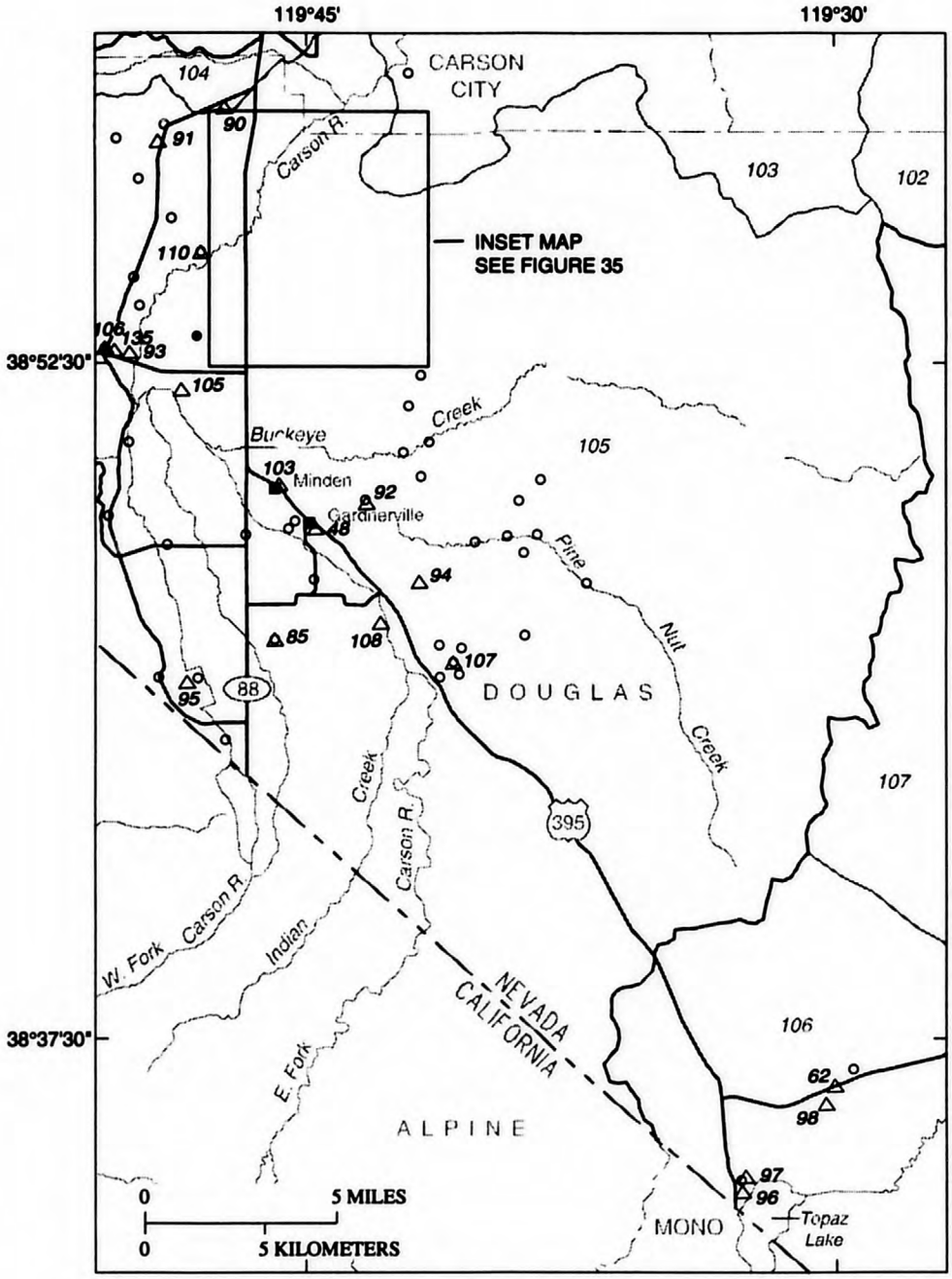
DAYTON VALLEY--Continued

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
104 N15 E20 04DBDD1	Nevada-Dept of Water Resources	391126119441901	U	89.	4682.	10/05/94	19.22	--	Z
						01/06/95	19.20	--	Z
						04/07/95	17.88	--	Z
						06/16/95	16.8	--	T
						07/07/95	17.10	--	Z
						07/14/95	16.9	--	T
						07/21/95	16.9	--	T
						09/08/95	17.7	--	T
104 N15 E20 09DADD1	Millard Realty	391034119440001	U	70.	4639.	07/19/95	5.9	--	T
104 N15 E20 10AACD1	Ascuena	391100119425801	H	130.	4629.	06/21/95	18.55	--	S
104 N15 E20 15BDBA1	Nevada-Dept of Water Resources	391004119433301	U	105.	4620.	10/05/94	7.57	--	Z
						01/03/95	5.14	--	Z
						01/06/95	6.65	--	Z
						04/07/95	5.70	--	Z
						05/23/95	5.49	--	S
						06/02/95	5.4	--	T
						06/09/95	5.4	--	T
						06/16/95	5.5	--	T
						07/07/95	5.70	--	Z
						07/14/95	5.6	--	T
						07/21/95	5.7	--	T
						08/04/95	5.7	--	T
						08/11/95	5.8	--	T
						08/29/95	5.8	--	T
						09/08/95	5.8	--	T
104 N15 E20 16BDBB1	Nevada-Dept of Water Resources	391004119444901	U	105.	4641.	10/05/94	16.35	--	Z
						01/06/95	8.18	--	Z
						04/07/95	4.36	--	Z
						05/25/95	4.16	--	S
						07/07/95	5.80	--	Z
104 N16 E20 36ADBB1	Furniture Outlet	391239119404801	H	275.	4975.	07/21/95	162.9	--	T
104 N16 E20 36DBCA1	Brown	391222119410201	H	210.	4932.	08/02/95	118.6	--	T
104 N16 E20 36DCCC1	Parker	391205119410501	H	310.	4928.	07/19/95	267.8	--	T
						08/02/95	267.9	--	T

Flooding along Walker River, May 1995 Photograph by Kathryn Bunch

LOCATION OF GROUND-WATER QUALITY SAMPLING SITES (figure 34)

Site number	Local number	Latitude	Longitude	Site identification
48	105 N12 E20 04BAB 1	38°56'21"	119°44'45"	385621119444501
62	106 N10 E22 15ADBB1	38°43'57"	119°30'02"	384357119300201
85	105 N12 E20 17CCD 1	38°53'52"	119°45'54"	385352119455401
90	104 N14 E19 12ADAB1	39°05'42"	119°47'20"	390542119472001
91	105 N14 E19 14BBD 1	39°04'57"	119°49'13"	390457119491301
92	105 N13 E20 34ACC 1	38°56'54"	119°43'18"	385654119431801
93	105 N13 E19 10DBB 1	39°00'15"	119°50'01"	390015119500101
94	105 N12 E20 11ADD 1	38°55'09"	119°41'48"	385509119414801
95	105 N12 E19 23DDD 1	38°52'55"	119°48'23"	385255119482301
96	106 N10 E22 32BAAB2	38°41'36"	119°32'39"	384136119323901
97	106 N10 E22 29CADA1	38°41'56"	119°32'33"	384156119323301
98	106 N10 E22 15DCB 1	38°43'33"	119°30'17"	384333119301701
103	105 N13 E20 29CDC 1	38°57'19"	119°45'47"	385719119454701
105	105 N13 E19 13BCC 1	38°59'25"	119°48'33"	385926119481601
106	105 N13 E19 09ADCA1	39°00'21"	119°50'43"	390021119504301
107	105 N12 E20 24ADCC2	38°53'21"	119°40'50"	385321119405002
108	105 N12 E20 15ADD 1	38°54'14"	119°42'54"	385414119425401
110	105 N14 E19 25BA 1	39°02'30"	119°48'00"	390230119480001
135	105 N13 E20 08CAA1	39°00'17"	119°45'39"	390017119453901



EXPLANATION

- **Major hydrographic area boundary**
- **Minor hydrographic area boundary**
- • **Primary observation well**--Water level generally measured monthly or more frequently
- ○ **Secondary observation well**--Water level generally measured one to four times per year.
- △85 **Active ground-water quality site**--Sampling-site number refers to accompanying table
- 107 **Number refers to valley number**--See figure 29

Figure 34. Selected observation wells and ground-water quality sites, Carson City-Douglas County, Nevada.

QUALITY OF GROUND WATER

DOUGLAS COUNTY

Depths and Water Levels: Depths are referenced to land-surface datum (LSD). The following sites are shown in figures 34 and 35.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	LOCAL WELL NUMBER	DATE	TIME	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)
384136119323901	106 N10 E22 32BAAB2	01-19-95	1050	5075	99.75	105.00	326	6.9
		07-27-95	1245	5075	75.68	105.00	350	7.5
384357119300201	106 N10 E22 15ADBB1	01-19-95	1240	5115	124.42	--	628	7.5
		07-27-95	1115	5115	114.02	--	671	7.5
390055119421901	105 N13 E20 02CDAA1	01-20-95	1030	4900	112.05	--	340	8.0
		07-24-95	1050	4900	--	--	370	7.9
390208119433201	105 N14 E20 34BDBD1	01-19-95	1425	4750	30.67	100.00	374	7.6
		07-26-95	1345	4750	31.28	100.00	411	7.5
390230119480001	105 N14 E19 25BA 1	08-01-95	1010	4680	--	239.00	750	6.9
390232119443201	105 N14 E20 28CDC 1	01-19-95	1525	4700	--	88.00	594	7.6
		07-26-95	1500	4700	--	88.00	622	7.6
390446119451401	105 N14 E20 17ADCA1	07-26-95	1155	4640	2.41	27.00	3710	6.7

DATE	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
01-19-95	--	13.0	150	39	12	11	0.4	5.0	9.3	7.1	0.10
07-27-95	--	17.0	150	39	13	12	0.4	4.8	10	6.8	<0.10
01-19-95	--	13.0	320	100	18	23	0.6	1.3	89	15	<0.10
07-27-95	--	19.5	310	96	17	23	0.6	1.2	87	12	<0.10
01-20-95	--	16.5	41	13	2.1	63	4	2.4	20	9.5	3.3
07-24-95	20.0	19.5	46	14	2.6	63	4	2.5	22	9.8	0.30
01-19-95	--	15.0	65	17	5.4	56	3	3.7	49	18	1.5
07-26-95	--	18.0	68	18	5.7	58	3	3.8	52	19	1.5
08-01-95	--	16.5	160	49	9.9	100	3	3.5	96	72	2.6
01-19-95	--	12.5	160	53	6.4	72	2	4.6	87	19	1.8
07-26-95	--	18.0	160	51	7.2	74	3	4.5	87	18	1.7
07-26-95	--	16.0	620	240	4.8	650	11	6.0	1500	180	6.0

DATE	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)
01-19-95	0.050	51	228	236	0.31	<0.001	2.30	<0.002	0.098	12	2
07-27-95	0.040	51	231	240	0.31	<0.001	2.60	<0.002	0.110	<3	<1
01-19-95	0.19	24	441	433	0.60	0.002	1.50	0.082	0.033	<3	45
07-27-95	0.16	25	420	413	0.57	<0.001	1.40	0.006	0.049	4	28
01-20-95	0.11	65	270	267	0.37	<0.001	0.620	<0.002	0.005	7	2
07-24-95	0.12	64	272	264	0.37	<0.010	0.870	0.030	0.010	<3	<1
01-19-95	0.15	66	286	288	0.39	<0.001	1.40	<0.002	0.035	8	<1
07-26-95	0.16	67	296	297	0.40	<0.001	1.60	<0.002	0.036	<3	<1
08-01-95	0.13	23	508	494	0.69	0.001	7.30	0.002	0.150	4	3
01-19-95	0.17	63	441	435	0.60	<0.001	2.90	0.042	0.023	<3	<1
07-26-95	0.16	63	442	433	0.60	<0.001	3.00	<0.002	0.023	<3	<1
07-26-95	0.94	58	2890	2730	3.93	0.009	0.008	0.144	0.033	9000	880

Depths and Water Levels: Depths are referenced to land-surface datum (LSD). The following sites are shown in figures 34 and 35.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	LOCAL WELL NUMBER	DATE	TIME	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)
384333119301701	106 N10 E22 15DCB 1	09-06-95	0915	5060	--	525	7.5	18.5	15.0
385414119425401	105 N12 E20 15ADD 1	08-23-95	1000	4840	375.00	240	7.1	22.5	13.5
385719119454701	105 N13 E20 29CDC 1	08-23-95	1330	4720	400.00	258	7.7	29.0	17.5
390503119463501	105 N14 E20 18ABAB1	08-25-95	1130	4760	425.00	251	8.9	25.0	19.5

DATE	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)
09-06-95	--	--	--	220	66	14	20	0.6	1.0	--	--	--
08-23-95	642	3.4	39	88	24	6.8	14	0.6	2.1	103	--	84
08-23-95	--	2.5	--	97	29	5.9	14	0.6	2.5	134	--	110
08-25-95	643	2.0	26	16	6.1	0.13	51	6	0.40	83	8	82

DATE	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
09-06-95	72	5.5	<0.10	0.070	26	352	330	0.48	<0.001	1.30	0.003	--
08-23-95	22	6.2	<0.10	<0.010	31	165	161	0.22	<0.010	1.00	<0.015	<0.20
08-23-95	16	5.3	0.10	0.030	28	177	170	0.24	<0.010	0.630	<0.015	<0.20
08-25-95	16	12	0.50	0.10	20	151	158	0.21	<0.001	0.720	<0.002	--

DATE	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)
09-06-95	--	0.047	--	--	1	66	--	<10	1	--	<10	<3
08-23-95	0.030	0.020	4	<1	2	63	<1	<1.0	1	<1	<1	<3
08-23-95	0.020	0.020	4	<1	8	88	<1	<1.0	2	<1	3	4
08-25-95	--	0.013	--	--	15	11	--	<10	2	--	<10	6

DATE	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT) (80030)	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137) (03515)	GROSS BETA, DIS-SOLVED (PCI/L AS SR/Y-90) (80050)
09-06-95	<100	<1	<0.1	--	--	<1	<1.0	4	<3.0	<4.0	<4.0
08-23-95	<1	<1	<0.1	<1	<1	<1	<1.0	13	<3.0	5.8	<4.0
08-23-95	<1	1	<0.1	<1	<1	<1	<1.0	17	<3.0	11	<4.0
08-25-95	<100	<1	<0.1	--	--	<2	<1.0	<3	<3.0	4.5	<4.0

DATE	ALPHA RADIO. WATER DISS AS TH-230 (PCI/L) (04126)	ALPHA, COUNT, 2 SIGMA WAT DIS AS NAT U (UG/L) (75986)	ALPHA COUNT, 2 SIGMA WAT DIS AS TH-230 (PCI/L) (75987)	BETA, 2 SIGMA WATER, DISS, AS SR90 /Y90 (PCI/L (75988)	BETA, 2 SIGMA WATER, DISS, AS CS-137 (PCI/L) (75989)	RA-228 2 SIGMA WATER, DISS, (PCI/L) (76000)	RADIUM 228 DIS-SOLVED (PCI/L AS RA-228) (81366)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	RADON 222 TOTAL (PCI/L) (82303)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)
09-06-95	<3.0	2.2	1.5	0.59	0.86	0.4	<1.0	--	--	700	29
08-23-95	<3.0	2.1	1.8	0.53	2.2	0.3	<1.0	-110.0	-14.6	1200	39
08-23-95	<3.0	2.5	2.1	0.75	3.4	0.3	<1.0	-113.0	-15.1	700	31
08-25-95	<3.0	2.2	2.0	0.50	1.7	0.3	<1.0	--	--	1000	35

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	PHENOLS TOTAL (UG/L) (32730)	PCB, TOTAL (UG/L) (39516)	ALDRIN, TOTAL (UG/L) (39330)	BENZENE TOTAL (UG/L) (34030)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLOR-DANE, TECH-NICAL TOTAL (UG/L) (39350)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)
09-06-95	--	--	--	--	--	<0.200	<0.200	<0.200	--	<0.200	<0.200
08-23-95	<1.0	0.20	<1	<0.100	<0.010	<0.200	<0.200	<0.200	<0.100	<0.200	<0.200
08-23-95	3.0	<0.10	<1	<0.100	<0.010	<0.200	<0.200	<0.200	<0.100	<0.200	<0.200
08-25-95	--	--	--	<0.100	<0.010	<0.200	<0.200	<0.200	<0.100	<0.200	<0.200

DATE	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	P,P'-DDD UNFILT RECOVER (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	P,P'-DDT UNFILT RECOVER (UG/L) (39370)	DI-ELDRIN TOTAL (UG/L) (39380)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	ENDO-SULFAN, I TOTAL (UG/L) (39388)	ENDRIN WATER UNFLTRD REC (UG/L) (39390)	ETHYL-BENZENE TOTAL (UG/L) (34371)
09-06-95	<0.200	<0.200	<0.200	--	--	--	--	<0.200	--	--	<0.200
08-23-95	<0.200	<0.200	<0.200	<0.010	<0.010	<0.010	<0.010	<0.200	<0.010	<0.010	<0.200
08-23-95	<0.200	<0.200	<0.200	<0.010	<0.010	<0.010	<0.010	<0.200	<0.010	<0.010	<0.200
08-25-95	<0.200	<0.200	<0.200	<0.010	<0.010	<0.010	<0.010	<0.200	<0.010	<0.010	<0.200

DATE	HEPTA-CHLOR, TOTAL (UG/L) (39410)	HEPTA-CHLOR EPOXIDE TOTAL (UG/L) (39420)	LINDANE TOTAL (UG/L) (39340)	METH-OXY-CHLOR, TOTAL (UG/L) (39480)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	MIREX, TOTAL (UG/L) (39755)	PCNS UNFILT RECOVER (UG/L) (39250)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)
09-06-95	--	--	--	--	<0.200	<0.200	<0.200	--	--	<0.200	<0.200
08-23-95	<0.010	<0.010	<0.010	<0.010	<0.200	<0.200	<0.200	<0.010	<0.100	<0.200	<0.200
08-23-95	<0.010	<0.010	<0.010	<0.010	<0.200	<0.200	<0.200	<0.010	<0.100	<0.200	<0.200
08-25-95	<0.010	<0.010	<0.010	<0.010	<0.200	<0.200	<0.200	<0.010	<0.100	<0.200	<0.200

DATE	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	TOLUENE TOTAL (UG/L) (34010)	PER-THANE TOTAL (UG/L) (39034)	TOX-APHENE, TOTAL (UG/L) (39400)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	2-CHLORO-ETHYL-VINYL-ETHER TOTAL (UG/L) (34576)	2,4-D, DIS-SOLVED (UG/L) (39732)	2,4-D, TOTAL (UG/L) (39730)	2, 4-DP TOTAL (UG/L) (82183)	2,4,5-T DIS-SOLVED (UG/L) (39742)	2,4,5-T TOTAL (UG/L) (39740)
09-06-95	<0.200	<0.200	--	--	<0.200	--	<0.035	--	--	<0.035	--
08-23-95	<0.200	<0.200	<0.100	<1.00	<0.200	--	<0.013	--	--	<0.013	--
08-23-95	<0.200	<0.200	<0.100	<1.00	<0.200	--	<0.013	--	--	<0.013	--
08-25-95	<0.200	<0.200	<0.100	<1.00	<0.200	<1.00	--	<0.010	<0.010	--	<0.010

DATE	SILVEX, DIS-SOLVED (UG/L) (39762)	SILVEX, TOTAL (UG/L) (39760)	STYRENE TOTAL (UG/L) (77128)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	FONOFOS WATER DISS REC (UG/L) (04095)
09-06-95	<0.021	--	<0.200	<0.200	<0.007	<0.002	<0.005	<0.018	E0.007	<0.004	<0.003
08-23-95	<0.021	--	<0.200	<0.200	<0.007	<0.002	<0.005	<0.018	<0.002	<0.004	<0.003
08-23-95	<0.021	--	<0.200	<0.200	<0.007	<0.002	<0.005	E0.008	<0.002	<0.004	<0.003
08-25-95	--	<0.010	<0.200	<0.200	--	--	--	--	--	--	--

DATE	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)
09-06-95	<0.200	<0.200	<0.002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
08-23-95	<0.200	<0.200	<0.002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
08-23-95	<0.200	<0.200	<0.002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
08-25-95	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

QUALITY OF GROUND WATER

DOUGLAS COUNTY--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	P,P' DDE DISSOLV (UG/L) (34653)	NAPHTH-ALENE TOTAL (UG/L) (34696)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	LINDANE DIS-SOLVED (UG/L) (39341)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)
09-06-95	<0.200	<0.200	<0.200	<0.006	<0.200	<0.200	<0.200	--	<0.004	<0.004	<0.001
08-23-95	<0.200	<0.200	<0.200	<0.006	<0.200	<0.200	<0.200	<0.02	<0.004	<0.004	<0.001
08-23-95	<0.200	<0.200	<0.200	<0.006	<0.200	<0.200	<0.200	<0.02	<0.004	<0.004	<0.001
08-25-95	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	--	--	--	--

DATE	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	MALA-THION, DIS-SOLVED (UG/L) (39532)	PARA-THION, DIS-SOLVED (UG/L) (39542)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	CIS-1,2 -DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)
09-06-95	<0.002	<0.005	<0.004	<0.002	<0.001	<0.200	<0.002	<0.200	<0.200	<0.200	<0.200
08-23-95	<0.002	<0.005	<0.004	<0.002	<0.001	<0.200	<0.002	<0.200	<0.200	<0.200	<0.200
08-23-95	<0.002	<0.005	<0.004	<0.002	<0.001	<0.200	<0.002	<0.200	<0.200	<0.200	<0.200
08-25-95	--	--	--	--	--	<0.200	--	<0.200	<0.200	<0.200	<0.200

Depths and Water Levels: Depths are referenced to land-surface datum (LSD). The following sites are shown in figures 34 and 35.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	LOCAL WELL NUMBER	DATE	TIME	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)
384156119323301	106 N10 E22 29CADA1	09-06-95	1120	5067	--	183	528	7.1	26.5
385255119482301	105 N12 E19 23DDD 1	08-29-95	1300	4730	--	141	106	8.4	27.0
385321119405002	105 N12 E20 24ADCC2	08-24-95	1000	4980	--	145	546	7.4	--
385352119455401	105 N12 E20 17CCD 1	08-29-95	1045	4760	20.12	91	188	6.4	15.5
385509119414801	105 N12 E20 11ADD 1	08-24-95	1300	4900	--	125	325	7.8	19.0
385654119431801	105 N13 E20 34ACC 1	08-31-95	1100	4795	--	80	404	7.5	19.5
385926119481601	105 N13 E19 13BCC 1	08-30-95	1230	4675	--	500	246	7.6	29.5
390015119500101	105 N13 E19 10DBB 1	08-22-95	1200	4680	--	115	224	7.3	24.5
390017119453901	105 N13 E20 08CAA 1	09-06-95	1320	4695	--	130	197	8.1	29.0
390021119504301	105 N13 E19 09ADCA1	08-28-95	1245	4810	76.87	180	292	6.7	21.0
390106119424301	105 N13 E20 02CBB 1	09-06-95	1440	4860	--	176	336	7.9	29.0
390457119491301	105 N14 E19 14BBD 1	08-21-95	1400	5040	--	100	125	8.5	29.5
390542119472001	104 N14 E19 12ADAB1	08-21-95	1100	4909	--	155	256	7.9	28.0

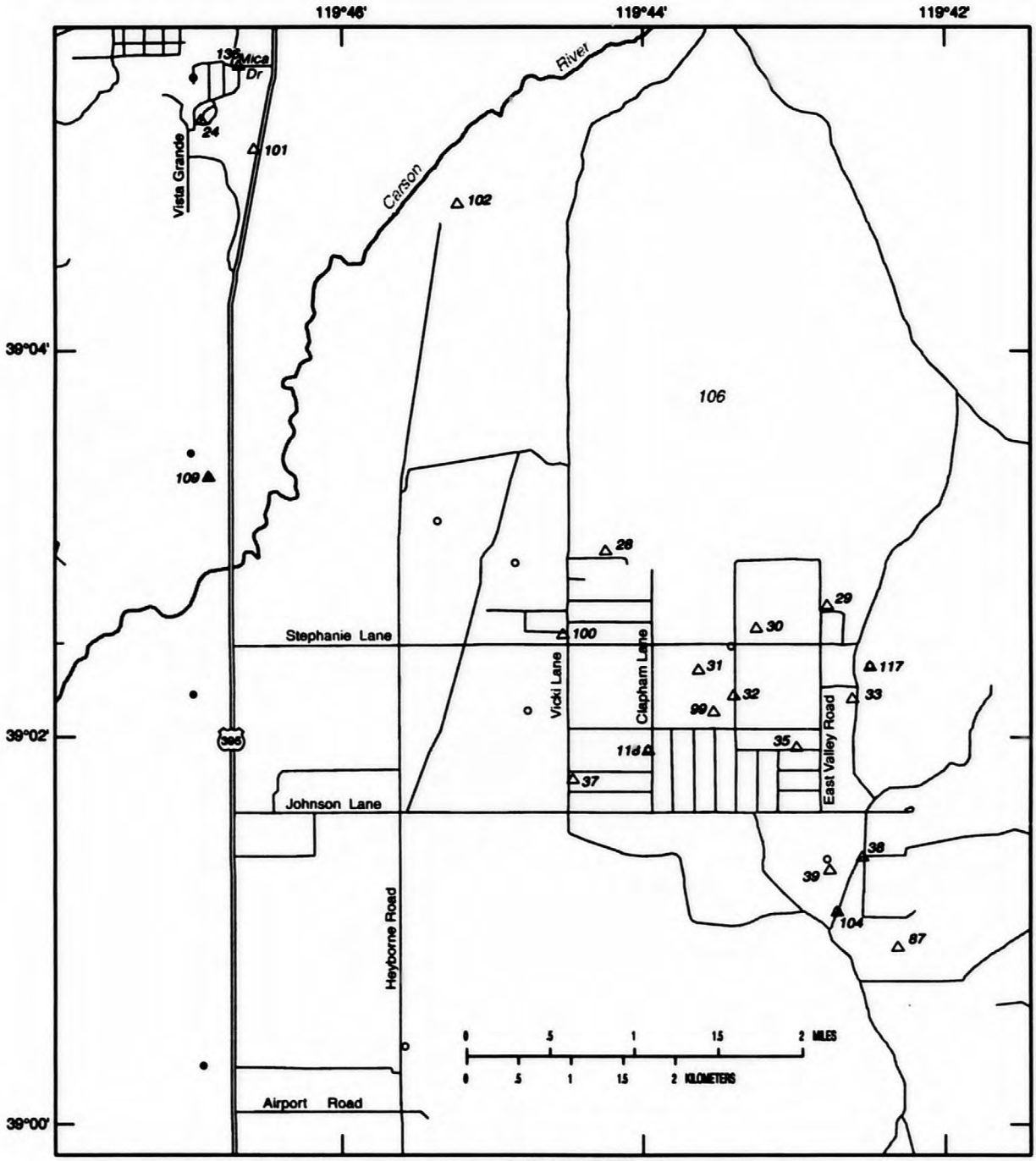
DATE	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)
09-06-95	17.0	210	59	16	22	0.7	1.5	84	5.7	0.10	0.050
08-29-95	15.0	14	5.3	0.21	16	2	0.70	17	1.2	0.90	<0.010
08-24-95	14.0	230	70	13	24	0.7	2.5	66	17	<0.10	0.15
08-29-95	15.0	73	17	7.3	8.9	0.5	2.3	12	4.2	<0.10	0.010
08-24-95	13.5	110	35	6.5	17	0.7	2.3	21	8.9	0.10	0.070
08-31-95	16.5	140	42	9.6	26	0.9	1.9	35	16	0.20	0.14
08-30-95	14.0	71	20	5.1	19	1	4.5	18	5.7	0.30	0.030
08-22-95	13.0	97	29	5.9	9.7	0.4	1.3	2.4	2.3	<0.10	0.020
09-06-95	18.5	31	11	0.92	27	2	3.7	17	4.8	0.70	0.010
08-28-95	14.0	120	40	5.5	14	0.6	3.0	10	1.7	0.10	0.020
09-06-95	20.5	37	9.9	3.1	61	4	3.8	35	9.4	1.4	0.10
08-21-95	20.0	33	13	0.06	14	1	0.80	0.90	1.2	<0.10	0.020
08-21-95	15.0	50	17	1.9	32	2	1.5	18	12	1.3	0.050

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)
09-06-95	58	341	350	0.46	0.001	1.20	<0.002	0.130	9	31
08-29-95	19	79	78	0.11	<0.010	0.070	0.020	0.020	32	6
08-24-95	30	372	350	0.51	<0.010	3.10	<0.015	0.050	<3	<1
08-29-95	46	150	149	0.20	<0.010	2.00	<0.015	0.100	<3	<1
08-24-95	29	193	197	0.26	<0.010	1.40	<0.015	0.060	<3	<1
08-31-95	37	255	256	0.35	<0.010	1.70	<0.015	0.120	<3	2
08-30-95	45	165	169	0.22	<0.010	0.460	0.050	0.080	26	38
08-22-95	24	139	145	0.19	<0.010	1.70	<0.015	0.070	11	<1
09-06-95	49	166	156	0.23	0.001	0.010	0.007	0.032	<3	<1
08-28-95	22	183	184	0.25	<0.010	0.210	<0.015	0.010	10	<1
09-06-95	81	275	281	0.37	0.001	1.30	<0.002	0.009	9	<1
08-21-95	18	83	88	0.11	<0.010	1.10	<0.015	<0.010	<3	<1
08-21-95	32	170	170	0.23	<0.010	0.360	<0.015	0.040	30	1

Upper Truckee River, December 1994 Photograph by Larry P. Etchemendy

LOCATION OF GROUND-WATER QUALITY SAMPLING SITES (figure 35)

Site number	Local number	Latitude	Longitude	Site identification
24	105 N14 E20 07CDBC1	39°05'12"	119°46'56"	390512119465601
28	105 N14 E20 28ACDD1	39°02'58"	119°44'15"	390258119441501
29	105 N14 E20 26CCBB1	39°02'41"	119°42'47"	390241119424701
30	105 N14 E20 27DCCA1	39°02'34"	119°43'15"	390234119431501
31	105 N14 E20 34BACB1	39°02'21"	119°43'38"	390221119433801
32	105 N14 E20 34BDAA1	39°02'13"	119°43'24"	390213119432401
33	105 N14 E20 35BCAB1	39°02'12"	119°42'37"	390212119423701
35	105 N14 E20 34DABD1	39°01'57"	119°42'59"	390157119425901
37	105 N14 E20 33DCBB1	39°01'47"	119°44'28"	390147119442801
38	105 N13 E20 02BBDD1	39°01'23"	119°42'33"	390123119423301
39	105 N13 E20 02BCBC1	39°01'19"	119°42'46"	390119119424601
87	105 N13 E20 02CDAA1	39°00'55"	119°42'19"	390055119421901
99	105 N14 E20 34BDBD1	39°02'08"	119°43'32"	390208119433201
100	105 N14 E20 28CDC 1	39°02'32"	119°44'32"	390232119443201
101	105 N14 E20 18ABAB1	39°05'03"	119°46'35"	390503119463501
102	105 N14 E20 17ADCA1	39°04'46"	119°45'14"	390446119451401
104	105 N13 E20 02CBB 1	39°01'06"	119°42'43"	390106119424301
109	105 N14 E20 30BABA1	39°03'21"	119°46'53"	390321119465301
117	105 N14 E20 35BABC1	39°02'22"	119°42'30"	390222119423001
118	105 N14 E20 33DADA1	39°01'56"	119°43'58"	390156119435801
136	105 N14 E20 07DBCB1	39°05'24"	119°46'40"	390524119464001



EXPLANATION

- • **Primary observation well**--Water level generally measured monthly or more frequently
- ○ **Secondary observation well**--Water level generally measured one to four times per year.
- △37 **Active ground-water quality site**--Sampling-site number refers to accompanying table
- *106* **Number refers to valley number**--See figure 29

Figure 35. Selected observation wells and ground-water quality sites, Johnson Lane area, Douglas County, Nevada.

Depths and Water Levels: Depths are referenced to land-surface datum (LSD). The following sites are shown in figure 35.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	LOCAL WELL NUMBER	DATE	TIME	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)
390119119424601	105 N13 E20 02BCBC1	08-01-95	1435	4860	122.56	178.00	328	7.8
390123119423301	105 N13 E20 02BBDD1	08-01-95	1615	4890	114.89	158.00	414	7.7
390147119442801	105 N14 E20 33DCBB1	07-24-95	1435	4704	--	115.00	341	7.9
390156119435801	105 N14 E20 33DADA1	07-31-95	1330	4729	31.99	125.00	357	7.6
390157119425901	105 N14 E20 34DABD1	08-01-95	1145	4817	--	180.00	342	7.9
390212119423701	105 N14 E20 35BCAB1	08-01-95	1305	4878	133.39	229.00	455	9.1
390213119432401	105 N14 E20 34BDAA1	07-31-95	1450	4770	48.10	127.00	367	7.6
390221119433801	105 N14 E20 34BACB1	07-31-95	1150	4748	50.56	120.00	351	7.3
390222119423001	105 N14 E20 35BABC1	08-02-95	1140	4941	161.25	201.00	502	9.0
390234119431501	105 N14 E20 27DCCA1	07-27-95	1525	4807	--	185.00	367	7.9
390241119424701	105 N14 E20 26CCBB1	07-31-95	1630	4876	164.50	--	468	8.1
390258119441501	105 N14 E20 28ACDD1	08-02-95	1005	4717	18.19	120.00	1320	9.1
390512119465601	105 N14 E20 07CDBC1	07-25-95	1025	4760	--	--	378	7.3
390524119464001	105 N14 E20 07DBCB1	08-02-95	1310	4770	92.18	--	366	7.4

DATE	TEMPER-ATURE WATER (DEG C) (00010)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVE (MG/L AS F) (00950	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	PHOS-PHORUS ORTHO, DIS-SOLVED D (MG/L AS P) (00671))
08-01-95	20.5	54	47	8.9	1.6	264	<0.010	0.380	<0.015	0.020
08-01-95	21.5	44	72	23	1.1	279	<0.010	1.40	<0.015	0.030
07-24-95	16.0	35	29	9.1	1.1	253	<0.010	1.20	0.030	0.020
07-31-95	17.0	56	35	10	2.4	266	<0.010	1.00	<0.015	0.030
08-01-95	19.5	57	46	9.2	2.2	272	<0.010	0.710	0.100	0.010
08-01-95	21.0	91	110	26	5.3	291	<0.010	<0.005	0.110	0.010
07-31-95	17.0	56	53	13	1.7	275	<0.010	0.780	<0.015	0.030
07-31-95	16.0	50	46	11	1.8	271	<0.010	0.840	<0.015	0.040
08-02-95	22.0	98	130	27	5.3	318	<0.010	0.034	<0.015	0.010
07-27-95	18.5	52	52	12	2.5	266	<0.010	0.460	<0.015	0.010
07-31-95	18.0	72	110	25	2.4	313	<0.010	0.800	<0.015	0.010
08-02-95	27.0	170	700	36	3.3	1150	<0.010	<0.005	0.130	<0.010
07-25-95	16.5	39	17	15	0.40	232	<0.010	2.60	<0.015	0.060
08-02-95	--	32	14	14	0.50	255	<0.010	3.00	<0.015	0.080

GROUND-WATER LEVELS

DOUGLAS COUNTY

WATER USE: H, domestic; I, irrigation; P, public supply; S, stock; U, unused.
WATER LEVEL: Levels above LSD (land-surface datum) are listed as negative values.
WATER-LEVEL STATUS: R, the same site had been pumped recently; S, nearby site that was being pumped taps same aquifer; V, foreign substance; X, water-level affected by stage in nearby surface-water site.
WATER-LEVEL METHOD: G, pressure gage; S, steel tape; T, electric tape.
The following sites are shown in figure 34 and 35.

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
105 N12 E19 02BDDD1	Feil	385559119485701	H	262.	4696.	12/15/94	-8.8	--	G
						03/16/95	-4.6	--	G
						06/08/95	-10.4	--	G
						09/20/95	-9.9	--	G
105 N12 E19 23CDBC1	USGS - Scossa	385304119460601	U	27.	4793.	12/14/94	4.06	X	S
						03/16/95	2.63	--	S
						06/07/95	2.76	X	S
						09/20/95	1.86	X	S
105 N12 E19 24CDCB1	Lucen	385300119480501	S		4733.	12/15/94	-10.6	--	G
						03/16/95	-13.2	--	G
						06/08/95	-14.1	X	G
						09/20/95	-13.4	X	G
105 N12 E19 36ADDA1	Lewallen Land & Cattle Co	385138119471801	I	198.	4794.	12/14/94	6.04	X	S
						03/15/95	5.50	X	S
						06/07/95	6.01	X	S
						09/20/95	6.33	X	S
105 N12 E20 04BAAA2	USGS - Highway Yard	385620119453101	U	21.	4759.	12/14/94	8.20	--	S
						03/14/95	6.94	--	S
						06/07/95	6.74	--	S
						09/20/95	6.11	--	S
105 N12 E20 06BADD1	Erica Valley Ranch	385612119464401	I	430.	4716.	12/14/94	5.90	X	S
						03/15/95	4.45	--	S
						06/07/95	3.83	X	S
						09/20/95	4.21	X	S
105 N12 E20 09BCAD1	White	385512119444801	I	450.	4769.	03/17/95	27.32	--	S
105 N12 E20 13DDBB1	Lee	385413119405001	H	250.	5000.	12/14/94	153.22	--	S
						03/14/95	152.19	--	S
						06/07/95	152.25	--	S
105 N12 E20 17CCD 1	Kingsland	385352119455401	H	91.	4760.	12/14/94	27.92	--	S
						03/16/95	25.89	--	S
						06/07/95	20.22	--	S
						09/20/95	20.32	--	S
105 N12 E20 24AAAA1	McBryde	385340119403601	H	195.	4986.	12/14/94	140.79	--	S
						03/14/95	139.75	--	S
						06/07/95	139.57	--	S
						09/19/95	141.86	--	S
105 N12 E20 24ADCC2	Blumenthal	385321119405002	H	145.	4980.	12/14/94	102.88	--	S
						03/14/95	94.69	--	S
						06/07/95	92.90	--	S
105 N12 E20 24BAAB1	Greenwood	385344119411401	H	150.	4972.	12/14/94	88.44	--	S
						03/14/95	92.90	--	S
						06/07/95	92.76	--	S
105 N12 E20 24CDAD1	Seligman	385301119411301	H	150.	4964.	12/14/94	76.92	--	S
						06/07/95	74.3	--	T
						09/19/95	78.6	--	T
105 N12 E20 24DDAB1	Seymour	385305119404001	H	238.	5010.	12/14/94	150.71	--	S
						03/14/95	149.90	--	S
						06/07/95	148.0	--	T
						09/19/95	153.6	--	T
105 N12 E21 05AADD1	Longuevan	385612119382701	H	120.	5131.	12/13/94	26.13	--	S
						03/15/95	22.54	--	S
						06/06/95	10.64	X	S
						09/19/95	13.38	--	S

GROUND-WATER LEVELS

DOUGLAS COUNTY--Continued

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
105 N12 E21 05BCAA1	Douglas County Fire	385610119391801	H	127.	5077.	12/14/94	25.21	--	S
						03/15/95	23.09	--	S
						06/06/95	16.88	X	S
						09/19/95	21.12	--	S
105 N12 E21 05DBDD1	Sanders	385548119385001	H	70.	5122.	12/14/94	31.81	--	S
						06/06/95	29.79	--	S
						09/19/95	28.81	--	S
105 N12 E21 06BDCA1	Brown	385602119401301	H	96.	5005.	12/14/94	22.59	R	S
						03/15/95	18.26	--	S
						06/06/95	13.09	X	S
						09/19/95	19.53	--	S
105 N12 E21 10BCD 1	Snavely	385507119370301	H	190.	5360.	12/13/94	55.5	--	T
						03/15/95	51.7	--	T
						06/06/95	40.5	X	T
						09/19/95	52.1	--	T
105 N13 E19 03ADBC1	Genoa Lakes Golf Course 1	390118119494401	U	16.	4680.	06/08/95	1.33	X	S
						09/20/95	3.16	--	S
105 N13 E19 09ADCA1	Hollister	390021119504301	H	180.	4810.	12/15/94	139.3	--	T
						03/16/95	137.79	--	S
						06/07/95	117.7	X	T
						09/20/95	123.2	--	T
105 N13 E19 09DAAB1	Genoa Park	390016119504101	P	159.	4776.	12/14/94	53.37	--	S
						03/16/95	43.25	--	S
						06/07/95	31.79	--	S
						09/20/95	40.4	--	T
105 N13 E19 12BBAD1	Settlemeyer Home Ranch	390037119480701	S	400.	4667.	10/11/94	.69	--	S
						10/25/94	-3.0	--	G
						11/08/94	-4.9	--	G
						11/22/94	-6.2	--	G
						12/06/94	-7.2	--	G
						01/03/95	-8.6	--	G
						01/24/95	-9.2	X	G
						02/21/95	-10.6	--	G
						03/07/95	-10.9	--	G
						03/21/95	-11.1	--	G
						03/28/95	-11.3	--	G
						04/04/95	-11.6	--	G
						04/11/95	-11.6	--	G
						04/18/95	-11.6	--	G
						04/25/95	-11.6	--	G
						05/02/95	-11.3	--	G
						05/09/95	-11.3	--	G
						05/16/95	-11.3	--	G
						05/19/95	-10.9	--	G
						05/23/95	-11.6	--	G
						05/30/95	-12.0	--	G
						06/06/95	-12.0	--	G
						06/13/95	-11.6	--	G
						07/12/95	-11.8	--	G
						07/18/95	-12.2	--	G
						07/25/95	-11.6	--	G
						08/01/95	-11.3	--	G
						08/08/95	-11.1	--	G
						08/15/95	-11.1	--	G
						08/22/95	-11.1	--	G
						08/29/95	-11.1	--	G
						09/05/95	-10.9	--	G
						09/12/95	-7.6	--	G
						09/19/95	-8.6	--	G
						09/26/95	-9.5	--	G

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
105 N13 E19 22DCAC2	USGS - Muller Brook East	385815119500202	U	18.	4677.	12/14/94	6.00	X	S
						03/15/95	4.30	X	S
						06/07/95	3.02	X	S
						09/20/95	3.98	X	S
105 N13 E19 33DADD1	Allerman	385637119503701	H	80.	4755.	12/14/94	30.72	--	S
						03/16/95	27.12	--	S
						06/07/95	23.98	--	S
105 N13 E20 02CBB 1	Hastie	390106119424301	H	176.	4860.	12/13/94	110.3	--	T
105 N13 E20 03BCBB1	Heckman	390122119424701	H	108.	4756.	12/13/94	34.64	--	S
						03/13/95	34.57	--	S
						09/19/95	38.12	R	S
105 N13 E20 07BDCC1	Settlemeyer South	390018119465501	S	234.	4677.	10/11/94	.54	--	S
						10/25/94	-1.40	--	S
						11/08/94	-1.60	--	S
						11/22/94	-1.98	--	S
						12/06/94	-2.30	--	S
						01/24/95	-3.5	X	G
						02/21/95	-5.1	--	G
						03/07/95	-5.3	--	G
						03/21/95	-5.78	--	G
						03/28/95	-5.8	--	G
						04/04/95	-5.5	--	G
						04/11/95	-5.8	--	G
						04/18/95	-6.0	--	G
						04/25/95	-5.8	--	G
						05/02/95	-5.5	--	G
						05/09/95	-6.0	--	G
						05/16/95	-6.0	--	G
						05/23/95	-6.0	--	G
						05/30/95	-5.8	--	G
						06/06/95	-5.8	--	G
						06/13/95	-6.2	--	G
						07/12/95	-6.2	--	G
						07/18/95	-5.8	--	G
						07/25/95	-5.8	--	G
						08/01/95	-5.3	--	G
						08/08/95	-5.5	--	G
						08/15/95	-5.5	--	G
						08/22/95	-5.5	--	G
						08/29/95	-5.5	--	G
						09/05/95	-5.5	--	G
						09/12/95	.74	--	S
						09/19/95	-5.1	--	G
						09/26/95	-3.0	--	G
105 N13 E20 08ACBC1	USGS - Heyburn Airport	390024119453501	U	21.	4692.	12/13/94	15.84	--	S
						06/06/95	1.91	X	S
						09/19/95	3.17	--	S
105 N13 E20 14AADA1	Nevis - North	385944119414501	U	301.	4890.	12/13/94	95.45	--	S
						03/13/95	96.45	--	S
						06/06/95	96.59	--	S
						09/19/95	95.55	--	S
105 N13 E20 14DCCD1		385903119420601	U	150.	4870.	12/13/94	67.21	--	S
						03/13/95	69.71	--	S
						06/06/95	65.69	--	S
						09/19/95	61.85	--	S
105 N13 E20 23DDDA1	Nevis - South	385815119413101	I	392.	4885.	12/13/94	81.84	--	S
						03/13/95	82.10	--	S
						06/06/95	82.22	--	S
						09/19/95	82.24	--	S
105 N13 E20 26ABBB1	May	385801119421501	H	130.	4868.	06/06/95	62.54	--	S
						09/19/95	55.92	--	S

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
105 N13 E20 26DADD1	Lisser	385729119414501	H	180.	4922.	12/13/94	109.50	--	S
						03/15/95	109.9	--	T
						06/06/95	110.1	--	T
						09/19/95	110.2	--	T
105 N13 E20 32CAAA1	Mack Land & Cattle Co	385630119452001	I	420.	4733.	03/17/95	11.10	--	S
105 N13 E20 34ACBC2	Jontey	385658119432001	H	90.	4790.	12/14/94	11.28	--	S
						03/22/95	13.09	R	S
						06/07/95	11.89	X	S
						09/20/95	6.10	--	S
105 N13 E21 28CCBC1	BLM - Fish Spring Windmill	385724119382301	S	95.	5160.	12/13/94	63.04	--	S
						03/15/95	62.96	--	S
						06/06/95	62.88	--	S
						09/19/95	63.89	--	S
105 N13 E21 32BDAD1	Jones	385657119385801	I	608.	5141.	12/13/94	35.77	--	S
						03/15/95	35.84	--	S
						06/06/95	37.75	S	S
						09/19/95	35.92	--	S
105 N14 E19 11CDAA1	Rosse	390519119490201	H	165.	5167.	12/15/94	98.3	--	T
						03/16/95	96.12	--	S
						06/07/95	99.7	--	T
						09/20/95	106.3	R	T
105 N14 E19 15BBAB1	Ascuaga	390501119502401	S	240.	5138.	03/16/95	36.75	--	S
105 N14 E19 22ABAD1	Washoe Tribe	390407119494601	U	44.	5060.	06/08/95	12.17	--	S
						09/21/95	14.72	--	S
105 N14 E19 25BA 1	Indian Colony - Carson	390230119480001	I	239.	4680.	10/25/94	21.69	--	S
105 N14 E19 26ABBC1	Harvey Gross - Stock Well	390315119485001	U		4776.	12/15/94	15.13	--	S
						03/16/95	18.52	--	S
						06/07/95	17.72	--	S
						09/20/95	18.55	--	S
105 N14 E19 34DBAD1	Harvey Gross - Game Farm	390156119495401	I	248.	4715.	03/16/95	67.00	V	S
105 N14 E20 07CBAD2	Douglas County - West	390525119465902	U	236.	4835.	03/16/95	123.82	--	S
105 N14 E20 19CCAD1	Carson Vly Equestian Center	390328119470001	I	400.	4650.	10/11/94	-.60	--	S
						10/25/94	-2.80	--	S
						11/08/94	-4.9	--	G
						11/22/94	-2.44	S	S
						12/06/94	-5.5	--	G
						01/03/95	-6.0	--	G
						01/24/95	-10.4	--	G
						02/21/95	-11.6	--	G
						03/07/95	-12.0	--	G
						03/21/95	-13.4	--	G
						03/28/95	-13.4	--	G
						04/04/95	-13.4	--	G
						04/11/95	-13.4	--	G
						04/18/95	-11.1	--	G
						04/25/95	-10.2	--	G
						05/02/95	-12.9	--	G
						05/09/95	-13.4	--	G
						05/16/95	-13.4	--	G
						05/23/95	-14.3	--	G
						05/30/95	-11.3	--	G
						06/13/95	-6.2	--	G
						07/12/95	-8.3	--	G
105 N14 E20 28CBAB1	Paul Unruh - Turf North	390254119445101	I	420.	4680.	12/13/94	14.69	--	S
						03/13/95	14.61	X	S
						06/06/95	12.72	V	S
						09/19/95	13.59	V	S
105 N14 E20 29ACCC1	USGS - Heyburn Railroad	390307119452201	U	13.	4657.	12/13/94	8.80	--	S
						03/13/95	5.66	X	S
						06/06/95	4.54	X	S
						09/19/95	6.56	--	S

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
105 N14 E20 30BABA1	Brown	390321119465301	P	394.	4650.	10/11/94	.16	R	S
						10/25/94	-2.8	--	G
						11/08/94	-4.6	--	G
						12/06/94	-4.4	--	G
						01/10/95	-10.6	--	G
						01/24/95	-12.0	--	G
						02/21/95	-13.2	--	G
						03/07/95	-13.6	--	G
						03/21/95	-15.3	--	G
						03/28/95	-15.5	--	G
						04/04/95	-15.5	--	G
						04/11/95	-15.0	--	G
						04/18/95	-13.6	--	G
						05/02/95	-14.3	--	G
						05/09/95	-15.0	--	G
						05/16/95	-15.0	--	G
						05/23/95	-15.9	--	G
						05/30/95	-15.9	--	G
						06/06/95	-12.2	--	G
						06/13/95	-10.9	--	G
						07/12/95	-11.6	--	G
						07/18/95	-11.1	S	G
						07/25/95	-11.6	--	G
						08/08/95	-10.4	--	G
						08/15/95	-10.4	--	G
						08/22/95	-8.3	--	G
						08/29/95	-8.1	--	G
						09/05/95	-8.8	--	G
						09/12/95	-7.6	--	G
						09/19/95	-11.1	--	G
						09/26/95	-9.7	--	G
105 N14 E20 31BCAA1	Settlemeyer North	390212119470101	S	290.	4659.	10/11/94	3.60	--	S
						10/25/94	.08	--	S
						11/08/94	-1.67	--	S
						11/22/94	-2.23	--	S
						12/06/94	-2.30	--	S
						01/24/95	-2.33	X	S
						02/21/95	-2.33	--	S
						03/07/95	-2.34	--	S
						03/21/95	-2.33	--	S
						03/28/95	-2.35	--	S
						04/04/95	-2.35	--	S
						04/11/95	-2.46	--	S
						04/18/95	-2.56	--	S
						04/25/95	-2.33	--	S
						05/02/95	-2.36	--	S
						05/09/95	-3.9	--	G
						05/18/95	-2.35	--	S
						05/23/95	-2.37	--	S
						05/30/95	-2.36	--	S
						06/06/95	-2.35	--	S
						06/13/95	-2.34	--	S
						07/12/95	-2.33	--	S
						07/17/95	-2.33	--	S
						07/25/95	-2.32	--	S
						08/01/95	-2.33	--	S
						08/08/95	-2.32	--	S
						08/15/95	-2.32	--	S
						08/22/95	-2.31	--	S
						08/29/95	-2.31	--	S
						09/05/95	-2.31	--	S
						09/12/95	-2.31	--	S

GROUND-WATER LEVELS

DOUGLAS COUNTY--Continued

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
105 N14 E20 31BCAA1	Settlemeyer North	390212119470101	S	290.	4659.	09/19/95	-2.30	--	S
						09/26/95	-2.31	--	S
105 N14 E20 33BCDA1	Paul Unruh - Turf South	390208119444601	I	218.	4683.	12/13/94	4.46	V	S
						03/13/95	2.95	V	S
						06/06/95	2.13	V	S
						09/19/95	2.30	V	S
105 N14 E20 33DADA1	Hoffman	390156119435801	H	125.	4729.	12/13/94	22.94	--	S
						03/13/95	21.92	--	S
						06/06/95	24.76	--	S
105 N14 E20 34BAAA1	Slaughter	390228119432501	U	126.	4782.	12/13/94	62.33	--	S
						03/17/95	62.01	--	S
						06/06/95	61.94	--	S
105 N14 E20 35BABC1	Merrifield	390222119423001	H	201.	4941.	06/06/95	151.68	--	S
						09/19/95	154.09	--	S
106 N10 E22 11CCDA1	Ferguson	384419119293101	H	210.	5140.	12/14/94	157.68	--	S
						03/14/95	156.46	--	S
						06/07/95	156.5	--	T
						09/20/95	156.0	--	T
106 N10 E22 29CDBA3	Topaz Lodge	384151119324102	H	224.	5120.	12/14/94	201.17	--	S
						03/14/95	194.7	--	T
						06/07/95	187.32	--	S
						09/20/95	178.57	--	S

QUALITY OF GROUND WATER

EAGLE VALLEY GROUND WATER STUDY

Dissolved constituents were analyzed in water samples collected from monitor wells drilled in Vicee, Ash, and Kings Canyons near the base of the Carson Range as part of a cooperative study with Carson City Utilities Department. The purpose of the project is to determine the quantity and quality of ground water that flows into Eagle Valley from the adjacent mountains. The following sites are shown in figures 33.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	LOCAL WELL NUMBER	DATE	TIME	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
390949119475501	104 N15 E19 13CAAB1	11-02-94	1100	4888	--	104.00	258	6.9	12.0
390949119475502	104 N15 E19 13CAAB2	11-02-94	1000	4888	57.08	175.00	241	6.8	12.0
391030119480701	104 N15 E19 12CCAA1	11-02-94	1415	5063	141.00	185.00	358	7.5	12.0
391105119481101	104 N15 E19 12BBCB1	11-01-94	1100	5182	138.58	163.00	172	6.9	13.0
391105119481102	104 N15 E19 12BBCB2	11-01-94	0930	5182	140.80	210.00	183	7.0	13.0
391110119480701	104 N15 E19 12BBAA1	11-01-94	1400	5147	85.00	107.00	301	7.1	12.5

DATE	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)
11-02-94	100	29	7.3	18	0.8	3.7	156	128	6.7	2.4	0.10	0.030
11-02-94	100	28	7.4	14	0.6	3.8	142	116	6.3	2.2	0.10	0.030
11-02-94	110	32	6.2	38	2	3.6	163	134	42	4.6	<0.10	0.020
11-01-94	45	13	3.1	20	1	2.9	95	78	4.9	2.7	<0.10	0.020
11-01-94	54	15	3.9	19	1	3.2	107	88	4.5	1.3	<0.10	0.020
11-01-94	110	30	8.4	20	0.8	2.3	137	112	9.3	10	0.10	0.040

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)
11-02-94	32	178	176	0.24	30	<1	2	22	<1	<1.0	1
11-02-94	34	165	166	0.22	2	<1	3	31	<1	<1.0	4
11-02-94	23	227	230	0.31	20	<1	4	15	<1	<1.0	3
11-01-94	29	126	122	0.17	40	<1	2	11	<1	<1.0	<1
11-01-94	28	126	128	0.17	40	<1	2	14	<1	<1.0	<1
11-01-94	40	205	188	0.28	10	<1	1	11	<1	<1.0	1

DATE	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)
11-02-94	<1	<1	10	<1	10	4	8	<1	<1.0	4	2.0
11-02-94	<1	1	82	<1	8	4	16	<1	<1.0	1	1.0
11-02-94	<1	<1	<3	<1	39	6	2	<1	<1.0	<1	37
11-01-94	<1	1	<3	<1	44	2	1	<1	<1.0	1	23
11-01-94	<1	1	4	<1	2	3	<1	<1	<1.0	<1	39
11-01-94	<1	<1	<3	<1	8	1	2	<1	<1.0	<1	16

GROUND-WATER LEVELS

EAGLE VALLEY GROUND WATER STUDY

WATER USE: H, domestic; U, unused.
WATER-LEVEL STATUS: E, flowing recently; R, the same site had been pumped recently; T, nearby site that has been pumped taps aquifer; X, surface water effects.
WATER-LEVEL METHOD: T, electric tape.
The following sites are shown in figure 33.

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
104 N15 E19 01CCCC1	VC-8	391111119481901	U	117.	5207.5	10/05/94	94.6	--	T
						10/21/94	94.5	--	T
						10/28/94	94.5	--	T
						11/04/94	94.5	--	T
						11/10/94	94.4	--	T
						11/28/94	94.4	--	T
						11/29/94	94.4	--	T
						12/02/94	94.4	--	T
						12/09/94	94.4	--	T
						12/15/94	94.4	--	T
						12/22/94	94.4	--	T
						12/29/94	94.4	--	T
						01/06/95	94.4	--	T
						01/13/95	94.4	--	T
						01/20/95	94.4	--	T
						01/27/95	94.4	--	T
						02/03/95	94.4	--	T
						02/10/95	94.4	--	T
						02/17/95	94.3	--	T
						02/24/95	94.3	--	T
						03/03/95	94.2	--	T
						03/10/95	94.1	--	T
						03/17/95	94.1	--	T
						03/24/95	94.0	--	T
						03/31/95	93.8	--	T
						04/07/95	93.6	--	T
						04/14/95	93.4	--	T
						04/21/95	93.2	--	T
						04/28/95	92.9	--	T
						05/05/95	92.5	--	T
						05/12/95	92.1	--	T
						05/19/95	91.7	--	T
						05/26/95	91.3	--	T
						06/02/95	90.9	--	T
						06/12/95	90.5	--	T
						06/16/95	90.3	--	T
						06/23/95	90.0	--	T
						06/30/95	89.8	--	T
						07/07/95	89.7	--	T
						07/14/95	89.7	--	T
						07/21/95	89.6	--	T
						07/28/95	89.7	--	T
						08/04/95	89.7	--	T
						08/11/95	89.8	--	T
						09/01/95	90.2	--	T
						09/08/95	90.3	--	T

GROUND-WATER LEVELS

EAGLE VALLEY GROUND WATER STUDY--Continued

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
104 N15 E19 12ABCC3	USGS VC-4	391057119474002	U	210.	4958.0	10/06/94	188.1	--	T
						10/14/94	188.0	X	T
						10/21/94	188.3	--	T
						10/28/94	188.4	--	T
						11/04/94	188.5	--	T
						11/10/94	188.7	--	T
						11/28/94	189.0	--	T
						12/02/94	189.0	--	T
						12/09/94	189.1	--	T
						12/15/94	189.4	--	T
						12/22/94	189.3	--	T
						12/29/94	189.4	--	T
						01/06/95	189.6	--	T
						01/13/95	189.7	--	T
						01/20/95	189.8	--	T
						01/27/95	189.9	--	T
						02/03/95	190.0	--	T
						02/10/95	190.1	--	T
						02/17/95	190.2	--	T
						02/24/95	190.4	--	T
						03/03/95	190.4	--	T
						03/10/95	190.5	--	T
						03/17/95	190.6	--	T
						03/24/95	190.9	--	T
						03/31/95	190.9	--	T
						04/07/95	190.9	--	T
						04/14/95	191.0	--	T
						04/21/95	191.2	--	T
						04/28/95	191.5	--	T
						05/05/95	191.2	--	T
						05/12/95	191.3	--	T
						05/19/95	191.3	--	T
						05/26/95	191.3	--	T
						06/02/95	191.2	--	T
						06/12/95	190.9	--	T
						06/16/95	190.5	--	T
						06/23/95	188.3	--	T
						06/30/95	187.8	--	T
						07/07/95	186.8	--	T
						07/14/95	180.7	--	T
						07/21/95	181.2	--	T
						08/04/95	180.7	--	T
						08/11/95	180.7	--	T
						09/01/95	180.8	--	T
						09/08/95	180.7	--	T
104 N15 E19 12ACAB1	USGS	391055119473301	U	273.	4927.00	10/06/94	245.4	--	T
						10/14/94	243.8	X	T
						10/21/94	243.1	--	T
						10/28/94	242.3	--	T
						11/04/94	241.8	--	T
						11/10/94	241.7	--	T
						11/28/94	239.4	--	T
						12/02/94	238.8	--	T
						12/09/94	237.6	--	T
						12/15/94	236.6	--	T
						12/22/94	235.6	--	T
						12/29/94	234.8	--	T
						01/06/95	234.0	--	T
						01/13/95	233.2	--	T
						01/20/95	233.1	--	T
						01/27/95	232.7	--	T
						02/03/95	232.3	--	T

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
104 N15 E19 12ACAB1	USGS	391055119473301	U	273.	4927.00	02/10/95	231.0	--	T
						02/17/95	230.4	--	T
						02/24/95	229.7	--	T
						03/03/95	228.6	--	T
						03/10/95	229.8	--	T
						03/17/95	232.5	--	T
						03/24/95	234.2	--	T
						03/31/95	235.5	--	T
						04/07/95	235.2	--	T
						04/14/95	235.3	--	T
						04/21/95	235.9	--	T
						04/28/95	236.2	--	T
						05/05/95	237.0	--	T
						05/12/95	238.1	--	T
						05/19/95	238.3	--	T
						05/26/95	237.9	--	T
						06/02/95	236.8	--	T
						06/12/95	239.4	--	T
						06/16/95	240.0	--	T
						06/23/95	238.7	--	T
						06/30/95	235.5	--	T
						07/07/95	214.2	--	T
						07/14/95	213.7	--	T
						07/21/95	213.5	--	T
						07/28/95	213.8	--	T
						08/04/95	213.7	--	T
						08/11/95	214.0	--	T
						09/01/95	214.3	--	T
						09/08/95	213.9	--	T
104 N15 E19 12BBAA1	VC-7	391110119480701	U	107.	5147.4	10/05/94	83.6	--	T
						10/21/94	83.7	--	T
						10/28/94	83.7	--	T
						11/01/94	83.6	--	T
						11/04/94	83.8	--	T
						11/10/94	83.8	--	T
						11/28/94	83.9	--	T
						11/29/94	83.9	--	T
						12/02/94	83.9	--	T
						12/09/94	84.0	--	T
						12/15/94	83.9	--	T
						12/22/94	84.0	--	T
						12/29/94	84.0	--	T
						01/06/95	84.1	--	T
						01/13/95	84.0	--	T
						01/20/95	83.9	--	T
						01/27/95	83.8	--	T
						02/03/95	83.7	--	T
						02/10/95	83.6	--	T
						02/17/95	83.6	--	T
						02/24/95	83.5	--	T
						03/03/95	83.4	--	T
						03/10/95	83.2	--	T
						03/17/95	79.8	--	T
						03/20/95	79.8	--	T
						03/24/95	79.3	--	T
						03/31/95	77.5	--	T
						04/07/95	77.6	--	T
						04/14/95	78.2	--	T
						04/21/95	78.5	--	T
						04/28/95	78.6	--	T
						05/05/95	78.2	--	T
						05/12/95	78.2	--	T

GROUND-WATER LEVELS

EAGLE VALLEY GROUND WATER STUDY--Continued

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
104 N15 E19 12BBAA1	VC-7	391110119480701	U	107.	5147.4	05/19/95	78.1	--	T
						05/26/95	78.0	--	T
						06/02/95	77.9	--	T
						06/12/95	78.0	--	T
						06/16/95	77.9	--	T
						06/23/95	78.0	--	T
						06/30/95	77.9	--	T
						07/07/95	77.9	--	T
						07/14/95	77.9	--	T
						07/21/95	77.7	--	T
						07/28/95	77.6	--	T
						08/04/95	77.5	--	T
						08/11/95	77.4	--	T
						09/01/95	77.1	--	T
						09/08/95	77.0	--	T
104 N15 E19 12BBCB1	VC-6 SHALLOW	391105119481101	U	163.	5181.5	10/01/94	138.5	--	T
						10/05/94	138.0	--	T
						10/14/94	138.2	X	T
						10/21/94	138.3	--	T
						10/28/94	138.5	--	T
						11/01/94	138.5	--	T
						11/01/94	139.3	--	T
						11/04/94	138.8	--	T
						11/10/94	138.9	--	T
						11/28/94	139.3	--	T
						11/29/94	139.4	--	T
						12/02/94	139.4	--	T
						12/09/94	139.6	--	T
						12/15/94	139.7	--	T
						12/22/94	139.9	--	T
						12/29/94	140.0	--	T
						01/06/95	140.2	--	T
						01/13/95	140.3	--	T
						01/20/95	140.4	--	T
						01/27/95	140.6	--	T
						02/03/95	140.7	--	T
						02/10/95	140.8	--	T
						02/17/95	140.9	--	T
						02/24/95	141.0	--	T
						03/03/95	141.1	--	T
						03/10/95	141.2	--	T
						03/17/95	141.3	--	T
						03/24/95	141.4	--	T
						03/31/95	141.4	--	T
						04/07/95	141.5	--	T
						04/14/95	141.6	--	T
						04/21/95	141.6	--	T
						04/28/95	141.6	--	T
						05/05/95	141.6	--	T
						05/12/95	141.5	--	T
						05/19/95	141.3	--	T
						05/26/95	141.2	--	T
						06/02/95	141.0	--	T
						06/12/95	140.6	--	T
						06/16/95	140.4	--	T
						06/23/95	139.9	--	T
						06/30/95	139.4	--	T
						07/07/95	139.0	--	T
						07/14/95	138.4	--	T
						07/21/95	137.9	--	T
						07/28/95	137.3	--	T
						08/07/95	136.6	--	T

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
104 N15 E19 12BBCB1	VC-6 SHALLOW	391105119481101	U	163.	5181.5	08/11/95	135.8	--	T
						08/29/95	133.7	--	T
						09/01/95	133.6	--	T
						09/08/95	133.1	--	T
104 N15 E19 12BBCB2	VC-6 DEEP	391105119481102	U	210.	5181.5	10/05/94	140.3	--	T
						10/14/94	140.4	X	T
						10/21/94	140.7	--	T
						10/28/94	140.8	--	T
						11/01/94	140.8	--	T
						11/04/94	141.1	R	T
						11/10/94	141.3	--	T
						11/28/94	141.6	--	T
						11/29/94	141.7	--	T
						12/02/94	141.7	--	T
						12/09/94	141.9	--	T
						12/15/94	142.1	--	T
						12/22/94	142.2	--	T
						12/29/94	142.3	--	T
						01/06/95	142.5	--	T
						01/13/95	142.6	--	T
						01/20/95	142.7	--	T
						01/27/95	142.8	--	T
						02/03/95	143.0	--	T
						02/10/95	143.1	--	T
						02/17/95	143.2	--	T
						02/24/95	143.3	--	T
						03/03/95	143.3	--	T
						03/10/95	143.4	--	T
						03/17/95	143.5	--	T
						03/24/95	143.7	--	T
						03/31/95	143.7	--	T
						04/07/95	143.7	--	T
						04/14/95	143.8	--	T
						04/21/95	143.8	--	T
						04/28/95	143.8	--	T
						05/05/95	143.7	--	T
						05/12/95	143.7	--	T
						05/19/95	143.5	--	T
						05/26/95	143.3	--	T
						06/02/95	143.1	--	T
						06/12/95	142.6	--	T
						06/16/95	142.4	--	T
						06/23/95	142.0	--	T
						06/30/95	141.5	--	T
						07/07/95	141.1	--	T
						07/14/95	140.7	--	T
						07/21/95	140.2	--	T
						07/28/95	139.7	--	T
						08/04/95	139.1	--	T
						08/11/95	138.4	--	T
						08/29/95	136.7	--	T
						09/01/95	136.6	--	T
						09/08/95	136.2	--	T
104 N15 E19 12CCAA1	ASH-1 SHALLOW	391030119480701	U	185.	5063.2	10/05/94	140.0	--	T
						10/21/94	140.3	--	T
						10/28/94	140.2	--	T
						11/02/94	140.0	--	T
						11/04/94	140.0	R	T
						11/10/94	139.6	--	T
						12/02/94	139.7	--	T
						12/09/94	138.8	--	T
						12/15/94	138.8	T	T

GROUND-WATER LEVELS

EAGLE VALLEY GROUND WATER STUDY--Continued

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
104 N15 E19 12CCAA1	ASH-1 SHALLOW	391030119480701	U	185.	5063.2	12/22/94	138.6	--	T
						12/29/94	138.6	--	T
						01/06/95	138.7	--	T
						01/13/95	138.6	--	T
						01/20/95	138.3	--	T
						01/27/95	138.3	--	T
						02/03/95	138.0	--	T
						02/10/95	137.7	--	T
						02/17/95	137.6	--	T
						02/24/95	137.2	--	T
						03/03/95	136.9	--	T
						03/10/95	136.6	--	T
						03/17/95	136.5	--	T
						03/24/95	136.1	--	T
						03/31/95	135.1	--	T
						04/07/95	134.0	--	T
						04/14/95	132.9	--	T
						04/21/95	131.9	--	T
						04/28/95	130.8	--	T
						05/05/95	129.9	--	T
						05/12/95	129.1	--	T
						05/19/95	128.3	--	T
						05/26/95	127.7	--	T
						06/02/95	127.0	--	T
						06/12/95	126.6	--	T
						06/16/95	126.3	--	T
						06/23/95	126.5	--	T
						06/30/95	126.3	--	T
						07/07/95	126.4	--	T
						07/14/95	126.6	--	T
						07/21/95	126.7	--	T
						07/28/95	126.8	--	T
						08/04/95	126.9	--	T
						08/11/95	127.2	--	T
						09/01/95	128.5	--	T
						09/08/95	128.9	--	T
104 N15 E19 12CCAA2	ASH-1 DEEP	391030119480702	U	321.	5063.2	10/05/94	233.1	--	T
						10/21/94	228.1	R	T
						10/28/94	228.0	--	T
						11/03/94	228.1	--	T
						11/03/94	233.7	--	T
						11/04/94	233.6	--	T
						11/10/94	233.7	--	T
						12/02/94	233.6	--	T
						12/09/94	234.3	--	T
						12/15/94	234.4	--	T
						12/22/94	234.3	--	T
						12/29/94	234.5	--	T
						01/06/95	234.6	--	T
						01/13/95	234.6	--	T
						01/20/95	234.5	--	T
						01/27/95	234.6	--	T
						02/03/95	234.6	--	T
						02/10/95	234.6	--	T
						02/17/95	234.5	--	T
						02/24/95	234.5	--	T
						03/03/95	234.3	--	T
						03/10/95	234.2	--	T
						03/17/95	234.3	--	T
						03/24/95	234.2	--	T
						03/31/95	233.9	--	T
						04/07/95	233.5	--	T

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
104 N15 E19 12CCAA2	ASH-1 DEEP	391030119480702	U	321.	5063.2	04/14/95	233.2	--	T
						04/21/95	232.7	--	T
						04/28/95	232.2	--	T
						05/05/95	231.7	--	T
						05/12/95	231.5	--	T
						05/19/95	231.0	--	T
						05/26/95	230.9	--	T
						06/02/95	230.7	--	T
						06/12/95	230.6	--	T
						06/16/95	230.6	--	T
						06/23/95	230.7	--	T
						06/30/95	230.6	--	T
						07/07/95	230.8	--	T
						07/14/95	230.8	--	T
						07/21/95	230.9	--	T
						07/28/95	230.9	--	T
						08/04/95	231.0	--	T
						08/11/95	231.0	--	T
						09/01/95	231.5	--	T
						09/08/95	231.5	--	T
104 N15 E19 13BCBC1	QUILL PLANT	391002119481701	U	340.	4976.52	10/06/94	84.5	--	T
						10/24/94	84.9	--	T
						10/28/94	85.0	--	T
						11/04/94	85.1	--	T
						11/10/94	85.1	--	T
						11/28/94	85.6	--	T
						12/02/94	85.5	--	T
						12/09/94	85.6	--	T
						12/15/94	85.7	--	T
						12/22/94	85.9	--	T
						12/29/94	86.0	--	T
						01/06/95	86.2	--	T
						01/13/95	86.1	--	T
						01/20/95	86.0	--	T
						01/27/95	86.3	--	T
						02/03/95	86.3	--	T
						02/10/95	86.2	--	T
						02/17/95	86.2	--	T
						02/24/95	86.1	--	T
						03/03/95	85.9	--	T
						03/10/95	85.5	--	T
						03/17/95	84.6	--	T
						03/24/95	82.0	--	T
						03/31/95	81.2	--	T
						04/07/95	80.6	--	T
						04/14/95	80.1	--	T
						04/21/95	79.9	--	T
						04/28/95	78.8	--	T
						05/05/95	77.8	--	T
						05/12/95	75.8	--	T
						05/19/95	75.5	--	T
						05/26/95	75.0	--	T
						06/02/95	73.1	--	T
						06/12/95	72.9	--	T
						06/16/95	71.9	--	T
						06/23/95	71.7	--	T
						06/30/95	72.0	--	T
						07/07/95	72.1	--	T
						07/14/95	72.1	--	T
						07/21/95	71.9	--	T
						08/04/95	72.5	--	T
						08/11/95	72.6	--	T
						09/01/95	74.0	--	T
						09/08/95	74.3	--	T

GROUND-WATER LEVELS

EAGLE VALLEY GROUND WATER STUDY--Continued

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
104 N15 E19 13BDDB1	CARSON CITY	390958119475501	U	195.	4862.21	10/06/94	53.3	--	T
						10/21/94	54.0	--	T
						10/28/94	54.3	--	T
						11/04/94	54.6	--	T
						11/10/94	54.7	--	T
						11/28/94	55.2	--	T
						12/02/94	55.3	--	T
						12/09/94	55.6	--	T
						12/15/94	55.7	--	T
						12/22/94	55.8	--	T
						12/29/94	56.0	--	T
						01/06/95	56.1	--	T
						01/13/95	56.2	--	T
						01/20/95	56.3	--	T
						01/27/95	56.1	--	T
						02/03/95	55.9	--	T
						02/10/95	55.5	--	T
						02/17/95	55.2	--	T
						02/24/95	54.8	--	T
						03/03/95	54.4	--	T
						03/10/95	53.9	--	T
						03/17/95	52.9	--	T
						03/24/95	51.3	--	T
						03/31/95	49.3	--	T
						04/07/95	46.8	--	T
						04/14/95	44.8	--	T
						04/21/95	43.4	--	T
						04/28/95	42.5	--	T
						05/05/95	41.5	X	T
						05/12/95	41.2	X	T
						05/19/95	38.9	X	T
						05/26/95	37.9	X	T
						06/02/95	36.9	X	T
						06/12/95	35.8	X	T
						06/16/95	35.3	X	T
						06/23/95	34.4	--	T
						06/30/95	33.9	--	T
						07/07/95	33.3	X	T
						07/14/95	32.6	X	T
						07/21/95	32.0	--	T
						07/28/95	32.0	--	T
						08/04/95	32.2	--	T
						08/11/95	32.3	--	T
						09/01/95	33.5	--	T
						09/08/95	33.7	--	T
104 N15 E19 13CAAB1	KINGS-2 SHALLOW	390949119475501	U	104.	4887.83	10/06/94	54.3	--	T
						10/21/94	55.2	--	T
						10/28/94	55.5	--	T
						11/04/94	55.8	R	T
						11/10/94	56.0	--	T
						11/28/94	56.5	--	T
						12/02/94	56.5	--	T
						12/09/94	56.8	--	T
						12/15/94	56.9	--	T
						12/22/94	57.0	--	T
						12/29/94	57.1	--	T
						01/06/95	57.4	--	T
						01/13/95	57.5	X	T
						01/20/95	57.4	--	T
						01/24/95	57.2	--	T
						01/25/95	57.2	--	T
						01/27/95	57.1	--	T

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
104 N15 E19 13CAAB1	KINGS-2 SHALLOW	390949119475501	U	104.	4887.83	02/03/95	56.6	X	T
						02/10/95	55.9	X	T
						02/17/95	55.2	X	T
						02/24/95	54.2	X	T
						03/03/95	53.4	X	T
						03/10/95	52.4	X	T
						03/17/95	50.7	--	T
						03/24/95	48.4	--	T
						03/31/95	45.1	--	T
						04/07/95	41.3	--	T
						04/14/95	38.7	--	T
						04/21/95	37.0	--	T
						04/28/95	35.7	--	T
						05/05/95	34.2	X	T
						05/12/95	32.4	--	T
						05/19/95	31.2	--	T
						05/26/95	30.0	--	T
						06/02/95	28.8	--	T
						06/12/95	27.7	--	T
						06/16/95	27.1	--	T
						06/23/95	26.4	--	T
						06/30/95	25.5	--	T
						07/07/95	24.9	--	T
						07/14/95	23.6	X	T
						07/21/95	23.1	--	T
						07/28/95	23.2	--	T
						08/04/95	23.7	--	T
						08/11/95	23.7	--	T
						09/01/95	26.0	X	T
						09/08/95	26.3	X	T
104 N15 E19 13CAAB2	KINGS-2 DEEP	390949119475502	U	175.	4887.83	10/06/94	53.6	--	T
						10/21/94	54.5	--	T
						10/28/94	54.9	--	T
						11/02/94	55.2	--	T
						11/04/94	55.2	R	T
						11/10/94	55.4	--	T
						11/28/94	56.0	--	T
						12/02/94	56.1	--	T
						12/09/94	56.3	--	T
						12/15/94	56.5	--	T
						12/22/94	56.6	--	T
						12/29/94	56.8	--	T
						01/06/95	57.0	--	T
						01/13/95	57.2	X	T
						01/20/95	57.2	--	T
						01/24/95	57.1	--	T
						01/25/95	57.0	--	T
						01/27/95	57.0	--	T
						02/03/95	56.6	X	T
						02/10/95	56.1	X	T
						02/17/95	55.3	X	T
						02/24/95	54.3	X	T
						03/03/95	53.4	X	T
						03/10/95	52.3	X	T
						03/17/95	50.1	--	T
						03/24/95	47.8	--	T
						03/31/95	44.8	--	T
						04/07/95	41.3	--	T
						04/14/95	38.4	--	T
						04/21/95	36.8	--	T
						04/28/95	35.5	--	T
						05/05/95	33.9	X	T

EAGLE VALLEY GROUND WATER STUDY--Continued

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
104 N15 E19 13CAAB2	KINGS-2 DEEP	390949119475502	U	175.	4887.83	05/12/95	32.1	--	T
						05/19/95	30.9	X	T
						05/26/95	29.7	--	T
						06/02/95	28.5	--	T
						06/12/95	27.2	--	T
						06/16/95	26.5	--	T
						06/23/95	25.4	--	T
						06/30/95	24.7	--	T
						07/07/95	24.0	--	T
						07/14/95	22.9	--	T
						07/21/95	22.5	--	T
						07/28/95	22.7	--	T
						08/04/95	23.2	--	T
						08/11/95	23.2	--	T
						09/01/95	25.4	--	T
						09/08/95	25.7	--	T
104 N15 E19 13CADA1	KINGS-1 SHALLOW	390943119474801	U	108.	4889.12	10/05/94	59.9	--	T
						10/21/94	60.9	--	T
						10/28/94	61.2	--	T
						11/04/94	61.5	--	T
						11/08/94	61.6	--	T
						11/10/94	61.7	R	T
						11/28/94	62.3	--	T
						12/02/94	62.4	--	T
						12/09/94	62.6	--	T
						12/15/94	62.7	--	T
						12/22/94	62.8	--	T
						12/29/94	62.9	--	T
						01/06/95	63.1	--	T
						01/13/95	63.1	X	T
						01/20/95	62.2	E	T
						01/24/95	61.6	--	T
						01/25/95	61.5	--	T
						01/27/95	61.3	X	T
						02/03/95	60.0	E	T
						02/10/95	59.5	--	T
						02/17/95	59.4	--	T
						02/24/95	59.2	--	T
						03/03/95	58.9	--	T
						03/10/95	58.5	--	T
						03/17/95	57.7	--	T
						03/24/95	55.0	--	T
						03/31/95	50.4	--	T
						04/07/95	47.5	--	T
						04/14/95	45.9	--	T
						04/21/95	44.0	--	T
						04/28/95	42.3	--	T
						05/05/95	41.3	--	T
						05/12/95	40.7	--	T
						05/19/95	39.6	--	T
						05/26/95	37.8	--	T
						06/02/95	36.2	--	T
						06/12/95	35.2	--	T
						06/16/95	34.9	--	T
						06/23/95	34.3	--	T
						06/30/95	33.3	--	T
						07/07/95	32.9	--	T
						07/14/95	31.4	--	T
						07/21/95	31.4	--	T
						07/28/95	30.9	--	T
						08/04/95	31.0	--	T
						08/11/95	31.2	--	T
						09/01/95	34.0	--	T
						09/08/95	33.9	X	T

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
104 N15 E19 13CADA2	KINGS-1 DEEP	390943119474802	U	190.	4889.12	10/05/94	62.4	--	T
						10/21/94	63.3	--	T
						10/28/94	63.6	--	T
						11/04/94	63.9	--	T
						11/10/94	64.1	--	T
						11/28/94	64.7	--	T
						12/02/94	64.7	--	T
						12/09/94	64.8	--	T
						12/15/94	64.9	--	T
						12/22/94	65.0	--	T
						12/29/94	65.2	--	T
						01/06/95	65.4	--	T
						01/13/95	65.3	X	T
						01/20/95	64.0	--	T
						01/24/95	63.4	X	T
						01/25/95	63.2	X	T
						01/27/95	63.0	X	T
						02/03/95	61.9	E	T
						02/10/95	61.7	--	T
						02/17/95	61.7	--	T
						02/24/95	61.6	--	T
						03/03/95	61.3	--	T
						03/10/95	61.0	--	T
						03/17/95	60.0	--	T
						03/24/95	58.0	--	T
						03/31/95	54.2	--	T
						04/07/95	51.3	--	T
						04/14/95	49.7	--	T
						04/21/95	47.5	--	T
						04/28/95	45.8	--	T
						05/05/95	44.9	--	T
						05/12/95	44.4	--	T
						05/19/95	43.7	--	T
						05/26/95	41.7	--	T
						06/02/95	40.0	--	T
						06/12/95	39.1	--	T
						06/16/95	38.8	--	T
						06/23/95	38.2	--	T
						06/30/95	37.1	--	T
						07/07/95	36.9	--	T
						07/14/95	35.5	--	T
						07/21/95	35.5	--	T
						07/28/95	35.2	--	T
						08/04/95	35.3	--	T
						08/11/95	35.3	--	T
						09/01/95	37.9	--	T
						09/08/95	37.8	--	T
104 N15 E19 13CDAB1	BILY	390937119475601	H	200.	4943.4	10/06/94	49.6	--	T
						10/21/94	52.2	--	T
						10/28/94	51.8	--	T
						11/04/94	51.7	--	T
						11/28/94	48.1	--	T
						12/02/94	45.7	--	T
						12/09/94	44.5	--	T
						01/13/95	46.1	--	T
						01/20/95	45.2	--	T
						02/03/95	39.6	--	T
						02/10/95	41.6	--	T
						02/24/95	39.0	--	T
						03/03/95	41.0	--	T
						03/10/95	39.7	--	T
						03/10/95	38.7	--	T

GROUND-WATER LEVELS

EAGLE VALLEY GROUND WATER STUDY--Continued

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
104 N15 E19 13CDAB1	BILY	390937119475601	H	200.	4943.4	03/17/95	34.8	--	T
						03/24/95	35.9	--	T
						03/31/95	31.8	--	T
						04/07/95	31.8	--	T
						04/14/95	34.1	--	T
						04/21/95	34.6	--	T
						04/28/95	35.1	--	T
						05/05/95	35.3	--	T
						05/12/95	35.5	--	T
						05/19/95	34.2	--	T
						05/26/95	34.3	--	T
						06/02/95	35.9	--	T
						06/23/95	36.1	--	T
						06/30/95	46.0	--	T
						07/07/95	46.6	--	T
						07/14/95	46.9	--	T
						07/21/95	46.4	--	T
						07/28/95	40.7	--	T
						08/11/95	42.8	--	T
						09/01/95	42.0	--	T
						09/08/95	41.7	--	T

FALLON AREA

WATER USE: H, domestic; I, irrigation; S, stock; U, unused.
WATER-LEVEL STATUS: R, pumped recently; S, nearby site that was being pumped taps same aquifer; X, water-level affected by stage in nearby surface-water site.
WATER-LEVEL METHOD: S, steel tape.
The following sites are shown in figure 32.

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
101 N16 E28 01AAAA2	Pony Express PG-6	391705118465402	U	27.	3910.95	10/03/94	20.14	--	S
						10/17/94	20.23	--	S
						10/31/94	20.30	--	S
						11/18/94	20.30	--	S
						12/20/94	20.38	--	S
						01/09/95	20.34	--	S
						01/31/95	20.44	--	S
						02/21/95	20.48	--	S
						03/07/95	20.52	--	S
						04/06/95	20.58	--	S
						05/26/95	20.74	--	S
						06/09/95	20.78	--	S
						06/23/95	20.81	--	S
						07/03/95	20.80	--	S
						07/24/95	20.81	--	S
						08/10/95	20.82	--	S
						08/25/95	20.94	--	S
						09/08/95	21.03	--	S
						09/21/95	21.12	--	S
101 N16 E29 01ABBB1	USGS NP-32	391706118403801	U	30.	3907.	12/21/94	11.37	--	S
						04/11/95	11.81	--	S
						07/25/95	10.88	--	S
101 N16 E29 01DBAB1	USGS NP-31	391641118403501	U	39.	3910.	12/21/94	20.25	--	S
						04/11/95	20.23	--	S
						07/25/95	20.28	--	S
101 N16 E30 09CDAA1	NP-28	391532118371601	U	27.	3943.	12/21/94	21.77	--	S
						07/25/95	20.72	--	S
101 N17 E29 05BCAA1	Frey NP-25	392208118452701	U	21.	3927.67	12/02/94	8.38	--	S
						04/07/95	8.87	--	S
						07/24/95	6.71	--	S
101 N17 E29 12BBBB1	Past-1a	392132118411001	U	50.	3910.27	12/21/94	2.56	--	S
						04/11/95	1.75	--	S
						07/25/95	.42	X	S
101 N17 E29 12BBBB2	Past-1b	392132118411002	U	30.	3910.46	12/21/94	3.27	--	S
						04/11/95	2.54	--	S
						07/25/95	1.28	--	S
101 N17 E29 12BBBB3	Past-1c	392132118411003	U	19.	3910.12	12/21/94	2.50	--	S
						04/11/95	1.78	--	S
						07/25/95	.84	--	S
101 N17 E29 12BBBB4	Past-1d	392132118411004	U	15.	3910.16	12/21/94	2.71	--	S
						04/11/95	1.99	--	S
						07/25/95	.89	--	S
101 N17 E29 19DDCC1	USGS NP-36	391853118455801	U	23.	3908.	12/21/94	7.09	--	S
						04/11/95	7.14	--	S
101 N17 E29 27DADA1	USGS NP-33	391819118422401	U	48.	3906.	04/11/95	7.60	--	S
101 N17 E30 20CDCC1	USGS NP-37	391857118383801	U	24.	3913.	12/21/94	15.11	--	S
						04/11/95	14.65	--	S
						07/25/95	11.49	--	S
101 N18 E28 02BABB1	Winder NP-26	392735118484501	U	12.	3970.	12/02/94	8.22	--	S
						04/07/95	7.96	--	S
						07/24/95	6.43	--	S
101 N18 E28 08DACB1	Mills NP-7	392609118513401	H	29.	3972.	12/02/94	9.29	--	S
						04/07/95	9.52	--	S
						07/24/95	8.82	--	S

GROUND-WATER LEVELS

FALLON AREA--Continued

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
101 N18 E28 10CBBC1	NP-3	392615118500901	U	19.	3973.	10/03/94	9.55	--	S
						10/17/94	9.95	--	S
						10/31/94	10.26	--	S
						11/18/94	10.58	--	S
						12/02/94	10.80	--	S
						12/20/94	11.07	--	S
						01/09/95	11.32	--	S
						01/31/95	11.54	--	S
101 N18 E28 12ABAC1	USGS CDF-21	392642118470901	U	15.	3960.	10/03/94	8.35	--	S
						10/17/94	8.50	--	S
						10/31/94	8.65	--	S
						11/18/94	8.66	--	S
						12/02/94	8.68	--	S
						12/20/94	8.72	--	S
						01/09/95	8.76	--	S
						01/31/95	8.78	--	S
						02/21/95	8.80	--	S
						03/07/95	8.83	--	S
						04/06/95	8.93	--	S
						04/20/95	8.77	--	S
						05/05/95	8.26	--	S
						05/26/95	8.23	--	S
						06/09/95	8.23	--	S
						06/23/95	7.77	--	S
						07/03/95	7.07	--	S
						07/24/95	7.31	--	S
						08/10/95	7.31	--	S
						08/25/95	7.57	--	S
						09/08/95	7.44	--	S
						09/21/95	7.71	--	S
101 N18 E28 34ACAA1	Smith PG-3	392359118492501	U	10.	3947.03	10/07/94	4.00	--	S
						10/17/94	4.37	--	S
						10/31/94	4.61	--	S
						11/18/94	4.72	--	S
						12/02/94	4.74	--	S
						12/20/94	4.84	--	S
						01/09/95	4.86	--	S
						01/31/95	4.91	--	S
						02/21/95	4.94	--	S
						03/07/95	4.95	--	S
						04/06/95	5.06	--	S
						04/20/95	5.14	--	S
						05/05/95	5.07	--	S
						05/26/95	4.99	--	S
						06/09/95	4.21	X	S
						06/23/95	4.16	--	S
						07/03/95	3.24	--	S
						07/24/95	3.57	--	S
						08/10/95	3.19	--	S
						08/25/95	2.69	--	S
						09/08/95	3.76	--	S
						09/21/95	2.26	X	S
101 N18 E29 04CBBD1	Jones NP-14	392705118443001	S	19.	3945.	12/02/94	7.61	R	S
						04/07/95	5.34	X	S
						07/24/95	4.22	--	S
101 N18 E29 16BBCC1	Testolin NP-15	392540118443301	H	39.	3940.	12/02/94	5.70	--	S
						04/24/95	3.50	X	S
						05/07/95	6.11	--	S
101 N18 E29 16BBCD1	Testolin NP-15a	392540118442801	U	30.	3940.	12/02/94	7.67	--	S
						04/07/95	7.96	--	S
						07/24/95	5.24	X	S

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
101 N18 E29 18AADD1	Isbister NP-27	392540118454501	U	23.	3951.17	12/02/94	9.29	--	S
						04/07/95	9.72	--	S
						07/24/95	5.94	--	S
101 N18 E29 21BCCB1	USGS NP-1	392439118443401	S	30.	3934.	10/17/94	8.90	--	S
						11/18/94	9.20	--	S
						12/02/94	9.32	--	S
						12/20/94	9.40	--	S
						01/09/95	9.45	--	S
						02/21/95	9.53	--	S
						04/06/95	9.19	--	S
						05/05/95	7.56	X	S
						05/26/95	7.27	X	S
						06/09/95	7.01	X	S
						06/23/95	7.46	R	S
						07/03/95	6.55	X	S
						08/09/95	6.76	--	S
						08/25/95	6.73	--	S
						09/08/95	6.46	--	S
						09/21/95	7.14	--	S
101 N18 E29 27CDAD1	USGS CDR-18	392327118425401	U	13.	3920.	10/03/94	8.37	--	S
						10/17/94	8.45	--	S
						10/31/94	8.51	--	S
						11/18/94	8.53	--	S
						12/02/94	8.52	--	S
						12/20/94	8.57	--	S
						01/09/95	8.54	--	S
						01/31/95	8.58	--	S
						02/21/95	8.50	--	S
						03/07/95	8.47	--	S
						04/06/95	8.51	--	S
						04/20/95	8.24	--	S
						05/05/95	7.84	X	S
						05/20/95	7.29	--	S
						06/09/95	7.11	--	S
						06/23/95	6.47	--	S
						07/03/95	6.69	--	S
						07/24/95	7.22	--	S
						08/10/95	7.30	--	S
						08/25/95	6.69	--	S
						09/08/95	6.84	--	S
						09/21/95	7.02	--	S
101 N18 E29 30BCBD1	Miller 1 PG-4	392348118464401	U	29.	3942.16	10/03/94	3.95	--	S
						10/17/94	4.29	--	S
						10/31/94	4.51	--	S
						11/18/94	4.65	--	S
						12/02/94	4.76	--	S
						01/09/95	4.94	--	S
						01/31/95	5.01	--	S
						02/21/95	5.05	--	S
						03/07/95	5.09	--	S
						04/06/95	5.25	--	S
						04/20/95	5.32	--	S
						05/05/95	5.16	--	S
						05/26/95	4.72	--	S
						06/09/95	4.23	--	S
						06/23/95	4.17	--	S
						07/03/95	4.28	--	S
						07/24/95	3.69	--	S
						08/10/95	3.49	--	S
						08/25/95	2.35	--	S
						09/08/95	3.25	--	S
						09/21/95	3.04	--	S

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
101 N18 E29 30BDBA1	Mort CDP-17	392351118462601	H	24.	3940.	12/02/94	7.40	--	S
						04/07/95	7.71	--	S
						07/24/95	4.58	--	S
101 N18 E29 35ABCB1	Digiacomo NP-4	392309118414601	H	32.	3917.	12/21/94	8.73	S	S
						04/11/95	8.81	--	S
						07/25/95	7.07	--	S
101 N18 E30 07CDDC1	USGS NP-40	392558118393701	U	24.	3923.	12/21/94	8.82	--	S
						04/11/95	8.14	--	S
						07/25/95	6.71	--	S
101 N18 E30 09CDCC1	NP-30	392554118373001	U	111.	3931.	12/21/94	5.15	--	S
						04/11/95	5.14	--	S
						07/25/95	5.07	--	S
101 N18 E30 30ABBA1	USGS NP-39	392407118392301	U	24.	3925.	12/21/94	11.72	--	S
						04/11/95	11.39	--	S
						07/25/95	11.08	--	S
101 N18 E30 30DDDC1	USGS NP-38	392316118390001	U	30.	3926.	12/21/94	9.99	--	S
						04/11/95	9.91	--	S
						07/25/95	9.16	--	S
101 N19 E27 08CCCB1	Helm NP-17	393108118590801	H	69.	4081.	12/02/94	58.86	R	S
						04/07/95	60.38	--	S
						07/24/95	59.97	--	S
101 N19 E27 09CCCC1	U.S. Fish And Wildlife NP-21	393106118580301	U	21.	4019.	10/03/94	9.90	--	S
						10/17/94	9.74	--	S
						10/31/94	9.62	--	S
						11/18/94	9.45	--	S
						12/02/94	9.36	--	S
						12/20/94	9.25	--	S
						01/09/95	9.16	--	S
						01/31/95	9.10	--	S
						02/21/95	9.03	--	S
						03/07/95	9.02	--	S
						04/06/95	9.07	--	S
						04/20/95	9.10	--	S
						05/05/95	9.19	--	S
						05/26/95	8.97	--	S
						06/09/95	9.16	--	S
						06/23/95	9.28	--	S
						07/03/95	9.46	--	S
						07/24/95	9 86	--	S
						08/10/95	10.11	--	S
						08/25/95	10.30	--	S
						09/08/95	10.39	--	S
						09/21/95	10.46	--	S
101 N19 E27 11DCAC1	USBOR-2	393120118545501	U	24.	4020.56	12/02/94	20.60	--	S
						07/24/95	14.89	--	S
101 N19 E27 13CCB 1	USGS CDAH-6a	393023118544101	U	143.	4013.58	10/03/94	25.00	--	S
						10/17/94	25.05	--	S
						10/31/94	25.00	--	S
						11/18/94	24.79	--	S
						12/02/94	24.67	--	S
						12/20/94	24.62	--	S
						01/09/95	24.58	--	S
						01/31/95	24.65	--	S
						02/21/95	24.73	--	S
						03/07/95	24.75	--	S
						04/06/95	25.20	--	S
						04/20/95	25.29	--	S
						05/05/95	25.47	--	S
						05/26/95	25.25	--	S
						06/09/95	24.77	--	S
						06/23/95	24.45	--	S
						07/03/95	24.51	--	S
						07/24/95	24.44	--	S

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
101 N19 E27 13CCB 1	USGS CDAH-6a	393023118544101	U	143.	4013.58	08/10/95	24.62	--	S
						08/25/95	24.71	--	S
						09/08/95	24.71	--	S
						09/21/95	24.79	--	S
101 N19 E27 13CCBB3	Tedford NP-22	393023118544103	U	28.	4013.6	10/03/94	9.04	--	S
						10/17/94	9.45	--	S
						10/31/94	9.88	--	S
						11/18/94	10.35	--	S
						12/02/94	10.74	--	S
						12/20/94	11.20	--	S
						01/09/95	11.65	--	S
						01/31/95	12.12	--	S
						02/21/95	12.47	--	S
						03/07/95	12.71	--	S
						04/06/95	13.16	--	S
						04/20/95	13.05	--	S
						05/05/95	11.97	X	S
						05/26/95	11.76	--	S
						06/09/95	9.99	X	S
						06/23/95	9.44	--	S
						07/03/95	9.07	X	S
						07/24/95	8.52	X	S
						08/10/95	8.21	--	S
						08/25/95	8.16	--	S
						09/08/95	8.24	--	S
						09/21/95	8.41	--	S
101 N19 E27 15ADDA1	USBOR-1	393043118555101	U	21.	4021.73	12/02/94	17.45	--	S
						07/24/95	9.08	--	S
101 N19 E27 21ADAB1	Harriman NP-8	392959118570201	H	59.	4021.	12/07/94	18.22	--	S
						04/07/95	19.64	--	S
						07/24/95	13.15	--	S
101 N19 E27 22DBAB1	Frey NP-24	392948118561101	U	13.	4022.	12/21/94	9.22	--	S
						04/07/95	11.24	--	S
						07/24/95	8.15	X	S
101 N19 E27 29BBCC1	Niebuhr NP-11	392911118591001	U	103.	4052.91	12/02/94	42.98	--	S
101 N19 E27 29CBBC1	Dear NP-9	392848118591001	H	160.	4083.	12/02/94	77.05	--	S
101 N19 E27 36DDCD1	Sheckler	392828118534901	U	26.	3998.	10/03/94	16.39	--	S
						10/17/94	16.33	--	S
						10/31/94	16.34	--	S
						11/18/94	16.25	--	S
						12/02/94	16.21	--	S
						12/20/94	16.20	--	S
						01/09/95	16.12	--	S
						01/31/95	16.16	--	S
						02/21/95	16.14	--	S
						03/07/95	16.10	--	S
						04/06/95	16.10	--	S
						04/20/95	16.09	--	S
						05/05/95	16.10	--	S
						05/26/95	16.06	--	S
						06/09/95	15.99	--	S
						06/23/95	15.91	--	S
						07/03/95	15.80	--	S
						07/24/95	15.62	--	S
						08/10/95	15.48	--	S
						08/25/95	15.43	--	S
						09/08/95	15.38	--	S
						09/21/95	15.34	--	S
101 N19 E28 07BCBB1	USBOR-3	393142118533201	U	26.	4015.22	12/02/94	21.15	--	S
						04/07/95	21.16	--	S
						07/24/95	20.65	--	S

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
101 N19 E28 11ABB 1	USGS CDAH-63a	393155118483001	U	97.	3982.11	12/02/94	28.57	--	S
						04/11/95	28.35	--	S
						07/24/95	27.95	--	S
101 N19 E28 11ABB 2	USGS CDAH-63b	393155118483002	U	35.	3982.11	04/11/95	31.06	--	S
						07/24/95	31.02	--	S
101 N19 E28 17DAAC1	USGS CDR-24	393038118512201	U	14.	4001.52	10/03/94	9.13	--	S
						10/17/94	9.51	--	S
						10/31/94	9.81	--	S
						11/18/94	10.08	--	S
						12/02/94	10.22	--	S
						12/20/94	10.45	--	S
						01/09/95	10.66	--	S
						01/31/95	10.91	--	S
						02/21/95	11.07	--	S
						03/07/95	11.20	--	S
						04/06/95	11.52	--	S
						04/20/95	11.51	--	S
						05/05/95	11.11	--	S
						05/26/95	10.18	--	S
						06/09/95	9.74	--	S
						06/23/95	8.54	--	S
						07/03/95	8.37	--	S
						07/24/95	7.67	--	S
						08/10/95	7.84	--	S
						08/25/95	7.54	--	S
						09/08/95	7.33	--	S
						09/21/95	7.50	--	S
101 N19 E28 19CCCB1	USGS CDR-23	392926118533001	U	18.	4000.	10/03/94	7.13	--	S
						10/17/94	7.23	--	S
						10/31/94	7.31	--	S
						11/18/94	7.35	--	S
						12/02/94	7.39	--	S
						12/20/94	7.50	--	S
						01/09/95	7.58	--	S
						01/31/95	7.71	--	S
						02/21/95	7.80	--	S
						03/07/95	7.88	--	S
						04/06/95	8.05	--	S
						04/20/95	8.11	--	S
						05/05/95	7.96	--	S
						05/26/95	7.58	--	S
						06/09/95	7.03	--	S
						06/23/95	6.69	--	S
						07/03/95	6.39	--	S
						07/24/95	6.32	--	S
						08/10/95	6.12	--	S
						08/25/95	5.97	--	S
						09/08/95	6.15	--	S
						09/21/95	6.27	--	S
101 N19 E28 21BBCA1	Gabiola CDP-7	393004118511301	H		3998.82	12/02/94	13.17	--	S
						04/07/95	13.84	--	S
						07/24/95	12.92	--	S
101 N19 E28 23DCDB1	Killfoil CDP-21	392925118482001	H	30.	3975.	10/03/94	13.48	--	S
						10/17/94	13.85	--	S
						10/31/94	14.13	--	S
						11/18/94	14.34	--	S
						12/02/94	14.46	--	S
						12/20/94	14.58	--	S
						01/09/95	14.68	--	S
						01/31/95	14.79	--	S
						02/21/95	14.81	--	S
						04/06/95	14.94	--	S

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
101 N19 E28 23DCDB1	Killfoil CDP-21	392925118482001	H	30.	3975.	04/20/95	14.93	--	S
						05/05/95	14.82	--	S
						05/26/95	14.34	--	S
						07/03/95	13.43	--	S
						07/24/95	12.15	--	S
						08/10/95	12.01	--	S
						08/25/95	12.78	--	S
						09/21/95	13.29	--	S
101 N19 E28 32BAAB1	USGS CDR-25	392829118520001	U	13.	3996.	12/02/94	9.11	--	S
						07/24/95	7.07	--	S
101 N19 E28 32CDAB1	USGS CDR-20	392748118515701	U	13.	3980.	10/03/94	6.07	--	S
						10/17/94	6.32	--	S
						10/31/94	6.49	--	S
						11/18/94	6.62	--	S
						12/02/94	6.69	--	S
						12/20/94	6.81	--	S
						01/09/95	6.93	--	S
						01/31/95	7.03	--	S
						02/21/95	7.13	--	S
						03/07/95	7.20	--	S
						04/06/95	7.47	--	S
						04/20/95	6.90	--	S
						05/26/95	5.89	--	S
						06/09/95	5.38	--	S
						06/23/95	5.07	--	S
						07/03/95	2.14	X	S
						07/24/95	4.48	--	S
						08/10/95	4.93	--	S
						08/25/95	4.80	--	S
						09/08/95	4.43	--	S
						09/21/95	3.68	--	S
101 N19 E28 34BCAA1	USGS CDR-19a	392817118495501	U	13.	3980.	12/02/94	5.48	--	S
						04/07/95	6.07	--	S
						07/24/95	3.65	--	S
101 N19 E29 02BABB1	Peraldo NP-23	393252118415901	I	21.	3927.38	12/01/94	9.46	--	S
						04/10/95	10.65	X	S
						07/25/95	7.30	--	S
101 N19 E29 18DCBB1	Kennametal 1 PG-8	393026118461401	U	10.	3957.69	10/03/94	7.77	--	S
						10/17/94	7.94	--	S
						10/31/94	8.09	--	S
						11/18/94	8.09	--	S
						12/02/94	8.19	--	S
						12/20/94	8.33	--	S
						01/09/95	8.36	--	S
						01/31/95	8.47	--	S
						02/21/95	8.29	--	S
						03/07/95	8.41	--	S
						04/06/95	8.56	--	S
						04/20/95	8.56	--	S
						05/05/95	7.78	--	S
						05/26/95	7.52	--	S
						06/09/95	7.14	--	S
						06/23/95	7.16	--	S
						07/03/95	7.26	--	S
						07/24/95	7.36	--	S
						08/10/95	7.52	--	S
						08/25/95	7.53	--	S
						09/08/95	7.46	--	S
						09/21/95	7.21	--	S

GROUND-WATER LEVELS

FALLON AREA--Continued

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
101 N19 E29 18DCBB3	Kennametal 2 PG-9	393026118461403	U	62.	3957.59	10/03/94	12.89	--	S
						10/17/94	12.86	--	S
						10/31/94	12.82	--	S
						11/18/94	12.69	--	S
						12/02/94	12.58	--	S
						12/20/94	12.48	--	S
						01/09/95	12.34	--	S
						01/31/95	12.25	--	S
						02/21/95	12.18	--	S
						03/07/95	12.15	--	S
						04/06/95	12.17	--	S
						04/20/95	12.25	--	S
						05/05/95	12.27	--	S
						05/26/95	12.13	--	S
						06/09/95	12.04	--	S
						06/23/95	11.94	--	S
						07/03/95	11.90	--	S
						07/24/95	11.87	--	S
						08/10/95	11.98	--	S
						08/20/95	12.10	--	S
						09/08/95	12.18	--	S
						09/27/95	12.21	--	S
101 N19 E29 23CCDC1	USBOR-4(S7 Lateral Well 1)	392924118420901	I	19.	3937.	12/01/94	8.40	--	S
						04/10/95	8.56	--	S
						07/25/95	6.37	--	S
101 N19 E29 24ABDD1	Barrenchea CDR-26	393003118402001	U	12.	3920.	12/02/94	5.87	--	S
						04/10/95	5.17	--	S
101 N19 E29 28CCCC1	NP-12	392831118443201	I	26.	3950.25	12/01/94	8.09	--	S
						04/10/95	9.35	--	S
						07/25/95	5.38	--	S
101 N19 E29 30CBAD3	Fallon B PG-10	392850118463502	U	12.	3959.90	10/03/94	5.95	--	S
						10/17/94	5.96	--	S
						10/31/94	5.99	--	S
						11/18/94	5.87	--	S
						12/02/94	5.87	--	S
						12/20/94	6.01	--	S
						01/09/95	5.99	--	S
						01/31/95	6.03	--	S
						02/21/95	5.85	--	S
						03/07/95	5.92	--	S
						04/06/95	6.07	--	S
						04/20/95	6.07	--	S
						05/05/95	5.31	--	S
						05/26/95	5.44	--	S
						06/09/95	5.48	--	S
						06/23/95	5.34	--	S
						07/03/95	5.38	--	S
						07/24/95	5.48	--	S
						08/10/95	5.01	--	S
						08/25/95	5.47	--	S
						09/08/95	5.46	--	S
						09/21/95	5.39	--	S
101 N19 E29 32BCBB1	Woolverton NP-18	392816118453901	H	21.	3955.	12/02/94	8.81	--	S
101 N19 E29 33ABAC1	NP-29	392825118435501	U	28.	3949.02	12/02/94	9.98	--	S
101 N19 E29 33DBCB1	Williams NP-13	392755118440001	H	35.	3944.42	04/10/95	6.62	--	S
						07/25/95	4.05	--	S
101 N19 E29 35DAA 1	USGS - Bauman	392759118411601	U	10.	3935.59	12/01/94	7.83	--	S
						04/10/95	8.14	--	S
						07/25/95	6.80	--	S
101 N19 E30 04BBBC1	FT-4	393248118374901	U	15.	3900.23	12/01/94	8.84	--	S
						04/10/95	8.37	--	S
						07/25/95	7.46	--	S

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
101 N19 E30 08BAAA1	FT-1	393200118382601	U	9.	3907.	12/01/94	3.64	--	S
						04/10/95	3.30	--	S
						07/25/95	2.64	--	S
101 N19 E30 10CDDA1	FT-39(OW-27)	393114118361001	U	15.	3904.	12/01/94	5.76	--	S
						04/10/95	5.53	--	S
						07/25/95	4.83	--	S
101 N19 E30 10CDDD1	FT-2	393110118361001	U	8.	3904.	12/01/94	7.01	--	S
						04/10/95	6.08	--	S
						07/25/95	5.72	--	S
101 N19 E30 13ACAA1	USGS CDR-29	393052118333501	U	12.	3900.	10/03/94	4.90	--	S
						10/17/94	5.42	--	S
						10/31/94	5.77	--	S
						11/18/94	6.00	--	S
						12/02/94	6.12	--	S
						12/20/94	6.35	--	S
						01/09/95	5.51	--	S
						01/31/95	6.72	--	S
						02/21/95	6.80	--	S
						03/07/95	6.88	--	S
						04/06/95	7.13	--	S
						04/20/95	7.05	--	S
						05/05/95	4.52	X	S
						05/26/95	3.38	X	S
						06/09/95	3.60	--	S
						06/23/95	3.67	--	S
						07/03/95	2.25	X	S
						07/25/95	2.20	--	S
						08/10/95	3.24	--	S
						08/25/95	3.31	--	S
						09/08/95	3.09	--	S
						09/21/95	3.45	--	S
101 N19 E30 20DCCC1	Indian Agency PG-7	392924118382101	U	10.	3918.08	10/03/94	7.63	--	S
						10/17/94	7.59	--	S
						10/31/94	7.58	--	S
						11/18/94	7.56	--	S
						12/02/94	7.52	--	S
						12/20/94	7.53	--	S
						01/09/95	7.38	--	S
						01/31/95	7.45	--	S
						02/21/95	7.33	--	S
						03/07/95	7.25	--	S
						04/06/95	7.17	--	S
						04/20/95	7.15	--	S
						05/05/95	7.08	--	S
						05/26/95	6.72	--	S
						06/09/95	6.64	--	S
						06/23/95	6.56	--	S
						07/03/95	6.51	--	S
						07/25/95	6.59	--	S
						08/10/95	6.72	--	S
						08/25/95	6.84	--	S
						09/08/95	6.90	--	S
						09/21/95	6.94	--	S
101 N19 E30 23DBDD1	Ernst	392938118345301	U	15.	3909.	10/03/94	3.93	--	S
						10/17/94	4.07	--	S
						10/31/94	4.25	--	S
						11/18/94	4.67	--	S
						12/02/94	4.95	--	S
						12/20/94	5.42	--	S
						01/09/95	5.73	--	S
						01/31/95	6.08	--	S
						02/21/95	6.17	--	S

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
101 N19 E30 23DBDD1	Ernst	392938118345301	U	15.	3909.	03/07/95	6.28	--	S
						04/06/95	6.61	--	S
						05/05/95	5.30	X	S
						05/26/95	4.65	X	S
						06/09/95	4.65	--	S
						06/25/95	4.80	--	S
						07/03/95	4.57	--	S
						08/25/95	3.24	--	S
						09/08/95	3.52	--	S
101 N19 E30 23DBDD2	NP-0	392938118344301	U	11.	3908.79	10/03/94	4.21	--	S
						10/17/94	4.35	--	S
						10/31/94	4.55	--	S
						11/18/94	4.93	--	S
						12/02/94	5.22	--	S
						12/20/94	5.69	--	S
						01/09/95	6.01	--	S
						01/31/95	6.33	--	S
						02/21/95	6.44	--	S
						03/07/95	6.55	--	S
						04/06/95	6.89	--	S
						04/20/95	6.34	--	S
						05/05/95	5.53	X	S
						05/26/95	4.90	X	S
						06/09/95	4.92	--	S
						06/23/95	5.04	--	S
						07/03/95	4.83	--	S
						08/25/95	3.52	--	S
						09/08/95	3.80	--	S
101 N19 E30 31BBAD1	USGS CDR-22	392825118395001	U	11.	3930.	10/03/94	4.49	--	S
						10/17/94	4.72	--	S
						10/31/94	4.88	--	S
						11/18/94	4.94	--	S
						12/02/94	4.94	--	S
						12/20/94	5.06	--	S
						01/09/95	5.00	--	S
						01/31/95	5.05	--	S
						02/21/95	4.77	--	S
						03/07/95	4.81	--	S
101 N19 E30 33ABAB1	USGS HL-AH-2a	392828118370701	U	30.	3917.13	07/25/95	.46	--	S
101 N19 E30 33ABAB2	USGS HL-AH-2	392828118370702	U	18.	3917.36	12/01/94	9.80	--	S
						04/10/95	9.20	--	S
						07/25/95	8.70	--	S
101 N19 E30 33ADD 1	HL-AH-7	392758118365101	U	11.	3914.84	12/01/94	9.17	--	S
						07/25/95	7.46	--	S
101 N19 E30 34BAA 1	HL-AH-6a	392828118361201	U	25.	3914.19	10/03/94	9.55	--	S
						10/17/94	9.58	--	S
						10/31/94	9.61	--	S
						11/18/94	9.64	--	S
						12/02/94	9.61	--	S
						12/20/94	9.66	--	S
						01/09/95	9.64	--	S
						01/31/95	9.64	--	S
						02/21/95	9.53	--	S
						03/07/95	[illegible]	--	S
						04/06/95	9.17	--	S
						04/20/95	9.09	--	S
						05/26/95	8.56	X	S
						06/09/95	8.23	X	S
						06/23/95	8.02	--	S
						07/03/95	7.90	--	S
						07/25/95	7.76	--	S
						08/10/95	7.79	--	S

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
101 N19 E30 34BAA 1	HL-AH-6a	392828118361201	U	25.	3914.19	08/25/95	7.87	--	S
						09/08/95	7.96	--	S
						09/21/95	8.06	--	S
101 N19 E30 34BAA 2	HL-AH-6b	392828118361202	U	13.	3914.18	10/03/94	9.52	--	S
						10/17/94	9.55	--	S
						10/31/94	9.58	--	S
						11/18/94	9.61	--	S
						12/02/94	9.57	--	S
						12/20/94	9.63	--	S
						01/09/95	9.61	--	S
						01/31/95	9.61	--	S
						02/21/95	9.49	--	S
						03/07/95	9.40	--	S
						04/06/95	9.15	--	S
						04/20/95	9.07	--	S
						05/26/95	8.53	X	S
						06/09/95	8.21	X	S
						06/23/95	7.99	--	S
						07/03/95	7.88	--	S
						07/25/95	7.73	--	S
						08/10/95	7.76	--	S
						08/25/95	7.85	--	S
						09/08/95	7.92	--	S
						09/21/95	8.02	--	S
101 N19 E31 11AACA1	Fourmile Point Well	393153118275301	S	81.	3940.	12/01/94	41.15	--	S
						04/10/95	41.18	--	S
101 N19 E31 16BBDB1	USGS NP-42	393106118305301	U	25.	3897.	12/01/94	7.87	--	S
						04/10/95	6.11	--	S
						07/25/95	4.68	--	S
101 N19 E31 16BCAA1	USGS NP-41	393056118304901	U	30.	3903.	12/01/94	9.48	--	S
						04/10/95	9.12	--	S
101 N20 E28 21DDDC1	USGS CDAH-35a	393442118501801	U	67.	3956.68	12/02/94	4.38	--	S
						04/07/95	4.03	--	S
						07/24/95	3.98	--	S
101 N20 E28 21DDDC2	USGS CDAH-35b	393442118501802	U	9.	3956.68	12/02/94	5.34	--	S
						04/07/95	4.90	--	S
						07/24/95	4.85	--	S
101 N20 E28 22BCA 1	USGS CDAH-2a	393515118495601	U	87.	3974.36	12/02/94	30.74	--	S
						04/07/95	30.40	--	S
						07/24/95	30.35	--	S
101 N20 E28 22BCA 2	USGS CDAH-2b	393515118495602	U	35.	3974.36	12/02/94	31.37	--	S
						04/07/95	31.21	--	S
						07/24/95	31.10	--	S
101 N20 E28 24BDD 1	USGS CDAH-9a	393506118473001	U	131.	3962.50	12/02/94	29.22	--	S
						04/11/95	28.76	--	S
						07/24/95	28.60	--	S
101 N20 E28 24BDD 2	USGS CDAH-9b	393506118473002	U	33.	3962.50	12/02/94	29.79	--	S
						04/11/95	29.68	--	S
101 N20 E28 32AAD 1	USGS CDAH-17a	393335118512701	U	32.	3977.04	12/02/94	8.93	--	S
						04/07/95	8.54	--	S
						07/24/95	8.25	--	S
101 N20 E28 32AADA2	USGS CDAH-17b	393335118512702	U	22.	3977.04	04/07/95	8.36	--	S
						07/24/95	8.04	--	S
101 N20 E28 32CAD 1	USGS CDAH-8a	393309118515901	U	128.	3990.37	12/02/94	18.73	--	S
						04/07/95	18.49	--	S
						07/24/95	18.35	--	S
101 N20 E29 08BDC 2	USGS CDAH-50b	393650118452502	U	9.	3907.22	04/11/95	4.62	--	S
						07/24/95	4.09	--	S
101 N20 E29 22CBAC1	USGS CDR-30	393458118431101	U	12.	3914.02	10/03/94	5.84	--	S
						10/17/94	6.17	--	S
						10/31/94	6.40	--	S
						11/18/94	6.60	--	S

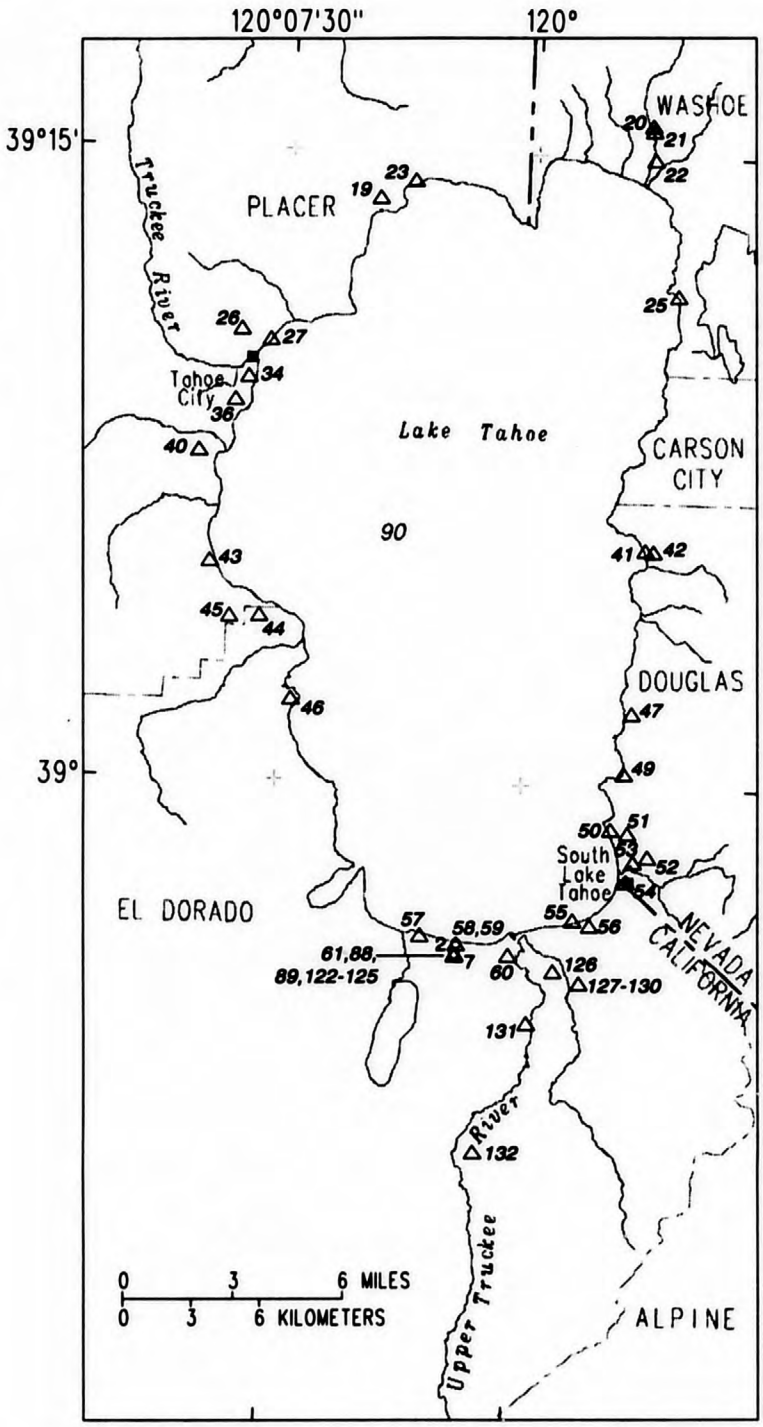
GROUND-WATER LEVELS

FALLON AREA--Continued

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
101 N20 E29 22CBAC1	USGS CDR-30	393458118431101	U	12.	3914.02	12/20/94	6.82	--	S
						01/09/95	6.85	--	S
						01/31/95	6.95	--	S
						02/21/95	6.89	--	S
						03/07/95	6.90	--	S
						04/06/95	6.94	--	S
						04/20/95	6.98	--	S
						05/26/95	7.02	--	S
						06/09/95	7.21	--	S
						06/23/95	7.34	--	S
						07/03/95	7.35	--	S
						07/25/95	7.91	--	S
						08/10/95	8.26	--	S
						08/25/95	8.51	--	S
						09/08/95	8.68	--	S
						09/21/95	8.81	--	S
101 N20 E30 33CBCC1	FT-5	393308118374901	U	17.	3903.56	12/01/94	15.20	--	S
						04/10/95	15.20	--	S
						07/25/95	14.43	--	S
101 N20 E30 35DBDD1	Fallon Tribe NP-19	393309118344701	U	27.	3891.	12/01/94	8.85	--	S
						04/10/95	8.76	--	S
101 N20 E31 07BDCA1	Lead Lake Well No.1 LLAH-1	393651118325701	U	20.	3884.82	12/01/94	13.57	--	S
						04/10/95	13.22	--	S
						07/25/95	11.67	--	S
101 N20 E31 07CAAB1	Lead Lake Well No.2 LLAH-2	393648118325101	U	18.	3882.20	12/01/94	10.92	--	S
						04/10/95	10.60	--	S
						07/25/95	8.59	--	S
101 N20 E31 07DBBC1	Lead Lake Well No.3 LLAH-3	393645118324201	U	12.	3878.18	12/01/94	9.62	--	S
						04/10/95	9.21	--	S
						07/25/95	6.35	--	S
101 N20 E31 10ABCB1	Lead Lake Well No.6 LLAH-6	393705118292401	U	16.	3879.12	12/01/94	15.89	--	S
						04/10/95	16.21	--	S
						07/25/95	14.58	--	S
101 N20 E31 33CACB3	U.S. Fish And Wildlife NP-20	393311118304703	U	28.	3890.44	12/01/94	4.80	--	S
						04/10/95	4.21	--	S
						07/25/95	1.99	X	S
101 N20 E32 33BBBD1	Shirttail Well	393341118241401	S		3936.	12/01/94	39.71	--	S
101 N21 E28 24BBA 1	USGS CDAH-10a	394046118472601	U	109.	3903.36	12/21/94	8.60	--	S
						04/11/95	8.25	--	S
						07/24/95	7.88	--	S
101 N21 E28 24BBA 3	USGS CDAH-10c	394046118472603	U	13.	3903.36	12/21/94	9.54	--	S
						04/11/95	9.49	--	S
						07/24/95	9.36	--	S
101 N21 E28 25ADD 1	USGS CDDH-59a	393854118463801	U	150.	3913.97	12/21/94	14.29	--	S
						04/11/95	13.79	--	S
						07/24/95	13.29	--	S
101 N21 E28 25ADDC3	USGS CDAH-59c	393854118463803	U	15.	3913.97	07/24/95	13.95	--	S

LOCATION OF GROUND-WATER QUALITY SAMPLING SITES (figure 36)

Site number	Local number	Latitude	Longitude	Site identification
19	90 N16 E17 15CCAA1	39°13'55"	120°04'52"	391552120045101
20	90 N16 E18 10DDC 1	39°15'33"	119°56'30"	391533119563001
21	90 N16 E18 15AAB 1	39°15'25"	119°56'31"	391525119563101
22	90 N16 E18 15DBD 1	39°14'56"	119°56'30"	391456119563001
23	90 N16 E17 14BBCB1	39°14'25"	120°03'53"	391425120035301
25	90 N15 E18 02BBDA1	39°11'58"	119°55'50"	391158119555001
26	90 N15 E17 06BCC 1	39°10'38"	120°09'00"	391038120090001
27	90 N15 E17 05ABBC1	39°10'31"	120°07'59"	391031120075901
34	90 N15 E17 07CADB1	39°09'35"	120°08'40"	390935120084001
36	90 N15 E17 18BCB 1	39°09'02"	120°09'03"	390902120090301
40	90 N15 E16 24CBCD1	39°07'48"	120°10'07"	390748120100701
41	90 N14 E18 10ABD 1	39°05'41"	119°56'25"	390541119562501
42	90 N14 E18 10ADA 1	39°05'39"	119°56'10"	390539119561001
43	90 N14 E16 01CADD1	39°05'10"	120°09'41"	390510120094101
44	90 N14 E17 18AADB1	39°03'54"	120°08'07"	390354120080701
45	90 N14 E17 18BBCA1	39°03'52"	120°09'02"	390352120090201
46	90 N14 E17 29ADC 1	39°01'57"	120°07'05"	390157120070501
47	90 N14 E18 34CDD 1	39°01'48"	119°56'41"	390148119564101
49	90 N13 E18 10BDBD1	39°00'22"	119°56'52"	390022119565201
50	90 N13 E18 16CCC 1	38°59'02"	119°57'13"	385902119571301
51	90 N13 E18 22BAA 1	38°58'57"	119°56'42"	385857119564201
52	90 N13 E18 23CBB 1	38°58'24"	119°56'04"	385824119550401
53	90 N13 E18 22DCA 1	38°58'16"	119°56'30"	385816119563001
54	90 N13 E18 27BDA 1	38°57'48"	119°56'42"	385742119565701
55	90 N12 E18 03ABA 1	38°56'51"	119°58'17"	385651119581701
56	90 N13 E18 33CAD 1	38°56'44"	119°57'46"	385644119574601
57	90 N13 E17 26DDBA1	38°56'27"	120°03'44"	385627120034401
58	90 N13 E18 06ABBC2	38°56'13"	120°01'48"	385613120014802
59	90 N13 E18 06ABBC1	38°56'13"	120°01'48"	385613120014801
60	90 N12 E18 05AADD1	38°55'59"	120°00'13"	385559120001301
61	90 N13 E18 06ABCC2	38°55'58"	120°01'50"	385558120015002
88	90 N13 E18 06ABCC1	38°55'58"	120°01'50"	385558120015001
89	90 N13 E18 06ACCB4	38°55'58"	120°01'51"	385558120015101
122	90 N13 E18 06ACBB5	38°55'58"	120°01'51"	385558120015102
123	90 N13 E18 06ACCB3	38°55'57"	120°01'51"	385557120015103
124	90 N13 E18 06ACCB2	38°55'57"	120°01'51"	385557120015102
125	90 N13 E18 06ACCB1	38°55'57"	120°01'51"	385557120015101
126	90 N12 E18 03BCC 1	38°55'38"	119°58'50"	385538119585001
127	90 N12 E18 03DAAB4	38°55'22"	119°58'02"	385522119580204
128	90 N12 E18 03DAAB3	38°55'22"	119°58'02"	385522119580203
129	90 N12 E18 03DAAB2	38°55'22"	119°58'02"	385522119580202
130	90 N12 E18 03DAAB1	38°55'22"	119°58'02"	385522119580201
131	90 N12 E18 09ABC 1	38°54'23"	119°59'36"	385423119593601
132	90 N12 E18 29CBD 1	38°51'18"	120°01'06"	385118120010601



EXPLANATION

89△ **Active ground-water quality site**--Sampling-site number refers to accompaning table.

2○ **Secondary observation well**--Water level generally measured one to four times per year. Number indicates more than one well at site

90 **Number refers to valley number**--See figure 29

Figure 36. Selected observation wells and ground-water quality sites, Lake Tahoe basin.

QUALITY OF GROUND WATER

LAKE TAHOE BASIN

Water-quality measurements in the following table were made during a ground-water study throughout the Lake Tahoe Basin. Samples were analyzed by the University of California, Davis. The following sites are shown in figure 36.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	LOCAL WELL NUMBER	DATE	TIME	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)
385118120010601	90 N12 E18 29CBD 1	06-23-95	0850	6340	--	268.00	--	160
385423119593601	90 N12 E18 09ABC 1	06-23-95	0815	6240	--	380.00	--	109
385522119580201	90 N12 E18 03DAAB1	09-06-95	1400	6260	57.72	335.00	--	107
385522119580204	90 N12 E18 03DAAB4	08-29-95	1530	6260	--	135.00	--	110
385538119585001	90 N12 E18 03BCC 1	06-21-95	1700	6260	--	--	--	198
385557120015102	90 N13 E18 06ACCB2	09-20-95	1420	6240	7.61	15.25	--	269
385557120015103	90 N13 E18 06ACCB3	09-20-95	1145	6240	7.55	15.25	--	539
385558120015001	90 N13 E18 06ABCC1	09-05-95	1430	6235	0.13	10.28	--	271
385558120015002	90 N13 E18 06ABCC2	09-19-95	1315	6235	--	7.15	--	267
385558120015101	90 N13 E18 06ACCB4	09-01-95	1150	6235	3.02	22.28	--	212
385558120015102	90 N13 E18 06ACBB5	09-01-95	1430	6235	1.87	8.40	--	180
385559120001301	90 N12 E18 05AADD1	06-22-95	1500	6230	--	318.00	--	107
385613120014801	90 N13 E18 06ABBC1	08-31-95	1200	6235	3.88	20.45	--	150
385613120014802	90 N13 E18 06ABBC2	08-31-95	1400	6235	4.00	10.30	--	120
385627120034401	90 N13 E17 26DDBA1	06-23-95	1130	6235	--	100.00	--	121
385644119574601	90 N13 E18 33CAD 1	06-21-95	1745	6235	--	76.00	--	221
385651119581701	90 N12 E18 03ABA 1	06-28-95	1020	6260	--	125.00	--	96
385742119565701	90 N13 E18 27BDA 1	06-20-95	1650	6245	10.11	23.00	--	460
385816119563001	90 N13 E18 22DCA 1	06-23-95	1530	6260	7.81	24.00	--	132
385824119550401	90 N13 E18 23CBB 1	06-20-95	1730	6335	--	--	0.63	157
385857119564201	90 N13 E18 22BAA 1	06-20-95	1520	6275	--	200.00	--	318
385902119571301	90 N13 E18 16CCC 1	06-22-95	1110	6235	--	58.00	--	166
390022119565201	90 N13 E18 10BDBD1	06-21-95	1850	6240	15.33	31.00	--	346
390148119564101	90 N14 E18 34CDD 1	06-20-95	1355	6390	--	180.00	--	290
390157120070501	90 N14 E17 29ADC 1	06-29-95	1400	6315	--	320.00	--	112
390352120090201	90 N14 E17 18BBCA1	06-30-95	1500	6380	--	323.00	--	110
390354120080701	90 N14 E17 18AADB1	06-28-95	1500	6305	--	--	--	105
390510120094101	90 N14 E16 01CADD1	06-28-95	1410	6270	--	114.00	--	114
390539119561001	90 N14 E18 10ADA 1	06-23-95	1410	6270	7.23	27.00	--	248
390541119562501	90 N14 E18 10ABD 1	06-20-95	1215	6235	15.96	28.00	--	285
390748120100701	90 N15 E16 24CBCD1	06-30-95	1300	6460	--	--	--	162
390902120090301	90 N15 E17 18BCB 1	06-29-95	1310	6480	--	445.00	--	166
390935120084001	90 N15 E17 07CADB1	06-28-95	1600	6260	--	265.00	--	179
391031120075901	90 N15 E17 05ABBC1	06-28-95	1710	6245	--	160.00	--	167
391038120090001	90 N15 E17 06BCC 1	06-29-95	1145	6580	--	223.00	--	114
391158119555001	90 N15 E18 02BBDA1	06-29-95	1555	6230	--	110.00	--	115
391425120035301	90 N16 E17 14BBCB1	06-27-95	1320	6440	--	415.00	--	193
391456119563001	90 N16 E18 15DBD 1	06-27-95	1810	6360	--	14.00	--	384
391525119563101	90 N16 E18 15AAB 1	06-27-95	1650	6550	--	39.00	--	264
391533119563001	90 N16 E18 10DDC 1	06-27-95	1550	6625	--	46.00	--	279
391552120045101	90 N16 E17 15CCAA1	06-26-95	1525	6310	--	218.00	--	168

QUALITY OF GROUND WATER

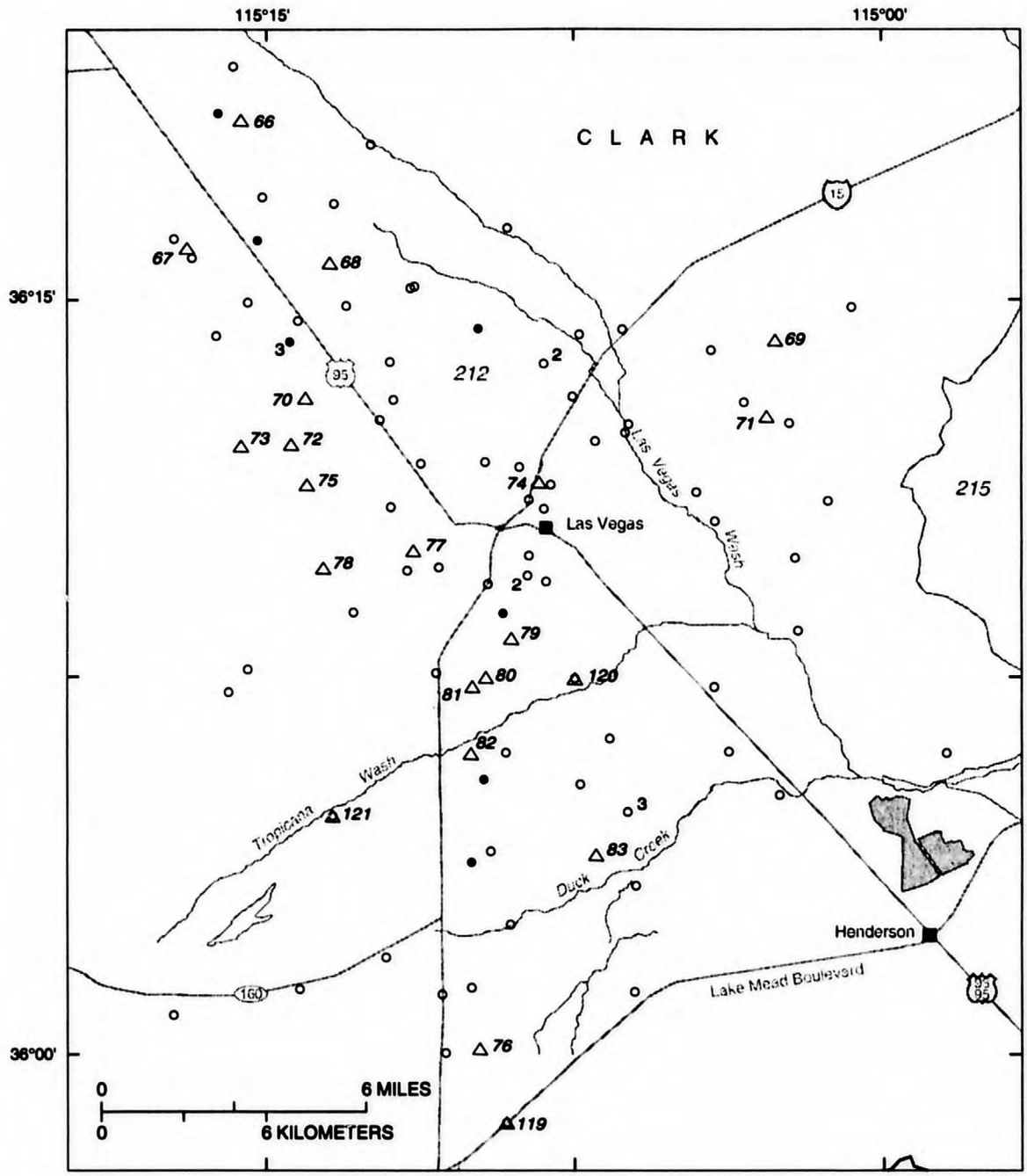
LAKE TAHOE BASIN--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON BIO. REACT-IVE DIS-SOLVED (UG/L AS FE)
06-23-95	8.9	17.0	14.5	--	--	0.083	<0.001	0.05	0.044	0.016	9.3
06-23-95	9.2	17.0	10.5	--	--	0.010	0.006	0.06	0.087	0.063	28
09-06-95	9.3	21.0	11.0	5.4	62	0.049	0.008	0.02	0.093	0.084	14
08-29-95	7.4	22.0	13.5	0.2	3	0.002	1.09	1.3	0.055	0.042	12
06-21-95	6.9	22.0	11.0	--	--	2.83	0.001	0.07	0.033	0.007	39
09-20-95	6.5	--	11.5	2.8	32	0.023	0.004	<0.01	0.034	0.015	8.0
09-20-95	5.8	--	12.0	0.8	9	0.005	0.002	0.02	0.018	0.003	47
09-05-95	6.9	19.5	10.5	--	--	0.028	0.001	0.07	0.043	0.017	35
09-19-95	5.9	20.0	12.0	2.1	24	0.020	0.001	0.02	0.019	0.005	200
09-01-95	6.4	18.5	9.5	1.3	14	0.007	0.002	0.05	0.025	0.011	6.8
09-01-95	5.6	21.0	12.0	0.3	4	0.002	0.009	0.04	0.012	0.003	48
06-22-95	8.6	23.0	10.0	--	--	0.530	0.001	0.07	0.047	0.017	5.0
08-31-95	6.4	--	11.5	0.3	3	0.080	0.427	1.9	0.065	0.048	8000
08-31-95	5.9	--	17.5	0.2	3	0.038	0.096	0.64	0.046	0.031	1300
06-23-95	8.4	20.0	10.5	--	--	0.055	<0.001	0.06	0.100	0.079	87
06-21-95	7.0	22.0	11.0	--	--	0.710	0.002	0.09	0.061	0.021	13
06-28-95	7.0	19.0	10.0	--	--	0.465	0.001	0.03	0.047	0.014	10
06-20-95	6.7	17.0	10.5	--	--	0.008	<0.001	0.17	0.057	0.015	170
06-23-95	6.7	24.0	14.0	--	--	3.94	0.001	0.07	0.038	0.011	170
06-20-95	7.3	17.5	10.0	--	--	0.127	<0.001	0.08	0.041	0.016	20
06-20-95	6.5	13.0	9.0	--	--	0.036	<0.001	0.09	0.050	0.005	280
06-22-95	7.1	22.0	12.0	--	--	0.399	0.001	0.13	0.038	0.008	25
06-21-95	6.5	20.0	9.0	--	--	5.92	0.002	0.18	0.050	0.007	1000
06-20-95	6.8	11.0	9.5	--	--	0.173	<0.001	0.10	0.047	0.005	75
06-29-95	6.9	25.0	8.0	--	--	0.095	0.001	0.04	0.134	0.102	1.2
06-30-95	7.0	25.5	6.0	--	--	0.038	0.001	0.06	0.066	0.029	10
06-28-95	6.8	26.0	8.0	--	--	0.111	0.001	0.03	0.065	0.023	3.3
06-28-95	7.3	25.0	9.5	--	--	0.090	0.001	0.01	0.075	0.031	6.8
06-23-95	7.0	22.0	12.0	--	--	0.011	<0.001	0.09	0.106	0.069	120
06-20-95	6.5	11.0	10.0	--	--	1.71	0.033	0.24	0.225	0.020	2700
06-30-95	8.0	26.0	6.0	--	--	0.024	0.001	0.02	0.133	0.098	190
06-29-95	7.4	25.0	7.5	--	--	0.126	0.001	0.11	0.100	0.052	15
06-28-95	7.8	27.0	16.0	--	--	0.328	0.498	0.29	0.366	0.260	17
06-28-95	7.5	25.0	10.0	--	--	0.036	0.001	0.01	0.095	0.052	530
06-29-95	7.8	21.5	7.0	--	--	0.143	0.001	0.03	0.086	0.049	9.0
06-29-95	6.7	26.0	10.0	--	--	0.017	0.004	0.05	0.050	0.026	340
06-27-95	8.3	20.0	11.0	--	--	0.048	0.001	0.04	0.072	0.037	11
06-27-95	6.4	22.0	8.0	--	--	0.065	0.074	0.73	0.499	0.001	19000
06-27-95	6.5	23.0	11.0	--	--	0.802	0.001	1.0	1.76	0.015	26000
06-27-95	6.2	22.0	13.0	--	--	6.36	0.001	0.61	0.334	0.045	6300
06-26-95	7.3	27.5	8.5	--	--	0.040	0.002	0.03	0.069	0.024	150

LOCATION OF GROUND-WATER QUALITY SAMPLING SITES (figure 37)

Site number	Local number	Latitude	Longitude	Site identification
66	212 S19 E60 09DAD 1	36°18'35"	115°15'37"	361835115153701
67	212 S19 E60 29DD 1	36°16'02"	115°16'55"	361602115165501
68	212 S19 E61 25CCC 1	36°15'44"	115°13'27"	361544115132701
69	212 S20 E62 04ADD 1	36°14'12"	115°02'35"	361412115023501
70	212 S20 E60 11CAAA1	36°13'03"	115°14'03"	361303115140301
71	212 S20 E62 16ACC 1	36°12'41"	115°02'48"	361241115024801
72	212 S20 E60 23BB 1	36°12'08"	115°14'24"	361208115142401
73	212 S20 E60 21AAD 1	36°12'06"	115°15'37"	361206115153701
74	212 S20 E61 23CC 1	36°11'23"	115°08'21"	361123115082101
75	212 S20 E60 23CDD 2	36°11'20"	115°14'01"	361120115140101
76	212 S22 E61 28CDAA1	36°00'07"	115°09'43"	360007115094801
77	212 S20 E61 31AAC 1	36°10'01"	115°11'25"	361001115112501
78	212 S20 E60 35DDA 2	36°09'40"	115°13'37"	360940115133701
79	212 S21 E62 10BCAD1	36°08'16"	115°09'02"	360816115090201
80	212 S21 E61 16ACA 1	36°07'30"	115°09'39"	360730115093901
81	212 S21 E61 16CA 3	36°07'19"	115°09'59"	360719115095903
82	212 S21 E61 28BBD 1	36°05'59"	115°10'01"	360559115100101
83	212 S22 E61 01BCCA1	36°03'58"	115°06'58"	360358115065801
119	212 S23 E61 03BCC 1	35°58'39"	115°09'09"	361136115101401
120	212 S21 E61 14ACA 1	36°07'28"	115°07'29"	360728115072901
121	212 S21 E60 35ADAB1	36°04'44"	115°13'23"	360444115132301



EXPLANATION

- **Major hydrographic area boundary**
- **Minor hydrographic area boundary**
- $^{3}\bullet$ **Primary observation well**--Water level generally measured monthly or more frequently
- $^{2}\circ$ **Secondary observation well**--Water level generally measured one to four times per year
- $\triangle^{70}$ **Active ground-water quality site**--Sampling number refers to accompanying table
- *212* **Number refers to valley number**--See figure 29

Figure 37. Selected observation wells and ground-water quality sites, southeastern Nevada.

WATER USE: H, domestic; I, irrigation; P, public supply; S, stock; U, unused.
WATER LEVEL: Levels above LSD (land-surface datum) are listed as negative values.
WATER-LEVEL STATUS: G, nearby site that taps the same aquifer was flowing; R, the same site had been pumped recently; Z, water entering borehole above water table.
WATER-LEVEL METHOD: B, analog or graphic recoorder; G, pressure gage; S, steel tape; T, electric tape; Z, water-levels reported by Nevada State Engineer.
The following sites are shown in figure 37.

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
212 S17 E58 14BCBA1	USAF Well 2372-1	362830115270501	U	300.	3180.	12/20/94	212.90	--	S
						04/13/95	217.02	--	S
						06/14/95	213.65	--	S
212 S19 E57 28ADA 1	Paul Kingston	361622115350501	H		5660.	03/28/95	562.86	--	T
						08/15/95	361.92	--	T
212 S19 E60 04DAB 1	NV Division of Forestry	361939115154801	I	780.	2454.	03/28/95	95.28	--	S
						08/18/95	97.91	--	S
212 S19 E60 09BCC 1*	P. J. Goumond	361843115161001	U	830.	2510.	03/28/95	178.42	--	S
						04/09/95	179.56	--	S
212 S19 E60 12DB 1	Elmer Laub	361806115122701	H	240.	2350.	03/28/95	139.72	--	S
						08/18/95	134.52	R	S
212 S19 E60 22BDD 1	Booker Reid	361703115150601	S	400.	2360.	03/28/95	138.66	--	S
						04/07/95	135.75	--	S
						08/21/95	191.70	R	S
212 S19 E60 24CBC 1	Don Fisk	361655115132101	H	380.	2315.	03/28/95	130.45	--	S
						04/09/95	135.36	R	S
						08/18/95	175.28	G	S
212 S19 E60 27BDC 1*	USGS	361611115151301	U	905.	2360.	10/03/94	115.58	--	Z
						10/10/94	111.93	--	Z
						10/17/94	112.88	--	Z
						10/25/94	111.87	--	Z
						11/07/94	109.32	--	Z
						11/14/94	106.22	--	Z
						11/21/94	102.85	--	Z
						11/28/94	98.76	--	Z
						12/05/94	100.45	--	Z
						12/13/94	99.91	--	Z
						12/19/94	98.19	--	Z
						12/27/94	96.80	--	Z
						01/03/95	95.09	--	Z
						01/04/95	94.80	--	S
						01/09/95	93.90	--	Z
						01/17/95	93.04	--	Z
						01/31/95	90.64	--	Z
						02/06/95	91.49	--	Z
						02/13/95	91.08	--	Z
212 S19 E60 29BDD 1	David Holland	361613115171401	H	303.	2530.	08/18/95	215.43	--	T
212 S19 E60 29DDDB1	Robert Coache	361550115164801	H	400.	2462.	04/08/95	150.66	--	S
						04/08/95	150.68	--	S
						04/27/95	152.78	--	S
						08/18/95	163.18	--	S
212 S19 E60 36CBB 1	SNMRE	361453115130301	P	330.	2290.	01/04/95	154.83	--	S
						03/28/95	149.85	--	S
						04/09/95	151.58	--	S
						06/22/95	161.35	--	S
						08/18/95	161.15	--	S
212 S19 E61 21DDB 1	CNLV Regional Park 1	361626115090701	U	1300.	2160.	03/30/95	40.74	--	S
						04/08/95	40.72	--	S
						05/01/95	40.82	--	S
						06/20/95	41.61	--	S
						08/16/95	42.20	--	S
212 S19 E61 31ADCD1	John Willis	361514115112901	H	300.	2200.	01/20/95	137.16	--	S
						03/30/95	135.72	--	S
						04/09/95	136.66	--	S
						06/20/95	155.59	--	S
						08/16/95	155.65	R	S

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
212 S19 E61 31ADDD1	Bob Miller	361516115112301	P	360.	2185.	01/20/95	135.79	--	S
						03/30/95	133.80	--	S
						06/20/95	155.16	--	S
						08/16/95	144.12	--	S
212 S19 E62 35DCDC1	USAF Lake Mead 5	361451115004401	P	838.	1867.	01/18/95	91.00	--	S
						04/17/95	90.63	--	S
						06/22/95	90.48	--	S
						08/16/95	89.02	--	S
212 S20 E60 02CCBB1	USGS-PZD	361410115142601	U	697.	2312.	11/20/94	298.16	--	B
						11/25/94	296.77	--	B
						11/30/94	296.16	--	B
						12/05/94	295.46	--	B
						12/10/94	294.39	--	B
						12/15/94	293.46	--	B
						12/20/94	292.75	--	B
						12/25/94	291.34	--	B
						12/31/94	290.36	--	B
						01/05/95	288.86	--	B
						01/10/95	288.15	--	B
						01/15/95	286.91	--	B
						01/20/95	286.16	--	B
						01/25/95	285.15	--	B
						01/31/95	284.49	--	B
						02/05/95	283.50	--	B
						02/10/95	282.76	--	B
						02/15/95	282.13	--	B
						02/20/95	281.35	--	B
						02/25/95	280.75	--	B
						02/28/95	280.42	--	B
						03/05/95	279.42	--	B
						03/10/95	278.80	--	B
						03/15/95	278.17	--	B
						03/20/95	277.73	--	B
						03/25/95	277.30	--	B
						03/31/95	276.65	--	B
						04/05/95	276.33	--	B
						04/10/95	276.27	--	B
						04/14/95	275.73	--	S
						04/15/95	275.59	--	B
						04/20/95	275.58	--	B
						04/25/95	275.56	--	B
						04/30/95	278.74	--	B
						05/05/95	279.19	--	B
						05/09/95	277.08	--	S
						05/10/95	278.31	--	B
						05/15/95	278.55	--	B
						05/20/95	282.49	--	B
						05/25/95	283.83	--	B
						05/31/95	284.42	--	B
						06/05/95	282.73	--	B
						06/10/95	282.74	--	B
						06/15/95	284.70	--	B
						06/20/95	284.59	--	B
						06/25/95	285.45	--	B
						06/30/95	290.43	--	B
						07/05/95	292.58	--	B
						07/10/95	296.41	--	B
						07/15/95	297.70	--	B
						07/20/95	298.92	--	B
						07/25/95	300.13	--	B
						07/31/95	301.93	--	B
						08/05/95	303.59	--	B

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
212 S20 E60 02CCBB1	USGS-PZD	361410115142601	U	697.	2312.	08/10/95	304.90	--	B
						08/15/95	306.44	--	B
						08/20/95	306.16	--	B
						08/25/95	304.40	--	B
						08/31/95	309.89	--	B
						09/05/95	310.94	--	B
						09/10/95	309.71	--	B
						09/15/95	310.53	--	B
						09/20/95	309.50	--	B
						09/25/95	309.60	--	B
						09/30/95	309.30	--	B
212 S20 E60 02CCBB2	USGS-PZM	361410115142602	U	467.	2312.	11/20/94	293.96	--	B
						11/25/94	292.91	--	B
						11/30/94	292.53	--	B
						12/05/94	291.70	--	B
						12/10/94	291.28	--	B
						12/15/94	290.54	--	B
						12/20/94	289.87	--	B
						12/25/94	288.84	--	B
						12/31/94	288.20	--	B
						01/05/95	286.89	--	B
						01/10/95	286.42	--	B
						01/15/95	285.46	--	B
						01/20/95	284.95	--	B
						01/25/95	283.96	--	B
						01/31/95	283.37	--	B
						02/05/95	282.55	--	B
						02/10/95	281.68	--	B
						02/15/95	281.13	--	B
						02/20/95	280.55	--	B
						02/25/95	279.72	--	B
						02/28/95	279.37	--	B
						03/05/95	278.48	--	B
						03/10/95	277.93	--	B
						03/15/95	277.41	--	B
						03/20/95	276.65	--	B
						03/25/95	276.34	--	B
						03/31/95	275.60	--	B
						04/05/95	274.91	--	B
						04/10/95	274.71	--	B
						04/14/95	274.23	--	S
						04/15/95	273.92	--	B
						04/20/95	273.58	--	B
						04/25/95	273.29	--	B
						04/30/95	274.31	--	B
						05/05/95	274.55	--	B
						05/09/95	274.52	--	S
						05/10/95	274.42	--	B
						05/15/95	274.51	--	B
						05/20/95	276.37	--	B
						05/25/95	277.01	--	B
						05/31/95	277.13	--	B
						06/05/95	276.44	--	B
						06/10/95	275.73	--	B
						06/15/95	275.98	--	B
						06/20/95	276.27	--	B
						06/25/95	276.83	--	B
						06/30/95	279.11	--	B
						07/05/95	280.55	--	B
						07/10/95	282.33	--	B
						07/15/95	283.55	--	B
						07/20/95	284.65	--	B

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
212 S20 E60 02CCBB2	USGS-PZM	361410115142602	U	467.	2312.	07/25/95	285.60	--	B
						07/31/95	286.94	--	B
						08/05/95	288.09	--	B
						08/10/95	289.19	--	B
						08/15/95	290.52	--	B
						08/20/95	291.53	--	B
						08/25/95	291.21	--	B
						08/31/95	293.51	--	B
						09/05/95	294.74	--	B
						09/10/95	295.72	--	B
						09/15/95	296.80	--	B
						09/20/95	295.97	--	B
						09/25/95	296.18	--	B
						09/30/95	296.49	--	B
212 S20 E60 02CCBB3	USGS-PZS	361410115142603	U	320.	2312.	11/20/94	241.13	--	B
						11/25/94	240.44	--	B
						11/30/94	240.37	--	B
						12/05/94	239.80	--	B
						12/10/94	239.74	--	B
						12/15/94	239.28	--	B
						12/20/94	239.01	--	B
						12/25/94	238.32	--	B
						12/31/94	237.96	--	B
						01/05/95	237.02	--	B
						01/10/95	236.86	--	B
						01/15/95	236.20	--	B
						01/20/95	236.10	--	B
						01/25/95	235.42	--	B
						01/31/95	235.30	--	B
						02/05/95	234.90	--	B
						02/10/95	234.42	--	B
						02/15/95	234.25	--	B
						02/20/95	234.55	--	B
						02/25/95	234.05	--	B
						02/28/95	233.97	--	B
						03/05/95	233.41	--	B
						03/10/95	233.39	--	B
						03/15/95	233.18	--	B
						03/20/95	232.72	--	B
						03/25/95	232.69	--	B
						03/31/95	232.28	--	B
						04/05/95	232.04	--	B
						04/10/95	232.18	--	B
						04/14/95	232.42	--	S
						04/15/95	231.85	--	B
						04/20/95	231.54	--	B
						04/25/95	231.71	--	B
						04/30/95	231.78	--	B
						05/05/95	231.82	--	B
						05/09/95	232.28	--	S
						05/10/95	231.98	--	B
						05/15/95	232.10	--	B
						05/20/95	232.29	--	B
						05/25/95	232.23	--	B
						05/31/95	232.65	--	B
						06/05/95	232.82	--	B
						06/10/95	233.49	--	B
						06/15/95	233.42	--	B
						06/20/95	233.91	--	B
						06/25/95	234.38	--	B
						06/30/95	234.98	--	B
						07/05/95	235.45	--	B

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
212 S20 E60 02CCBB3	USGS-PZS	361410115147603	U	320.	2312.	07/10/95	235.96	--	B
						07/15/95	236.40	--	B
						07/20/95	236.72	--	B
						07/25/95	237.08	--	B
						07/31/95	237.92	--	B
						08/05/95	238.10	--	B
						08/10/95	238.43	--	B
						08/15/95	238.90	--	B
						08/20/95	239.63	--	B
						08/25/95	239.25	--	B
						08/31/95	239.63	--	B
						09/05/95	240.13	--	B
						09/10/95	240.33	--	B
						09/15/95	240.48	--	B
						09/20/95	240.27	--	B
						09/25/95	240.29	--	B
						09/30/95	240.67	--	B
212 S20 E60 04CAD 1	Edward Tomsik	361417115161301	H	500.	2380.	03/28/95	327.74	--	T
						08/21/95	332.36	--	T
212 S20 E61 01ACCD1	USGS-GS419	361425115061901	U	84.	1919.	01/20/95	61.92	--	S
						03/30/95	59.90	--	S
						06/20/95	59.99	--	S
						08/16/95	61.08	--	S
212 S20 E61 02DBB 1	Hartwell & Lowe Company	361419115072201	U	785.	1900.	01/20/95	46.33	--	S
						03/30/95	44.90	--	S
						06/20/95	43.40	--	S
						08/16/95	42.65	--	S
212 S20 E61 03DAD 2	USAF Nellis 8	361412115080801	P	913.	1973.	04/17/95	63.17	--	S
						06/22/95	64.58	--	S
						08/16/95	65.43	--	S
212 S20 E61 04BDCA1		361426115095001	U	270.	2103.	01/20/95	93.49	--	S
						03/30/95	92.32	--	S
						04/08/95	92.12	--	S
						05/01/95	91.87	--	S
						06/20/95	91.55	--	S
						08/16/95	91.36	--	S
212 S20 E61 06CBDD1	CNLV Desert Aire	361346115115901	P	1000.	2211.	08/16/95	169.68	--	S
212 S20 E61 11CDDC1	USGS	361305115073201	U	62.	1920.	01/20/95	5.08	--	S
						04/01/95	4.70	--	S
						06/20/95	8.10	--	S
						08/16/95	5.06	--	S
212 S20 E61 13ABDB1	CNLV Diana Terrace	361232115061001	P	1230.	1857.	01/20/95	43.90	--	S
						04/02/95	42.70	--	S
						06/20/95	50.20	--	S
						08/17/95	55.70	--	S
212 S20 E61 14CCCC1	USGS	361212115065901	U	46.	1910.	01/20/95	29.08	--	S
						04/02/95	28.14	--	S
						06/20/95	28.42	--	S
212 S20 E61 18BCCD1	CNLV Airport	361237115121401	P	360.	2208.	01/20/95	115.14	Z	S
						03/30/95	115.40	Z	S
						04/07/95	115.75	Z	S
						06/20/95	117.00	Z	S
						08/21/95	117.36	Z	S
212 S20 E61 21BAAB1	Highland School	361147115094001	P	397.	2064.	01/20/95	60.29	--	S
						03/30/95	55.70	--	S
						04/07/95	56.33	--	S
						06/20/95	57.06	--	S
						08/17/95	63.50	--	S
212 S20 E61 22BCDD1	CNLV Valley View	361141115085001	P	1000.	2019.	08/17/95	48.32	--	S
212 S20 E61 22DACD1	CNLV Tonopah	361120115080401	P	1105.	1911.	01/18/95	14.66	--	S
						03/30/95	10.18	--	S
						06/20/95	14.38	--	S
						08/17/95	18.47	--	S

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
212 S20 E61 27BDAA1	USGS	361102115083601	U	15.	2010.	01/20/95	10.52	--	S
						03/30/95	10.45	--	S
						06/20/95	10.36	--	S
						08/17/95	12.02	--	S
212 S20 E61 30BDC 1	USGS	361053115120501	U	33.	2190.	01/20/95	7.46	--	S
						03/30/95	8.19	--	S
						06/20/95	9.12	--	S
						08/17/95	9.52	--	S
212 S20 E61 31DCD 1	USGS	360937115113401	U	18.	2155.	01/20/95	9.50	--	S
						04/07/95	9.70	--	S
						06/20/95	9.82	--	S
						08/17/95	9.96	--	S
212 S20 E61 32CDC 1	Kenneth Searles	360941115104801	H	665.	2102.	01/19/95	30.22	--	S
						04/02/95	29.61	--	S
						04/07/95	29.84	--	S
						06/20/95	40.60	--	S
						08/17/95	47.71	--	S
212 S20 E61 34CAA 1	USGS	360837115095501	U	22.	2010.	01/20/95	6.18	--	S
						04/03/95	6.80	--	S
						06/20/95	7.69	--	S
						08/17/95	7.76	--	S
212 S20 E62 05CAAA1	CNLV Wilshire	361400115040901	P	1000.	1869.	03/30/95	76.32	--	S
						08/16/95	78.98	--	S
212 S19 E62 06CCC 1	USAF Nellis 14 (A)	361258115032101	P	650.	1827.	01/18/95	65.14	--	S
						04/17/95	64.48	--	S
						06/22/95	68.80	--	S
						08/16/95	88.16	R	S
						08/16/95	75.93	R	S
[illegible]	USAF Nellis 12 (C)	361233115021501	P	1000.	1816.	04/17/95	85.31	--	S
						08/21/95	95.66	--	S
[illegible]	John Lane	361100115011901	H	320.	1900.	04/06/95	144.35	--	S
						08/16/95	157.30	R	S
[illegible]		361036115040401	U	97.	1766.	01/18/95	25.64	--	S
						04/06/95	24.59	--	S
						06/22/95	24.54	--	S
						08/16/95	24.85	--	S
[illegible]		360952115020701	I	100.	1740.	03/30/95	27.42	--	S
						08/16/95	29.18	--	S
[illegible]	[illegible]	360847115125301	U	190.	2261.	03/29/95	88.00	--	S
						04/09/95	87.80	--	S
						08/16/95	88.32	--	S
[illegible]	[illegible]	360739115152701	N	680.	2480.	03/31/95	411.10	--	S
						04/07/95	410.70	--	S
						08/21/95	408.35	--	S
[illegible]	[illegible]	360712115155501	U	750.	2545.	04/06/95	473.35	--	T
						04/07/95	473.03	--	T
						08/16/95	471.42	--	T
[illegible]	[illegible]	360444115132301	H	500.	2359.	01/04/95	304.40	--	S
						08/16/95	303.74	--	T
[illegible]	USGS	360924115081101	U	14.	1990.	01/20/95	7.32	--	S
						04/03/95	7.26	--	S
						06/20/95	7.60	--	S
						08/17/95	7.44	--	S
[illegible]	[illegible]	360931115033802	H	807.	2014.	04/06/95	31.38	--	S
						08/17/95	51.95	--	S
212 S21 E61 04ABC 1	USGS	360927115093601	U	17.	2047.	01/20/95	8.02	--	S
						04/02/95	7.76	--	S
						06/20/95	8.22	--	S
						08/17/95	8.55	--	S
212 S21 E61 14ACA 1	LV Rifle Country Club 2	360728115072301	I	750.	1930.	01/20/95	8.47	--	S
						04/06/95	32.20	R	S

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
212 S21 E61 17BADD1	USGS	360735115105201	U	45.	2120.	01/20/95	8.89	--	S
						04/03/95	9.22	--	S
						06/20/95	9.48	--	S
						08/17/95	8.17	--	S
212 S21 E61 22CCC 1	A. P. Baker	360600115091001	U	500.	2072.	04/06/95	26.00	--	S
						05/05/95	31.79	--	S
						06/20/95	50.15	--	S
						08/17/95	34.17	--	S
212 S21 E61 24CAD 1	USGS Paradise Park	360617115063801	U	24.	1950.	01/18/95	15.15	--	S
						04/06/95	15.87	--	S
						06/20/95	15.98	--	S
						08/17/95	15.00	--	S
212 S21 E61 26DDBB1	Clark County	360522115072101	U	25.	2010.	03/30/95	15.73	--	S
						06/22/95	16.20	--	S
						08/14/95	15.74	--	S
212 S21 E61 28CABB1	Dobe Docks	360528115094201	U	93.	2125.	10/03/94	20.64	--	Z
						10/10/94	20.57	--	Z
						10/17/94	20.80	--	Z
						10/25/94	20.79	--	Z
						11/07/94	20.78	--	Z
						11/14/94	20.41	--	Z
						11/21/94	20.89	--	Z
						11/28/94	21.21	--	Z
						12/05/94	20.49	--	Z
						12/13/94	20.99	--	Z
						12/19/94	21.84	--	Z
						12/27/94	21.85	--	Z
						01/03/95	21.47	--	Z
						01/09/95	19.65	--	Z
						01/17/95	20.08	--	Z
						01/18/95	18.91	--	S
						01/31/95	19.15	--	Z
						02/06/95	19.67	--	Z
						02/13/95	20.15	--	Z
						02/21/95	20.59	--	Z
						02/27/95	20.81	--	Z
212 S21 E61 36ADC 3	USGS	360449115061201	U	24.	1948.	01/13/95	13.73	--	S
						03/26/95	13.32	--	S
						06/22/95	13.95	--	S
						08/14/95	14.56	--	S
212 S21 E62 10ACAA1	Nevada Power Company	360826115020001	U	715.	1705.	01/18/95	13.99	--	S
						03/30/95	14.13	--	S
						06/22/95	14.65	--	S
						08/16/95	15.10	--	S
212 S21 E62 17DAB 1	USGS	360744115050801	U	11.	1730.	01/18/95	7.44	--	S
						04/06/95	6.00	--	S
						06/22/95	7.07	--	S
						08/17/95	6.60	--	S
212 S21 E62 20DDD 1	L. Billman	360601115034401	U	500.	1720.	01/18/95	-61.00	--	G
						06/22/95	-64.00	--	G
						08/15/95	-64.20	--	G
212 S21 E62 27CCCB1	Nevada Power Company	360509115023001	U	360.	1665.	11/29/94	19.18	--	Z
						01/25/95	19.24	--	Z
						03/26/95	18.58	--	S
						04/18/95	19.77	--	Z
						08/14/95	19.60	--	S
212 S21 E63 30AAAA1	USGS	360832115060201	U	76.	1590.	03/30/95	15.45	--	S
						08/16/95	15.60	--	S
212 S22 E60 20CACA1	Moffat & Lillis	360047115171401	U	710.	2810.	01/04/95	475.65	--	S
						03/31/95	476.31	--	S
						04/19/95	473.26	--	T
						08/16/95	474.38	--	T

GROUND-WATER LEVELS

LAS VEGAS VALLEY--Continued

Local Well No	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
212 S22 E60 23BBD 1	Joe Hornyak	360118115141101	U	500.	2545.	03/31/95	439.07	--	T
212 S22 E61 04ACDA1		360400115092401	U	122.	2159.	01/04/95	100.38	--	S
						03/25/95	100.05	--	S
						06/22/95	99.84	--	S
						08/14/95	99.81	--	S
212 S22 E61 04BCB 1*	Fitzpatrick	360349115100001	U	355.	2219.	06/22/95	164.28	--	S
						08/14/95	165.04	--	S
212 S22 E61 10CCD 1	Lewis J. Deatch	360235115090301	H	300.	2160.	01/04/95	124.64	--	S
						08/14/95	127.15	--	S
212 S22 E61 12AAAD1	Josephine G. Brown	360321115060001	P	500.	2020.	03/26/95	19.18	--	S
						06/22/95	31.25	--	S
						08/14/95	36.75	--	S
212 S22 E61 18CACD1	Dennis Abby	360156115120501	U	360.	2356.	03/25/95	269.94	--	S
212 S22 E61 20BAD 1	Tom Howe	360112115104301	U	210.	2287.	08/14/95	208.34	--	S
212 S22 E61 24ADD 1	Neva Cotley	360115115060201	H	300.	2190.	08/14/95	175.07	--	S
212 S22 E61 29DCDB1		360002115103801	U	300.	2275.	03/25/95	133.69	--	S
						03/25/95	133.06	--	T
						06/22/95	134.64	--	S
						08/14/95	134.98	--	S
212 S23 E61 03BCC 1	Sky Harbor Airport	361136115101401	C	650.	2375.	03/25/95	216.18	--	S
						08/14/95	217.85	--	S

* Additional water-level data may be found in Ground-water Levels, Primary Observation Wells section.

Water-quality measurements in the following table were made as part of the National Water Quality Assessment Program (NAWQA). The following sites are shown in figures 31, 32, 33, 34, 35, and 37.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	LOCAL WELL NUMBER	DATE	TIME	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)	BAROMETRIC PRESSURE (MM OF HG) (00025)
355657115104401	212 S23 E61 17ACCA1	02-13-95	1035	1460	7.1	--	23.0	690
360007115094801	212 S22 E61 28CDAA1	01-24-95	1500	1490	7.4	11.0	24.0	704
360358115065801	212 S22 E61 01BCCA1	02-08-95	1110	1410	7.1	14.0	26.0	710
360444115132301	212 S21 E60 35ADAB1	02-16-95	1040	1070	7.3	16.0	24.5	705
360559115100101	212 S21 E61 28BBD 1	06-15-95	1020	811	7.3	27.0	25.0	695
360719115095903	212 S21 E61 16CA 3	02-15-95	1315	1440	7.1	--	22.5	--
360728115072901	212 S21 E61 14ACA 1	03-15-95	1020	1210	7.3	19.0	22.5	715
360730115093901	212 S21 E61 16ACA 1	06-15-95	1420	756	7.2	32.0	22.5	695
360816115090201	212 S21 E62 10BCAD1	03-16-95	1105	890	7.3	19.5	22.5	710
360940115133701	212 S20 E60 35DDA 2	06-12-95	1420	1040	7.6	41.5	20.5	698
361001115112501	212 S20 E61 31AAC 1	06-12-95	1130	697	7.4	34.5	24.5	702
361120115140101	212 S20 E60 23CDD 2	06-13-95	1020	1120	7.6	34.0	17.5	696
361123115082101	212 S20 E61 23CC 1	01-24-95	1000	431	7.5	8.0	17.5	713
361136115101401	212 S23 E61 03BCC 1	02-07-95	1000	1290	7.8	18.5	20.5	705
361206115153701	212 S20 E60 21AAD 1	06-13-95	1330	1020	7.6	40.0	19.0	694
361208115142401	212 S20 E60 23BB 1	06-14-95	1240	455	7.3	36.0	25.5	695
361241115024801	212 S20 E62 16ACC 1	02-23-95	1105	597	7.7	19.5	24.0	720
361303115140301	212 S20 E60 11CAAA1	06-14-95	1000	437	7.4	31.5	22.0	695
361412115023501	212 S20 E62 04ADD 1	02-23-95	1405	585	7.5	--	23.5	715
361544115132701	212 S19 E61 25CCC	03-15-95	1415	385	7.6	--	21.0	705
361602115165501	212 S19 E60 29DD 1	03-14-95	1405	439	7.5	23.5	19.5	700
361835115153701	212 S19 E60 09DAD 1	03-14-95	1035	401	7.6	21.5	21.0	705
385255119482301	105 N12 E19 23DDD 1	08-29-95	1300	106	8.4	27.0	15.0	--
385321119405002	105 N12 E20 24ADCC2	08-24-95	1000	546	7.4	--	14.0	638
385352119455401	105 N12 E20 17CCD 1	08-29-95	1045	188	6.4	15.5	15.0	645
385414119425401	105 N12 E20 15ADD 1	08-23-95	1000	240	7.1	22.5	13.5	642
385509119414801	105 N12 E20 11ADD 1	08-24-95	1300	325	7.8	19.0	13.5	639
385621119444501	105 N12 E20 04BAB 1	08-30-95	1015	427	6.8	19.0	13.5	645
385654119431801	105 N13 E20 34ACC 1	08-31-95	1100	404	7.5	19.5	16.5	645
385719119454701	105 N13 E20 29CDC 1	08-23-95	1330	258	7.7	29.0	17.5	--
385926119481601	105 N13 E19 13BCC 1	08-30-95	1230	246	7.6	29.5	14.0	645
390015119500101	105 N13 E19 10DBB 1	08-22-95	1200	224	7.3	24.5	13.0	648
390021119504301	105 N13 E19 09ADCA1	08-28-95	1245	292	6.7	21.0	14.0	640
390055119421901	105 N13 E20 02CDAA1	07-24-95	1050	370	7.9	20.0	19.5	640
390147119442801	105 N14 E20 33DCBB1	07-24-95	1435	341	7.9	30.0	16.0	640
390321119465301	105 N14 E20 30BABA1	07-19-95	1210	295	8.4	29.0	22.5	645
390457119491301	105 N14 E19 14BBD 1	08-21-95	1400	125	8.5	29.5	20.0	640
390512119465601	105 N14 E20 07CDBC1	07-25-95	1025	378	7.3	27.0	16.5	640
390542119472001	104 N14 E19 12ADAB1	08-21-95	1100	256	7.9	28.0	15.0	643
392231119501901	87 N18 E19 34CDCC1	06-22-95	1500	340	7.4	24.5	19.5	618
392404119434501	87 N18 E20 27BBCD1	07-18-95	1130	410	7.2	--	15.0	645
392414119474701	87 N18 E19 25ABBB1	06-21-95	1500	227	7.2	22.0	18.0	630
392506119462201	87 N18 E20 19AABB1	06-19-95	1250	212	7.6	20.0	19.0	640
392614119454501	87 N18 E20 08CADC1	06-28-95	1430	159	7.7	25.5	18.5	650
392627119481901	87 N18 E19 12BCCD1	08-02-95	1010	423	7.2	--	18.0	642
392636119464401	87 N18 E20 07ACBB1	08-01-95	1000	228	7.0	--	16.0	647
392718119463401	87 N18 E20 06ACCD1	06-27-95	1100	290	7.4	19.0	18.5	647
392742119484501	87 N18 E19 02ABAB1	08-02-95	1300	272	7.1	--	18.0	642
392927119475601	87 N19 E19 25BAAB1	06-29-95	1200	814	7.9	25.0	40.0	650
393043119504901	87 N19 E19 16DABB1	06-20-95	1030	407	7.8	17.0	14.5	645
393045119500501	87 N19 E19 15CAAA1	06-21-95	1100	466	7.6	19.0	18.0	644
393053119445601	87 N19 E20 16BCAC2	06-28-95	1100	304	7.4	24.0	18.0	650
393105119494001	87 N19 E19 15AABA1	08-01-95	1500	457	7.6	--	18.0	645
393127119471101	87 N19 E20 18DBDB1	07-31-95	1100	404	8.1	--	20.0	649
393145119452401	87 N19 E20 08DDBC1	06-26-95	1100	302	7.9	27.0	17.0	645
393158119454301	87 N19 E20 08BDAC1	06-26-95	1500	290	7.8	29.0	17.5	646
393203119472801	87 N19 E19 12AABA1	06-22-95	1030	501	7.8	20.5	15.5	650

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	DATE	OXYGEN, DISSOLVED (MG/L) (00300)	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLV FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)
355657115104401	02-13-95	3.5	45	420	280	99	43	130	3	12
360007115094801	01-24-95	2.5	32	510	360	120	52	120	2	11
360358115065801	02-08-95	2.9	39	640	480	160	58	49	0.8	3.7
360444115132301	02-16-95	2.5	33	580	430	140	56	13	0.2	4.1
360559115100101	06-15-95	4.0	53	400	230	89	43	18	0.4	4.4
360719115095903	02-15-95	--	--	740	540	170	77	30	0.5	8.0
360728115072901	03-15-95	4.7	58	590	410	130	65	46	0.8	7.1
360730115093901	06-15-95	5.3	67	380	200	83	42	12	0.3	2.4
360816115090201	03-16-95	4.7	59	420	240	87	48	26	0.6	3.9
360940115133701	06-12-95	6.7	82	330	200	79	33	95	2	5.2
361001115112501	06-12-95	6.1	80	310	140	68	33	30	0.7	3.5
361120115140101	06-13-95	7.5	86	330	210	79	33	100	2	4.7
361123115082101	01-24-95	4.6	52	230	51	48	27	6.8	0.2	1.6
361136115101401	02-07-95	5.9	71	300	180	66	32	130	3	10
361206115153701	06-13-95	7.7	91	320	190	76	32	87	2	4.6
361208115142401	06-14-95	6.2	84	240	50	53	25	7.8	0.2	2.7
361241115024801	02-23-95	2.4	30	180	<1	27	27	52	2	7.6
361303115140301	06-14-95	6.3	79	230	42	51	25	6.2	0.2	1.3
361412115023501	02-23-95	5.0	63	230	28	40	32	27	0.8	4.1
361544115132701	03-15-95	3.9	47	190	13	38	24	7.3	0.2	1.7
361602115165501	03-14-95	5.7	68	230	34	51	25	4.8	0.1	1.1
361835115153701	03-14-95	4.5	55	190	8	37	24	8.9	0.3	1.6
385255119482301	08-29-95	--	--	14	<1	5.3	0.21	16	2	0.70
385321119405002	08-24-95	5.4	63	230	39	70	13	24	0.7	2.5
385352119455401	08-29-95	5.4	63	73	2	17	7.3	8.9	0.5	2.3
385414119425401	08-23-95	3.4	39	88	3	24	6.8	14	0.6	2.1
385509119414801	08-24-95	5.0	57	110	<1	35	6.6	17	0.7	2.3
385621119444501	08-30-95	1.5	17	180	2	49	14	19	0.6	3.1
385654119431801	08-31-95	5.5	67	140	12	42	9.6	26	0.9	1.9
385719119454701	08-23-95	2.5	--	97	<1	29	5.9	14	0.6	2.5
385926119481601	08-30-95	2.6	30	71	<1	20	5.1	19	1	4.5
390015119500101	08-22-95	2.7	30	97	<1	[illegible]	5.9	9.7	0.4	1.3
390021119504301	08-28-95	5.6	65	120	<1	40	[illegible]5	14	0.6	3.0
390055119421901	07-24-95	2.7	35	46	<1	14	2.6	63	4	2.5
390147119442801	07-24-95	0.9	11	89	<1	25	6.5	35	2	4.4
390321119465301	07-19-95	0.6	8	9	<1	3.1	0.30	58	8	2.1
390457119491301	08-21-95	4.8	63	33	<1	13	0.06	14	1	0.80
390512119465601	07-25-95	2.0	24	100	<1	29	7.8	39	2	1.6
390542119472001	08-21-95	0.8	9	50	<1	17	1.9	32	2	1.5
392231119501901	06-22-95	2.6	35	140	<1	28	18	12	0.4	4.6
392404119434501	07-18-95	5.5	65	140	<1	40	9.7	34	1	7.6
392414119474701	06-21-95	5.4	69	88	<1	17	11	9.8	0.5	4.9
392506119462201	06-19-95	5.4	70	82	<1	17	9.7	9.8	0.5	5.6
392614119454501	06-28-95	4.8	60	60	<1	11	7.8	8.2	0.5	5.0
392627119481901	08-02-95	5.2	66	180	<1	45	16	22	0.7	4.7
392636119464401	08-01-95	3.0	36	99	<1	18	13	9.3	0.4	5.6
392718119463401	06-27-95	2.5	32	120	<1	23	14	13	0.5	5.7
392742119484501	08-02-95	4.5	57	89	<1	22	8.2	22	1	3.7
392927119475601	06-29-95	1.3	24	41	<1	15	0.91	140	9	7.1
393043119504901	06-20-95	3.8	44	180	63	40	19	14	0.5	3.8
393045119500501	06-21-95	4.7	59	180	30	46	16	22	0.7	3.8
393053119445601	06-28-95	1.4	17	110	<1	26	10	17	0.7	3.7
393105119494001	08-01-95	3.6	45	190	46	49	16	21	0.7	3.9
393127119471101	07-31-95	0.4	5	18	<1	4.2	1.7	76	8	6.6
393145119452401	06-26-95	1.0	12	99	<1	23	10	21	0.9	4.5
393158119454301	06-26-95	2.2	27	120	14	28	12	12	0.5	4.1
393203119472801	06-22-95	3.8	45	210	48	54	19	21	0.6	3.7

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	DATE	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CARBONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)
355657115104401	02-13-95	170	--	140	230	270	0.90	0.26	29	938
360007115094801	01-24-95	184	--	151	270	240	0.90	0.29	23	988
360358115065801	02-08-95	198	--	162	440	110	0.80	0.17	26	1040
360444115132301	02-16-95	187	--	153	410	10	0.30	0.080	15	810
360559115100101	06-15-95	209	--	171	210	20	0.30	0.080	16	538
360719115095903	02-15-95	249	--	204	510	48	0.30	0.19	25	1090
360728115072901	03-15-95	225	--	184	410	44	0.30	0.19	21	906
360730115093901	06-15-95	222	--	182	170	20	0.20	0.10	15	485
360816115090201	03-16-95	209	--	171	220	40	0.20	0.18	17	592
360940115133701	06-12-95	159	--	130	270	87	0.30	0.070	9.7	690
361001115112501	06-12-95	198	--	162	150	31	0.20	0.070	13	454
361120115140101	06-13-95	154	--	126	280	92	0.30	0.060	9.4	684
361123115082101	01-24-95	220	--	180	48	7.4	0.20	0.070	17	266
361136115101401	02-07-95	148	--	121	200	200	0.90	0.27	29	786
361206115153701	06-13-95	162	--	133	240	83	0.30	0.060	10	650
361208115142401	06-14-95	226	--	185	49	4.7	0.20	0.040	14	262
361241115024801	02-23-95	246	--	202	84	12	1.4	0.060	78	414
361303115140301	06-14-95	230	--	188	32	4.0	0.20	0.050	15	237
361412115023501	02-23-95	249	--	204	53	17	0.50	0.10	26	318
361544115132701	03-15-95	221	--	181	18	3.8	0.30	0.060	20	217
361602115165501	03-14-95	239	--	196	37	2.6	0.20	0.050	14	261
361835115153701	03-14-95	223	--	182	17	4.2	0.30	0.070	19	217
385255119482301	08-29-95	35	--	29	17	1.2	0.90	<0.010	19	79
385321119405002	08-24-95	231	--	189	66	17	<0.10	0.15	30	372
385352119455401	08-29-95	86	--	70	12	4.2	<0.10	0.010	46	150
385414119425401	08-23-95	103	--	84	22	6.2	<0.10	<0.010	31	165
385509119414801	08-24-95	144	--	118	21	8.9	0.10	0.070	29	193
385621119444501	08-30-95	217	--	178	21	6.8	<0.10	0.040	27	257
385654119431801	08-31-95	162	--	133	35	16	0.20	0.14	37	255
385719119454701	08-23-95	134	--	110	16	5.3	0.10	0.030	28	177
385926119481601	08-30-95	100	--	82	18	5.7	0.30	0.030	45	165
390015119500101	08-22-95	127	--	104	2.4	2.3	<0.10	0.020	24	139
390021119504301	08-28-95	177	--	145	10	1.7	0.10	0.020	22	183
390055119421901	07-24-95	167	--	137	22	9.8	0.30	0.12	64	272
390147119442801	07-24-95	151	--	124	29	9.1	1.1	0.090	60	253
390321119465301	07-19-95	58	3	53	57	8.6	2.1	<0.010	58	229
390457119491301	08-21-95	71	--	58	0.90	1.2	<0.10	0.020	18	83
390512119465601	07-25-95	174	--	142	17	15	0.40	0.090	30	232
390542119472001	08-21-95	106	--	87	18	12	1.3	0.050	32	170
392231119501901	06-22-95	199	--	163	4.6	6.1	<0.10	0.010	58	226
392404119434501	07-18-95	237	--	194	7.6	12	0.20	0.040	52	287
392414119474701	06-21-95	112	--	92	2.9	1.8	<0.10	0.010	59	166
392506119462201	06-19-95	106	--	87	2.8	0.80	<0.10	<0.010	62	164
392614119454501	06-28-95	96	--	79	3.1	0.60	<0.10	<0.010	65	147
392627119481901	08-02-95	242	--	198	13	6.6	0.20	0.040	46	275
392636119464401	08-01-95	138	--	113	2.9	2.0	<0.10	0.020	71	186
392718119463401	06-27-95	168	--	138	4.8	1.6	<0.10	0.020	67	209
392742119484501	08-02-95	133	--	109	24	3.1	0.20	0.030	73	221
392927119475601	06-29-95	135	--	111	210	21	2.4	0.080	85	572
393043119504901	06-20-95	140	--	115	54	9.6	<0.10	0.10	32	263
393045119500501	06-21-95	184	--	151	52	11	<0.10	0.080	39	303
393053119445601	06-28-95	129	--	106	20	8.4	0.10	0.020	36	193
393105119494001	08-01-95	173	--	142	67	8.3	<0.10	0.080	35	300
393127119471101	07-31-95	107	--	88	86	6.7	0.40	0.030	55	294
393145119452401	06-26-95	129	--	106	28	7.1	0.10	0.030	41	203
393158119454301	06-26-95	128	--	105	22	6.9	<0.10	0.050	47	201
393203119472801	06-22-95	201	--	165	59	14	0.10	0.11	48	340

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	DATE	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)
355657115104401	02-13-95	904	1.28	<0.010	1.30	<0.015	<0.20	<0.010	<0.010	2
360007115094801	01-24-95	934	1.34	<0.010	1.50	<0.015	<0.20	<0.010	<0.010	2
360358115065801	02-08-95	948	1.41	0.010	0.590	<0.015	<0.20	0.010	<0.010	2
360444115132301	02-16-95	745	1.10	<0.010	0.940	<0.015	<0.20	<0.010	<0.010	2
360559115100101	06-15-95	509	0.73	<0.010	1.20	0.020	<0.20	<0.010	<0.010	3
360719115095903	02-15-95	1010	1.48	<0.010	4.30	<0.015	<0.20	<0.010	<0.010	3
360728115072901	03-15-95	842	1.23	<0.010	1.70	<0.015	<0.20	<0.010	<0.010	2
360730115093901	06-15-95	461	0.66	<0.010	1.60	0.020	<0.20	<0.010	<0.010	4
360816115090201	03-16-95	552	0.81	<0.010	1.60	<0.015	<0.20	<0.010	<0.010	4
360940115133701	06-12-95	660	0.94	<0.010	0.440	0.020	<0.20	0.020	0.030	4
361001115112501	06-12-95	429	0.62	<0.010	0.710	0.020	<0.20	<0.010	<0.010	4
361120115140101	06-13-95	676	0.93	<0.010	0.440	0.020	<0.20	0.020	0.020	4
361123115082101	01-24-95	266	0.36	<0.010	0.440	<0.015	<0.20	<0.010	<0.010	2
361136115101401	02-07-95	752	1.07	0.050	2.40	<0.015	<0.20	<0.010	<0.010	2
361206115153701	06-13-95	615	0.88	<0.010	0.470	0.020	<0.20	0.020	0.020	3
361208115142401	06-14-95	270	0.36	<0.010	0.470	0.020	<0.20	<0.010	<0.010	4
361241115024801	02-23-95	412	0.56	<0.010	0.520	<0.015	<0.20	<0.010	<0.010	2
361303115140301	06-14-95	250	0.32	<0.010	0.500	<0.015	<0.20	<0.010	<0.010	4
361412115023501	02-23-95	329	0.43	<0.010	1.40	<0.015	<0.20	<0.010	0.010	1
361544115132701	03-15-95	224	0.30	<0.010	0.550	<0.015	<0.20	<0.010	<0.010	2
361602115165501	03-14-95	255	0.35	<0.010	0.350	<0.015	<0.20	<0.010	<0.010	2
361835115153701	03-14-95	224	0.30	<0.010	0.420	<0.015	<0.20	0.020	<0.010	2
385255119482301	08-29-95	78	0.11	<0.010	0.070	0.020	<0.20	0.030	0.020	9
385321119405002	08-24-95	350	0.51	<0.010	3.10	<0.015	<0.20	0.050	0.050	4
385352119455401	08-29-95	149	0.20	<0.010	2.00	<0.015	<0.20	0.090	0.100	4
385414119425401	08-23-95	161	0.22	<0.010	1.00	<0.015	<0.20	0.030	0.020	4
385509119414801	08-24-95	197	0.26	<0.010	1.40	<0.015	0.30	0.070	0.060	4
385621119444501	08-30-95	255	0.35	<0.010	1.80	<0.015	<0.20	0.040	0.040	5
385654119431801	08-31-95	256	0.35	<0.010	1.70	<0.015	<0.20	0.120	0.120	4
385719119454701	08-23-95	170	0.24	<0.010	0.630	<0.015	<0.20	0.020	0.020	4
385926119481601	08-30-95	169	0.22	<0.010	0.460	0.050	<0.20	0.070	0.080	4
390015119500101	08-22-95	145	0.19	<0.010	1.70	<0.015	<0.20	0.070	0.070	4
390021119504301	08-28-95	184	0.25	<0.010	0.210	<0.015	<0.20	0.030	0.010	4
390055119421901	07-24-95	264	0.37	<0.010	0.870	0.030	<0.20	<0.010	0.010	3
390147119442801	07-24-95	250	0.34	<0.010	1.20	0.030	<0.20	<0.010	0.020	2
390321119465301	07-19-95	221	0.31	<0.010	<0.050	0.140	<0.20	0.050	0.100	10
390457119491301	08-21-95	88	0.11	<0.010	1.10	<0.015	<0.20	<0.010	<0.010	6
390512119465601	07-25-95	237	0.32	<0.010	2.60	<0.015	<0.20	0.050	0.050	4
390542119472001	08-21-95	170	0.23	<0.010	0.360	<0.015	<0.20	0.040	0.040	4
392231119501901	06-22-95	231	0.31	<0.010	0.290	<0.015	<0.20	0.030	0.020	2
392404119434501	07-18-95	285	0.39	<0.010	1.20	0.030	<0.20	<0.010	0.030	2
392414119474701	06-21-95	165	0.23	<0.010	0.750	<0.015	<0.20	0.060	0.050	2
392506119462201	06-19-95	163	0.22	<0.010	0.630	<0.015	<0.20	0.090	0.050	4
392614119454501	06-28-95	149	0.20	<0.010	0.280	<0.015	<0.20	0.040	0.050	3
392627119481901	08-02-95	281	0.37	<0.010	1.70	0.020	<0.20	0.030	0.040	3
392636119464401	08-01-95	198	0.25	<0.010	1.70	0.020	<0.20	0.050	0.080	3
392718119463401	06-27-95	215	0.28	0.010	0.770	<0.015	<0.20	0.050	0.040	10
392742119484501	08-02-95	225	0.30	<0.010	0.590	0.030	<0.20	0.080	0.080	4
392927119475601	06-29-95	548	0.78	<0.010	<0.050	0.030	<0.20	<0.010	0.010	5
393043119504901	06-20-95	250	0.36	<0.010	1.90	<0.015	0.20	0.050	0.060	3
393045119500501	06-21-95	296	0.41	<0.010	3.50	0.020	<0.20	0.030	0.040	2
393053119445601	06-28-95	189	0.26	<0.010	1.00	0.030	<0.20	0.040	0.050	2
393105119494001	08-01-95	297	0.41	<0.010	2.70	<0.015	<0.20	0.020	0.030	4
393127119471101	07-31-95	291	0.40	<0.010	0.080	0.110	<0.20	0.560	0.190	6
393145119452401	06-26-95	201	0.28	<0.010	0.670	<0.015	<0.20	0.060	0.060	1
393158119454301	06-26-95	201	0.27	<0.010	1.30	<0.015	<0.20	0.060	0.050	3
393203119472801	06-22-95	334	0.46	<0.010	3.60	<0.015	<0.20	0.030	0.020	3

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	DATE	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)
355657115104401	02-13-95	<1	8	28	<1	<1.0	2	<1	6	15
360007115094801	01-24-95	<1	16	24	<1	<1.0	3	<1	3	32
360358115065801	02-08-95	<1	34	19	<1	<1.0	3	<1	6	5
360444115132301	02-16-95	<1	2	17	<1	<1.0	2	<1	4	10
360559115100101	06-15-95	<1	2	38	<1	<1.0	2	<1	3	24
360719115095903	02-15-95	<1	1	39	<1	<1.0	2	<1	5	12
360728115072901	03-15-95	<1	<1	37	<1	<1.0	2	<1	7	12
360730115093901	06-15-95	<1	1	38	<1	<1.0	1	<1	3	8
360816115090201	03-16-95	<1	1	42	<1	<1.0	3	<1	3	5
360940115133701	06-12-95	<1	2	95	<1	<1.0	<1	<1	4	5
361001115112501	06-12-95	<1	3	34	<1	<1.0	<1	<1	2	15
361120115140101	06-13-95	<1	2	130	<1	<1.0	<1	<1	1	5
361123115082101	01-24-95	<1	2	74	<1	<1.0	3	<1	4	<3
361136115101401	02-07-95	<1	33	32	<1	<1.0	8	<1	3	21
361206115153701	06-13-95	<1	2	130	<1	<1.0	<1	<1	3	14
361208115142401	06-14-95	<1	2	78	<1	<1.0	1	<1	3	7
361241115024801	02-23-95	<1	21	43	<1	<1.0	6	<1	2	<3
361303115140301	06-14-95	<1	1	81	<1	<1.0	1	<1	1	5
361412115023501	02-23-95	<1	15	110	<1	<1.0	6	<1	2	10
361544115132701	03-15-95	<1	2	140	<1	<1.0	3	<1	5	3
361602115165501	03-14-95	<1	<1	48	<1	<1.0	2	<1	2	4
361835115153701	03-14-95	<1	<1	140	<1	<1.0	3	<1	1	5
385255119482301	08-29-95	<1	3	4	<1	<1.0	<1	<1	<1	32
385321119405002	08-24-95	<1	4	130	<1	<1.0	4	<1	<1	<3
385352119455401	08-29-95	<1	2	66	<1	<1.0	1	<1	66	<3
385414119425401	08-23-95	<1	2	63	<1	<1.0	1	<1	<1	<3
385509119414801	08-24-95	<1	6	85	<1	<1.0	3	<1	3	<3
385621119444501	08-30-95	<1	2	130	<1	<1.0	2	<1	3	8
385654119431801	08-31-95	<1	8	83	<1	<1.0	2	<1	2	<3
385719119454701	08-23-95	<1	8	88	<1	<1.0	2	<1	3	4
385926119481601	08-30-95	<1	10	56	<1	<1.0	<1	<1	<1	26
390015119500101	08-22-95	<1	<1	16	<1	<1.0	2	<1	<1	11
390021119504301	08-28-95	<1	<1	22	<1	<1.0	2	<1	15	10
390055119421901	07-24-95	<1	10	14	<1	<1.0	2	<1	9	<3
390147119442801	07-24-95	<1	30	57	<1	<1.0	5	<1	<1	5
390321119465301	07-19-95	<1	37	15	<1	<1.0	<1	<1	2	58
390457119491301	08-21-95	<1	<1	8	<1	<1.0	1	<1	1	<3
390512119465601	07-25-95	<1	<1	46	<1	<1.0	2	<1	1	<3
390542119472001	08-21-95	<1	4	20	<1	<1.0	<1	<1	1	30
392231119501901	06-22-95	<1	<1	120	<1	<1.0	1	<1	28	15
392404119434501	07-18-95	2	24	66	<1	2.0	3	<1	3	34
392414119474701	06-21-95	<1	1	70	<1	<1.0	2	<1	5	<3
392506119462201	06-19-95	<1	4	62	<1	<1.0	2	<1	<1	<3
392614119454501	06-28-95	<1	7	45	<1	<1.0	3	<1	2	<3
392627119481901	08-02-95	1	16	200	<1	<1.0	3	<1	4	10
392636119464401	08-01-95	<1	2	99	<1	<1.0	2	<1	3	<3
392718119463401	06-27-95	<1	5	100	<1	16	20	<1	12	19
392742119484501	08-02-95	<1	4	46	<1	<1.0	<1	<1	4	<3
392927119475601	06-29-95	5	92	27	<1	<1.0	<1	<1	<1	17
393043119504901	06-20-95	<1	3	51	<1	<1.0	2	<1	1	4
393045119500501	06-21-95	<1	3	62	<1	<1.0	1	<1	2	5
393053119445601	06-28-95	<1	16	35	<1	<1.0	1	<1	2	6
393105119494001	08-01-95	<1	1	57	<1	<1.0	2	<1	4	<3
393127119471101	07-31-95	<1	83	24	<1	<1.0	1	<1	<1	12
393145119452401	06-26-95	<1	19	25	<1	<1.0	<1	<1	6	<3
393158119454301	06-26-95	<1	8	28	<1	<1.0	2	<1	2	<3
393203119472801	06-22-95	<1	6	81	<1	1.0	3	<1	2	<3

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	DATE	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MERCURY DIS-SOLVED (UG/L AS HG) (71890)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	RADIUM 228 DIS-SOLVED (PCI/L AS RA-228) (81366)
355657115104401	02-13-95	<1	10	--	6	4	2	<1.0	420	--
360007115094801	01-24-95	<1	4	--	7	10	2	<1.0	46	--
360358115065801	02-08-95	1	1	--	4	7	2	<1.0	4	--
360444115132301	02-16-95	<1	1	--	2	4	1	<1.0	78	--
360559115100101	06-15-95	<1	<1	--	2	9	2	<1.0	7	--
360719115095903	02-15-95	<1	2	--	2	4	2	<1.0	4	--
360728115072901	03-15-95	2	<1	--	4	4	5	<1.0	4	--
360730115093901	06-15-95	1	<1	--	1	9	2	<1.0	2	--
360816115090201	03-16-95	<1	<1	--	1	3	2	<1.0	8	--
360940115133701	06-12-95	<1	<1	--	4	7	3	<1.0	70	--
361001115112501	06-12-95	<1	<1	--	1	7	2	<1.0	6	--
361120115140101	06-13-95	<1	<1	--	4	6	3	<1.0	76	--
361123115082101	01-24-95	2	<1	--	<1	3	1	<1.0	1	--
361136115101401	02-07-95	<1	2	--	7	3	2	<1.0	35	--
361206115153701	06-13-95	<1	<1	--	4	9	2	<1.0	58	--
361208115142401	06-14-95	<1	<1	--	1	5	<1	<1.0	8	--
361241115024801	02-23-95	<1	<1	--	7	<1	<1	<1.0	4	--
361303115140301	06-14-95	<1	<1	--	<1	4	1	<1.0	2	--
361412115023501	02-23-95	1	<1	--	6	<1	1	<1.0	5	--
361544115132701	03-15-95	1	<1	--	1	1	1	<1.0	24	--
361602115165501	03-14-95	<1	<1	--	<1	2	1	<1.0	41	--
361835115153701	03-14-95	<1	<1	--	2	1	1	<1.0	33	--
385255119482301	08-29-95	<1	6	--	46	<1	<1	<1.0	1	--
385321119405002	08-24-95	<1	<1	--	<1	2	5	<1.0	16	--
385352119455401	08-29-95	<1	<1	--	<1	<1	<1	<1.0	22	--
385414119425401	08-23-95	<1	<1	<0.1	<1	<1	<1	<1.0	13	<1.0
385509119414801	08-24-95	<1	<1	--	3	<1	<1	<1.0	41	--
385621119444501	08-30-95	<1	<1	<0.1	<1	<1	<1	<1.0	37	<1.0
385654119431801	08-31-95	<1	2	--	5	<1	<1	<1.0	43	--
385719119454701	08-23-95	<1	1	<0.1	<1	<1	<1	<1.0	17	<1.0
385926119481601	08-30-95	<1	38	--	18	<1	<2	<1.0	<1	--
390015119500101	08-22-95	<1	<1	--	6	<1	<1	<1.0	27	--
390021119504301	08-28-95	<1	<1	--	17	1	<1	<1.0	31	--
390055119421901	07-24-95	<1	<1	--	13	2	<1	<1.0	50	--
390147119442801	07-24-95	<1	<1	--	9	4	<1	<1.0	35	--
390321119465301	07-19-95	<1	10	--	89	<1	<1	<1.0	<1	--
390457119491301	08-21-95	<1	<1	--	<1	<1	<1	<1.0	2	--
390512119465601	07-25-95	<1	<1	--	2	1	<1	<1.0	4	--
390542119472001	08-21-95	<1	1	--	13	<1	<1	<1.0	26	--
392231119501901	06-22-95	<1	5	--	1	6	<1	<1.0	210	--
392404119434501	07-18-95	<1	1	--	<1	6	<1	<1.0	<1	--
392414119474701	06-21-95	1	<1	--	2	5	<1	8.0	8	--
392506119462201	06-19-95	<1	<1	--	2	3	<1	<1.0	<1	--
392614119454501	06-28-95	<1	<1	--	2	3	<1	<1.0	2	--
392627119481901	08-02-95	1	26	--	2	2	<1	<1.0	56	--
392636119464401	08-01-95	2	<1	--	<1	<1	<1	<1.0	2	--
392718119463401	06-27-95	3	<1	--	1	5	<1	<1.0	6	--
392742119484501	08-02-95	<1	<1	--	3	1	<1	<1.0	74	--
392927119475601	06-29-95	<1	21	--	29	1	<1	<1.0	1	--
393043119504901	06-20-95	<1	<1	--	1	4	<1	<1.0	3	--
393045119500501	06-21-95	3	3	--	2	7	<1	<1.0	1	--
393053119445601	06-28-95	2	<1	--	2	4	<1	<1.0	2	--
393105119494001	08-01-95	3	<1	--	<1	3	<1	<1.0	5	--
393127119471101	07-31-95	<1	53	--	11	<1	<1	<1.0	1	--
393145119452401	06-26-95	2	<1	--	4	4	<1	<1.0	5	--
393158119454301	06-26-95	2	<1	--	2	3	<1	<1.0	3	--
393203119472801	06-22-95	1	<1	--	2	6	1	<1.0	1	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	DATE	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)	RADON 222 TOTAL (PCI/L) (82303)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	PHENOLS TOTAL (UG/L) (32730)	BENZENE TOTAL (UG/L) (34030)
355657115104401	02-13-95	-96.3	-12.4	120	16	8.0	0.10	<1	<0.200
360007115094801	01-24-95	-92.9	-12.6	650	28	7.0	0.10	<1	<0.200
360358115065801	02-08-95	-94.3	-12.4	E950	--	3.0	0.40	<1	<0.200
360444115132301	02-16-95	-89.4	-12.2	470	38	3.0	0.20	<1	<0.200
360559115100101	06-15-95	-96.8	-13.3	440	33	3.0	0.20	1	<0.200
360719115095903	02-15-95	-94.3	-12.7	270	19	8.0	0.70	<1	<0.200
360728115072901	03-15-95	-96.6	-12.9	270	22	6.0	0.30	2	<0.200
360730115093901	06-15-95	-97.5	-13.2	380	31	2.0	0.60	2	<0.200
360816115090201	03-16-95	-98.3	-13.2	230	18	3.0	0.20	20	<0.200
360940115133701	06-12-95	-97.7	-12.0	380	24	4.0	1.4	<1	<0.200
361001115112501	06-12-95	-96.9	-12.4	390	25	3.0	0.30	<1	<0.200
361120115140101	06-13-95	-99.0	-11.9	370	24	4.0	1.4	4	<0.200
361123115082101	01-24-95	-99.6	-13.5	250	22	2.0	<0.10	1	<0.200
361136115101401	02-07-95	-96.4	-12.9	E760	--	8.0	0.20	4	<0.200
361206115153701	06-13-95	-96.1	-12.1	400	24	4.0	1.3	<1	<0.200
361208115142401	06-14-95	-104.0	-13.8	350	21	2.0	0.30	<1	<0.200
361241115024801	02-23-95	-101.0	-14.0	550	35	4.0	0.20	<1	<0.200
361303115140301	06-14-95	-102.0	-13.8	350	22	2.0	>0.10	<1	<0.200
361412115023501	02-23-95	-97.5	-13.1	360	31	2.0	0.30	<1	<0.200
361544115132701	03-15-95	-98.7	-13.3	310	22	1.0	7.5	4	<0.200
361602115165501	03-14-95	-102.0	-13.7	650	30	2.0	0.10	2	<0.200
361835115153701	03-14-95	-98.3	-13.4	420	26	2.0	0.10	1	<0.200
385255119482301	08-29-95	-118.0	-15.9	3300	52	8.0	0.20	1	<0.200
385321119405002	08-24-95	-111.0	-14.5	770	38	7.0	0.60	<1	<0.200
385352119455401	08-29-95	-104.0	-13.7	1500	36	<1.0	0.40	<1	<0.200
385414119425401	08-23-95	-110.0	-14.6	1200	39	<1.0	0.20	<1	<0.200
385509119414801	08-24-95	-114.0	-15.0	840	39	2.0	0.10	<1	<0.200
385621119444501	08-30-95	-104.0	-14.0	1000	34	5.0	0.70	<1	<0.200
385654119431801	08-31-95	-106.0	-14.3	940	30	3.0	0.70	<1	<0.200
385719119454701	08-23-95	-113.0	-15.1	700	31	3.0	<0.10	<1	<0.200
385926119481601	08-30-95	-113.0	-15.3	730	29	6.0	0.50	<1	<0.200
390015119500101	08-22-95	-111.0	-15.0	2100	46	15	0.20	<1	<0.200
390021119504301	08-28-95	-108.0	-14.2	710	26	2.0	0.30	1	<0.200
390055119421901	07-24-95	-127.0	-15.9	510	27	3.0	2.7	3	<0.200
390147119442801	07-24-95	-122.0	-15.8	570	27	2.0	0.20	3	<0.200
390321119465301	07-19-95	--	--	700	26	<1.0	0.70	<1	<0.200
390457119491301	08-21-95	-109.0	-14.8	920	34	2.0	0.30	<1	<0.200
390512119465601	07-25-95	-106.0	-13.7	1600	37	6.0	0.40	2	<0.200
390542119472001	08-21-95	-110.0	-14.0	2000	46	3.0	--	<1	<0.200
392231119501901	06-22-95	-116.0	-15.4	530	34	4.0	0.10	<1	<0.200
392404119434501	07-18-95	-128.0	-17.0	300	20	<1.0	0.50	3	<0.200
392414119474701	06-21-95	-117.0	-15.4	930	34	3.0	0.30	<1	<0.200
392506119462201	06-19-95	-116.0	-15.5	1100	39	3.0	0.10	<1	<0.200
392614119454501	06-28-95	-117.0	-15.8	960	33	2.0	0.10	2	<0.200
392627119481901	08-02-95	-95.2	-12.3	1500	42	3.0	0.80	3	<0.200
392636119464401	08-01-95	-103.0	-13.4	760	31	2.0	0.20	<1	<0.200
392718119463401	06-27-95	-109.0	-14.5	--	--	3.0	<0.10	<1	<0.200
392742119484501	08-02-95	-97.9	-12.7	950	34	<1.0	0.20	<1	<0.200
392927119475601	06-29-95	-117.0	-15.0	360	31	<1.0	1.7	<1	<0.200
393043119504901	06-20-95	-101.0	-12.4	820	32	2.0	0.20	<1	<0.200
393045119500501	06-21-95	-95.0	-12.0	890	34	4.0	0.20	<1	<0.200
393053119445601	06-28-95	-88.2	-11.2	690	30	2.0	0.30	<1	<0.200
393105119494001	08-01-95	-93.4	-11.8	890	32	3.0	0.30	3	<0.200
393127119471101	07-31-95	-102.0	-13.0	580	25	<1.0	0.20	<1	<0.200
393145119452401	06-26-95	-91.2	-11.5	580	27	2.0	--	1	<0.200
393158119454301	06-26-95	-91.4	-11.6	690	28	3.0	0.20	<1	<0.200
393203119472801	06-22-95	-89.8	-11.4	470	34	7.0	0.20	1	<0.200

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

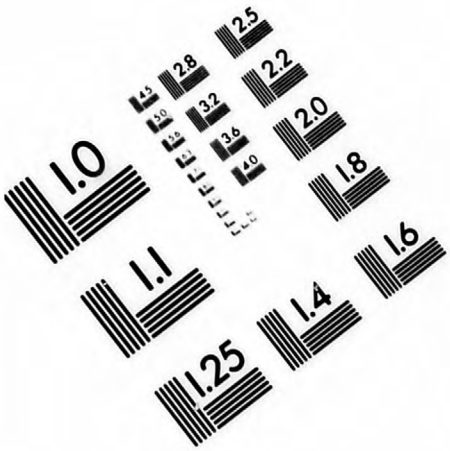
STATION NUMBER	DATE	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) 2106)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	ETHYL-BENZENE TOTAL (UG/L) (34371)	METHYL-BROMIDE TOTAL (UG/L) (34413)
355657115104401	02-13-95	<0.200	<0.200	<0.200	<0.200	<0.200	200	<0.200	<0.200	<0.200	<0.200
360007115094801	01-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	00	<0.200	<0.200	<0.200	<0.200
360358115065801	02-08-95	<0.200	<0.200	<0.200	<0.200	<0.200	0	<0.200	<0.200	<0.200	<0.200
360444115132301	02-16-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0	<0.200	<0.200	<0.200	<0.200
360559115100101	06-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	0.90	<0.200	<0.200	<0.200	<0.200
360719115095903	02-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	3.80	<0.200	<0.200	<0.200	<0.200
360728115072901	03-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	0.500	<0.200	<0.200	<0.200	<0.200
360730115093901	06-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	0.500	<0.200	<0.200	<0.200	<0.200
360816115090201	03-16-95	<0.200	<0.200	<0.200	<0.200	<0.200	1.30	0.400	<0.200	<0.200	<0.200
360940115133701	06-12-95	<0.200	0.900	<0.200	6.30	<0.200	21.0	<0.200	16.0	<0.200	<0.200
361001115112501	06-12-95	<0.200	<0.200	<0.200	<0.200	<0.200	8.20	<0.200	3.80	<0.200	<0.200
361120115140101	06-13-95	<0.200	3.50	<0.200	21.0	<0.200	23.0	<0.200	23.0	<0.200	<0.200
361123115082101	01-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361136115101401	02-07-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361206115153701	06-13-95	<0.200	3.20	<0.200	19.0	<0.200	21.0	<0.200	21.0	<0.200	<0.200
361208115142401	06-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	0.200	<0.200	<0.200	<0.200	<0.200
361241115024801	02-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361303115140301	06-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	0.300	<0.200	<0.200	<0.200	<0.200
361412115023501	02-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	0.400	<0.200	<0.200	<0.200	<0.200
361544115132701	03-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361602115165501	03-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361835115153701	03-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385255119482301	08-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385321119405002	08-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385352119455401	08-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385414119425401	08-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385509119414801	08-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385621119444501	08-30-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385654119431801	08-31-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385719119454701	08-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385926119481601	08-30-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390015119500101	08-22-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390021119504301	08-28-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390055119421901	07-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390147119442801	07-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390321119465301	07-19-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390457119491301	08-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390512119465601	07-25-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390542119472001	08-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392231119501901	06-22-95	<0.200	0.400	<0.200	<0.200	<0.200	0.300	0.300	<0.200	<0.200	<0.200
392404119434501	07-18-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392414119474701	06-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392506119462201	06-19-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392614119454501	06-28-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392627119481901	08-02-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392636119464401	08-01-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392718119463401	06-27-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392742119484501	08-02-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392927119475601	06-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393043119504901	06-20-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393045119500501	06-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	0.300	<0.200	<0.200	<0.200	<0.200
393053119445601	06-28-95	<0.200	<0.200	<0.200	<0.200	<0.200	0.400	<0.200	<0.200	<0.200	<0.200
393105119494001	08-01-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393127119471101	07-31-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393145119452401	06-26-95	<0.200	<0.200	<0.200	<0.200	<0.200	0.300	<0.200	<0.200	<0.200	<0.200
393158119454301	06-26-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393203119472801	06-22-95	<0.200	<0.200	<0.200	<0.200	<0.200	0.300	<0.200	<0.200	<0.200	<0.200

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	DATE	METHYL-CHLORIDE TOTAL (UG/L) (34418)	METHYLENE CHLORIDE TOTAL (UG/L) (34423)	1,2-DIBROMOETHANE WATER WHOLE TOTAL (UG/L) (77651)	TETRACHLOROETHYLENE TOTAL (UG/L) (34475)	TRICHLOROFLUOROMETHANE TOTAL (UG/L) (34488)	TOLUENE TOTAL (UG/L) (34010)	TRICHLOROETHYLENE TOTAL (UG/L) (39180)	STYRENE TOTAL (UG/L) (77128)	VINYL CHLORIDE TOTAL (UG/L) (39175)
355657115104401	02-13-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360007115094801	01-24-95	<0.200	<1.70	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360358115065801	02-08-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360444115132301	02-16-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360559115100101	06-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360719115095903	02-15-95	<0.200	<0.200	<0.200	<0.200	0.600	<0.200	<0.200	<0.200	<0.200
360728115072901	03-15-95	<0.200	<0.200	<0.200	21.0	<0.200	<0.200	0.500	<0.200	<0.200
360730115093901	06-15-95	<0.200	<0.200	<0.200	<0.200	1.40	<0.200	<0.200	<0.200	<0.200
360816115090201	03-16-95	<0.200	<0.200	<0.200	0.400	<0.200	<0.200	<0.200	<0.200	<0.200
360940115133701	06-12-95	<0.200	1.50	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361001115112501	06-12-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361120115140101	06-13-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361123115082101	01-24-95	<0.200	<1.70	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361136115101401	02-07-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361206115153701	06-13-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361208115142401	06-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361241115024801	02-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361303115140301	06-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361412115023501	02-23-95	<0.200	<0.200	<0.200	<0.200	0.500	<0.200	<0.200	<0.200	<0.200
361544115132701	03-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361602115165501	03-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361835115153701	03-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385255119482301	08-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385321119405002	08-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385352119455401	08-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385414119425401	08-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385509119414801	08-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385621119444501	08-30-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385654119431801	08-31-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385719119454701	08-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385926119481601	08-30-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390015119500101	08-22-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390021119504301	08-28-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390055119421901	07-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390147119442801	07-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390321119465301	07-19-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390457119491301	08-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390512119465601	07-25-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390542119472001	08-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392231119501901	06-22-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392404119434501	07-18-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392414119474701	06-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392506119462201	06-19-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392614119454501	06-28-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392627119481901	08-02-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392636119464401	08-01-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392718119463401	06-27-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392742119484501	08-02-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392927119475601	06-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393043119504901	06-20-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393045119500501	06-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393053119445601	06-28-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393105119494001	08-01-95	<0.200	<0.200	<0.200	1.10	<0.200	<0.200	<0.200	<0.200	<0.200
393127119471101	07-31-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393145119452401	06-26-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393158119454301	06-26-95	<0.200	<0.200	<0.200	0.800	<0.200	<0.200	<0.200	<0.300	<0.200
393203119472801	06-22-95	<0.200	<0.200	<0.200	1.30	<0.200	<0.200	2.20	<0.200	<0.200

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	DATE	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)
355657115104401	02-13-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360007115094801	01-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360358115065801	02-08-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360444115132301	02-16-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360559115100101	06-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360719115095903	02-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360728115072901	03-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360730115093901	06-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360816115090201	03-16-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360940115133701	06-12-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361001115112501	06-12-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361120115140101	06-13-95	0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361123115082101	01-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361136115101401	02-07-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361206115153701	06-13-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361208115142401	06-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361241115024801	02-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361303115140301	06-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361412115023501	02-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361544115132701	03-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361602115165501	03-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361835115153701	03-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385255119482301	08-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385321119405002	08-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385352119455401	08-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385414119425401	08-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385509119414801	08-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385621119444501	08-30-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385654119431801	08-31-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385719119454701	08-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385926119481601	08-30-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390015119500101	08-22-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390021119504301	08-28-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390055119421901	07-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390147119442801	07-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390321119465301	07-19-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390457119491301	08-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390512119465601	07-25-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390542119472001	08-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392231119501901	06-22-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392404119434501	07-18-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392414119474701	06-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392506119462201	06-19-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392614119454501	06-28-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392627119481901	08-02-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392636119464401	08-01-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392718119463401	06-27-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392742119484501	08-02-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392927119475601	06-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393043119504901	06-20-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393045119500501	06-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393053119445601	06-28-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393105119494001	08-01-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393127119471101	07-31-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393145119452401	06-26-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393158119454301	06-26-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393203119472801	06-22-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200



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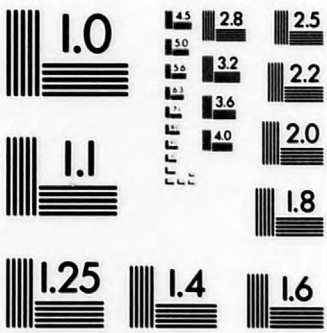

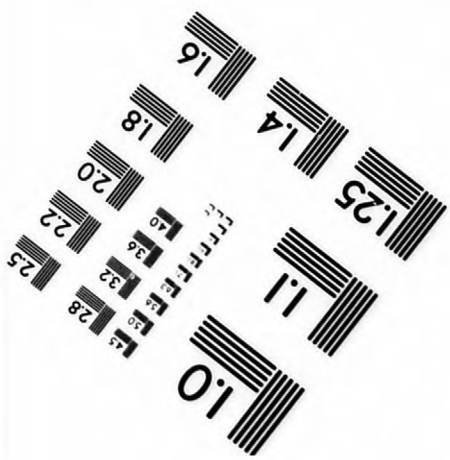

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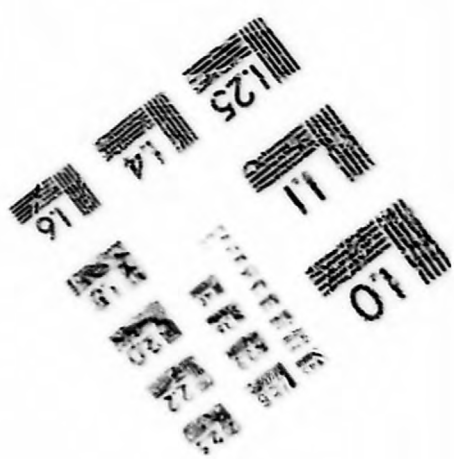


WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	DATE	1,2-TRANSDICHLOROETHENE TOTAL (UG/L) (34546)	BENZENE 1,2,4-TRICHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 1,3-DICHLORO-WATER UNFLTRD REC (UG/L) (34566)	BENZENE 1,4-DICHLORO-WATER UNFLTRD REC (UG/L) (34571)	NAPHTHALENE TOTAL (UG/L) (34696)	TRANS-1,3-DICHLOROPROPENE TOTAL (UG/L) (34699)	CIS 1,3-DICHLOROPROPENE TOTAL (UG/L) (34704)	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	HEXACHLOROBUTADIENE TOTAL (UG/L) (39702)
355657115104401	02-13-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
360007115094801	01-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
360358115065801	02-08-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.55	<0.200
360444115132301	02-16-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
360559115100101	06-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
360719115095903	02-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
360728115072901	03-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
360730115093901	06-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.02	<0.200
360816115090201	03-16-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
360940115133701	06-12-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
361001115112501	06-12-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.02	<0.200
361120115140101	06-13-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
361123115082101	01-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
361136115101401	02-07-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
361206115153701	06-13-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
361208115142401	06-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
361241115024801	02-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
361303115140301	06-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.02	<0.200
361412115023501	02-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
361544115132701	03-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
361602115165501	03-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
361835115153701	03-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
385255119482301	08-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
385321119405002	08-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
385352119455401	08-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
385414119425401	08-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
385509119414801	08-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
385621119444501	08-30-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
385654119431801	08-31-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
385719119454701	08-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
385926119481601	08-30-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
390015119500101	08-22-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
390021119504301	08-28-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
390055119421901	07-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
390147119442801	07-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
390321119465301	07-19-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
390457119491301	08-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
390512119465601	07-25-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
390542119472001	08-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
392231119501901	06-22-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
392404119434501	07-18-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.03	<0.200
392414119474701	06-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
392506119462201	06-19-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
392614119454501	06-28-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
392627119481901	08-02-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
392636119464401	08-01-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
392718119463401	06-27-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
392742119484501	08-02-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
392927119475601	06-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
393043119504901	06-20-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
393045119500501	06-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
393053119445601	06-28-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
393105119494001	08-01-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
393127119471101	07-31-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
393145119452401	06-26-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
393158119454301	06-26-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200
393203119472801	06-22-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	DATE	CIS-1,2 -DI- CHLORO- ETHENE WATER TOTAL (UG/L) (77093)	1,1-DI CHLORO- PRO- PENE, WAT, WH TOTAL (UG/L) (77168)	2,2-DI CHLORO- PRO- PANE WAT, WH TOTAL (UG/L) (77170)	1,3-DI- CHLORO- PROPANE WAT. WH TOTAL (UG/L) (77173)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	ISO- PROPYL- BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	O- CHLORO- TOLUENE WATER WHOLE TOTAL (UG/L) (77275)
355657115104401	02-13-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360007115094801	01-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360358115065801	02-08-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360444115132301	02-16-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360559115100101	06-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360719115095903	02-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360728115072901	03-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360730115093901	06-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360816115090201	03-16-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360940115133701	06-12-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361001115112501	06-12-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361120115140101	06-13-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361123115082101	01-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361136115101401	02-07-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361206115153701	06-13-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361208115142401	06-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361241115024801	02-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361303115140301	06-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361412115023501	02-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361544115132701	03-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361602115165501	03-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361835115153701	03-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385255119482301	08-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385321119405002	08-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385352119455401	08-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385414119425401	08-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385509119414801	08-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385621119444501	08-30-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385654119431801	08-31-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385719119454701	08-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385926119481601	08-30-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390015119500101	08-22-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390021119504301	08-28-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390055119421901	07-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390147119442801	07-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390321119465301	07-19-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390457119491301	08-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390512119465601	07-25-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390542119472001	08-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392231119501901	06-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392404119434501	07-18-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392414119474701	06-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392506119462201	06-19-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392614119454501	06-28-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392627119481901	08-02-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392636119464401	08-01-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392718119463401	06-27-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392742119484501	08-02-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392927119475601	06-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393043119504901	06-20-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393045119500501	06-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393053119445601	06-28-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393105119494001	08-01-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393127119471101	07-31-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393145119452401	06-26-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393158119454301	06-26-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393203119472801	06-22-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	DATE	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE SEC BUTYL- WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT- BUTYL- WATER UNFLTRD REC (UG/L) (77353)	P-ISO- PROPYL- TOLUENE WATER WHOLE REC (UG/L) (77356)	123-TRI CHLORO- PROPANE WATER WHOLE TOTAL (UG/L) (77443)	ETHANE, 1112- TETRA- CHLORO- WAT UNF REC (UG/L) (77562)	1,2,3- TRI- CHLORO BENZENE WAT, WH REC (UG/L) (77613)
355657115104401	02-13-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360007115094801	01-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360358115065801	02-08-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360444115132301	02-16-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360559115100101	06-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360719115095903	02-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360728115072901	03-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360730115093901	06-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360816115090201	03-16-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
360940115133701	06-12-95	<0.200	0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361001115112501	06-12-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361120115140101	06-13-95	<0.200	0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361123115082101	01-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361136115101401	02-07-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361206115153701	06-13-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361208115142401	06-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361241115024801	02-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361303115140301	06-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361412115023501	02-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361544115132701	03-15-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361602115165501	03-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
361835115153701	03-14-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385255119482301	08-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385321119405002	08-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385352119455401	08-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385414119425401	08-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385509119414801	08-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385621119444501	08-30-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385654119431801	08-31-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385719119454701	08-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385926119481601	08-30-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390015119500101	08-22-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390021119504301	08-28-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390055119421901	07-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390147119442801	07-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390321119465301	07-19-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390457119491301	08-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390512119465601	07-25-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390542119472001	08-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392231119501901	06-22-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392404119434501	07-18-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392414119474701	06-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392506119462201	06-19-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392614119454501	06-28-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392627119481901	08-02-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392636119464401	08-01-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392718119463401	06-27-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392742119484501	08-02-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392927119475601	06-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393043119504901	06-20-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393045119500501	06-21-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393053119445601	06-28-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393105119494001	08-01-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393127119471101	07-31-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393145119452401	06-26-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393158119454301	06-26-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
393203119472801	06-22-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	DATE	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	XYLENE WATER UNFLTRD REC (UG/L) (81551)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	DIBROMO CHLORO-, PROPANEG, WATER R, WHOLE RD TOT.REC (UG/L) NT (82625)5)
355657115104401	02-13-95	<0.200	<0.200	<0.200	<0.200	<1.00
360007115094801	01-24-95	<0.200	<0.200	<0.200	<0.200	<1.00
360358115065801	02-08-95	<0.200	<0.200	<0.200	<0.200	<1.00
360444115132301	02-16-95	<0.200	<0.200	<0.200	<0.200	<1.00
360559115100101	06-15-95	<0.200	<0.200	<0.200	<0.200	<1.00
360719115095903	02-15-95	<0.200	0.300	<0.200	<0.200	<1.00
360728115072901	03-15-95	<0.200	<0.200	<0.200	<0.200	<1.00
360730115093901	06-15-95	<0.200	<0.200	<0.200	<0.200	<1.00
360816115090201	03-16-95	<0.200	<0.200	<0.200	<0.200	<1.00
360940115133701	06-12-95	<0.200	<0.200	<0.200	<0.200	<1.00
361001115112501	06-12-95	<0.200	<0.200	<0.200	<0.200	<1.00
361120115140101	06-13-95	<0.200	<0.200	<0.200	<0.200	<1.00
361123115082101	01-24-95	<0.200	<0.200	<0.200	<0.200	<1.00
361136115101401	02-07-95	<0.200	<0.200	<0.200	<0.200	<1.00
361206115153701	06-13-95	<0.200	<0.200	<0.200	<0.200	<1.00
361208115142401	06-14-95	<0.200	<0.200	<0.200	<0.200	<1.00
361241115024801	02-23-95	<0.200	<0.200	<0.200	<0.200	<1.00
361303115140301	06-14-95	<0.200	<0.200	<0.200	<0.200	<1.00
361412115023501	02-23-95	<0.200	<0.200	<0.200	<0.200	<1.00
361544115132701	03-15-95	<0.200	<0.200	<0.200	<0.200	<1.00
361602115165501	03-14-95	<0.200	<0.200	<0.200	<0.200	<1.00
361835115153701	03-14-95	<0.200	<0.200	<0.200	<0.200	<1.00
385255119482301	08-29-95	<0.200	<0.200	<0.200	<0.200	<1.00
385321119405002	08-24-95	<0.200	<0.200	<0.200	<0.200	<1.00
385352119455401	08-29-95	<0.200	<0.200	<0.200	<0.200	<1.00
385414119425401	08-23-95	<0.200	<0.200	<0.200	<0.200	<1.00
385509119414801	08-24-95	<0.200	<0.200	<0.200	<0.200	<1.00
385621119444501	08-30-95	<0.200	<0.200	<0.200	<0.200	<1.00
385654119431801	08-31-95	<0.200	<0.200	<0.200	<0.200	<1.00
385719119454701	08-23-95	<0.200	<0.200	<0.200	<0.200	<1.00
385926119481601	08-30-95	<0.200	<0.200	<0.200	<0.200	<1.00
390015119500101	08-22-95	<0.200	<0.200	<0.200	<0.200	<1.00
390021119504301	08-28-95	<0.200	<0.200	<0.200	<0.200	<1.00
390055119421901	07-24-95	<0.200	<0.200	<0.200	<0.200	<1.00
390147119442801	07-24-95	<0.200	<0.200	<0.200	<0.200	<1.00
390321119465301	07-19-95	<0.200	<0.200	<0.200	<0.200	<1.00
390457119491301	08-21-95	<0.200	<0.200	<0.200	<0.200	<1.00
390512119465601	07-25-95	<0.200	<0.200	<0.200	<0.200	<1.00
390542119472001	08-21-95	<0.200	<0.200	<0.200	<0.200	<1.00
392231119501901	06-22-95	<0.200	<0.200	<0.200	<0.200	<1.00
392404119434501	07-18-95	<0.200	<0.200	<0.200	<0.200	<1.00
392414119474701	06-21-95	<0.200	<0.200	<0.200	<0.200	<1.00
392506119462201	06-19-95	<0.200	<0.200	<0.200	<0.200	<1.00
392614119454501	06-28-95	<0.200	<0.200	<0.200	<0.200	<1.00
392627119481901	08-02-95	<0.200	<0.200	<0.200	<0.200	<1.00
392636119464401	08-01-95	<0.200	<0.200	<0.200	<0.200	<1.00
392718119463401	06-27-95	<0.200	<0.200	<0.200	<0.200	<1.00
392742119484501	08-02-95	<0.200	<0.200	<0.200	<0.200	<1.00
392927119475601	06-29-95	<0.200	<0.200	<0.200	<0.200	<1.00
393043119504901	06-20-95	<0.200	<0.200	<0.200	<0.200	<1.00
393045119500501	06-21-95	<0.200	<0.200	<0.200	<0.200	<1.00
393053119445601	06-28-95	<0.200	<0.200	<0.200	<0.200	<1.00
393105119494001	08-01-95	<0.200	<0.200	<0.200	<0.200	<1.00
393127119471101	07-31-95	<0.200	<0.200	<0.200	<0.200	<1.00
393145119452401	06-26-95	<0.200	<0.200	<0.200	<0.200	<1.00
393158119454301	06-26-95	<0.200	<0.200	<0.200	<0.200	<1.00
393203119472801	06-22-95	<0.200	<0.200	<0.200	<0.200	<1.00

Water-quality measurements in the following table were made as part of the National Water-Quality Assessment Program (NAWQA) in the South Lake Tahoe area, California. The following sites are shown in figure 36.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	LOCAL WELL NUMBER	DATE	TIME	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)
385522119580201	90 N12 E18 03DAAB1	09-06-95	1400	6260	57.72	335.00	107	9.3
385522119580202	90 N12 E18 03DAAB2	08-17-95	1430	6260	--	255.00	97	8.6
385522119580203	90 N12 E18 03DAAB3	08-18-95	1020	6260	--	163.00	88	7.5
385522119580204	90 N12 E18 03DAAB4	08-29-95	1530	6260	--	135.00	110	7.4
385557120015101	90 N13 E18 06ACCB1	09-21-95	1200	6240	--	21.85	152	7.9
385557120015102	90 N13 E18 06ACCB2	09-20-95	1420	6240	7.61	15.25	269	6.5
385557120015103	90 N13 E18 06ACCB3	09-20-95	1145	6240	7.55	15.25	539	5.8
385558120015001	90 N13 E18 06ABCC1	09-05-95	1430	6235	0.13	10.28	271	6.9
385558120015002	90 N13 E18 06ABCC2	09-19-95	1315	6235	--	7.15	267	5.9
385558120015101	90 N13 E18 06ACCB4	09-01-95	1150	6235	3.02	22.28	212	6.4
385558120015102	90 N13 E18 06ACBB5	09-01-95	1430	6235	1.87	8.40	180	5.6
385613120014801	90 N13 E18 06ABBC1	08-31-95	1200	6235	3.88	20.45	150	6.4
385613120014802	90 N13 E18 06ABBC2	08-31-95	1400	6235	4.00	10.30	120	5.9

DATE	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	SODIUM AD-SORP-TION RATIO (00931)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)
09-06-95	21.0	11.0	605	5.4	62	0	0.06	0.02	20	18	0.20
08-17-95	--	12.0	605	2.3	27	33	12	0.63	14	1	1.0
08-18-95	--	10.5	605	0.6	7	31	9.5	1.7	7.4	0.6	1.6
08-29-95	22.0	13.5	605	0.2	3	22	6.5	1.3	9.0	0.8	5.6
09-21-95	--	10.0	--	--	--	60	17	4.3	8.8	0.5	1.3
09-20-95	--	11.5	610	2.8	32	78	21	6.2	20	1	1.5
09-20-95	--	12.0	610	0.8	9	130	38	7.8	48	2	0.90
09-05-95	19.5	10.5	605	--	--	79	23	5.3	16	0.8	1.0
09-19-95	20.0	12.0	610	2.1	24	61	17	4.6	23	1	0.70
09-01-95	18.5	9.5	605	1.3	14	67	18	5.3	12	0.6	1.0
09-01-95	21.0	12.0	605	0.3	4	42	12	2.8	12	0.8	0.60
08-31-95	--	11.5	605	0.3	3	36	9.6	2.9	9.8	0.7	1.9
08-31-95	--	17.5	605	0.2	3	34	8.8	2.9	11	0.8	2.3

DATE	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)
09-06-95	25	10	36	4.3	0.50	0.20	<0.010	13	61	61
08-17-95	61	1	52	2.6	3.3	<0.10	0.010	21	90	86
08-18-95	52	--	43	1.8	1.6	<0.10	0.010	27	79	76
08-29-95	62	--	50	1.9	2.2	<0.10	0.020	34	86	93
09-21-95	94	--	77	1.2	2.6	<0.10	<0.010	25	104	109
09-20-95	80	--	66	1.0	37	<0.10	0.010	32	167	158
09-20-95	48	--	40	1.4	140	<0.10	0.020	22	324	282
09-05-95	88	--	72	2.2	36	<0.10	0.020	35	177	164
09-19-95	37	--	31	5.7	56	<0.10	0.030	26	172	152
09-01-95	56	--	46	0.70	32	<0.10	0.020	31	139	128
09-01-95	22	--	18	0.50	37	<0.10	0.010	20	121	96
08-31-95	56	--	46	2.4	14	<0.10	<0.010	26	127	103
08-31-95	39	--	32	0.30	15	<0.10	<0.010	12	94	73

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)
09-06-95	0.08	100	<1	3	<1	<1	<1.0	<1	<1	<1
08-17-95	0.12	C	<1	<1	4	<1	<1.0	<1	<1	<1
08-18-95	0.11	3	<1	<1	11	<1	<1.0	<1	<1	<1
08-29-95	0.12	3	<1	<1	10	<1	<1.0	<1	<1	<1
09-21-95	0.14	5	<1	1	13	<1	<1.0	<1	<1	<1
09-20-95	0.23	5	<1	<1	19	<1	<1.0	<1	7	<1
09-20-95	0.44	9	<1	<1	68	<1	<1.0	1	<1	<1
09-05-95	0.24	7	<1	1	29	<1	<1.0	1	<1	<1
09-19-95	0.23	3	<1	<1	43	<1	<1.0	1	<1	<1
09-01-95	0.19	3	<1	<1	15	<1	<1.0	<1	<1	<1
09-01-95	0.16	10	<1	<1	17	<1	<1.0	<1	<1	<1
08-31-95	0.17	60	<1	1	17	<1	<1.0	3	<1	<1
08-31-95	0.13	240	<1	5	27	<1	<1.0	1	<1	2

DATE	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	H-2 / H-1 STABLE ISOTOPE RATIO PER MIL (82082)	O-18 / O-16 STABLE ISOTOPE RATIO PER MIL (82085)
09-06-95	50	<1	<1	88	<1	<1	2.0	3	-114.0	-15.5
08-17-95	<3	<1	3	3	2	<1	<1.0	2	-113.0	-15.1
08-18-95	4	<1	22	2	<1	<1	1.0	1	-112.0	-15.1
08-29-95	14	<1	78	3	2	<1	<1.0	3	-111.0	-14.9
09-21-95	<3	4	200	6	<1	<1	<1.0	2600	--	--
09-20-95	4	<1	120	2	<1	<1	<1.0	100	--	--
09-20-95	39	<1	21	<1	<1	<1	<1.0	560	--	--
09-05-95	30	<1	37	<1	2	<1	<1.0	1800	-107.0	-14.3
09-19-95	190	1	2	<1	<1	<1	<1.0	900	--	--
09-01-95	<3	<1	29	<1	<1	<1	<1.0	6	-105.0	-13.9
09-01-95	43	<1	25	<1	<1	<1	<1.0	2	-101.0	-13.6
08-31-95	7900	<1	55	<1	<1	<1	<1.0	3	-92.4	-12.2
08-31-95	1100	<1	52	3	<1	<1	<1.0	5	-85.2	-10.4

DATE	RADON 222 TOTAL (PCI/L) (82303)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)	TRITIUM TOTAL (PCI/L) (07000)	TRITIUM 2 SIGMA WATER, WHOLE, TOTAL (PCI/L) (75985)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
09-06-95	7500	83	<0.3	0.60	30	--
08-17-95	1400	46	20	1.3	55	0.20
08-18-95	4600	71	6.8	0.60	2.0	0.30
08-29-95	1700	40	26	1.7	<1.0	0.50
09-21-95	1800	61	28	1.8	1.0	1.1
09-20-95	1300	37	13	1.0	<1.0	0.60
09-20-95	670	29	14	1.0	<1.0	2.0
09-05-95	410	25	--	--	<1.0	0.50
09-19-95	490	25	14	1.0	<1.0	1.6
09-01-95	1000	48	--	--	<1.0	0.70
09-01-95	450	37	--	--	<1.0	1.4
08-31-95	1200	48	--	--	<1.0	16
08-31-95	470	36	--	--	<1.0	12

Water-quality measurements in the following table were made as part of the National Water-Quality Assessment Program (NAWQA). Locations of the following sites are shown in figures 32, 34, 35, and 37. The following analyses are quality-assurance samples processed during the 1995 sampling period, and are defined in the section Water Quality-Control Data (page 25).

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

STATION NUMBER	LOCAL WELL NUMBER	DATE	TIME	QUALITY ASSURANCE SAMPLE (TYPE)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)	BAROMETRIC PRESSURE (MM OF HG) (00025)	OXYGEN, DISSOLVED (MG/L) (00300)
360816115090201	212 S21 E62 10BCAD1	03-16-95	1008	FIELD BLANK	--	--	--	--	--	--
385654119431801	105 N13 E20 34ACC 1	08-31-95	1101	REPLICATE	404	7.5	19.5	16.5	645	5.5
385719119454701	105 N13 E20 29CDC 1	08-23-95	1308	FIELD BLANK	--	--	--	--	--	--
385926119481601	105 N13 E19 13BCC 1	08-22-95	1408	FIELD BLANK	--	--	--	--	--	--
390321119465301	105 N14 E20 30BABA1	07-19-95	1108	FIELD BLANK	--	--	--	--	--	--
392718119463401	87 N18 E20 06ACCD1	06-27-95	1101	REPLICATE	--	--	--	--	--	--
392927119475601	87 N19 E19 25BAAB1	06-29-95	1138	FIELD BLANK	--	--	--	--	--	--

DATE	OXYGEN, DISSOLVED (PERCENT SATURATION) (00301)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	HARDNESS NONCARB DISSOLVD FLD. AS CACO3 (MG/L) (00904)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	SODIUM ADSORPTION RATIO (00931)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)
03-16-95	--	--	--	<0.02	<0.01	<0.20	--	<0.10	--	--	<0.10	<0.10
08-31-95	67	140	11	42	9.5	27	1	2.0	162	133	35	16
08-23-95	--	--	--	<0.02	<0.01	<0.20	--	<0.10	--	--	<0.10	<0.10
08-22-95	--	--	--	<0.02	<0.01	<0.20	--	<0.10	--	--	<0.10	<0.10
07-19-95	--	--	--	<0.02	<0.01	<0.20	--	<0.10	--	--	<0.10	<0.10
06-27-95	--	120	--	23	15	14	0.6	5.6	--	--	4.7	1.7
06-29-95	--	--	--	<0.02	<0.01	<0.20	--	<0.10	--	--	<0.10	<0.10

DATE	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L) (70301)	SOLIDS, DISSOLVED (TONS PER AC-FT) (70303)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)
03-16-95	<0.10	<0.010	0.02	<1	--	--	<0.010	<0.050	<0.015	<0.20	<0.010	<0.010
08-31-95	0.20	0.13	37	256	257	0.35	<0.010	1.70	<0.015	<0.20	0.120	0.120
08-23-95	<0.10	<0.010	0.01	1	--	--	<0.010	<0.050	<0.015	<0.20	0.030	<0.010
08-22-95	<0.10	<0.010	<0.01	<1	--	--	<0.010	<0.050	<0.015	<0.20	<0.010	<0.010
07-19-95	<0.10	<0.010	0.03	4	--	--	<0.010	<0.050	0.040	<0.20	<0.010	0.020
06-27-95	<0.10	0.030	69	211	225	0.29	0.010	0.790	0.030	<0.20	0.070	0.050
06-29-95	<0.10	<0.010	<0.01	<1	--	--	<0.010	<0.050	0.020	<0.20	<0.010	<0.010

DATE	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)
03-16-95	<1	<1	<1	<1	<1	<1.0	<1	<1	<1	<3	<1	<1
08-31-95	4	<1	8	82	<1	<1.0	1	<1	2	<3	<1	2
08-23-95	4	<1	<1	<1	<1	<1.0	<1	<1	<1	<3	<1	<1
08-22-95	4	<1	<1	<1	<1	<1.0	<1	<1	<1	<3	<1	<1
07-19-95	3	<1	<1	<1	<1	<1.0	<1	<1	<1	<3	<1	<1
06-27-95	2	<1	4	100	<1	<1.0	2	<1	2	<3	2	<1
06-29-95	2	<1	<1	<1	<1	<1.0	1	<1	<1	<3	<1	<1

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	RADON 222 TOTAL (PCI/L) (82303)	RN-222 2 SIGMA WATER, WHOLE, TOTAL, (PCI/L) (76002)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	PHENOLS TOTAL (UG/L) (32730)	BENZENE TOTAL (UG/L) (34030)
03-16-95	<1	<1	<1	<1.0	<1	--	--	<1.0	0.20	4	<0.200
08-31-95	5	<1	<1	<1.0	45	1100	33	3.0	0.50	<1	<0.200
08-23-95	<1	<1	<1	<1.0	3	--	--	<1.0	0.30	<1	<0.200
08-22-95	<1	<1	<1	<1.0	<1	--	--	<1.0	<0.10	<1	<0.200
07-19-95	<1	<1	<1	<1.0	<1	--	--	<1.0	0.30	3	<0.200
06-27-95	2	2	<1	<1.0	2	930	33	3.0	<0.10	<1	<0.200
06-29-95	<1	<1	<1	<1.0	<1	--	--	<1.0	<0.10	--	<0.200

STATION NUMBER	DATE	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-BENZENE TOTAL (UG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	CHLORO-ETHANE TOTAL (UG/L) (34311)	CHLORO-FORM TOTAL (UG/L) (32106)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	ETHYL-BENZENE TOTAL (UG/L) (34371)
360816115090201	03-16-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385654119431801	08-31-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385719119454701	08-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
385926119481601	08-22-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
390321119465301	07-19-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392718119463401	06-27-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
392927119475601	06-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

DATE	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	TOLUENE TOTAL (UG/L) (34010)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	STYRENE TOTAL (UG/L) (77128)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)
03-16-95	<0.200	<0.200	0.300	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
08-31-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
08-23-95	<0.200	<0.200	0.300	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
08-22-95	<0.200	<0.200	0.300	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
07-19-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
06-27-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
06-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

DATE	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34566)
03-16-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
08-31-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
08-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
08-22-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
07-19-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
06-27-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
06-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

DATE	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	NAPHTH-ALENE TOTAL (UG/L) (34696)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	CIS-1,2 -DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)
03-16-95	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
08-31-95	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
08-23-95	<0.200	<0.200	<0.200	<0.200	0.03	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
08-22-95	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
07-19-95	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
06-27-95	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
06-29-95	<0.200	<0.200	<0.200	<0.200	<0.02	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

WATER-QUALITY DATA, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

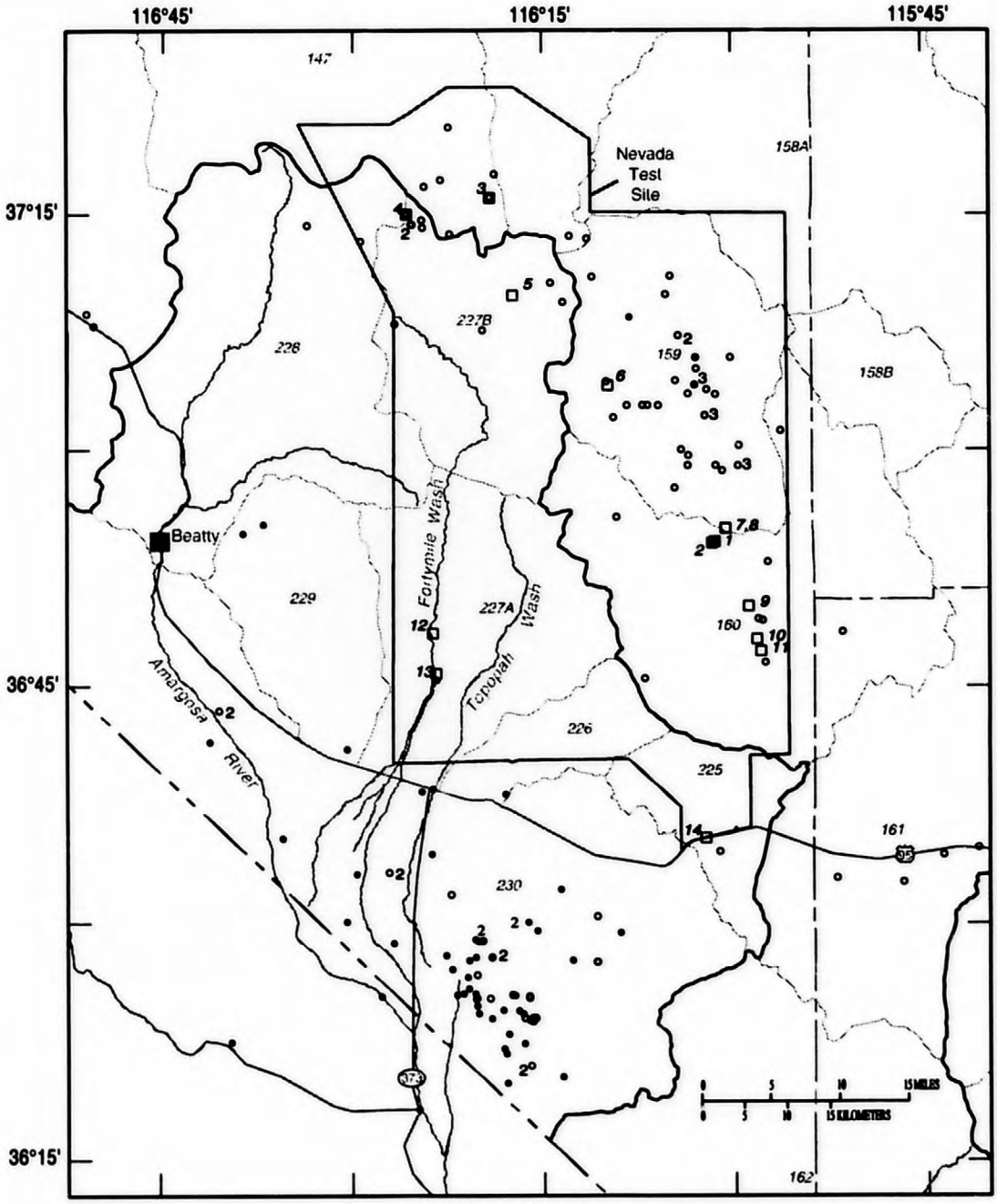
DATE	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)
03-16-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
08-31-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
08-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
08-22-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
07-19-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
06-27-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
06-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

DATE	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	XYLENE WATER UNFLTRD REC (UG/L) (81551)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)
03-16-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00
08-31-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00
08-23-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00
08-22-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00
07-19-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00
06-27-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00
06-29-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00

Las Vegas Wash below Lake Las Vegas, June 1995 Photograph by Kenneth J. Covay

LOCATION OF GROUND-WATER WITHDRAWAL SITES (figure 38)

Site number	Local number	Latitude	Longitude	Site identification
1	160 S12 E53	36°54'18"	116°01'26"	365418116012601
2	160 S12 E53	36°54'12"	116°01'39"	365412116013901
3	147 S08 E51	37°16'08"	116°19'10"	371608116191002
4	227B S08 E50	37°15'05"	116°25'45"	371505116254501
5	227B S09 E51	37°09'56"	116°17'21"	370956116172101
6	159 S10 E52	37°04'12"	116°09'51"	370412116095101
7	159 S E	36°55'08"	116°00'35"	365508116003502
8	159 S12 E53	36°55'07"	116°00'34"	365500116003901
9	160 S E	36°50'11"	115°58'47"	365011115584702
10	160 S13 E53	36°48'05"	115°58'08"	364805115580801
11	160 S13 E53	36°47'20"	115°57'49"	364708115574401
12	227 S13 E50 19C 1	36°48'28"	116°23'40"	364828116234001
13	227 S14 E50 06A 1	36°45'54"	116°23'24"	364554116232401
14	225 S16 E53 05ADAD1	36°35'30"	116°02'14"	363530116021401



EXPLANATION

- **Major hydrographic area boundary**
- **Minor hydrographic area boundary**
- •2 **Primary observation well**--Water level generally measured monthly or more frequently. Number indicates more than one well at site
- ○2 **Secondary observation well**--Water level generally measured one to four times per year. Number indicates more than one well at site
- □14 **Water-use site**--Water withdrawals generally measured monthly. Number refers to accompanying table
- 162 **Number refers to valley number.** See figure 29

Figure 38. Observation wells and water-withdrawal sites at or near the Nevada Test Site, southern Nevada

GROUND-WATER LEVELS

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT

AMARGOSA DESERT

362902116202201. Local number, 230 S17 E50 9DDA 1; local name, Fairbanks Swamp Well.

LOCATION.--Lat 36°29'02", long 116°20'22". Hydrologic Unit 18090202, at Ash Meadows National Wildlife Refuge in Nye County. Owner: U.S. Government.

AQUIFER.--Unconsolidated deposits of Quaternary age.

WELL CHARACTERISTICS.--Unused observation well; diameter 2.0 in; depth 8.5 ft; cased 8.5 ft; perforated 3.17 to 8.17 ft.

INSTRUMENTATION.--Water-level recorder (pressure sensor) August to September 1995.

DATUM.--Elevation of land-surface datum is 2,248 ft above sea level from topographic map. Measuring point: Top of casing, 2.7 ft above land-surface datum.

REMARKS.--Well installed as part of evapotranspiration study.

PERIOD OF RECORD.-- May 1995 , monthly; August to September 1995, continuous.

EXTREMES FOR PERIOD OF RECORD.-- Highest water level measured, 0.56 ft below land-surface datum, May 1, 1995; lowest measured, 2.23 ft below land-surface datum, September 21, 22, 1995.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	---	2.12
2	---	---	---	---	---	---	---	---	---	---	---	2.12
3	---	---	---	---	---	---	---	---	---	---	---	2.11
4	---	---	---	---	---	---	---	---	---	---	---	2.14
5	---	---	---	---	---	---	---	---	---	---	---	2.14
6	---	---	---	---	---	---	---	---	---	---	---	2.14
7	---	---	---	---	---	---	---	---	---	---	---	2.16
8	---	---	---	---	---	---	---	---	---	---	---	2.16
9	---	---	---	---	---	---	---	---	---	---	---	2.15
10	---	---	---	---	---	---	---	---	---	---	---	2.17
11	---	---	---	---	---	---	---	---	---	---	---	2.16
12	---	---	---	---	---	---	---	---	---	---	---	2.16
13	---	---	---	---	---	---	---	---	---	---	---	2.17
14	---	---	---	---	---	---	---	---	---	---	---	2.18
15	---	---	---	---	---	---	---	---	---	---	---	2.18
16	---	---	---	---	---	---	---	---	---	---	---	2.20
17	---	---	---	---	---	---	---	---	---	---	---	2.22
18	---	---	---	---	---	---	---	---	---	---	---	2.20
19	---	---	---	---	---	---	---	---	---	---	---	2.18
20	---	---	---	---	---	---	---	---	---	---	---	2.18
21	---	---	---	---	---	---	---	---	---	---	---	2.23
22	---	---	---	---	---	---	---	---	---	---	---	2.23
23	---	---	---	---	---	---	---	---	---	---	---	2.20
24	---	---	---	---	---	---	---	---	---	---	---	2.15
25	---	---	---	---	---	---	---	---	---	---	1.98	2.13
26	---	---	---	---	---	---	---	---	---	---	1.99	2.12
27	---	---	---	---	---	---	---	---	---	---	2.00	2.13
28	---	---	---	---	---	---	---	---	---	---	1.96	2.12
29	---	---	---	---	---	---	---	---	---	---	2.06	2.13
30	---	---	---	---	---	---	---	---	---	---	2.09	2.14
31	---	---	---	---	---	---	---	---	---	---	2.10	---
MAX	---	---	---	---	---	---	---	---	---	---	---	2.23
MIN	---	---	---	---	---	---	---	---	---	---	---	2.11

AMARGOSA DESERT

362855116200701 Local number, 230 S17 E50 10BBA 1; local name, Rogers Spring ET1 Well.

LOCATION.--Lat 36°28'55", long 116°20'07". Hydrologic Unit 18090202, at Ash Meadows National Wildlife Refuge in Nye County. Owner: U.S. Government.

AQUIFER.--Unconsolidated deposits of Quaternary age.

WELL CHARACTERISTICS.--Unused observation well; diameter 2.0 in; depth 6.25 ft; cased 6.25 ft; perforated 3.5 ft to 5.75 ft.

INSTRUMENTATION.--Water-level recorder (pressure sensor) January to June 1995 (discontinued).

DATUM.--Elevation of land-surface datum is 2,255.46 ft above sea level from level measurements. Measuring point: Top of casing, 4.98 ft above land-surface datum.

REMARKS.--Well installed as part of evapotranspiration study.

PERIOD OF RECORD.-- December 1993 to December 1994, monthly; January to June 1995, continuous; July to September 1995, monthly.

EXTREMES FOR PERIOD OF RECORD.-- Highest water level measured, 0.23 ft below land-surface datum, March 11, 1995; lowest measured, dry, multiple dates.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	.44	.56	.80	1.48	2.18	---	---	---
2	---	---	---	---	---	.60	---	1.62	2.30	---	---	---
3	---	---	---	---	.55	.62	.90	1.67	2.43	---	---	---
4	---	---	---	---	.55	.69	.87	1.64	2.50	---	---	---
5	---	---	---	1.47	.58	.64	.87	1.66	2.55	---	---	---
6	---	---	---	1.47	.58	.64	.93	1.59	2.69	---	---	---
7	---	---	---	1.38	.58	.68	.97	1.52	2.71	---	---	---
8	---	---	---	1.33	.65	.69	.99	1.54	2.75	---	---	---
9	---	---	---	1.28	.69	.72	1.07	1.57	2.80	---	---	---
10	---	---	---	1.22	.66	.62	1.08	1.59	2.84	---	---	---
11	---	---	---	1.21	.64	.23	1.06	1.58	2.87	---	---	---
12	---	---	---	1.22	.67	.34	1.06	1.68	2.95	---	---	---
13	---	---	---	1.18	.71	.42	1.08	1.74	3.02	---	---	---
14	---	---	---	---	.73	.42	1.17	1.86	3.10	---	---	---
15	---	---	---	---	.81	.46	1.05	1.54	3.19	---	---	---
16	---	---	---	1.14	.81	.51	1.09	1.40	3.32	---	---	---
17	---	---	---	1.16	.79	.62	1.10	1.55	3.41	---	---	---
18	---	---	---	1.14	.79	.65	.96	1.66	3.41	---	---	---
19	---	---	---	1.07	.79	.69	.88	1.76	3.42	---	---	---
20	---	---	---	1.06	.75	.70	.92	1.86	3.48	---	---	---
21	---	---	---	1.07	.75	.76	1.07	1.96	3.60	---	---	---
22	---	---	---	1.03	.76	.86	1.11	2.02	3.66	---	---	---
23	---	---	---	---	.80	.76	1.13	2.00	---	---	---	---
24	---	---	---	---	.78	.64	1.13	1.51	---	---	---	---
25	---	---	---	---	.76	.68	1.16	1.45	---	---	---	---
26	---	---	---	.25	.79	.73	1.24	1.55	---	---	---	---
27	---	---	---	.33	.79	.74	1.30	1.63	---	---	---	---
28	---	---	---	.37	.74	.76	1.40	1.66	---	---	---	---
29	---	---	---	.41	---	.81	1.42	1.83	---	---	---	---
30	---	---	---	.42	---	.83	1.51	2.01	---	---	---	---
31	---	---	---	.42	---	.84	---	2.13	---	---	---	---
MAX	---	---	---	---	---	.86	---	2.13	---	---	---	---
MIN	---	---	---	---	---	.23	---	1.40	---	---	---	---

GROUND-WATER LEVELS

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT--Continued

AMARGOSA DESERT

362855116200702. Local number, 230 S17 E50 10BBA 2; local name, Rogers Spring ET1-D Well.

LOCATION.--Lat 36°28'55", long 116°20'07". Hydrologic Unit 18090202, at Ash Meadows National Wildlife Refuge in Nye County. Owner: U.S. Government.

AQUIFER.--Unconsolidated deposits of Quaternary age.

WELL CHARACTERISTICS.--Unused observation well; diameter 2.0 in; depth 10.0 ft; cased 10.0 ft; perforated 2.33 ft to 9.63 ft.

INSTRUMENTATION.--Water-level recorder (pressure sensor). August 1994 to current year, continuous.

DATUM.--Elevation of land-surface datum is 2,255.46 ft above sea level from level measurements. Measuring point: Top of casing, 4.92 ft above land-surface datum.

REMARKS.--Well installed as part of evapotranspiration study.

PERIOD OF RECORD.-- July 1994 to current year, monthly. May to August 1994 (from Rogers Spring ET1 Well), continuous. August 1994 to current year, continuous.

EXTREMES FOR PERIOD OF RECORD.-- Highest water level measured, 0.03 ft below land-surface datum, January 26, March 3, 1995; lowest measured, 7.40 ft below land-surface datum, September 13, 1994.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.99	5.46	3.74	1.48	.19	.23	.47	1.14	1.85	3.99	5.75	6.79
2	6.92	5.51	3.70	1.40	.25	.27	.54	1.28	2.01	4.05	5.80	6.81
3	6.88	5.52	3.65	1.37	.30	.28	.58	1.32	2.12	4.11	5.84	6.84
4	6.87	5.47	3.60	1.24	.31	.35	.54	1.30	2.19	4.19	5.89	6.86
5	6.82	5.40	3.53	1.22	.33	.30	.55	1.32	2.26	4.25	5.93	6.88
6	6.78	5.34	3.51	1.23	.31	.32	.61	1.24	2.36	4.31	5.98	6.90
7	6.74	5.29	3.48	1.14	.32	.36	.66	1.17	2.39	4.39	6.02	6.91
8	6.69	5.26	3.43	1.09	.40	.36	.67	1.19	2.42	4.44	6.08	6.93
9	6.63	5.15	3.35	1.04	.43	.38	.76	1.22	2.46	4.51	6.11	6.95
10	6.59	5.09	3.24	.98	.38	.30	.75	1.23	2.49	4.58	6.16	6.96
11	6.56	5.07	3.21	.97	.36	.11	.74	1.21	2.53	4.64	6.22	6.98
12	6.48	5.02	3.14	.99	.38	.03	.74	1.31	2.63	4.70	6.26	6.98
13	6.46	4.99	3.13	.94	.42	.10	.76	1.39	2.73	4.78	6.29	6.99
14	6.39	4.91	3.08	.85	.44	.10	.84	1.51	2.84	4.84	6.33	7.00
15	6.40	4.76	3.04	.87	.53	.13	.73	1.16	2.93	4.89	6.37	7.00
16	6.36	4.69	2.98	.89	.52	.18	.78	1.04	3.06	4.96	6.40	7.01
17	6.30	4.62	2.90	.91	.49	.30	.78	1.20	3.11	5.00	6.44	7.01
18	6.24	4.60	2.84	.87	.49	.32	.63	1.31	3.10	5.04	6.49	7.01
19	6.21	4.55	2.81	.78	.49	.36	.56	1.40	3.14	5.10	6.51	7.01
20	6.17	4.45	2.74	.77	.44	.37	.60	1.50	3.21	5.15	6.56	7.01
21	6.11	4.40	2.68	.79	.43	.44	.74	1.60	3.30	5.19	6.57	6.99
22	6.06	4.37	2.61	.75	.46	.54	.78	1.67	3.36	5.24	6.57	6.98
23	6.03	4.27	2.53	.63	.49	.44	.80	1.63	3.42	5.29	6.58	6.97
24	5.98	4.18	2.45	.27	.46	.32	.79	1.14	3.48	5.34	---	6.95
25	5.93	4.07	2.30	.04	.44	.36	.82	1.09	3.55	5.38	6.65	6.92
26	5.90	4.08	2.06	.03	.47	.41	.90	1.19	3.63	5.45	6.68	6.89
27	5.84	4.04	1.88	.07	.47	.41	.97	1.27	3.71	5.50	6.70	6.86
28	5.76	3.98	1.74	.11	.41	.44	1.07	1.30	3.78	5.55	6.71	6.82
29	5.73	3.93	1.67	.15	---	.49	1.09	1.46	3.86	5.59	6.73	6.79
30	5.71	3.83	1.62	.15	---	.51	1.18	1.64	3.93	5.64	6.75	6.75
31	5.64	---	1.56	.15	---	.51	---	1.77	---	5.71	6.77	---
MAX	6.99	5.52	3.74	1.48	.53	.54	1.18	1.77	3.93	5.71	---	7.01
MIN	5.64	3.83	1.56	.03	.19	.03	.47	1.04	1.85	3.99	---	6.75

AMARGOSA DESERT

362856116195601. Local number, 230 S17 E50 10CD 1; local name, Rogers Spring ET2 Well.

LOCATION.--Lat 36°28'56", long 116°19'56". Hydrologic Unit 18090202, at Ash Meadows National Wildlife Refuge in Nye County. Owner: U.S. Government.

AQUIFER.--Unconsolidated deposits of Quaternary age.

WELL CHARACTERISTICS.--Unused observation well; diameter 2.0 in; depth 5.83 ft; cased 5.83 ft; perforated 3.58 ft to 5.83 ft.

INSTRUMENTATION.--Water-level recorder (pressure sensor) May 1994 to current year.

DATUM.--Elevation of land-surface datum is 2,252.90 ft above sea level from level measurements. Measuring point: Top of casing, 5.84 ft above land-surface datum.

REMARKS.--Well installed as part of evapotranspiration study.

PERIOD OF RECORD.-- December 1993 to April 1994, monthly; M 4 to current year, continuous.

EXTREMES FOR PERIOD OF RECORD.-- Highest water level n ured, 0.05 ft below land-surface datum, January 24-26, 1995; lowest measured, 4.57 ft below land-surface datum, September 12, 1994.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.25	1.22	.34	.27	.20	.17	.31	.49	.62	1.31	3.27	3.89
2	3.19	1.19	.33	.27	.22	.22	.33	.52	.64	1.32	3.29	3.91
3	3.11	1.16	.32	.22	.24	.24	.35	.48	.64	1.37	3.30	3.91
4	3.03	1.10	.32	.12	.23	.27	.34	.48	.66	1.45	3.35	3.93
5	2.95	1.02	.32	.10	.22	.23	.35	.43	.75	1.52	3.40	3.95
6	2.88	.97	.33	.21	.22	.22	.39	.39	.75	1.66	3.45	3.95
7	2.82	.93	.34	.12	.21	.26	.38	.37	.57	1.81	3.51	3.96
8	2.77	.91	.35	.16	.24	.28	.37	.40	.55	1.87	3.57	3.98
9	2.69	.83	.34	.20	.25	.30	.43	.43	.60	1.94	3.59	3.96
10	2.62	.78	.31	.14	.23	.20	.40	.44	.65	2.01	3.65	3.94
11	2.57	.75	.31	.16	.23	.12	.37	.45	.72	2.11	3.71	3.90
12	2.50	.70	.27	.19	.23	.23	.38	.49	.83	2.26	3.75	3.84
13	2.44	.71	.29	.20	.25	.25	.46	.50	.93	2.35	3.77	3.78
14	2.35	.66	.29	.19	.25	.24	.41	.46	.99	2.36	3.78	3.73
15	2.28	.59	.29	.20	.28	.25	.37	.23	.94	2.37	3.80	3.67
16	2.20	.57	.29	.21	.27	.26	.36	.36	.80	2.34	3.83	3.63
17	2.13	.54	.27	.24	.26	.28	.34	.43	.70	2.29	3.86	3.62
18	2.08	.49	.27	.25	.26	.28	.25	.47	.73	---	3.88	3.60
19	2.05	.55	.27	.24	.28	.30	.26	.49	.79	2.44	3.87	3.55
20	2.01	.50	.27	.23	.26	.30	.33	.51	.83	2.54	3.80	3.49
21	1.96	.48	.27	.19	.25	.32	.39	.53	.85	2.61	3.64	3.46
22	1.90	.48	.25	.22	.25	.35	.39	.50	.86	2.67	3.50	3.45
23	1.85	.45	.23	.12	.27	.25	.40	.32	.92	2.72	3.45	3.39
24	1.79	.42	.16	.05	.26	.20	.39	.23	.99	2.77	3.50	3.33
25	1.74	.38	.06	.05	.25	.27	.40	.33	1.06	2.85	3.60	3.25
26	1.69	.44	.18	.05	.26	.30	.43	.42	1.10	2.93	3.67	3.18
27	1.61	.44	.23	.16	.26	.30	.49	.41	1.16	3.01	3.72	3.11
28	1.50	.42	.23	.20	.21	.32	.47	.46	1.22	3.07	3.77	3.06
29	1.42	.40	.20	.21	---	.33	.47	.53	1.30	3.13	3.82	3.01
30	1.38	.36	.24	.21	---	.34	.47	.57	1.32	3.20	3.86	2.97
31	1.31	---	.27	.20	---	.33	---	.58	---	3.26	3.87	---
MAX	3.25	1.22	.35	.27	.28	.35	.49	.58	1.32	---	3.88	3.98
MIN	1.31	.36	.06	.05	.20	.12	.25	.23	.55	---	3.27	2.97

GROUND-WATER LEVELS

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT--Continued

AMARGOSA DESERT

362536116211801. Local number, 230 S17 E50 33CCC 1; local name, Spring Meadows Road Well.

LOCATION.--Lat 36°25'36", long 116°21'18". Hydrologic Unit 18090202, at Ash Meadows National Wildlife Refuge in Nye County. Owner: U.S. Government.

AQUIFER.--Unconsolidated deposits of Quaternary age.

WELL CHARACTERISTICS.--Unused observation well; diameter 2.0 in; depth 14.2 ft; cased 14.2 ft; perforated 8.84 ft to 13.84 ft.

INSTRUMENTATION.--Water-level recorder (pressure sensor) July to September 1995.

DATUM.--Elevation of land-surface datum is 2,140 ft above sea level from topographic map. Measuring point: Top of casing, 2.0 ft above land-surface datum.

REMARKS.--Well installed as part of evapotranspiration study.

PERIOD OF RECORD.-- July 1994 to June 1995, monthly; July to September 1995, continuous.

EXTREMES FOR PERIOD OF RECORD.-- Highest water level measured, 3.81 ft below land-surface datum, April 17, 1995; lowest measured, 7.92 ft below land-surface datum, September 13, 1994.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	6.81	7.39
2	---	---	---	---	---	---	---	---	---	---	6.83	7.40
3	---	---	---	---	---	---	---	---	---	---	6.86	7.41
4	---	---	---	---	---	---	---	---	---	5.87	6.90	7.43
5	---	---	---	---	---	---	---	---	---	5.92	6.91	7.45
6	---	---	---	---	---	---	---	---	---	5.97	6.94	7.46
7	---	---	---	---	---	---	---	---	---	6.01	6.98	7.48
8	---	---	---	---	---	---	---	---	---	6.03	7.02	7.49
9	---	---	---	---	---	---	---	---	---	6.08	7.03	7.49
10	---	---	---	---	---	---	---	---	---	6.10	7.06	7.51
11	---	---	---	---	---	---	---	---	---	6.14	7.09	7.50
12	---	---	---	---	---	---	---	---	---	6.18	7.12	7.51
13	---	---	---	---	---	---	---	---	---	6.21	7.12	7.51
14	---	---	---	---	---	---	---	---	---	6.22	7.14	7.52
15	---	---	---	---	---	---	---	---	---	6.25	7.16	7.53
16	---	---	---	---	---	---	---	---	---	6.28	7.18	7.55
17	---	---	---	---	---	---	---	---	---	6.29	7.20	7.56
18	---	---	---	---	---	---	---	---	---	6.32	7.21	7.57
19	---	---	---	---	---	---	---	---	---	6.36	7.22	7.57
20	---	---	---	---	---	---	---	---	---	6.40	7.19	7.57
21	---	---	---	---	---	---	---	---	---	6.42	7.17	7.59
22	---	---	---	---	---	---	---	---	---	6.46	7.20	7.59
23	---	---	---	---	---	---	---	---	---	6.49	7.23	7.57
24	---	---	---	---	---	---	---	---	---	6.52	7.26	7.57
25	---	---	---	---	---	---	---	---	---	6.56	7.28	7.55
26	---	---	---	---	---	---	---	---	---	6.60	7.29	7.54
27	---	---	---	---	---	---	---	---	---	6.64	7.31	7.52
28	---	---	---	---	---	---	---	---	---	6.67	7.33	7.50
29	---	---	---	---	---	---	---	---	---	6.71	7.34	7.49
30	---	---	---	---	---	---	---	---	---	6.74	7.35	7.46
31	---	---	---	---	---	---	---	---	---	6.79	7.37	---
MAX	---	---	---	---	---	---	---	---	---	---	7.37	7.59
MIN	---	---	---	---	---	---	---	---	---	---	6.81	7.39

GROUND-WATER LEVELS

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT--Continued

AMARGOSA DESERT

362529116171100. Local number, 230 S17 E50 36DDC 1; local name, Devils Hole Well.

LOCATION.--Lat 36°25'30", long 116°17'15", Hydrologic Unit 18090202, in Nye County.
Owner: U.S. Fish and Wildlife Service.

AQUIFER.--Valley-fill deposits of Quaternary age.

WELL CHARACTERISTICS.--Drilled in October 1966, well diameter 16 in., depth 248 ft, cased 248 ft, perforated 48 ft to 248 ft. Well depth measured in February 1990, 200 ft.

INSTRUMENTATION.--Water-level recorder since September 1993, hourly.

DATUM.--Elevation of land-surface datum is 2,404.1 ft above sea level, from level measurements. Measuring point: Red mark on hole in steel plate on top of casing, 0.9 ft above land-surface datum.

REMARKS.--Historically used as an injection well to maintain water level in Devils Hole. Presently an unused observation well.

PERIOD OF RECORD.--1971 to June 1973, monthly; July 1973 to July 1977, intermittent; September 1977 to July 1985, monthly; October 1985 to September 1991, intermittent; November 1991 to August 1993, twice per month; September 1993 to current year, hourly.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 47.76 feet below land-surface datum, May 19, 1993; lowest measured, 50.99 feet below land-surface datum, July 13, 1972.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	48.00	47.98	48.06	48.12	48.10	48.01	48.05	48.01	47.99	48.05	48.07	48.08
2	47.97	47.95	48.05	48.10	48.11	48.03	48.07	48.02	47.99	48.05	48.07	48.09
3	47.94	48.04	48.04	48.09	48.14	48.[illegible]	48.10	48.03	48.02	48.04	48.07	48.08
4	47.98	48.08	48.05	48.05	48.12	48.[illegible]	48.07	47.99	48.03	48.06	48.07	48.09
5	47.99	48.06	48.04	48.01	48.11	47.98	48.04	48.00	48.00	48.07	48.06	48.11
6	48.01	48.04	48.07	48.11	48.07	48.07	48.03	48.01	48.01	48.08	48.06	48.11
7	48.04	48.03	48.12	48.10	48.04	48.09	48.04	48.01	48.01	48.09	48.06	48.08
8	48.07	48.07	48.17	48.11	48.05	48.07	48.04	48.05	48.04	48.08	48.07	48.07
9	48.04	48.03	48.15	48.09	48.08	48.04	48.08	48.04	48.08	48.08	48.05	48.08
10	48.01	47.99	48.12	48.05	48.05	48.01	48.10	48.02	48.08	48.07	48.05	48.10
11	48.00	48.02	48.09	48.06	48.01	47.99	48.09	47.97	48.05	48.06	48.08	48.12
12	47.96	48.02	48.06	48.09	47.99	48.09	48.08	47.95	48.04	48.06	48.10	48.11
13	47.95	48.12	48.08	48.11	47.99	48.12	48.05	47.95	48.03	48.08	48.08	48.10
14	47.92	48.14	48.11	48.06	47.98	48.10	48.08	48.03	48.00	48.08	48.08	48.08
15	47.96	48.07	48.12	48.03	48.08	48.06	48.02	48.04	47.98	48.08	48.08	48.07
16	48.05	48.02	48.14	48.06	48.13	48.04	48.03	47.99	48.04	48.09	48.08	48.08
17	48.06	48.02	48.12	48.11	48.14	48.06	48.08	48.03	48.08	48.10	48.08	48.08
18	48.04	48.06	48.10	48.15	48.14	48.07	48.03	48.05	48.06	48.08	48.10	48.09
19	48.06	48.12	48.12	48.12	48.13	48.05	48.05	48.04	48.04	48.10	48.09	48.09
20	48.07	48.11	48.12	48.09	48.09	48.00	48.04	48.02	48.04	48.10	48.12	48.08
21	48.06	48.11	48.11	48.11	48.06	47.99	48.09	48.01	48.07	48.09	48.13	48.09
22	48.04	48.17	48.10	48.12	48.05	48.05	48.12	48.00	48.07	48.08	48.11	48.08
23	48.05	48.14	48.06	48.09	48.07	48.01	48.11	48.02	48.08	48.09	48.08	48.07
24	48.05	48.10	48.05	48.06	48.06	48.07	48.07	48.02	48.05	48.08	48.08	48.07
25	48.04	48.04	48.06	48.03	48.04	48.10	48.03	48.03	48.03	48.07	48.08	48.04
26	48.06	48.06	48.11	48.08	48.04	48.12	48.03	48.04	48.03	48.08	48.09	48.04
27	48.07	48.14	48.10	48.12	48.05	48.10	48.00	48.05	48.04	48.09	48.09	48.07
28	48.02	48.14	48.06	48.13	48.04	48.08	48.03	48.04	48.04	48.09	48.09	48.06
29	48.02	48.16	48.06	48.14	---	48.09	48.02	48.05	48.05	48.08	48.08	48.10
30	48.07	48.12	48.09	48.14	---	48.10	48.05	48.05	48.06	48.06	48.08	48.12
31	48.08	---	48.12	48.11	---	48.09	---	48.04	---	48.08	48.08	---
MAX	48.08	48.17	48.17	48.15	48.14	48.12	48.12	48.05	48.08	48.10	48.13	48.12
MIN	47.92	47.95	48.12	48.12	47.98	47.98	48.00	47.95	47.98	48.04	48.05	48.04

AMARGOSA DESERT

362515116202001. Local number, 230 S18 E50 04ADA 1; local name, Carson Meadows Well.

LOCATION.--Lat 36°25'15", long 116°20'20". Hydrologic Unit 18090202, at Ash Meadows National Wildlife Refuge in Nye County. Owner: U.S. Government.

AQUIFER.--Unconsolidated deposits of Quaternary age.

WELL CHARACTERISTICS.--Unused observation well; diameter 2.0 in; depth 10.88 ft; cased 10.88 ft; perforated 5.5 ft to 10.5 ft.

INSTRUMENTATION.--Water-level recorder (pressure sensor) July to September 1995.

DATUM.--Elevation of land-surface datum is 2,171 ft above sea level from topographic map. Measuring point: Top of casing, 2.00 ft above land-surface datum.

REMARKS.--Well installed as part of evapotranspiration study.

PERIOD OF RECORD.-- June 1994 to June 1995, monthly; July to September 1995, continuous.

EXTREMES FOR PERIOD OF RECORD.-- Highest water level measured, 0.06 ft below land-surface datum, March 14, 1995; lowest measured, 7.55 ft below land-surface datum, September 12, 1994.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	6.01	6.43
2	---	---	---	---	---	---	---	---	---	---	6.02	6.45
3	---	---	---	---	---	---	---	---	---	---	6.03	6.45
4	---	---	---	---	---	---	---	---	---	4.71	6.07	6.47
5	---	---	---	---	---	---	---	---	---	4.77	6.10	6.49
6	---	---	---	---	---	---	---	---	---	4.85	6.14	6.49
7	---	---	---	---	---	---	---	---	---	4.93	6.18	6.49
8	---	---	---	---	---	---	---	---	---	4.99	6.23	6.50
9	---	---	---	---	---	---	---	---	---	5.06	6.24	6.48
10	---	---	---	---	---	---	---	---	---	5.13	6.29	6.47
11	---	---	---	---	---	---	---	---	---	5.20	6.33	6.43
12	---	---	---	---	---	---	---	---	---	5.29	6.35	6.39
13	---	---	---	---	---	---	---	---	---	5.36	6.35	6.35
14	---	---	---	---	---	---	---	---	---	5.39	6.34	6.33
15	---	---	---	---	---	---	---	---	---	5.43	6.35	6.32
16	---	---	---	---	---	---	---	---	---	5.46	6.37	6.32
17	---	---	---	---	---	---	---	---	---	5.49	6.40	6.34
18	---	---	---	---	---	---	---	---	---	5.52	6.40	6.33
19	---	---	---	---	---	---	---	---	---	5.56	6.35	6.31
20	---	---	---	---	---	---	---	---	---	5.60	6.31	6.29
21	---	---	---	---	---	---	---	---	---	5.64	6.21	6.29
22	---	---	---	---	---	---	---	---	---	5.68	6.15	6.29
23	---	---	---	---	---	---	---	---	---	5.70	6.15	6.26
24	---	---	---	---	---	---	---	---	---	5.73	6.20	6.23
25	---	---	---	---	---	---	---	---	---	5.78	6.26	6.19
26	---	---	---	---	---	---	---	---	---	5.82	6.30	6.17
27	---	---	---	---	---	---	---	---	---	5.87	6.32	6.16
28	---	---	---	---	---	---	---	---	---	5.90	6.36	6.13
29	---	---	---	---	---	---	---	---	---	5.92	6.38	6.10
30	---	---	---	---	---	---	---	---	---	5.97	6.41	6.07
31	---	---	---	---	---	---	---	---	---	6.00	6.42	---
MAX	---	---	---	---	---	---	---	---	---	---	6.42	6.50
MIN	---	---	---	---	---	---	---	---	---	---	6.01	6.07

AMARGOSA DESERT

362450116201401. Local number 230 S18 E50 04DDA 1; local name, SW Drainage South Well.

LOCATION.--Lat 36°24'50", long 116°20'14". Hydrologic Unit 18090202, at Ash Meadows National Wildlife Refuge in Nye County. Owner: U.S. Government.

AQUIFER.--Unconsolidated deposits of Quaternary age.

WELL CHARACTERISTICS.--Unused observation well; diameter 2.0 in; depth 9.75 ft; cased 9.75 ft; perforated 6.75 ft to 9.75 ft.

INSTRUMENTATION.--Water-level recorder (pressure sensor) May 1994 to June 1995.

DATUM.--Elevation of land-surface datum is 2,166 ft above sea level from topographic map. Measuring point: Top of casing, 3.43 ft above land-surface datum.

REMARKS.--Well installed as part of evapotranspiration study. Water level affected by flow in nearby drainage ditch.

PERIOD OF RECORD.--May 1994 to June 1995, continuous; July to September 1995, intermittent.

EXTREMES FOR PERIOD OF RECORD.-- Highest water level measured, 3.39 ft below land-surface datum, April 24, 1995; lowest measured, 8.53 ft below land-surface datum, October 4, 1994.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	6.97	7.04	6.53	6.18	6.20	6.31	5.84	7.39	---	---	---
2	---	6.95	6.94	6.51	6.19	6.18	6.34	5.94	7.44	---	---	---
3	---	7.03	6.86	6.49	6.21	6.15	6.36	6.02	7.50	---	---	---
4	---	7.16	6.81	6.44	6.22	6.23	6.35	6.08	7.55	---	---	---
5	---	7.29	6.77	6.40	6.23	6.27	6.34	6.14	7.60	---	---	---
6	---	7.35	6.74	6.39	6.24	6.32	6.35	6.19	7.63	---	---	---
7	---	7.37	6.72	6.35	6.24	6.24	6.37	6.25	7.59	---	---	---
8	---	7.24	6.70	6.32	6.27	6.17	6.38	6.31	7.56	---	---	---
9	---	7.10	6.68	6.29	6.30	6.14	6.40	6.34	7.61	---	---	---
10	---	7.05	6.66	6.26	6.30	6.14	6.42	6.38	7.68	---	---	---
11	---	7.08	6.64	6.25	6.29	6.12	6.43	6.42	7.76	---	---	---
12	---	7.05	6.72	6.25	6.30	6.14	6.41	6.48	7.80	---	---	---
13	---	7.07	6.78	6.23	6.31	6.15	6.19	6.53	7.82	---	---	---
14	---	7.05	6.80	6.19	6.37	6.19	6.03	6.60	7.72	---	---	---
15	---	7.01	6.82	6.22	6.49	6.26	5.66	6.65	7.53	---	---	---
16	---	7.00	6.84	6.30	6.57	6.33	5.46	6.70	7.31	---	---	---
17	---	6.98	6.87	6.32	6.52	6.30	5.41	6.77	7.05	---	---	---
18	7.49	7.02	6.93	6.33	6.47	6.26	5.63	6.83	6.87	---	---	---
19	7.40	7.01	6.98	6.32	6.43	6.23	5.74	6.89	6.80	---	---	---
20	7.33	6.97	6.94	6.33	6.39	6.20	5.42	6.95	6.95	---	---	---
21	7.26	6.96	6.88	6.35	6.35	6.20	4.98	7.01	7.08	---	---	---
22	7.19	6.98	6.82	6.36	6.32	6.25	4.43	7.07	7.23	---	---	---
23	7.14	7.06	6.76	6.34	6.30	6.27	4.08	7.12	---	---	---	---
24	7.10	7.00	6.72	6.27	6.26	6.30	3.93	7.15	---	---	---	---
25	7.04	6.95	6.68	6.17	6.24	6.31	4.55	7.11	---	---	---	---
26	7.00	7.05	6.66	6.13	6.24	6.32	5.02	6.69	---	---	---	---
27	6.96	7.21	6.62	6.11	6.24	6.31	5.29	6.83	---	---	---	---
28	6.91	7.29	6.59	6.14	6.23	6.26	5.49	7.08	---	---	---	---
29	6.89	7.22	6.56	6.17	---	6.23	5.63	7.21	---	---	---	---
30	6.96	7.12	6.55	6.20	---	6.27	5.76	7.29	---	---	---	---
31	7.00	---	6.54	6.19	---	6.30	---	7.34	---	---	---	---
MAX	---	7.37	7.04	6.53	6.57	6.33	6.43	7.34	---	---	---	---
MIN	---	6.95	6.54	6.11	6.18	6.12	3.93	5.84	---	---	---	---

AMARGOSA DESERT

362421116200701. Local number, 230 S18 E50 10BCB 1; local name, Lower Crystal Well.

LOCATION.--Lat 36°24'21", long 116°20'07". Hydrologic Unit 18090202, at Ash Meadows National Wildlife Refuge in Nye County. Owner U.S. Government.

AQUIFER.--Unconsolidated deposits of Quaternary age.

WELL CHARACTERISTICS.--Unused observation well; diameter 2.0 in; depth 12.0 ft; cased 12.0 ft; perforated 3.8 to 11.65 ft.

INSTRUMENTATION.--Water-level recorder (pressure sensor) August to September 1995.

DATUM.--Elevation of land-surface datum is 2,148 ft above sea level from topographic map. Measuring point: Top of casing, 1.33 ft above land-surface datum.

REMARKS.--Well installed as part of evapotranspiration study.

PERIOD OF RECORD.-- December 1994 to August 1995, monthly; August to September 1995, continuous.

EXTREMES FOR PERIOD OF RECORD.-- Highest water level measured, -0.08 ft above land-surface datum, January 9, 1995; lowest measured, 1.78 ft below land-surface datum, September 4, 5, 7, 8, 1995.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	---	1.76
2	---	---	---	---	---	---	---	---	---	---	---	1.77
3	---	---	---	---	---	---	---	---	---	---	---	1.76
4	---	---	---	---	---	---	---	---	---	---	---	1.78
5	---	---	---	---	---	---	---	---	---	---	---	1.78
6	---	---	---	---	---	---	---	---	---	---	---	1.77
7	---	---	---	---	---	---	---	---	---	---	---	1.78
8	---	---	---	---	---	---	---	---	---	---	---	1.78
9	---	---	---	---	---	---	---	---	---	---	---	1.77
10	---	---	---	---	---	---	---	---	---	---	---	1.76
11	---	---	---	---	---	---	---	---	---	---	---	1.75
12	---	---	---	---	---	---	---	---	---	---	---	1.73
13	---	---	---	---	---	---	---	---	---	---	---	1.71
14	---	---	---	---	---	---	---	---	---	---	---	1.71
15	---	---	---	---	---	---	---	---	---	---	---	1.70
16	---	---	---	---	---	---	---	---	---	---	---	1.70
17	---	---	---	---	---	---	---	---	---	---	---	1.71
18	---	---	---	---	---	---	---	---	---	---	---	1.69
19	---	---	---	---	---	---	---	---	---	---	---	1.67
20	---	---	---	---	---	---	---	---	---	---	---	1.66
21	---	---	---	---	---	---	---	---	---	---	---	1.66
22	---	---	---	---	---	---	---	---	---	---	---	1.65
23	---	---	---	---	---	---	---	---	---	---	---	1.63
24	---	---	---	---	---	---	---	---	---	---	---	1.61
25	---	---	---	---	---	---	---	---	---	---	---	1.59
26	---	---	---	---	---	---	---	---	---	---	---	1.58
27	---	---	---	---	---	---	---	---	---	---	---	1.56
28	---	---	---	---	---	---	---	---	---	---	---	1.55
29	---	---	---	---	---	---	---	---	---	---	---	1.53
30	---	---	---	---	---	---	---	---	---	---	---	1.52
31	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	1.78
MIN	---	---	---	---	---	---	---	---	---	---	---	1.52

GROUND-WATER LEVELS

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT--Continued

AMARGOSA DESERT

362402116190501. Local number, 230 S18 E50 12CBC 1; local name, Ash Forest Well.

LOCATION.--Lat 36°24'02", long 116°19'05". Hydrologic Unit 18090202, at Ash Meadows National Wildlife Refuge in Nye County. Owner: U.S. Government.

AQUIFER.--Unconsolidated deposits of Quaternary age.

WELL CHARACTERISTICS.--Unused observation well; diameter 2.0 in; depth 8.5 ft; cased 8.5 ft; perforated 3.17 to 8.17 ft.

INSTRUMENTATION.--Water-level recorder (pressure sensor) October 1994 to June 1995.

DATUM.--Elevation of land-surface datum is 2,183 ft above sea level from topographic map. Measuring point: Top of casing, 2.0 ft above land-surface datum.

REMARKS.--Well installed as part of evapotranspiration study.

PERIOD OF RECORD.-- July to September 1994, monthly; October 1994 to June 1995, continuous; July to September 1995, intermittent.

EXTREMES FOR PERIOD OF RECORD.-- Highest water level measured, 0.62 ft below land-surface datum, January 26, 1995; lowest measured, 5.79 ft below land-surface datum, September 13, 1994.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	3.79	2.92	2.19	1.04	.94	1.19	1.96	2.65	---	---	---
2	---	3.77	2.90	2.16	1.08	1.00	1.23	2.03	2.70	---	---	---
3	---	3.75	2.88	2.14	1.11	1.03	1.28	2.04	2.74	---	---	---
4	---	3.71	2.86	2.06	1.09	1.08	1.28	2.05	2.78	---	---	---
5	---	3.67	2.83	1.96	1.08	1.05	1.29	2.03	2.82	---	---	---
6	---	3.63	2.82	2.00	1.06	1.06	1.35	2.02	2.88	---	---	---
7	---	3.60	2.80	1.88	1.05	1.11	1.38	1.99	2.87	---	---	---
8	---	3.58	2.78	1.85	1.10	1.12	1.39	2.03	2.87	---	---	---
9	---	3.54	2.76	1.84	1.11	1.17	1.45	2.07	2.91	---	---	---
10	---	3.50	2.72	1.75	1.08	1.09	1.46	2.11	2.94	---	---	---
11	---	3.48	2.70	1.68	1.06	.77	1.44	2.13	2.98	---	---	---
12	---	3.45	2.67	1.70	1.07	1.00	1.45	2.18	3.04	---	---	---
13	---	3.44	2.67	1.67	1.11	1.05	1.53	2.21	3.09	---	---	---
14	---	3.40	2.64	1.63	1.12	1.05	1.55	2.24	3.13	---	---	---
15	---	3.36	2.63	1.62	1.16	1.05	1.51	2.21	3.14	---	---	---
16	---	3.32	2.61	1.62	1.14	1.07	1.51	2.22	3.22	---	---	---
17	---	3.29	2.58	1.62	1.12	1.11	1.49	2.27	3.24	---	---	---
18	---	3.27	2.56	1.62	1.12	1.12	1.35	2.31	3.26	---	---	---
19	---	3.25	2.55	1.58	1.14	1.15	1.28	2.35	3.28	---	---	---
20	4.22	3.21	2.52	1.55	1.11	1.15	1.40	2.39	3.34	---	---	---
21	4.18	3.18	2.50	1.48	1.09	1.20	1.52	2.44	3.39	---	---	---
22	4.14	3.16	2.48	1.46	1.09	1.25	1.58	2.47	3.42	---	---	---
23	4.11	3.13	2.45	1.23	1.12	1.12	1.62	2.42	---	---	---	---
24	4.07	3.10	2.43	.88	1.11	.79	1.64	2.27	---	---	---	---
25	4.04	3.07	2.34	.70	1.08	.97	1.67	2.28	---	---	---	---
26	4.01	3.06	2.32	.62	1.09	1.07	1.72	2.37	---	---	---	---
27	3.97	3.04	2.30	.89	1.09	1.12	1.79	2.42	---	---	---	---
28	3.94	3.02	2.26	.98	1.04	1.15	1.85	2.45	---	---	---	---
29	3.91	3.00	2.24	1.03	---	1.19	1.89	2.52	---	---	---	---
30	3.88	2.97	2.23	1.04	---	1.23	1.94	2.57	---	---	---	---
31	3.85	---	2.22	1.04	---	1.23	---	2.61	---	---	---	---
MAX	---	3.79	2.92	2.19	1.16	1.25	1.94	2.61	---	---	---	---
MIN	---	2.97	2.22	.62	1.04	.77	1.19	1.96	---	---	---	---

AMARGOSA DESERT

362417116163600. Local number, 230 S18 E51 07BDB 1; local name, Point of Rocks South Well.

LOCATION.--Lat 36°24'20", long 116°16'37", Hydrologic Unit 18090202, in Nye County.
Owner: U.S. Fish and Wildlife Service.

AQUIFER.--Valley-fill deposits of Quaternary Age and carbonate rocks of Paleozoic age.

WELL CHARACTERISTICS.--Drilling date unknown, well diameter 14 in., depth 818 ft, cased 468 ft, perforated 132 ft to 467 ft, open hole 468 ft to 818 ft. Well depth measured in February 1990, 586 ft.

INSTRUMENTATION.--Water-level recorder since September 1993, hourly.

DATUM.--Elevation of land-surface datum is 2,333.5 ft above sea level, from level measurements. Measuring point: Hole in southwest corner of wood covering top of casing, 0.8 ft above land-surface datum.

REMARKS.--Historically used as a ground-water withdrawal well for irrigation. Presently an unused observation well.

PERIOD OF RECORD.--1966, annually; April to October 1970, monthly; 1971, 1972, annually; December 1974 to June 1979, intermittent; October 1979 to December 1991, monthly; January 1992 to August 1993, weekly; September 1993 to current year, continuous.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, flowing, 1966; lowest measured (pumping), 112 feet below land-surface datum, September 1970; lowest measured (not pumping), 82.7 feet below land-surface datum, May 21, 1970.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.99	8.95	8.95	8.92	8.89	8.87	8.84	9.04	9.16	9.38	9.39	9.32
2	8.98	8.95	8.95	8.90	8.90	8.88	8.87	8.96	9.17	9.38	9.38	9.33
3	8.96	9.00	8.95	8.90	8.91	8.87	8.89	8.94	9.21	9.36	9.39	9.32
4	8.99	9.01	8.95	8.86	8.90	8.88	8.88	8.89	9.23	9.39	9.39	9.33
5	9.00	8.99	8.95	8.85	8.89	8.84	8.87	8.87	9.20	9.40	9.38	9.34
6	9.00	8.97	8.95	8.91	8.87	8.90	8.87	8.87	9.23	9.40	9.38	9.33
7	9.02	8.97	8.97	8.90	8.85	8.91	8.90	8.86	9.23	9.41	9.39	9.31
8	9.03	9.00	8.99	8.90	8.87	8.88	8.90	8.87	9.27	9.40	9.37	9.31
9	9.01	8.97	8.97	8.89	8.89	8.86	8.93	8.87	9.30	9.39	9.34	9.33
10	8.99	8.94	8.95	8.87	8.86	8.84	8.95	8.84	9.30	9.38	9.35	9.35
11	8.98	8.96	8.94	8.88	8.84	8.84	8.95	8.80	9.28	9.35	9.38	9.36
12	8.96	8.98	8.93	8.91	8.84	8.91	8.95	8.80	9.27	9.35	9.39	9.34
13	8.96	9.05	8.95	8.91	8.85	8.92	8.93	8.81	9.26	9.37	9.37	9.32
14	8.94	9.04	8.95	8.87	8.85	8.90	8.95	8.86	9.26	9.39	9.37	9.31
15	8.98	8.98	8.96	8.85	8.90	8.89	8.91	8.86	9.29	9.39	9.38	9.30
16	9.03	8.96	8.96	8.88	8.91	8.88	8.93	8.83	9.36	9.40	9.37	9.31
17	9.03	8.96	8.94	8.92	8.91	8.90	8.97	8.91	9.40	9.39	9.37	9.32
18	9.01	8.99	8.93	8.95	8.91	8.89	8.93	9.05	9.38	9.37	9.37	9.32
19	---	9.02	8.95	8.94	8.91	8.87	8.95	9.09	9.36	9.39	9.36	9.32
20	9.02	9.00	8.95	8.93	8.88	8.84	8.95	9.11	9.36	9.39	9.39	9.30
21	9.02	9.00	8.94	8.94	8.86	8.84	9.00	9.11	9.39	9.38	9.39	9.31
22	9.01	9.03	8.93	8.95	8.87	8.87	9.02	9.12	9.39	9.38	9.36	9.28
23	9.02	9.01	8.91	8.92	8.88	8.84	9.01	9.15	9.39	9.39	9.35	9.27
24	9.01	8.98	8.91	8.89	8.87	8.88	8.98	9.15	9.38	9.39	9.35	9.29
25	9.00	8.95	8.92	8.86	8.87	8.89	8.96	9.17	9.35	9.37	9.35	9.25
26	9.02	8.98	8.95	8.87	8.88	8.90	8.98	9.18	9.36	9.39	9.35	9.26
27	9.01	9.01	8.93	8.91	8.89	8.87	8.98	9.19	9.38	9.40	9.36	9.28
28	8.99	9.00	8.91	8.91	8.88	8.86	9.01	9.20	9.37	9.40	9.36	9.26
29	9.00	9.00	8.91	8.91	---	8.87	9.04	9.21	9.38	9.39	9.35	9.30
30	9.03	8.97	8.92	8.91	---	8.87	9.10	9.21	9.38	9.37	9.35	9.29
31	9.03	---	8.93	8.90	---	8.87	---	9.20	---	9.40	9.33	---
MAX	---	9.05	8.99	8.95	8.91	8.92	9.10	9.21	9.40	9.41	9.39	9.36
MIN	---	8.94	8.91	8.85	8.84	8.84	8.84	8.80	9.16	9.35	9.33	9.25

GROUND-WATER LEVELS

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT

Periodic water-level measurements are made throughout the Nevada Test Site to aid in characterizing the local ground-water flow system. The measurements are made in cooperation with the U.S. Department of Energy as part of their Environmental Restoration and Hydrologic Resources Management Programs. The following data have been collected and reviewed according to quality-assurance requirements specific to the Nevada Test Site. Data are listed by Nevada Test Site administrative area and then by RSN hole number within each area. The measurement sites are shown in figures 38.

RSN hole number.–Drill-hole number assigned by Raytheon Services Nevada
Site Identification.–U.S. Geological Survey site designation
Elevation.–Datum is sea level. Value may not represent current elevation.
Hole Depth.–Datum is land surface. Represents most recent available accessible depth.
Depth of open interval.–Datum is land surface. Bottom of open interval may be deeper than accessible hole depth.
Type of Opening.–P, perforated or slotted casing; S, screen: X, open (uncased) hole.
Depth to water.–Datum is land surface. Value may not represent static water level.
Status.–O, obstructed; P, pumping.
Method.–S, steel tape; T, electric tape; V, wire-line device.

RSN Hole Number	Site Identification	Latitude	Longitude	Date Hole Completed	Elevation (Feet above Sea Level)	Hole Depth (feet)	Depth of Open Interval Top (feet)	Depth of Open Interval Bottom (feet)	Type of Opening	Depth to Water Date	Depth to Water (feet)	Status	Method
					AREA 1								
UE-1a	370254116070601	37°02'54"	116°07'06"	02/02/64	4303.2	562.	78.	947.	X	11/23/94	547.39	–	T
							947.	957.	X	06/15/95	545.21	–	T
UE-1b	370254116064201	37°02'54"	116°06'42"	02/10/64	4272.8	701.	76.	80.	X	11/23/94	645.03	–	T
							80.	1254.	X	06/15/95	644.41	–	T
UE-1c	370253116055201	37°02'53"	116°05'52"	02/11/64	4205.8	1772.	74.	80.	X	11/23/94	1297.61	–	V
							80.	1880.	X	06/15/95	1297.51	–	V
UE-1h	370005116040301	37°00'05"	116°04'03"	07/03/68	3995.	3228.	2134.	2349.	X	11/23/94	1557.36	–	V
							2349.	3358.	X	06/15/95	1556.84	–	V
UE-1L	370254116082002	37°02'54"	116°08'20"	11/11/77	4454.4	2284.	716.	726.	X	11/23/94	519.64	–	T
							726.	2284.	X	06/15/95	519.43	–	T
UE-1q	370337116033002	37°03'37"	116°03'30"	05/22/92	4081.6	2600.	2459.	2470.	X	11/23/94	1655.64	–	V
							2470.	2600.	X	03/07/95	1655.39	–	V
										06/27/95	1655.48	–	V
										09/20/95	1655.38	–	V
					AREA 2								
U-2gk	370720116041601	37°07'20"	116°04'16"	10/19/92	4240.78	1809.	116.	118.	X	10/18/94	1781.99	–	V
							118.	120.	X	02/13/95	1781.79	–	V
							120.	1809.	X	05/03/95	1781.54	–	S
										09/27/95	1781.45	–	S
UE-2ce	370831116080701	37°08'31"	116°08'07"	01/23/77	4764.4	1649.	1384.	1624.	P	10/03/94	1445.42	–	S
							1624.	1650.	X	11/02/94	1445.30	–	S
										12/02/94	1445.63	–	S
										02/01/95	1445.97	–	S
										03/01/95	1445.59	–	S
										04/03/95	1445.90	–	S
										05/01/95	1445.60	–	S
										06/05/95	1446.10	–	S
										07/05/95	1445.89	–	S
										08/08/95	1445.80	–	S
										08/31/95	1445.89	–	S
										09/25/95	1445.72	–	S
WW-2	370958116051512	37°09'58"	116°05'15"	03/20/62	4470.	3422.	2700.	2950.	P	11/17/94	2054.28	–	V
							3164.	3412.	P	03/07/95	2054.38	–	V
										06/23/95	2054.98	–	V
										09/19/95	2054.69	–	V
					AREA 3								
ER-3-1-1	370116115561301	37°01'09"	115°56'09"	05/20/94	4408.1	2602.	2512.	2604.	X	06/26/95	2015.99	–	V
							2562.	2592.	P				
ER-3-1-2	370116115561302	37°01'09"	115°56'09"	05/20/94	4408.1	2310.	2208.	2310.	X	01/17/95	2016.53	–	V
							2260.1	2290.1	P	03/08/95	2016.53	–	V
										06/26/95	2016.04	–	V
										09/18/95	2016.39	–	V
ER-3-2-1	370214116021001	37°02'14"	116°02'10"	02/18/94	4007.9	2938.	2860.	3000.	X	06/26/95	1605.88	–	V
							2897.39	2917.39	P				

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT–Continued

RSN Hole Number	Site Identification	Latitude	Longitude	Date Hole Completed	Elevation (Feet above Sea Level)	Hole Depth (feet)	Depth of Open Interval Top (feet)	Depth of Open Interval Bottom (feet)	Type of Opening	Depth to Water Date	Depth to Water (feet)	Status	Method
AREA 3–Continued													
ER-3-2-2	370214116021002	37°02'14"	116°02'10"	02/18/94	4007.9	2655.	2588.	2636.	X	01/17/95	1605.67	–	V
							2614.	2634.	P	03/02/95	1605.37	–	V
										06/26/95	1600.33	–	V
ER-3-2-3	370214116021003	37°02'14"	116°02'10"	02/18/94	4007.9	1779.	1550.	1890.	X	01/17/95		O	
							1630.	1660.	P	06/27/95		O	V
							1716.	1749.	P				
TW-7	370353116020201	37°03'53"	116°02'02"	06/27/54	4063.4	2239.	1710.	1720.	P	11/25/94	1636.57	–	V
							1925.	1935.	P	02/15/95	1627.07	–	V
							1970.	2014.	P	05/22/95	1637.28	–	V
							1977.	2251.	P				
U-3cn 5	370320116012001	37°03'34"	116°01'21"	02/07/66	4012.2	2830.	2832.	2835.	X	12/05/94	1620.59	–	S
							2835.	3028.	X				
							3028.	3030.	X				
U-3mi	370020115593001	37°00'21"	115°59'30"	01/20/86	4003.5	1761.	372.	380.	X	11/03/94	1563.06	–	V
							380.	1794.	X	02/15/95	1562.51	–	V
										05/18/95	1561.99	–	V
UE-3e 4-1	370411116025910	37°04'11"	116°02'59"	03/19/90	4082.3	2181.	2150.	2171.	S	08/02/95	1135.64	–	S
										08/09/95	1135.67	–	S
UE-3e 4-2	370411116025911	37°04'11"	116°02'59"	03/22/90	4082.3	1919.	1887.	1908.	S	11/25/94	1345.92	–	V
										02/22/95	1347.82	–	V
										06/30/95	1352.56	–	V
										07/27/95	1354.06	–	S
										08/01/95	1354.30	–	S
										08/11/95	1356.28	–	S
UE-3e 4-3	370411116025912	37°04'11"	116°02'59"	03/26/90	4082.3	1661.	1619.	1640.	S	03/13/95	1551.38	–	S
WW-A	370142116021101	37°02'13"	116°02'10"	08/29/60	4006.	1870.	1608.	1870.	P	01/11/95	1608.81	–	V
										03/02/95	1606.51	–	V
										06/27/95	1606.47	–	V
										09/18/95	1606.27	–	V
AREA 4													
TW-D	370418116044501	37°04'28"	116°04'30"	01/08/61	4152.	1950.	1772.	1792.	P	11/23/94	1723.39	–	V
							1792.	1812.	P	05/22/95	1723.06	–	V
							1812.	1832.	P				
							1832.	1882.	P				
							1900.	1950.	X				
AREA 5													
RNM-2S	364922115580101	36°49'21"	115°58'01"	04/01/74	3133.	1156.	1038.	1119.	P	11/21/94	723.56	–	T
							1120.	1156.	X	03/30/95	723.57	–	T
										06/19/95	723.51	–	T
UE-5n	364915115574101	36°49'15"	115°57'41"	03/01/76	3112.2	1687.	720.	730.	P	11/21/94	704.96	–	V
							1523.	1687.	X	02/22/95	704.75	–	V
										08/22/95	704.86	–	V
WW-5A	364635115572901	36°46'35"	115°57'29"	03/23/51	3093.0	910.	642.	877.	P	10/24/94	712.04	–	T
										02/21/95	711.27	–	S
										05/02/95	711.60	–	S
										09/20/95	712.64	–	T
										09/26/95	711.94	–	S
AREA 6													
ER-6-1	365904115593401	36°59'04"	115°59'34"		3934.7					11/08/94	1548.16	–	V
										01/09/95	1547.86	–	V
										03/08/95	1547.76	–	V
										06/28/95	1547.70	–	V
										09/13/95	1547.55	–	V
ER-6-1	365904115593403	36°59'04"	115°59'34"		3934.71					11/08/94	1470.13	–	V
										01/09/95	1473.43	–	V
										03/08/95	1473.23	–	V
										06/28/95	1473.32	–	V
										09/13/95	1473.47	–	V

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT–Continued

RSN Hole Number	Site Identification	Latitude	Longitude	Date Hole Completed	Elevation (Feet above Sea Level)	Hole Depth (feet)	Depth of Open Interval Top (feet)	Depth of Open Interval Bottom (feet)	Type of Opening	Depth to Water Date	Depth to Water (feet)	Status	Method
AREA 6–Continued													
ER-6-1 1S	365904115593402	36°59'04"	115°59'34"		3934.9					11/08/94	1547.16	–	V
										01/13/95	1547.16	–	V
										03/08/95	1547.21	–	V
										06/28/95	1547.40	–	V
										09/13/95	1547.40	–	V
ER-6-2	365740116043501	36°57'40"	116°04'35"		4230.8					10/12/94	1788.64	–	V
										01/09/95	1788.89	–	V
										03/08/95	1788.79	–	V
										06/28/95	1788.59	–	V
										09/13/95	1788.54	–	V
TW-B	365849116002101	36°58'45"	116°00'49"	05/14/61	3929.0	1670.	1432.	1452.	P	10/24/94	1504.17	–	V
							1512.	1656.	P	05/02/95	1504.13	–	S
										05/17/95	1504.15	–	S
										09/26/95	1504.12	–	S
										09/27/95	1504.21	–	S
UE-6d	365905116033201	36°59'05"	116°03'32"	05/01/68	3947.	3864.	2125.	2617.	X	11/07/94	1514.86	–	V
							2617.	3886.	X	02/15/95	1515.01	–	V
							3886.	3896.	X	05/18/95	1514.90	–	V
UE-6e	365905116012001	36°59'05"	116°01'20"	11/01/73	3935.6	4208.	2090.	2886.	X	10/24/94	1510.25	–	V
							2886.	4209.	X	03/08/95	1510.15	–	V
										06/28/95	1510.14	–	V
										09/13/95	1510.14	–	V
WW-3	365942116032901	36°59'43"	116°03'29"	02/05/52	3969.0	1765.	1535.	1765.	P	11/07/94	1532.26	–	V
										03/07/95	1532.46	–	V
										06/27/95	1532.25	–	V
										09/21/95	1532.40	–	V
WW-4	365418116012601	36°54'18"	116°01'26"	11/18/81	3601.5	1479.	942.	1436.	P	10/24/94	836.17	–	T
							1438.	1479.	X	03/16/95	835.27	–	T
										06/19/95	835.24	–	T
WW-4A	365412116013901	36°54'12"	116°01'39"	02/21/90	3606.	1502.	1066	1281	P	10/24/94	852.13	–	T
							1365	1457	P	03/16/95	835.25	–	T
										06/19/95	835.29	–	T
AREA 7													
U-4u PS 2A	370513116025101	37°05'13"	116°02'57"	08/30/90	4116.9	2280.	1610.	2280.	X	11/07/94	1545.14	–	V
										02/22/95	1539.37	–	V
										06/30/95	1532.56	–	V
UE-4t 1	370556116025405	37°05'56"	116°02'54"	10/24/90	4143.6	2010.	1906.	2010.	X	10/03/94	312.62	–	T
							1963.	1992.	P	11/02/94	313.92	–	T
										12/02/94	315.46	–	T
										01/04/95	317.60	–	T
										01/26/95	317.89	–	T
										02/01/95	318.66	–	T
										03/01/95	319.92	–	T
										04/03/95	321.66	–	T
										05/01/95	323.07	–	T
										06/05/95	325.75	–	T
										07/05/95	327.19	–	T
										07/27/95	328.23	–	S
										09/18/95	331.09	–	T
UE-4t 2	370556116025406	37°05'56"	116°02'54"	10/24/90	4143.6	1754.	1564.	1754.	X	02/07/95	1180.94	–	S
							1664.	1724.	P	05/19/95	1185.21	–	V
										09/18/95	1183.51	–	V
UE-7nS	370556116000901	37°05'56"	116°00'09"	07/14/76	4369.8	2205.	1995.	2199.	P	11/03/94	1969.77	–	V
							2199.	2205.	X	02/13/95	1969.97	–	V
							1960.	2020.	P	05/19/95	1969.60	–	V
							1962.	2022.	P				

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT–Continued

RSN Hole Number	Site Identification	Latitude	Longitude	Date Hole Completed	Elevation (Feet above Sea Level)	Hole Depth (feet)	Depth of Open Interval Top (feet)	Depth of Open Interval Bottom (feet)	Type of Opening	Depth to Water Date	Depth to Water (feet)	Status	Method
					AREA 10								
UE-10j	371108116045301	37°11'08"	116°04'53"	05/27/65	4573.7	2380.	55.	2380.	X	02/23/95	2160.90	–	V
										03/07/95	2160.75	–	V
										06/23/95	2160.35	–	V
										09/19/95	2160.51	–	V
					AREA 11								
UE-11a	365259115571601	36°52'59"	115°57'16"	00/00/65	3547.		599.	610.	X	10/24/94		O	
							610.	1400.	X				
					AREA12								
ER-12-1	371106116110401	37°11'06"	116°11'04"	02/26/92	5820	3434	1693.16	1820.88	P	03/07/95	1533.98	–	V
							1920.32	1959.86	P	06/23/95	1533.22	–	V
							2509.47	2593.52	P	09/19/95	1532.77	–	V
							2990.44	3162.17	P				
							3357.70	3441.56	P				
U-12s	371342116125102	37°13'42"	116°12'51"	03/15/66	6794.2	1467.	12.	583.	X	11/17/94	941.08	–	V
							583.	1480.	X	06/01/95	940.89	–	V
UE-12t 6	371332116112802	37°13'32"	116°11'28"	09/16/88	6907.0	1461.	23.	75.	X	11/17/94	845.66	–	V
							416.	416.1	P	06/01/95	845.65	–	V
							466.	466.1	P				
							490.	490.1	P				
							540.	540.1	P				
							570.	570.1	P				
							620.	620.1	P				
							674.	1461.	X				
					AREA 14								
UE-14b	365550116091101	36°55'50"	116°09'11"	01/30/84	4353.4	3680.	2051.	2060.	X	11/25/94	1666.29	–	V
							2060.	3680.	X	06/16/95	1666.38	–	V
					AREA 16								
UE-16f	370208116092402	37°02'08"	116°09'24"	09/23/77	4651.5	1409.	1293.	1479.	X	11/23/94	368.57	–	T
										06/15/95	366.56	–	T
					AREA 17								
TW-1	370929116132311	37°09'29"	116°13'23"	1980	6155.8	3694.	1910.	1950.	P	11/15/94	1464.10	–	V
							2030.	2050.	P	06/01/95	1463.79	–	V
							2100.	2160.	P				
							2230.	2270.	P				
							2370.	2430.	P				
UE-17a	370425116095801	37°04'25"	116°09'58"	09/23/76	4696.5	1207.	745.	825.	P	11/16/94	634.24	–	T
							1005.	1015.	P	06/16/95	634.35	–	T
							1065.	1190.	P				
							1210.	1214.	X				
					AREA 18								
UE-18r	370806116264001	37°08'05"	116°26'41"	01/24/68	5538.2	4930.	1629.	1632.	X	11/16/94	1364.57	–	V
							1632.	4988.	X				
							4988.	5004.	X				
UE-18t	370741116194501	37°07'41"	116°19'45"	10/05/78	5201.	2600.	1896.	2600.	X	11/16/94	914.74	–	V
										06/16/95	914.69	–	V
					AREA 19								
ER-19-1-1	371043116142101	37°10'43"	116°14'21"	12/17/93	6139.8	3577.5	3210.	3560.	X	01/11/95	1791.60	–	V
							3249.1	3308.8	P	03/02/95	1792.30	–	V
							3450.5	3510.2	P	06/29/95	1793.29	–	V
										09/20/95	1793.99	–	V
ER-19-1-2	371043116142102	37°10'43"	116°14'21"	12/17/94	6139.8	2720.1	2550.	2738.	X	01/11/95	1230.19	–	V
							2700.1	2720.1	P	03/02/95	1173.18	–	V
										03/06/95	1171.88	–	V
										06/29/95	1149.14	–	V
										09/20/95	1164.65	–	V

GROUND-WATER LEVELS

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT--Continued

RSN Hole Number	Site Identification	Latitude	Longitude	Date Hole Completed	Elevation (Feet above Sea Level)	Hole Depth (feet)	Depth of Open Interval Top (feet)	Depth of Open Interval Bottom (feet)	Type of Opening	Depth to Water Date	Depth to Water (feet)	Status	Method
AREA 19--Continued													
ER-19-1-3	371043116142103	37°10'43"	116°14'21"	12/17/94	6139.8	1380.5	1301.	1422.	X	01/11/95	1007.62	–	V
							1360.	1380.5	P	03/02/95	1007.32	–	V
										06/29/95	1007.44	–	V
										09/20/95	1007.79	–	V
U-19bh	371349116222001	37°13'49"	116°22'20"	06/14/91	6767.9	2148.	70.	72.	X	11/15/94	2095.19	–	V
							72.	2148.	X	05/30/95	2094.53	–	V
U-19bj	371736116184701	37°17'36"	116°18'47"	06/02/92	7035.0	2153.	57.	62.5	X	10/18/94	2133.69	–	V
							62.5	2153.	X	05/31/95	2133.82	–	V
U-19bk	371714116230301	37°17'14"	116°23'03"	12/11/91	6669.94	2198.	57.	62.	X	10/17/94	1985.27	–	V
							62.	2198.	X	05/30/95	1985.55	–	V
UE-19c WW	371608116191002	37°16'08"	116°19'10"	06/30/75	7033.1	8489.	2421.	3209.	X	03/06/95	2340.32	–	V
							3209.	8489.	X	06/21/95	2340.02	–	V
										09/21/95	2340.17	–	V
UE-19h	372034116222504	37°20'34"	116°22'25"	01/17/92	6780.1	2283.0	2050.	2283.	P	11/14/94	2111.45	–	V
										03/06/95	2111.04	–	V
										06/21/95	2111.22	–	V
										09/21/95	2111.52	–	V
AREA 20													
ER-20-1	371321116292301	37°13'21"	116°29'23"		6180.					10/12/94	1987.67	–	V
										02/27/95	1988.32	–	V
										06/20/95	1988.25	–	V
										09/22/95	1988.55	–	V
PM-1	371649116242102	37°16'49"	116°24'21"	05/03/64	6557.8	7731.	7543.	7550.	X	10/26/94	2095.04	–	V
							7550.	7731.	X	05/30/95	2095.13	–	V
U-20 WW	371505116254501	37°15'05"	116°25'45"	07/22/85	6468.	3268.	2271.	3035.	P	10/17/94	2752.13	P	V
							3199	3268	X	10/19/94	2748.43	P	V
										10/20/94	2064.33	–	V
										10/26/94	2734.88	P	V
										10/31/94	2631.01	P	V
										05/26/95	2057.33	–	V
U-20bg	371414116242901	37°14'14"	116°24'29"	12/19/90	6567.2	2200.	57.	2200.	X	11/14/94	2135.64	–	V
										05/24/95	2136.27	–	V
U-20n PS 1DD-H	371425116252401	37°14'25"	116°25'24"	05/15/85	6468.1	3025.	2665.	2995.	P	10/26/94	2050.07	–	V
										06/21/95	2050.57	–	V
UE-20bh 1	371442116243301	37°14'42"	116°24'33"	09/29/91	6637.	2810.				11/14/94	2213.45	–	V
										05/24/95	2212.75	–	V
UE-20n 1	371425116251902	37°14'25"	116°25'19"	06/10/87	6460.7	2834.	2282.	2323.	X	10/25/94	2041.46	–	V
							2323.	2407.	X	05/31/95	2041.47	–	V
							2407.	2834.	X				
AREA 27													
TW-F	364534116065902	36°45'34"	116°06'59"	06/12/62	4142.7	3400.	3150.	3379.	X	11/21/94	1736.85	–	V
							3379.	3400.	X	06/29/95	1736.91	–	V

GROUND-WATER LEVELS

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT

Periodic water-level measurements are made in areas adjacent to the Nevada Test Site to aid in characterizing the local and regional ground-water flow systems. The measurements are made in cooperation with the U.S. Department of Energy as part of their Environmental Restoration and Hydrologic Resources Management Programs. The following data have been collected and reviewed according to quality-assurance requirements specific to the Nevada Test Site. Data are listed by Nevada hydrographic area and then by descending latitude/longitude. The measurement sites are shown in figures 38.

Site Identification.–U.S. Geological Survey site designation.
Elevation.–Datum is sea level. Value may not represent current elevation.
Hole Depth.–Datum is land surface. Represents most recent available accessible depth.
Depth of open interval.–Datum is land surface. Bottom of open interval may be deeper than accessible hole depth.
Type of Opening.–P, perforated or slotted casing; S, screen; X, open (uncased) hole; R, wire-wound.
Depth to water.–Datum is land surface. Levels above LSD (land surface-datum) are listed as negative values. Value may not represent static water level.
Status.–D, dry; F, flowing; P, pumping; R, pumped recently; S, nearby site that was being pumped taps same aquifer; T, nearby site that had been recently pumped taps aquifer.
Method.–A, airline; S, steel tape; T, electric tape; V, wire-line device.

Name	Site Identification	Latitude	Longitude	Date Hole Completed	Elevation (Feet above Sea Level)	Hole Depth (feet)	Depth of Open Interval Top (feet)	Depth of Open Interval Bottom (feet)	Type of Opening	Date	Depth to Water (feet)	Status	Method
LIDA VALLEY (144)													
Ralston Well	37332017090601	37°33'20"	117°09'06"		4756.					12/13/94	306.75	–	T
										06/06/95	306.73	–	T
SARCOBATUS FLAT (146)													
TPJ-1	370840116510101	37°08'40"	116°51'01"	1952	3991.					12/13/94	43.03	–	T
										06/06/95	43.02	–	T
TPJ-2	370753116502701	37°07'53"	116°50'27"		4005.					12/13/94	57.68	–	T
										06/06/95	57.64	–	T
GOLD FLAT (147)													
TTR Sulfide Mine	373446116433301	37°34'46"	116°43'33"		6130					12/14/94	55.47	–	T
										06/07/95	51.87	–	T
CACTUS FLAT (148)													
TTR Sandia 4	374739116453401	37°47'39"	116°45'34"	07/02/59	5468.2	580.	351.	466.	P	12/14/94	338.36	–	T
										06/07/95	338.17	–	T
TTR Sandia 2	374725116452701	37°47'25"	116°45'27"	09/00/56	5477.6	525.	325.	485.	P	12/14/94	346.83	–	T
										06/07/95	346.60	–	T
TTR EH-2 WW	374658116464102	37°46'58"	116°46'41"		5595.					12/14/94	454.20	–	A
										06/07/95	453.2	–	A
TTR EH-4	374619116435401	37°46'19"	116°43'54"	11/03/83	5458.	743.	150.	490.	P	12/14/94	315.56	–	T
										06/07/95	453.2	–	A
TTR Antelope Mine 3	373623116434701	37°36'23"	116°43'47"		6362.					12/14/94	33.65	–	T
										06/07/95	24.05	–	T
										06/07/95	315.38	–	T
TTR Antelope Mine 1	373622116434601	37°36'22"	116°43'46"		6350.					12/14/94	21.77	–	T
										06/07/95	14.14	–	T
TTR Antelope Mine 2	373622116434701	37°36'22"	116°43'47"		6356.					12/14/94	26.46	–	T
										06/07/95	16.95	–	T
STONE CABIN VALLEY (149)													
TTR Reeds Ranch Well	375453116450501	37°54'53"	116°45'05"		5384.					12/14/94	100.64	–	T
										06/07/95	100.53	–	T
TTR Sandia 3	375429116463201	37°54'30"	116°46'31"	06/10/59	5365.9	250.	145.	250.	P	12/14/94	119.50	–	A
										06/07/95	118.5	–	A
TTR EH-7 WW	375310116472302	37°53'10"	116°47'23"	09/01/89	5343.	660.	304.	650.	R	12/14/94	106.1	–	A
										06/07/95	106.1	–	A
TTR EH-6	375139116460001	37°51'39"	116°46'05"	11/17/83	5355.	535.	0.	310.	P	12/14/94	98.69	–	T
										06/07/95	97.83	–	T
TTR 3BB	375055116460201	37°50'55"	116°46'03"		5358.					12/14/94	110.18	–	T
										06/07/95	109.39	–	T
TTR 3B WW	375054116460201	37°50'54"	116°46'03"	01/11/85	5360.	300.	145.	284.	S	12/14/94	116.50	–	A
										06/07/95	115.5	–	A
TTR 3A WW	375045116460201	37°50'45"	116°46'03"	03/04/80	5362.	805.	537.	805.	X	12/14/94	203.59	–	T
										06/07/95	202.75	–	T

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT--Continued

Name	Site Identification	Latitude	Longitude	Date Hole Completed	Elevation (Feet above Sea Level)	Hole Depth (feet)	Depth of Open Interval Top (feet)	Depth of Open Interval Bottom (feet)	Type of Opening	Depth to Water Date	Depth to Water (feet)	Status	Method
HOT CREEK VALLEY (156)													
UC-1-P-2SR	383806116125951	38°38'06"	116°12'54"	04/06/68	6084.0	3600.	1148.	1945.	P	12/13/94	690.78	–	T
							1148.	2790.	P	06/06/95	680.14	–	T
HTH-2	383734116124502	38°37'40"	116°12'47"	08/12/67	6024.8	1000.	504.	1000.	P	12/13/94	554.22	–	T
										06/06/95	554.46	–	T
HTH-1	383734116124501	38°37'35"	116°12'45"	07/23/67	6010.8	3704.	150.	250.	P	12/13/94	536.54	–	T
							250.	345.	P	06/06/95	536.44	–	T
							355.	435.	P				
							435.	510.	P				
							700.	775.	P				
							775.	850.	P				
							950.	1050.	P				
							1050.	1150.	P				
							1400.	1500.	P				
							1660.	1720.	P				
							1850.	1980.	P				
							2200.	2300.	P				
							2400.	2460.	P				
							2640.	2710.	P				
							2950.	3010.	P				
							3590.	3665.	P				
FRENCHMAN FLAT (160)													
TW-3	364830115512601	36°48'30"	115°51'26"		3494	1853.				11/21/94	1104.12	–	V
										06/19/95	1104.37	–	V
INDIAN SPRINGS VALLEY (161)													
USAF MW-20	363529115392101	36°35'29"	115°39'21"	04/07/88	3092.8	65.	35.	65.	S	12/01/94	42.17	–	T
										06/14/95	41.49	–	T
USAF MW-21	363529115391301	36°35'29"	115°39'13"	04/07/88	3094.5	76.	45.	75.	S	12/01/94	43.83	–	T
										06/14/95	43.19	–	T
USAF MW-22	363508115391701	36°35'08"	115°39'17"	04/06/88	3100.4	65.	35.	65.	S	12/01/94	41.93	–	T
										06/14/95	40.75	–	T
USAF Well 3	363452115405101	36°34'49"	115°40'53"	01/11/85	3130.	600.	210.	305.	S	06/14/95	71.75	T	T
							410.	445.	S				
							490.	550.	S				
							560.	600.	S				
USAF Well 106-2	363447115404601	36°34'47"	115°40'49"	06/16/83	3133.	604.	133.	418.	P	12/20/94	64.77	–	T
										04/13/95	69.73	–	S
										06/14/95	65.52	R	T
Cactus Springs 3	363422115433701	36°34'22"	115°43'37"		3265.	100.	83.	100.	P	06/12/95	34.47	–	T
Army 2	363255115515801	36°32'55"	115°51'58"	09/03/58	3813.	658.	92.	658.	X	11/30/94	497.29	–	T
										06/12/95	497.26	–	T
Army 3	363238115464601	36°32'38"	115°46'46"	11/20/58	3616.9	826.	310.	435.	P	11/30/94	286.88	–	T
							453	826	X	06/12/95	286.83	–	T
TIKAPOO VALLEY--SOUTHERN PART (169 B)													
DDL-1	365711115115201	36°57'11"	115°11'52"	10/01/86	3208.	420.				11/30/94	157.06	–	T
										06/13/95	157.96	–	T
DDL-2	365502115134101	36°55'02"	115°13'41"	01/21/89	3300.	460.	13.	460.	X	11/30/94	213.52	–	T
										06/13/95	213.34	–	T
THREE LAKES VALLEY--SOUTHERN PART (211)													
USAF Alpha 3	363135115281401	36°31'35"	115°28'14"	07/27/87	3057.	210	155	165	S	12/20/94	67.87	–	T
							185	205	S				
LAS VEGAS VALLEY (212)													
DR-1	363332115244001	36°33'28"	115°24'38"	10/15/88	3579.	957.				11/30/94	815.97	–	T
										06/13/95	815.85	–	T
SBH-1 So Blk Hills-1	363212115240301	36°32'12"	115°24'03"	02/24/87	3475.	720.	665.	695.	S	10/06/94	579.55	–	T
USAF Well 2372-1	362830115270501	36°28'30"	115°26'57"		3180.	300.				12/20/94	212.90	–	S
										04/13/95	217.08	–	S
										06/14/95	213.65	–	S

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT–Continued

Name	Site Identification	Latitude	Longitude	Date Hole Completed	Elevation (Feet above Sea Level)	Hole Depth (feet)	Depth of Open Interval Top (feet)	Depth of Open Interval Bottom (feet)	Type of Opening	Date	Depth to Water (feet)	Status	Method
MERCURY VALLEY (225)													
Army 6A	363437116010801	36°34'37"	116°01'08"	1955	3445.	1253	1157.	1228.	P	12/06/94	1032.13	–	V
										06/19/95	1032.26	–	V
OASIS VALLEY (228)													
PM- 3-1	371421116333703	37°14'21"	116°33'37"	02/05/92	5822.8	3019.	1920.	2145.	P	11/16/94	1459.09	–	V
							1872.	2192.	X	02/27/95	1458.84	–	V
										06/20/95	1458.78	–	V
										09/22/95	1459.18	–	V
PM- 3-2	371421116333704	37°14'21"	116°33'37"	02/10/92	5822.8	3019.	1442.	1667.	P	11/16/94	1456.85	–	V
							1379.	1647.	X	02/27/95	1456.70	–	V
							1647.	1687.	X	06/20/95	1456.74	–	V
										09/22/95	1456.94	–	V
AMARGOSA DESERT (230)													
ASH-B Deep Well	364329116402901	36°43'29"	116°40'29"	12/16/94	2677.	1220.	1062.	1185.	P	01/19/95	313.29	–	T
										06/12/95	313.89	–	S
ASH-B Shallow Well	364329116402902	36°43'29"	116°40'29"	12/16/94	2677.	1220.	362.	428.	P	01/19/95	314.77	–	S
										06/12/95	314.50	–	S
LWS-A Deep Well	363317116270801	36°33'17"	116°27'08"	12/02/94	2396.	2025.	1706.	1827.	P	05/10/95	119.04	–	S
										06/12/95	119.25	–	S
LWS-A Shallow Well	363317116270802	36°33'17"	116°27'08"	12/02/94	2396.	2025.	212.	278.	P	05/10/95	144.72	–	S
										06/12/95	144.84	–	S
IMV Bentonite Mine Well	363157116221201	36°31'53"	116°22'16"		2374.					12/14/94	96.15	–	S
										02/22/95	96.05	–	S
										04/17/95	96.05	–	S
										07/18/95	96.23	–	S
										09/21/95	96.32	–	S
White Well	363030116104501	36°30'31"	116°10'47"	02/01/60	2403.		60	135	P	12/14/94	61.24	–	S
										02/22/95	61.19	–	S
										05/01/95	61.17	–	S
										07/05/95	61.38	–	S
										09/20/95	61.53	–	S
MSH-C Deep Well	363008116161201	36°30'08"	116°16'12"	11/23/94	2330.	2110.	1519.10	1636.38	P	05/30/95	-3.01	–	S
										06/20/95	-3.00	–	S
										07/05/95	-3.06	–	S
										07/18/95	-3.04	–	S
										08/07/95	-3.07	–	S
										09/20/95	-3.04	–	S
MSH-C Shallow Well	363008116161202	36°30'08"	116°16'12"	11/23/94	2330.	2110.	281.	314.	P	03/25/95	-3.34	–	T
										04/17/95	-3.32	–	S
										05/10/95	-3.32	–	S
										05/30/95	-3.34	–	S
										06/20/95	-3.41	–	S
										07/05/95	-3.37	–	S
										07/18/95	-3.39	–	S
										08/07/95	-3.40	–	S
										09/20/95	-3.35	–	S
Amargosa Flat Playa Well	362936116153001	36°29'36"	116°15'30"	02/13/95	2322.	14.8	9.1	14.1	P	02/13/95	3.98	–	S
										02/13/95	3.97	–	S
										02/22/95	3.98	–	S
										03/14/95	3.86	–	S
										03/28/95	3.92	–	S
										04/17/95	3.96	–	S
										05/10/95	4.10	–	S
										05/30/95	4.24	–	S
										06/20/95	4.51	–	S
										07/05/95	4.72	–	S
										07/18/95	4.91	–	S
										08/07/95	5.21	–	S
										08/31/95	5.49	–	S
										09/20/95	5.64	–	S

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT--Continued

Name	Site Identification	Latitude	Longitude	Date Hole Completed	Elevation (Feet above Sea Level)	Hole Depth (feet)	Depth of Open Interval Top (feet)	Depth of Open Interval Bottom (feet)	Type of Opening	Date	Depth to Water (feet)	Status	Method
AMARGOSA DESERT (230)--Continued													
Fairbanks Swamp Well	362902116202201	36°29'02"	116°20'22"	05/01/95	2248.	8.6	2.9	7.9	P	05/01/95	.56	–	S
										05/09/95	.27	–	S
										05/26/95	.30	–	S
										06/20/95	.52	–	S
										06/29/95	.93	–	S
										07/05/95	1.04	–	S
										07/18/95	1.31	–	S
										08/07/95	1.69	–	S
										08/24/95	1.74	–	S
										08/29/95	1.93	–	S
										09/21/95	2.11	–	S
Rogers Spring Well 2	362858116195302	36°28'57"	116°19'47"	07/12/71	2267.	390.	40.	332.	P	10/21/94	-.56	F	S
										12/19/94	-.60	F	S
										04/17/95	-.80	F	S
										07/05/95	-.88	F	S
										09/21/95	-.83	F	S
Rogers Spring ET2 Well	362856116195601	36°28'56"	116°19'56"	12/15/93	2252.90	5.83	3.58	5.83	P	10/04/94	3.03	–	S
										10/21/94	1.95	–	S
										10/28/94	1.55	–	S
										11/07/94	.95	–	S
										12/02/94	.39	–	S
										12/19/94	.30	–	S
										01/09/95	.21	–	S
										02/02/95	.21	–	S
										02/16/95	.24	–	S
										03/14/95	.22	–	S
										03/30/95	.30	–	S
										04/17/95	.33	–	S
										05/04/95	.40	–	S
										05/26/95	.43	–	S
										06/07/95	.51	–	S
										06/20/95	.67	–	S
										06/29/95	1.16	–	S
										07/05/95	1.34	–	S
										07/18/95	2.18	–	S
										08/07/95	3.45	–	S
										08/29/95	3.76	–	S
										09/21/95	3.42	–	S
Rogers Spring ET1 Well	362855116200701	36°28'55"	116°20'07"	12/14/93	2255.46	6.25	3.50	5.75	P	10/04/94		D	
										10/21/94		D	
										11/07/94	5.58	–	S
										12/02/94	3.99	–	S
										12/19/94	3.11	–	S
										01/04/95	1.57	–	S
										01/09/95	1.25	–	S
										02/02/95	.51	–	S
										02/16/95	.82	–	S
										03/14/95	.43	–	S
										03/30/95	.85	–	S
										04/17/95	1.14	–	S
										05/04/95	1.61	–	S
										05/26/95	1.47	–	S
										06/07/95	2.67	–	S
										06/20/95	3.49	–	S
										06/23/95	3.72	–	S
										07/05/95	4.53	–	S
										07/18/95	5.32	–	S
										08/07/95		D	
										08/24/95		D	
										09/21/95		D	

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT–Continued

Name	Site Identification	Latitude	Longitude	Date Hole Completed	Elevation (Feet above Sea Level)	Hole Depth (feet)	Depth of Open Interval Top (feet)	Depth of Open Interval Bottom (feet)	Type of Opening	Date	Depth to Water (feet)	Status	Method
AMARGOSA DESERT (230)–Continued													
Rogers Spring ET1-D Well	362855116200702	36°28'55"	116°20'07"	07/25/94	2255.46	10.2	2.33	9.63	P	10/04/94	6.87	–	S
										10/21/94	6.15	–	S
										11/07/94	5.33	–	S
										12/02/94	3.76	–	S
										12/19/94	2.87	–	S
										01/09/95	1.03	–	S
										02/02/95	.26	–	S
										02/16/95	.57	–	S
										03/14/95	.18	–	S
										03/30/95	.60	–	S
										04/17/95	.91	–	S
										05/04/95	1.36	–	S
										05/26/95	1.21	–	S
										06/07/95	2.43	–	S
										06/20/95	3.25	–	S
										07/05/95	4.32	–	S
										07/18/95	5.12	–	S
										08/07/95	6.05	–	S
										08/24/95	6.60	–	S
										08/29/95	6.71	–	S
										09/21/95	7.00	–	S
Trenary Well	362505116223001	36°28'02"	116°22'39"	03/21/64	2185.	100.	15.	100.	P	12/14/94	13.25	–	S
										02/13/95	13.04	–	S
										02/22/95	13.02	–	S
										03/30/95	12.90	–	S
										04/17/95	12.86	–	S
										05/09/95	12.84	–	S
										05/30/95	12.84	–	S
										06/20/95	12.86	–	S
										07/05/95	12.94	–	S
										08/07/95	13.14	–	S
										09/21/95	13.33	–	S
Mine Shaft	362755116202001	36°27'55"	116°20'20"		2257.	57				12/14/94	19.30	–	S
										02/22/95	18.24	–	S
										04/18/95	17.91	–	S
										05/30/95	18.15	–	S
										06/20/95	18.46	–	S
										07/05/95	18.70	–	S
										08/07/95	19.46	–	S
										09/21/95	20.30	–	S
Five Springs Shallow Well	362755116190402	36°27'55"	116°19'04"	06/01/68	2367.	90.	0.	90.	P	12/14/94		F	
										02/23/95		F	
Amargosa Flat Corral Well	362736116123201	36°27'44"	116°12'43"		2328.3	25.				12/14/94	-.38	F	S
										02/22/95	-.73	F	S
										05/01/95	-.41	F	S
										07/05/95	-.45	F	S
										09/20/95	-.37	F	S
Cold Spring Well	362743116205101	36°27'43"	116°20'51"	11/04/94	2207.	17.4	12.0	17.0	P	11/07/94	8.40	–	S
										12/02/94	7.63	–	S
										12/19/94	7.24	–	S
										01/09/95	5.42	–	S
										02/02/95	-.57	–	S
										02/23/95	-.18	–	S
										03/14/95	-.62	–	S
										03/30/95	-.39	–	S
										04/17/95	.27	–	S
										05/09/95	1.16	–	S
										05/30/95	2.16	–	S
										06/20/95	3.56	–	S
										07/05/95	4.33	–	S

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT–Continued

Name	Site Identification	Latitude	Longitude	Date Hole Completed	Elevation (Feet above Sea Level)	Hole Depth (feet)	Depth of Open Interval Top (feet)	Depth of Open Interval Bottom (feet)	Type of Opening	Date	Depth to Water (feet)	Status	Method
AMARGOSA DESERT (230)–Continued													
Cold Spring Well	362743116205101	36°27'43"	116°20'51"	11/04/94	2207.	17.4	12.0	17.0	P	07/18/95	5.04	–	S
										08/07/95	6.28	–	S
										08/29/95	7.49	–	S
										09/21/95	8.36	–	S
Buck Mining Windmill Well	362740116112601	36°27'38"	116°10'49"		2365.	22.				12/14/94	16.22	–	S
										02/22/95	16.06	–	S
										05/01/95	16.98	P	S
										07/05/95		P	
										09/20/95	17.89	P	S
Buck Mining Hand Dug Well	362738116104701	36°27'38"	116°10'47"		2365.	19.4				12/14/94	16.69	–	S
										02/22/95	16.50	–	S
										05/01/95	16.55	S	S
										07/05/95	17.09	S	S
										09/20/95	17.28	S	S
Carson West Well	362709116221101	36°27'09"	116°22'11"	11/04/94	2153.	17.8	9.8	17.45	P	11/07/94	9.68	–	S
										12/14/94	9.09	–	S
										02/07/95	.18	–	S
										02/22/95	.17	–	S
										03/14/95	.09	–	S
										03/30/95	.14	–	S
										04/17/95	.21	–	S
										05/09/95	.45	–	S
										05/30/95	1.84	–	S
										06/20/95	4.64	–	S
										07/05/95	6.16	–	S
										07/18/95	7.18	–	S
										08/07/95	8.10	–	S
										08/31/95	8.69	–	S
										09/21/95	9.05	–	S
Peterson Well	362648116201401	36°26'48"	116°20'14"	01/26/73	2215.	500.	90.	450.	P	12/14/94	4.73	–	S
										02/22/95	4.17	–	S
										04/18/95	4.37	–	S
										07/05/95	4.90	–	S
										09/21/95	5.39	–	S
Peterson Reservoir Well	362639116205801	36°26'39"	116°20'58"	10/31/94	2162	10.8	3.13	10.38	P	11/07/94	2.42	–	S
										12/02/94	1.73	–	S
										12/19/94	1.43	–	S
										01/09/95	.66	–	S
										02/02/95	-.18	–	S
										02/23/95	-.01	–	S
										03/14/95	.01	–	S
										03/30/95	.47	–	S
										04/17/95	.71	–	S
										05/09/95	.96	–	S
										05/30/95	1.23	–	S
										06/20/95	1.50	–	S
										07/05/95	1.76	–	S
										07/18/95	2.19	–	S
										08/07/95	2.93	–	S
										08/29/95	3.42	–	S
										09/21/95	3.73	–	S
Spring Meadows Rd Well	362536116211801	36°25'36"	116°21'18"	06/24/94	2140	14.3	8.84	13.84	P	10/04/94	7.44	–	S
										10/21/94	7.06	–	S
										11/07/94	6.87	–	S
										12/02/94	6.61	–	S
										12/19/94	6.45	–	S
										01/09/95	6.03	–	S
										02/02/95	5.44	–	S
										02/23/95	4.77	–	S
										03/14/95	4.34	–	S
										03/30/95	4.02	–	S

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT–Continued

Name	Site Identification	Latitude	Longitude	Date Hole Completed	Elevation (Feet above Sea Level)	Hole Depth (feet)	Depth of Open Interval Top (feet)	Depth of Open Interval Bottom (feet)	Type of Opening	Date	Depth to Water (feet)	Status	Method
AMARGOSA DESERT (230)–Continued													
Spring Meadows Rd Well	362536116211801	36°25'36"	116°21'18"	06/24/94	2140	14.3	8.84	13.84	P	10/04/94	7.44	–	S
										05/09/95	3.93	–	S
										05/30/95	4.39	–	S
										06/20/95	5.15	–	S
										07/03/95	5.77	–	S
										07/05/95	5.86	–	S
										07/18/95	6.32	–	S
										08/07/95	6.93	–	S
										08/29/95	7.28	–	S
										09/21/95	7.54	–	S
Mercury Farms Well	362554116204001	36°25'36"	116°20'22"	05/25/67	2178.	120.	60.	120.	P	12/14/94	7.89	–	S
										02/02/95	6.95	–	S
										02/23/95	6.74	–	S
										03/30/95	6.42	–	S
										04/17/95	6.29	–	S
										05/09/95	6.20	–	S
										05/30/95	6.18	–	S
										06/20/95	6.25	–	S
										07/05/95	6.43	–	S
										08/07/95	6.86	–	S
										08/29/95	7.25	–	S
										09/21/95	7.50	–	S
Carson Slough 3	362531116214901	36°25'31"	116°21'49"	01/18/94	2133.17	13.25	8.25	13.12	P	10/04/94	7.40	–	S
										10/21/94	7.21	–	S
										10/28/94	7.09	–	S
										11/07/94	6.96	–	S
										12/02/94	2.65	–	S
										12/14/94	1.87	–	S
										12/19/94	1.71	–	S
										01/09/95	.69	–	S
										02/02/95	-.01	–	S
										02/23/95	.47	–	S
										03/14/95	.16	–	S
										03/30/95	.42	–	S
										04/17/95	.54	–	S
										05/09/95	.67	–	S
										05/30/95	.74	–	S
										06/20/95	2.15	–	S
										06/29/95	3.63	–	S
										07/03/95	3.98	–	S
										07/18/95	5.06	–	S
										08/07/95	6.05	–	S
										08/29/95	6.67	–	S
										09/21/95	7.14	–	S
Spring Meadows 12	362529116160501	36°25'27"	116°16'08"	01/01/68	2433.	265.				12/14/94	74.40	–	S
										02/22/95	74.31	–	S
										04/17/95	74.35	–	S
										07/05/95	74.32	–	S
										09/21/95	74.37	–	S
Spring Meadows 11	362521116160801	36°25'21"	116°16'08"	01/01/68	2442.	215.				12/14/94	93.46	–	S
										02/22/95	93.38	–	S
										04/17/95	93.41	–	S
										07/05/95	93.41	–	S
										09/21/95	93.43	–	S

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT--Continued

Name	Site Identification	Latitude	Longitude	Date Hole Completed	Elevation (Feet above Sea Level)	Hole Depth (feet)	Depth of Open Interval Top (feet)	Depth of Open Interval Bottom (feet)	Type of Opening	Date	Depth to Water (feet)	Status	Method
AMARGOSA DESERT (230)--Continued													
SW Drainage North	362519116201301	36°25'19"	116°20'13"	04/21/94	2175.	14.5	9.45	14.45	S	10/04/94	10.88	–	S
										10/21/94	10.54	–	S
										11/07/94	10.35	–	S
										12/02/94	9.31	–	S
										12/19/94	8.22	–	S
										01/09/95	7.36	–	S
										02/02/95	6.62	–	S
										02/23/95	6.08	–	S
										03/14/95	5.83	–	S
										03/30/95	5.62	–	S
										04/17/95	5.81	–	S
										05/09/95	6.20	–	S
										05/30/95	6.71	–	S
										06/20/95	6.05	–	S
										06/29/95	6.95	–	S
										07/05/95	7.37	–	S
										07/18/95	8.07	–	S
										08/07/95	8.82	–	S
										08/29/95	9.49	–	S
										09/21/95	9.98	–	S
Spring Meadows 6	362514116192001	36°25'18"	116°19'13"	03/24/66	2205.	516				12/14/94		F	
										02/23/95		F	
										04/18/95		F	
										07/05/95		F	
										09/21/95		F	
Carson Meadows Well	362515116202001	36°25'15"	116°20'20"	06/20/94	2171	11	5.5	10.5	P	10/04/94	6.34	–	S
										10/21/94	6.96	–	S
										10/28/94	7.11	–	S
										11/07/94	6.33	–	S
										12/02/94	3.50	–	S
										12/19/94	3.23	–	S
										01/09/95	2.75	–	S
										02/02/95	2.17	–	S
										02/23/95	2.05	–	S
										03/14/95	.06	–	S
										03/30/95	2.30	–	S
										04/17/95	2.49	–	S
										05/09/95	3.38	–	S
										05/30/95	3.91	–	S
										06/20/95	3.45	–	S
										06/29/95	4.45	–	S
										07/03/95	4.69	–	S
										07/05/95	4.84	–	S
										07/18/95	5.52	–	S
										08/07/95	6.13	–	S
										08/29/95	6.36	–	S
										09/21/95	6.25	–	S
SW Drainage South	362450116201401	36°24'50"	116°20'14"	04/21/94	2166.	9.75	6.75	9.75	S	10/04/94	8.53	–	S
										10/21/94	7.24	–	S
										11/07/94	7.39	–	S
										12/02/94	6.95	–	S
										12/19/94	7.01	–	S
										01/09/95	6.29	–	S
										02/02/95	6.17	–	S
										02/23/95	6.28	–	S
										03/14/95	6.16	–	S
										03/30/95	6.23	–	S
										04/17/95	5.39	–	S
										05/09/95	6.34	–	S
										05/10/95	6.36	–	S

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT–Continued

Name	Site Identification	Latitude	Longitude	Date Hole Completed	Elevation (Feet above Sea Level)	Hole Depth (feet)	Depth of Open Interval		Type of Opening	Date	Depth to Water (feet)	Status	Method
							Top (feet)	Bottom (feet)					
AMARGOSA DESERT (230)–Continued													
SW Drainage South	362450116201401	36°24'50"	116°20'14"	04/21/94	2166.	9.75	6.75	9.75	S	05/30/95	7.27	–	S
										06/07/95	7.61	–	S
										06/20/95	6.93	–	S
										06/23/95	7.33	–	S
										07/05/95	8.07	–	S
										07/18/95	7.97	–	S
										08/07/95	7.76	–	S
										08/29/95	6.74	–	S
										09/21/95	6.22	–	S
Spring Meadows 9	362425116181001	36°24'34"	116°18'11"	09/26/69	2248.	280.	82.	280.	P	12/14/94	20.06	–	S
										02/23/95	18.91	–	S
										03/30/95	18.78	–	S
										04/18/95	18.73	–	S
										05/10/95	18.85	–	S
										05/30/95	19.11	–	S
										06/20/95	19.31	–	S
										07/05/95	19.58	–	S
										07/18/95	19.85	–	S
										08/07/95	20.03	–	S
										08/29/95	20.28	–	S
										09/21/95	20.37	–	S
Lower Crystal Well	362421116200701	36°24'21"	116°20'07"	11/08/94	2148.	12.25	3.8	11.65	P	12/02/94	.10	–	S
										12/19/94	-.01	–	S
										01/09/95	-.08	–	S
										02/02/95	-.01	–	S
										02/23/95	.07	–	S
										03/14/95	.04	–	S
										03/30/95	.32	–	S
										04/17/95	.48	–	S
										05/09/95	.79	–	S
										05/30/95	.94	–	S
										06/20/95	1.27	–	S
										07/05/95	1.35	–	S
										07/18/95	1.51	–	S
										08/07/95	1.67	–	S
										08/29/95	1.69	–	S
										08/31/95	1.69	–	S
										09/21/95	1.67	–	S
Spring Meadows 1	362410116160901	36°24'05"	116°15'52"	07/25/69	2321.	395.	155.	395.	P	12/14/94	5.25	–	S
										02/22/95	5.36	–	S
										04/18/95	5.42	–	S
										07/05/95	5.52	–	S
										09/21/95	5.21	–	S
Spring Meadows 16	362408116154001	36°24'05"	116°15'45"	03/30/72	2328.	655.	0.	642.	P	12/14/94	14.54	–	S
										02/22/95	14.47	–	S
										04/18/95	14.43	–	S
										07/05/95	14.40	–	S
										09/21/95	14.73	–	S
Spring Meadows 17	362406116154001	36°24'05"	116°15'39"	08/27/69	2325.	500.	100.	500.	P	12/14/94	8.19	–	S
										02/22/95	8.29	–	S
										04/18/95	8.33	–	S
										07/05/95	8.47	–	S
										09/21/95	8.17	–	S
Spring Meadows 4	362358116163301	36°24'04"	116°16'30"	08/27/69	2304.	500.	100.	500.	P	12/14/94		F	
										02/22/95		F	
										04/18/95	-3.90	–	S
										07/05/95	-2.35	F	S
										09/21/95	-2.11	F	S

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT–Continued

Name	Site Identification	Latitude	Longitude	Date Hole Completed	Elevation (Feet above Sea Level)	Hole Depth (feet)	Depth of Open Interval Top (feet)	Depth of Open Interval Bottom (feet)	Type of Opening	Date	Depth to Water (feet)	Status	Method
AMARGOSA DESERT (230)–Continued													
Ash Forest Well	362402116190501	36°24'02"	116°19'05"	06/21/94	2183	8.6	3.17	8.17	P	10/04/94	4.84	–	S
										10/19/94	4.24	–	S
										10/21/94	4.19	–	S
										11/07/94	3.60	–	S
										12/02/94	2.90	–	S
										12/19/94	2.54	–	S
										01/09/95	1.85	–	S
										02/02/95	1.09	–	S
										02/23/95	1.11	–	S
										03/16/95	1.06	–	S
										03/30/95	1.24	–	S
										04/17/95	1.45	–	S
										05/09/95	2.04	–	S
										05/30/95	2.48	–	S
										06/20/95	3.27	–	S
										06/23/95	3.41	–	S
										07/05/95	3.90	–	S
										07/18/95	4.32	–	S
										08/07/95	4.92	–	S
										08/29/95	5.30	–	S
										09/21/95	5.31	–	S
Spring Meadows 2	362409116155601	36°23'57"	116°16'05"	05/03/69	2308.	415.	60.	300.	P	12/14/94	12.92	–	S
										02/22/95	12.64	–	S
										04/18/95	12.76	–	S
										07/05/95	13.33	–	S
										09/21/95	13.59	–	S
Spring Meadows 3	362358116160101	36°23'52"	116°15'52"	12/20/69	2308.	780.	10.	780.	P	12/14/94		F	
IMV Borehole	362303116174502	36°23'03"	116°17'45"		2220.	15				12/14/94	6.63	–	S
										02/22/95	5.79	–	S
										03/30/95	5.43	–	S
										04/18/95	5.33	–	S
										05/10/95	5.23	–	S
										05/30/95	5.30	–	S
										06/20/95	5.48	–	S
										07/05/95	5.62	–	S
										08/07/95	6.10	–	S
										08/29/95	6.35	–	S
										09/21/95	6.57	–	S
Big Spring Well	362227116163101	36°22'27"	116°16'31"	06/24/94	2240.	9.35	3.88	8.88	P	10/04/94	2.61	–	S
										10/21/94	2.52	–	S
										11/07/94	2.31	–	S
										12/02/94	2.17	–	S
										12/19/94	2.10	–	S
										01/09/95	1.86	–	S
										02/13/95	1.78	–	S
										03/14/95	1.78	–	S
										03/30/95	1.82	–	S
										04/17/95	1.91	–	S
										05/10/95	2.02	–	S
										05/30/95	2.10	–	S
										06/20/95	2.22	–	S
										07/05/95	2.35	–	S
										07/18/95	2.47	–	S
										08/07/95	2.64	–	S
										08/29/95	2.77	–	S
										09/21/95	2.80	–	S

NEVADA TEST SITE AND ADJACENT AREAS MONITORING PROJECT–Continued

Name	Site Identification	Latitude	Longitude	Date Hole Completed	Elevation (Feet above Sea Level)	Hole Depth (feet)	Depth of Open Interval Top (feet)	Depth of Open Interval Bottom (feet)	Type of Opening	Date	Depth to Water (feet)	Status	Method
AMARGOSA DESERT (230)–Continued													
Carson Slough South Well	362217116180801	36°22'07"	116°18'07"	11/02/94	2182.	12.35	7.0	12.0	P	11/04/94	6.51	–	S
										11/07/94	6.40	–	S
										12/02/94	3.78	–	S
										12/19/94	2.27	–	S
										01/09/95	.47	–	S
										02/02/95	.07	–	S
										02/23/95	.09	–	S
										03/16/95	.07	–	S
										03/30/95	.10	–	S
										04/17/95	.11	–	S
										05/10/95	.23	–	S
										05/30/95	.51	–	S
										06/20/95	1.66	–	S
										07/05/95	2.56	–	S
										07/18/95	3.51	–	S
										08/07/95	4.71	–	S
										08/29/95	5.66	–	S
										09/21/95	6.40	–	S
American Resources Well	362148116175701	36°21'48"	116°17'57"	06/22/94	2190	9.67	4.29	9.29	P	10/04/94		D	S
										10/21/94		D	S
										11/07/94	8.61	–	S
										12/02/94	7.43	–	S
										12/19/94	6.33	–	S
										01/09/95	1.00	–	S
										02/02/95	.15	–	S
										02/23/95	.15	–	S
										03/16/95	.05	–	S
										03/30/95	.04	–	S
										04/17/95	.02	–	S
										05/10/95	.33	–	S
										05/30/95	2.19	–	S
										06/20/95	3.73	–	S
										07/05/95	4.53	–	S
										07/18/95	5.29	–	S
										08/07/95	6.55	–	S
										08/29/95	7.59	–	S
										09/21/95	8.22	–	S
GS-02 Deep	362113116160101	36°21'03"	116°16'00"	07/01/86	2295.	1197.	1166.	1176.	P	02/23/95	16.70	–	S
										09/21/95	17.19	–	S
GS-02 Shallow	362113116160102	36°21'03"	116°16'00"	08/01/86	2295.	1197.	117.	120.	P	02/23/95	17.37	–	S
										09/21/95	17.39	–	S

GROUND-WATER WITHDRAWALS

NEVADA TEST SITE

Ground-water withdrawals at the Nevada Test Site (NTS) are compiled in cooperation with the U.S. Department of Energy Environmental Restoration and Hydrologic Resources Management Programs. The data are provided by Reynolds Electrical Engineering Company, which maintains the production wells at NTS. The following data have been reviewed according to quality-assurance requirements specific to the Nevada Test Site. The following sites are shown in figure 38.

RSN hole number.–Drill-hole number assigned by Raytheon Services Nevada

Station Identification	RSN Hole Number	Latititude	Longitude	Ground-water Withdrawals	
				Month	Millions of Gallons
365011115584702	UE- 5c WW	36°50'11"	115°58'47"	October	1.042
				November	.138
				December	.393
				January	.525
				February	.929
				March	0
				April	0
				May	.004
				June	1.052
				July	1.793
				August	.665
				September	.786
				Total	7.327
364805115580801	WW- 5B	36°48'05"	115°58'08"	October	8.307
				November	6.642
				December	5.920
				January	6.855
				February	7.718
				March	9.329
				April	9.710
				May	9.964
				June	7.985
				July	7.764
				August	9.593
				September	4.786
				Total	94.573
364708115574401	WW- 5C	36°47'20"	115°57'49"	October	3.511
				November	3.585
				December	3.176
				January	2.339
				February	2.693
				March	2.551
				April	3.214
				May	4.208
				June	5.340
				July	5.604
				August	3.763
				September	3.509
				Total	43.493
365418116012601	WW- 4	36°54'18"	116°01'26"	October	2.694
				November	2.394
				December	1.086
				January	.606
				February	.476
				March	.525
				April	.841
				May	.437
				June	.525
				July	2.175
				August	4.974
				September	1.784
				Total	18.517

GROUND-WATER WITHDRAWALS

NEVADA TEST SITE--Continued

Station Identification	RSN Hole Number	Latititude	Longitude	Ground-water Withdrawals	
				Month	Millions of Gallons
365412116013901	WW- 4A	36°54'12"	116°01'39"	October	3.782
				November	1.568
				December	2.898
				January	2.466
				February	3.172
				March	2.954
				April	3.778
				May	3.562
				June	3.575
				July	1.312
				August	1.808
				September	3.668
				Total	34.543
365508116003502	WW- C	36°55'08"	116°00'35"	October	.617
				November	.930
				December	2.099
				January	.615
				February	.691
				March	1.023
				April	.795
				May	.058
				June	.489
				July	.553
				August	0
				September	0
				Total	7.870
365500116003901	WW- C-1	36°55'07"	116°00'34"	October	.100
				November	.231
				December	.805
				January	.511
				February	.277
				March	.268
				April	.519
				May	.592
				June	.672
				July	1.143
				August	2.312
				September	2.407
				Total	9.837
370412116095101	UE-16dWW	37°04'12"	116°09'51"	October	4.016
				November	4.236
				December	4.659
				January	5.680
				February	6.552
				March	2.244
				April	1.721
				May	3.110
				June	2.276
				July	3.287
				August	2.601
				September	2.533
				Total	42.915

GROUND-WATER WITHDRAWALS

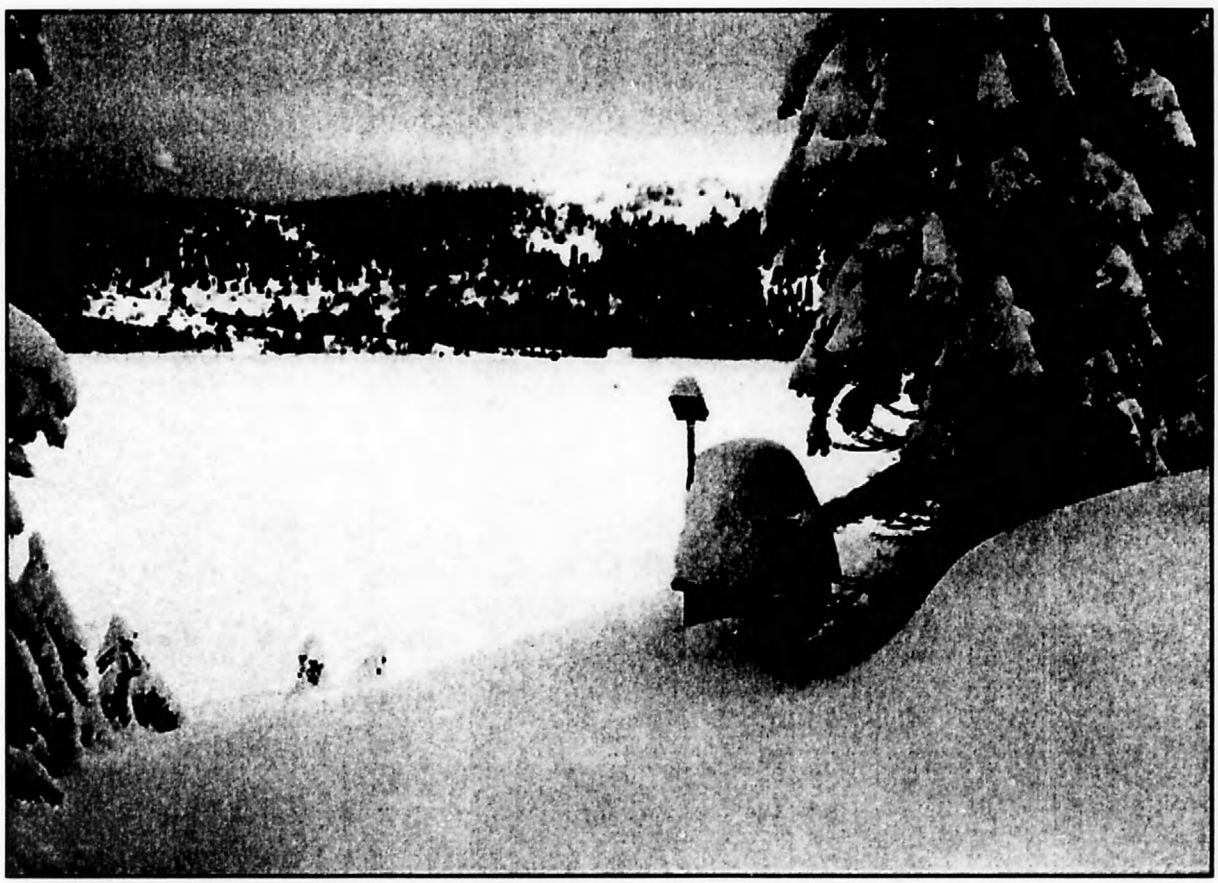
NEVADA TEST SITE--Continued

Station Identification	RSN Hole Number	Latititude	Longitude	Ground-water Withdrawals	
				Month	Millions of Gallons
370956116172101	WW- 8	37°09'56"	116°17'21"	October	2.252
				November	2.502
				December	1.609
				January	.528
				February	1.415
				March	.763
				April	.971
				May	1.233
				June	1.808
				July	1.741
				August	1.603
				September	1.615
				Total	18.040
371608116191002	UE-19c WW	37°16'08"	116°19'10"	October	0
				November	0
				December	0
				January	0
				February	0
				March	0
				April	0
				May	0
				June	0
				July	0
				August	0
				September	0
				Total	0
371505116254501	U -20 WW	37°15'05"	116°25'45"	October	7.848
				November	7.209
				December	5.120
				January	0
				February	0
				March	0
				April	0
				May	.639
				June	.466
				July	0
				August	1.490
				September	6.744
				Total	29.516
363530116021401	Army 1 WW	36°35'30"	116°02'14"	October	2.105
				November	2.549
				December	3.289
				January	3.813
				February	2.737
				March	.467
				April	.644
				May	2.071
				June	1.252
				July	2.950
				August	0.738
				September	2.988
				Total	25.603

GROUND-WATER WITHDRAWALS

NEVADA TEST SITE--Continued

Station Identification	RSN Hole Number	Latititude	Longitude	Ground-water Withdrawals	
				Month	Millions of Gallons
364554116232401	J -12 WW	36°45'54"	116°23'24"	October	6.130
				November	3.803
				December	2.047
				January	1.102
				February	3.281
				March	1.898
				April	4.613
				May	5.757
				June	7.379
				July	7.324
				August	2.127
				September	0
				Total	45.461
364828116234001	J -13 WW	36°48'28"	116°23'40"	October	3.050
				November	3.943
				December	3.445
				January	1.388
				February	1.296
				March	1.711
				April	2.095
				May	1.205
				June	1.225
				July	2.609
				August	7.156
				September	10.410
				Total	39.533



Marlette Lake gaging station, January 1995 Photograph by Larry P. Etchemendy

NORTHWESTERN NEVADA PRECIPITATION NETWORKS (Figure 39)

Site Number	Latitude	Longitude	Site Name
1	40°51'42"	119°39'28"	Poodle Mountain
2	40°49'23"	120°08'47"	Observation Peak
3	39°44'01"	119°39'54"	Bacon Rind Flat
4	39°35'45"	119°42'33"	Vista Hill Top
5	39°35'22"	119°37'19"	Dry Lakes
6	39°35'15"	119°44'32"	Oasis Trailer Park
7	39°34'18"	119°39'41"	Canoe Hill
8	39°42'21"	119°37'49"	Curnow Canyon
9	39°41'00"	119°43'48"	Hungry Ridge North
10	39°39'03"	119°45'25"	Hungry Ridge South

SPANISH SPRINGS VALLEY PRECIPITATION NETWORK

The following sites are shown in figure 39.

Station Name	Site Identification	Latitude	Longitude	Elevation (feet)	Period	Precipitation (inches)
Vista Hill Top	393545119423301	39°35'45"	119°42'33"	4,710	09/30/94 to 09/29/95	11.86
Canoe Hill	393418119394101	39°34'18"	119°39'41"	5,200	09/30/94 to 09/29/95	13.06
Dry Lakes	393522119371901	39°35'22"	119°37'19"	5,282	09/30/94 to 09/29/95	15.19
Curnow Canyon	394221119374901	39°42'21"	119°37'49"	5,709	09/30/94 to 09/29/95	13.75
Bacon Rind Flat	394401119395401	39°44'01"	119°39'54"	5,052	09/30/94 to 09/29/95	14.53
Hungry Ridge North	394100119434801	39°41'00"	119°43'48"	4,954	09/30/94 to 09/29/95	14.23
Hungry Ridge South	393903119452501	39°39'03"	119°45'25"	5,358	09/30/94 to 09/29/95	16.09
Oasis Trailer Park	393515119443201	39°35'15"	119°44'32"	4,551	09/30/94 to 09/29/95	13.06

SMOKE CREEK DESERT PRECIPITATION NETWORK

Smoke Creek Desert precipitation data are collected by Washoe County Department of Public Works Utility Division. The following sites are shown in figure 39.

Station Name	Site Identification	Latitude	Longitude	Elevation (feet)	Period	Precipitation (inches)
Observation Peak	404923120084701	40°49'23"	120°08'47"	5,480	07/13/95 to 10/10/95	0
Poodle Mountain	401542119392801	40°51'42"	119°39'28"	6,050	07/13/95 to 10/10/95	0

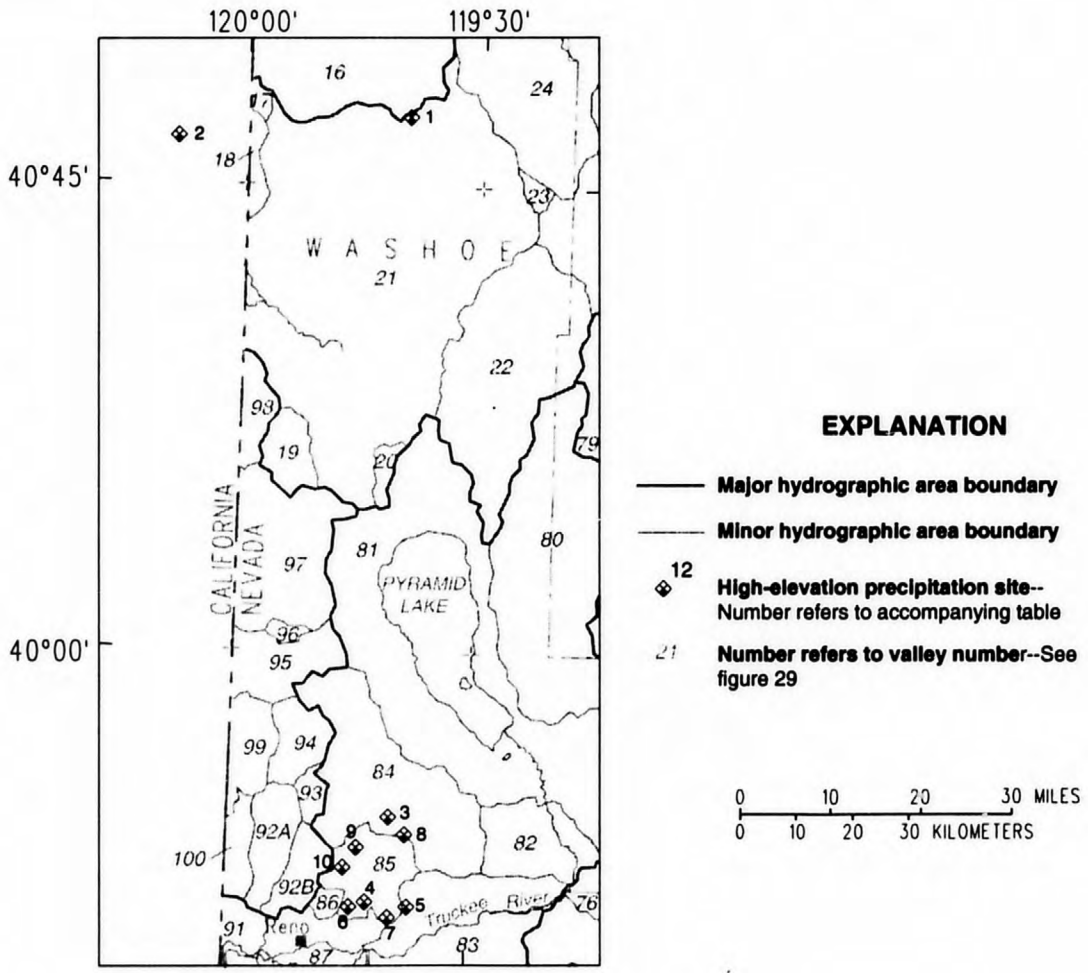
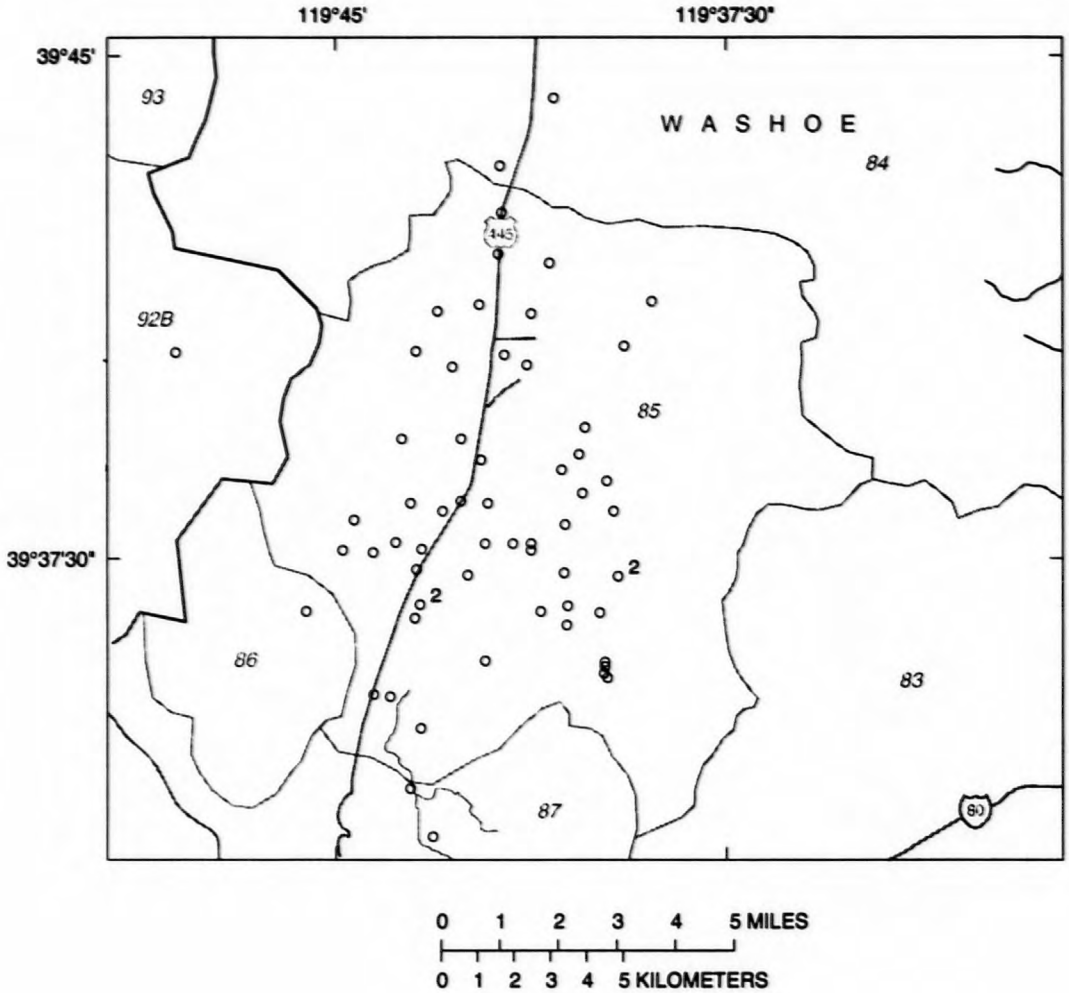


Figure 39. High-elevation precipitation sites in northwestern Nevada.



EXPLANATION

Major hydrographic area boundary

Minor hydrographic area boundary

^{2}o **Secondary observation well**--Water level generally measured one to four times per year. Number indicates more than one well at site

85 **Number refers to valley number**--See figure 29

Figure 40. Selected observation wells in Spanish Springs area, northwestern Nevada.

GROUND-WATER LEVELS, PRIMARY OBSERVATION WELL

SPANISH SPRINGS VALLEY

393648119403301. Local number, 85 N20 E21 07CBCB1.

LOCATION.--Lat 39°36'48", long 119°40'33", Hydrologic Unit 16050102, in Washoe County.
Owner: Jim Sweger.

AQUIFER.--Alluvium of Quaternary age.

WELL CHARACTERISTICS.--Drilled unused observation well, diameter 8 in., depth 350 ft, cased 350 ft, perforated 100 ft to 350 ft.

DATUM.--Elevation of land-surface datum is 4,490 ft above sea level, from topographic map. Measuring point: Hole in north side of casing, 1.1 ft below land-surface datum.

REMARKS.--Water-resources evaluation of Spanish Springs Valley, northwest Nevada; monthly measurements with steel tape supplied by U.S. Geological Survey personnel.

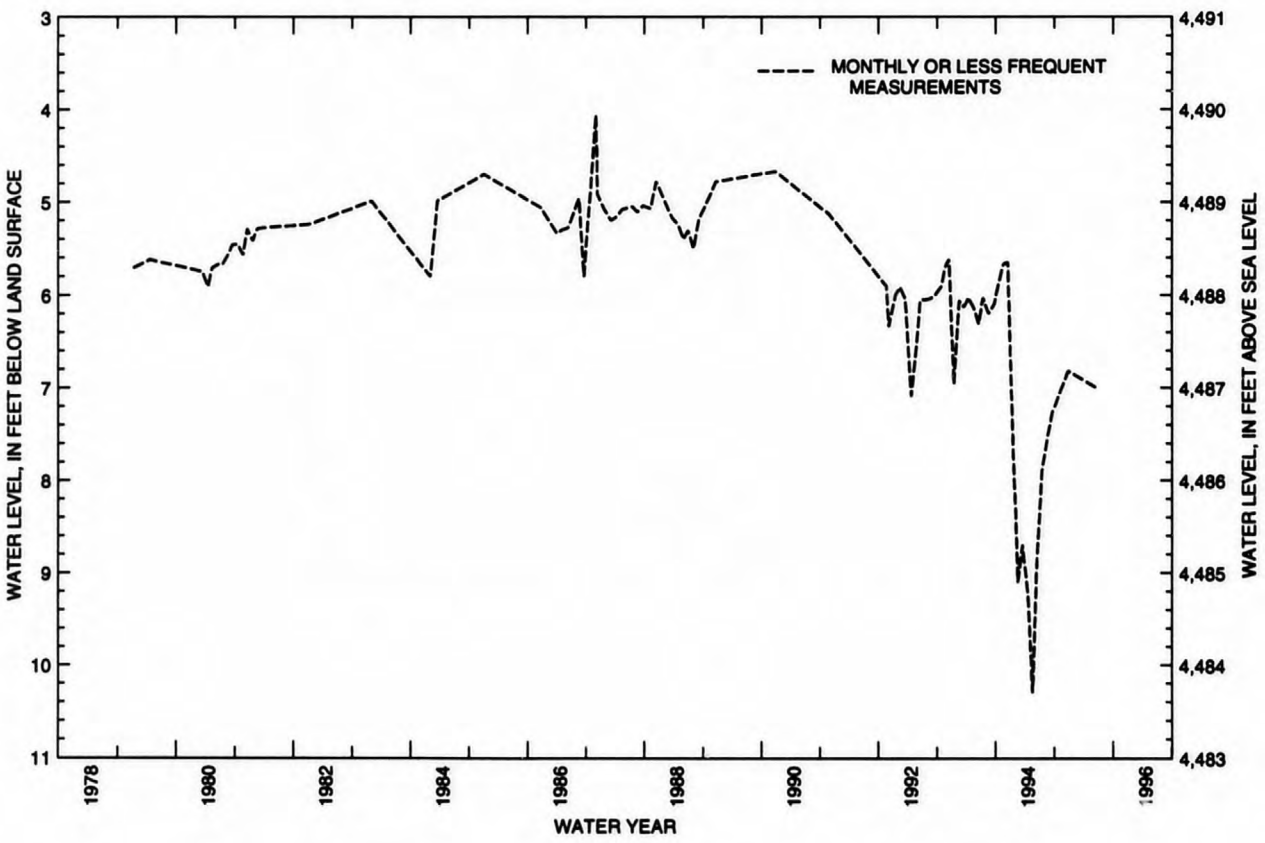
PERIOD OF RECORD.--1979 to 1984 (unpublished and available in the files of the U.S. Geological Survey); 1984 to 1986, yearly; July 1986 to March 1989, monthly; 1990 to 1991, yearly; February 1992 to December 1994, monthly; March 1995 to September 1995, intermittent.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.06 ft below land-surface datum, March 4, 1987; lowest measured, 10.3 ft below land-surface datum, August 18, 1994.

WATER LEVELS, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	7.89	DEC 19	7.27	SEP 19	7.00
NOV 21	7.51	MAR 29	6.82		

WATER YEAR 1995 HIGHEST 6.82 MAR 29 LOWEST 7.89 OCT 17



GROUND-WATER LEVELS, SECONDARY OBSERVATION WELLS

SPANISH SPRINGS AREA

WATER USE: H, domestic; I, irrigation; P, public supply; S, stock; U, unused.
WATER-LEVEL STATUS: R, pumped recently; X, water-level affected by stage in nearby surface-water site.
WATER-LEVEL METHOD: S, steel tape; T, electric-tape.
The following sites are shown in 40

Local Well Number	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
84 N22 E20 25DDCA1	Brown	394422119404901	H	160.	4627.	12/19/94	107.81	--	S
						03/28/95	107.67	--	S
						09/14/95	108.02	--	S
85 N20 E20 01AADD1	Countryside Washoe County	393800119403601	U	600.	4530.	12/19/94	67.57	--	S
						03/28/95	56.31	--	S
85 N20 E20 01CBAB1	Huers	393743119413601	H	130.	4488.	10/17/94	15.28	--	S
						11/21/94	15.80	--	S
						12/19/94	16.12	--	S
						03/29/95	16.58	--	S
						09/19/95	11.45	--	S
85 N20 E20 01DABA1	Hon	393743119411501	H	165.	4494.	10/17/94	16.96	--	S
						11/21/94	17.05	--	S
						12/19/94	17.09	--	S
						03/29/95	16.93	--	S
						09/19/95	16.83	--	S
85 N20 E20 01DACB1	Murray	393737119411501	H	125.	4491.	11/21/94	13.95	--	S
						12/19/94	13.90	--	S
						03/29/95	13.33	--	S
						09/19/95	13.83	--	S
85 N20 E20 02DBBA1	Oppio	393743119420801	U	18.	4481.	12/14/94	12.95	--	S
						03/30/95	13.00	--	S
						09/13/95	6.73	--	S
85 N20 E20 03ACDC1	Washoe County Utility	393738119432101	P	815.	4526.	12/14/94	61.87	--	S
						03/21/95	62.12	--	S
						09/13/95	61.06	--	S
85 N20 E20 03BCCC1	Paterson	393744119435101	H	379.	4595.	12/13/94	93.77	--	S
						03/21/95	92.82	--	S
						09/13/95	86.94	--	S
85 N20 E20 03CDDC1	Springwood	393720119432701	U	200.	4516.	12/14/94	55.51	--	S
						03/21/95	56.31	--	S
						09/13/95	65.20	--	S
85 N20 E20 04BBAD1	Sullivan	393804119443901	H	200.	4692.	12/13/94	113.20	--	S
						03/21/95	110.55	--	S
						09/13/95	114.59	--	S
85 N20 E20 04CCBB1	Grube	393737119445201	H	361.	4762.	12/14/94	233.78	--	S
						03/28/95	232.63	--	S
85 N20 E20 04DBDB1	Pace	393735119441701	H	300.	4672.	12/13/94	175.8	--	T
						03/21/95	174.54	R	S
						09/13/95	178.38	R	S
85 N20 E20 10CDAB1	Kiley	393637119432901	S	105.	4492.	12/14/94	33.52	--	S
						03/21/95	34.63	--	S
						09/13/95	29.90	--	S
85 N20 E20 10DBBC1	Kiley 2	393649119432301	I	300.	4485.	12/14/94	27.04	--	S
						03/21/95	27.58	--	S
						09/13/95	24.10	--	S
85 N20 E20 10DBBC2	Kiley 3	393649119432302	U	250.	4487.	12/14/94	27.82	--	S
						03/21/95	28.66	--	S
						09/13/95	24.92	--	S
85 N20 E20 11BAAA1	Gaspari	393715119422801	H	120.	4471.	12/13/94	9.90	--	S
						03/21/95	7.82	--	S
						09/13/95	4.13	--	S
85 N20 E20 11BDDA1	Gaspari - South	393655119421901	S	160.	4462.	12/13/94	6.37	--	S
						03/21/95	3.93	--	S
						09/13/95	6.98	--	S

GROUND-WATER LEVELS, SECONDARY OBSERVATION WELLS

SPANISH SPRINGS AREA--Continued

Local Well Number	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
85 N20 E20 12DBCC1	D Anna	393643119410401	H	150.	4492.	10/17/94	10.41	R	S
						11/21/94	9.11	--	S
						12/19/94	7.84	--	S
						09/19/95	7.76	--	S
85 N20 E20 15DBBB1	Kiley 4	393559119430801	H		4459.	12/14/94	7.61	--	S
						03/21/95	5.38	--	S
						09/13/95	3.43	--	S
85 N20 E20 21AAAA1	Spring Creek North No 1	393527119435701	U	222.	4463.	12/14/94	23.60	--	S
85 N20 E20 21AABC1	Smith	393529119441601	P	194.	4535.	12/14/94	101.90	--	S
						03/21/95	100.44	--	S
85 N20 E20 22DBCA1	Iratcabal 2	393459119432201	U	41.	4422.	12/23/94	16.37	--	S
						03/30/95	15.37	--	S
						09/19/95	14.80	--	S
85 N20 E20 27CACA1	Bria	393405119433401	H	158.	4416.	12/23/94	25.75	R	S
						03/30/95	19.15	--	S
						09/20/95	61.23	R	S
85 N20 E20 34DABB1	Winners Corner	393322119430801	U	20.	4409.	12/23/94	12.00	--	S
						03/30/95	11.78	--	S
						09/20/95	10.88	--	S
85 N20 E21 07CBCB1	Sweger	393648119403301	U	350.	4494.	10/17/94	7.89	--	S
						11/21/94	7.51	--	S
						12/19/94	7.27	--	S
						03/29/95	6.82	--	S
						09/19/95	7.00	--	S
85 N20 E21 07CCCC1	Sweger	393631119403401	U	44.	4515.	10/17/94	28.65	--	S
						11/21/94	28.32	--	S
						12/19/94	28.08	--	S
						03/29/95	27.63	--	S
						09/19/95	27.83	--	S
85 N20 E21 07DCCA1	Tucker No 2 North	393642119395601	P	233.	4521.	12/23/94	30.00	--	S
						03/30/95	29.84	--	S
						09/20/95	29.95	--	S
85 N20 E21 18DABD1	Tucker	393558119395001	I	126.	4520.	12/23/94	33.55	--	S
						03/30/95	33.80	--	S
						09/20/95	33.68	--	S
85 N20 E21 18DADB1	Mills	393544119394701	I	121.	4534.	12/23/94	49.61	--	S
						03/30/95	49.38	--	S
						09/20/95	49.61	--	S
85 N21 E20 02AAAC1	O'Hair	394321119415101	H	425.	4806.	12/19/94	323.24	--	S
						03/29/95	323.14	--	S
						09/19/95	323.45	--	S
85 N21 E20 02DDAC1	SSP9 Washoe County	394240119415001	U	421.	4627.	12/19/94	179.43	--	S
						03/28/95	179.56	--	S
						09/14/95	179.98	--	S
85 N21 E20 03ABCA1	Washoe County Utilities North	393812119425701	H	300.	4495.	12/13/94	35.67	--	S
						03/21/95	35.77	--	S
85 N21 E20 08BBCA1	SSP2 Washoe County	393714119393501	U	550.	4610.	10/17/94	126.54	--	S
						11/21/94	126.25	--	S
						12/23/94	125.80	--	S
						03/29/95	125.50	--	S
						09/19/95	125.70	--	S
85 N21 E20 08BBCA2	SSP2A Washoe County	393714119393502	U	165.	4610.	10/17/94	126.50	--	S
						11/21/94	126.44	--	S
						12/23/94	126.25	--	S
						03/29/95	126.35	--	S
						09/19/95	126.42	--	S
85 N21 E20 11DABA1	SSP10 Washoe County	394202119415301	U	252.	4552.	12/19/94	95.87	--	S
						03/28/95	96.08	--	S
						09/14/95	96.42	--	S

GROUND-WATER LEVELS, SECONDARY OBSERVATION WELLS

SPANISH SPRINGS AREA--Continued

Local Well Number	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
85 N21 E20 12AAA.1	SSP4 Washoe County	393717119403701	U	565.	4506.	10/17/94	22.40	--	S
						11/21/94	22.04	--	S
						12/23/94	21.62	--	S
						03/29/95	21.33	--	S
						09/19/95	21.67	--	S
85 N21 E20 12DACD1	Wardrup	394154119405401	H	500.	4832.	12/17/94	342.73	--	S
						03/29/95	342.79	--	S
85 N21 E20 13CAAC1	SSP7 Washoe County	394109119411501	U	358.	4673.	12/14/94	214.35	--	S
						03/29/95	214.62	--	S
						09/14/95	214.77	--	S
85 N21 E20 14BDDA1	SSP8 Washoe County	394117119421501	U	227.	4515.	12/14/94	58.94	--	S
						03/28/95	59.06	--	S
						09/14/95	59.47	--	S
85 N21 E20 15DABB1	Sha-Neva Gravel Pit	394111119430301	U	117.	4505.	12/14/94	60.53	X	S
						03/28/95	55.66	X	S
						09/14/95	68.54	X	S
85 N21 E20 22BADD1	Peterson(Airport)	394035119432901	H	220.	4605.	12/14/94	150.69	--	S
						03/28/95	150.49	--	S
						09/14/95	150.92	--	S
85 N21 E20 23BCCD1	SSP6 Washoe County	394021119424601	U	208.	4520.	12/14/94	63.86	--	S
						03/28/95	63.88	--	S
						09/14/95	64.47	--	S
85 N21 E20 24BCBA1	Donovan	394032119414601	I	217.	4552.	12/19/94	100.91	--	S
						03/29/95	100.18	--	S
						09/19/95	108.53	R	S
85 N21 E20 24BDDA1	Donovan No 2	394023119412001	I	258.	4634.	12/19/94	184.77	--	S
						03/29/95	184.03	--	S
						09/19/95	186.96	--	S
85 N21 E20 26CDBD1	Alice Taylor School	393917119423601	U	73.	4514.	03/28/95	52.88	--	S
						09/13/95	53.15	--	S
85 N21 E20 27CBDA1	SSP5 Washoe County	393917119434401	U	234.	4573.	12/14/94	110.57	--	S
						03/28/95	110.90	--	S
						09/14/95	111.17	--	S
85 N21 E20 34CDAD1	Hawco Desert Springs	393813119425301	U	197.	4522.	12/13/94	60.25	--	S
						03/21/95	59.74	--	S
						09/23/95	60.99	--	S
85 N21 E20 35CCAD1	Goldenwest North	393821119423601	P	330.	4491.	12/14/94	31.32	--	S
						03/21/95	29.87	--	S
						09/13/95	30.52	--	S
85 N21 E20 35DDCC2	Sky Ranch SS-1	393858119421301	P	799.	4529.	12/14/94	74.28	R	S
						03/29/95	73.62	R	S
						09/13/95	96.08	--	S
85 N21 E21 17CDCC1	Cole	394120119385601	H	282.	5207.	12/19/94	159.97	--	S
						03/28/95	160.09	--	S
						09/19/95	160.78	--	S
85 N21 E21 20BBCB1	Cancilla	394040119392801	H	450.	4901.	12/19/94	150.97	--	S
						03/28/95	151.01	--	S
						09/19/95	151.35	--	S
85 N21 E21 30CAAA1	Mack	393927119401301	H	350.	4708.	12/19/94	210.02	--	S
						03/29/95	210.05	--	S
						09/19/95	210.48	--	S
85 N21 E21 31ADCC1	Sanders	393839119394801	U	425.	4817.	12/19/94	340.23	--	S
						03/29/95	339.84	--	S
						09/19/95	340.33	--	S
85 N21 E21 31BABC1	Casale	393903119402001	H	255.	4638.	12/19/94	158.21	--	S
						03/29/95	157.74	--	S
						09/19/95	158.39	--	S
85 N21 E21 31BCBC1	Brown	393849119404001	H	318.	4615.	12/19/94	143.35	--	S
						03/29/95	144.98	--	S
						09/19/95	150.24	--	S

GROUND-WATER LEVELS, SECONDARY OBSERVATION WELLS

SPANISH SPRINGS AREA--Continued

Local Well Number	Station Name	Site Identification	Water Use	Well Depth (Feet)	Elevation (Feet Above Sea Level)	Water Level (Below Land Surface) Date	(Feet)	Status	Method
85 N21 E21 31CACA1	May	393828119401601	H	291.	4608.	12/19/94	135.47	--	S
						03/29/95	134.85	--	S
						09/19/95	138.62	--	S
85 N21 E21 31DDBB1	Colby	3938121193?4001	H	338.	4761.	12/19/94	282.94	--	S
						03/29/95	282.50	--	S
						09/19/95	282.92	--	S
85 N21 E21 35DCBD1	Sky Ranch SS-6	393819119420501	H	193.	4505.	12/19/94	38.61	--	S
						03/28/95	37.46	--	S
						09/19/95	42.45	--	S
86 N20 E20 08DBBC1	Kangas	393643119453401	H	453.	4840.	12/14/94	256.14	--	S
						03/28/95	253.95	--	S
						09/13/95	259.69	--	S

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

YUCCA MOUNTAIN SURFACE-WATER MONITORING PROJECT

The following table contains discharges data for the sites that were measured during the water year.

Station name and number	Location and drainage area	Period of record	1995 Measurements			Period of record maximum		
			Date	Gage height (feet)	Discharge (ft^3/s)	Date	Gage height (feet)	Discharge (ft^3/s)
			Nevada Test Site					
Amargosa River near Eagle Mountain below Death Valley Junction, CA (10251280)	Lat 36°11'48", long 116°22'06", in $SE^1/4$ $SE^1/4$ sec.19, T.24 N., R.06 E., Inyo County, Hydrologic Unit 18090202, on State Highway 373, 6.0 mi north of Death Valley Junction. Drainage area is 2,632 mi^2.	1990-95	3-11-95	--	100[e]	7-16-90	80.70	1,385

[e] Estimated

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

YUCCA MOUNTAIN SURFACE-WATER MONITORING PROJECT

CREST-STAGE PARTIAL-RECORD STATIONS

The following table contains annual maximum discharges at crest-stage stations during water year 1995. A crest-stage gage is a device that registers the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharges determined on the basis of current-meter or indirect measurements. The date of maximum discharge, which is usually determined by comparison with data for nearby continuous-record stations, weather records, or by local inquiry, is not published herein. "Period of record" indicates the water years for which the annual maximums have been determined. The following sites are shown in figures 27 and 28.

Station Name and Number	Location and Drainage Area	Period of Record	1995 Measurements		
			Date	Gage Height (feet)	Discharge (ft^3)
	Colorado River basin				
Indian Springs Valley Tributary near Indian Springs, NV (10248490)	Lat 36°34'00", long 115°48'40", in NW¼ NW¼ sec. 16, T.16 S., R.55 E., Clark County, Hydrologic Unit 16060014, at culvert on U.S. Hwy 95, 8 mi west of Indian Springs, and 12 mi east-southeast of Mercury. Drainage area is about 29 mi^2.	1964-82 1984-95	1995	--	*
Amargosa River near Beatty, NV (10251220)	Lat 36°52'06", long 116°45'34", in NW¼ NE¼ sec. 30, T.12 S., R.47 E., Nye County, Hydrologic Unit 18090202, on left bank, 170 feet downstream from Airport Road, 2.8 mi south of Beatty, and 43 mi west-northwest of Mercury. Drainage area is about 472 mi^2.	1963-68 1969-81 1983-85 1987-95	03-11-95	2.88	1,300
Yucca Wash near Mouth, Nevada Test Site, NV (Formerly published as Yucca Wash) (10251252)	Lat 36°51'58", long 116°23'38", in SE¼ NE¼ sec. 28, T.12 S., R.50 E., Nye County, Hydrologic Unit 18090202, on left bank, 0.35 mi above confluence with Fortymile Wash, and 26 mi northwest of Mercury. Drainage area is 17 mi^2	1982-95	01-26-95	7.06	185
Drillhole Wash at Mouth, Nevada Test Site, NV (Formerly published as Drill Hole Wash) (10251254)	Lat 36°49'13", long 116°23'52", in SW¼ NW¼ sec. 18, T.13 S., R.50 E., Nye County, Hydrologic Unit 18090202, on left bank, 0.15 mi above confluence with Fortymile Wash, and 25 mi west-northwest of Mercury. Drainage area is 16.3 mi^2.	1983-95	03-11-95	--	.1[E]
Dune Wash near Busted Butte, Nevada Test Site, NV (Formerly published as Busted Butte Wash) (10251256)	Lat r36°47'16", long 116°23'57", in NE¼ SE¼ sec. 25, T.13 S., R.49 E., Nye County, Hydrologic Unit 18090202, on left bank, 0.8 mi above confluence with Fortymile Wash, and 24.5 mi west-northwest of Mercury. Drainage area is 6.77 mi².	1982-95	12-25-94 01-25-95 03-11-95	--	3[E]
Topopah Wash at Little Skull Mountain, Nevada Test Site, NV (Formerly published as Topopah Wash near Lathrop Wells) (10251260)	Lat 36°46'06", long 116°19'23", in SE¼ SE¼ sec. 35, T.13 S., R.50 E., Nye County, Hydrologic Unit 18090202, on right bank, at base of Little Skull Mountain, 0.23 mi south of Lathrop Wells Road, and 19 mi west-northwest of Mercury. Drainage area is 104 mi^2.	1984-95	12-25-94	--	5[E]
Cane Spring Wash near Cane Spring, Nevada Test Site, NV (Formerly published as Cane Springs Tributary near Mercury and Cane Spring Wash Tributary near Cane Spring) (10251265)	Lat 36°48'27", long 116°05'41", in NW¼ SW¼ sec. 24, T.13 S., R.52 E., Nye County, Hydrologic Unit 16060014, on left bank, 20 feet upstream of Cane Spring Road Crossing, 0.55 mi north of Cane Spring, and 11.5 mi northwest of Mercury. Drainage area is 8.36 mi^2.	1984-95	03-11-95	--	5[E]
Cane Spring Wash Tributary below Skull Mountain, Nevada Test Site, NV (102512654)	Lat 36°48'23", long 116°05'43", in SW¼ SW¼ sec. 24, T.13 S., R.52 E., Nye County, Hydrologic Unit 16060014, on right bank, r200 feet upstream of confluence with Cane Spring Wash, and 11.5 mi northwest of Mercury. Drainage area is r2.29 mi^2.	1992-95	01-26-95 03-11-95	--	15[E]

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

YUCCA MOUNTAIN SURFACE-WATER MONITORING PROJECT--Continued

Station Name and Number	Location and Drainage Area	Period of Record	1995 Measurements		
			Date	Gage Height (feet)	Discharge (ft^3)
	Colorado River basin--Continued				
Amargosa River Tributary near Mercury, NV (10251270)	Lat 36°33'40", long 116°06'00", in SE1/4 NW1/4 sec. 14, T.16 S., R.52 E., Nye County, Hydrologic Unit 18090202, on left bank, upstream side of highway culvert at U.S. Hwy 95, and 9 mi southwest of Mercury. Drainage area is 110 mi^2.	1963-81 1984-95	1995	--	*
Amargosa River Tributary #1 near Johnnie, NV (10251271)	Lat 36°27'36", long 116°06'28", in NE1/4 SE1/4 sec. 22, T.17 S., R.52 E., Nye County, Hydrologic Unit 18090202, at culvert on State Highway 160, about 10.4 mi east of Devils Hole, and about 15.2 mi southwest of Mercury. Drainage area is 2.21 mi^2.	1967-81 1984-95	1995	--	*
Amargosa River Tributary #2 near Johnnie, NV (10251272)	Lat 36°26'09", long 116°04'28", in NW1/4 NE1/4 sec. 36, T.17 S., R.52 E., Nye County, Hydrologic Unit 18090202, at culvert on State Highway 160, 1.2 mi north of Johnnie, and 16 mi south-southwest of Mercury. Drainage area is r2.34 mi^2.	1968-81 1984-95	1995	--	*

* No evidence of flow during water year.
E Estimated.
r Revised.

MISCELLANEOUS PRECIPITATION SITES

YUCCA MOUNTAIN SURFACE-WATER MONITORING PROJECT

Locations of the following sites are shown in figures 12, 15, 27, 28.

Station Name and Number	Location and Drainage Area	Period	Precipitation (inches)
Indian Springs Valley Tributary near Indian Springs, NV (10248490)	Lat 36°34'00", long 115°48'40", in $NW^1/_4NW^1/_4$ sec.16, T.16 S., R.55 E., Clark County, Hydrologic Unit 16060014, at culvert on U.S. Highway 95, 8 mi west of Indian Springs, and 12 mi east-southeast of Mercury. Drainage area is about 29 mi^2.	09/02/94 to 10/03/94	0.1
		10/03/94 to 11/01/94	T
		11/01/94 to 11/29/94	.2
		11/29/94 to 01/06/95	.9
		01/06/95 to 01/14/95	.5
		01/14/95 to 01/30/95	.6
		01/30/95 to 03/02/95	.3
		03/02/95 to 03/16/95	.4
		03/16/95 to 03/27/95	.4
		03/27/95 to 05/04/95	.5
		05/04/95 to 05/24/95	.2
		05/24/95 to 05/31/95	T
		05/31/95 to 06/28/95	T
		06/28/95 to 07/26/95	.2
		07/26/95 to 09/06/95	.4
		09/06/95 to 10/03/95	.0
Beatty Wash near Beatty, NV (10251215)	Lat 36°56'37", long 116°43'09", in $NE^1/_4$ $NE^1/_4$ sec.33, T.11 S., R.47 E., Clark County, Hydrologic Unit 18090202, 3.2 mi south of Beatty and 44.7 mi northwest of Mercury.	08/31/94 to 10/04/94	.2
		10/04/94 to 11/02/94	.0
		11/02/94 to 12/05/94	.4
		12/05/94 to 01/07/95	1.1
		01/07/95 to 01/14/95	.2
		01/14/95 to 01/31/95	1.8
		01/31/95 to 03/01/95	.6
		03/01/95 to 03/13/95	2.7
		03/13/95 to 04/04/95	.6
		04/04/95 to 05/01/95	.6
		05/01/95 to 05/30/95	1.1
		05/30/95 to 06/28/95	.4
		06/28/95 to 07/25/95	.2
		07/25/95 to 08/29/95	.1
		08/29/95 to 10/03/95	.0
Amargosa River near Beatty, NV (10251220)	Lat 36°52'06", long 116°45'34", in $NW^1/_4NE^1/_4$ sec.30, T.12 S., R.47 E., Nye County, Hydrologic Unit 18090202, on left bank, 170 feet downstream from Airport Road, 2.8 mi south of Beatty, and 43 mi west-northwest of Mercury. Drainage area is about 472 mi^2.	08/31/94 to 10/04/94	.1
		10/04/94 to 11/02/94	T
		11/02/94 to 12/02/94	.2
		12/02/94 to 01/07/95	1.1
		01/07/95 to 01/14/95	.4
		01/14/95 to 01/31/95	1.6
		01/31/95 to 03/01/95	.4
		03/01/95 to 03/15/95	2.0
		03/15/95 to 04/04/95	.3
		04/04/95 to 05/01/95	.3
		05/01/95 to 05/30/95	.8
		05/30/95 to 06/28/95	.1
		06/28/95 to 07/25/95	.0
		07/25/95 to 08/29/95	.0
		08/29/95 to 10/03/95	.0
Fortymile Wash above East Cat Canyon, Nevada Test Site, NV (10251242)	Lat 37°04'21", long 116°20'50", in $NE^1/_4$ $NW^1/_4$ sec.13, T.10 S., R.50 E., Nye County, Hydrologic Unit 18090202, 22.7 mi northeast of Springdale.	07/28/94 to 10/03/94	.6
		10/03/94 to 11/01/94	.1
		11/01/94 to 12/12/94	.7
		12/12/94 to 01/04/95	1.7
		01/04/95 to 01/30/95	3.7
		01/30/95 to 02/23/95	.4
		02/23/95 to 03/14/95	5.8
		03/14/95 to 03/23/95	.5
		03/23/95 to 05/10/95	1.9
		05/10/95 to 05/31/95	1.3
		05/31/95 to 06/29/95	.2
		06/29/95 to 07/27/95	.2
		07/27/95 to 08/29/95	.4
		08/29/95 to 10/04/95	.0

MISCELLANEOUS PRECIPITATION SITES

YUCCA MOUNTAIN SURFACE-WATER MONITORING PROJECT--Continued

Station Name and Number	Location and Drainage Area	Period	Precipitation (inches)
East Cat Canyon at Fortymile Wash, Nevada Test Site, NV (10251243)	Lat 37°04'19", long 116°20'50", in $SE^1/_4$ $NW^1/_4$ sec.13, T.10 S., R.50 E., Nye County, Hydrologic Unit 18090202, 22.6 mi northeast of Springdale.	09/01/94 to 10/03/94	.5
		10/03/94 to 11/01/94	.1
		11/01/94 to 12/12/94	.6
		12/12/94 to 01/04/95	1.8
		01/04/95 to 01/30/95	3.6
		01/30/95 to 02/23/95	.5
		02/23/95 to 03/14/95	5.7
		03/14/95 to 03/23/95	.4
		03/23/95 to 05/03/95	1.0
		05/03/95 to 05/31/95	1.7
		05/31/95 to 06/29/95	.1
		06/29/95 to 07/27/95	.1
		07/27/95 to 08/29/95	.4
		08/29/95 to 10/04/95	.0
Stockade Wash near Fortymile Wash, Nevada Test Site, NV (10251249)	Lat 37°04'12", long 116°20'23", in $NE^1/_4$ $NE^1/_4$ sec.13, T.10 S., R.50 E., Nye County, Hydrologic Unit 18090202, 34.1 mi northwest of Mercury and 62.6 mi northwest of Pahrump.	10/03/94 to 11/01/94	.1
		11/01/94 to 12/12/94	.6
		12/12/94 to 01/04/95	2.1
		01/04/95 to 01/30/95	3.4
		01/30/95 to 02/23/95	.5
		02/23/95 to 03/14/95	5.6
		03/14/95 to 05/03/95	1.4
		05/03/95 to 05/31/95	1.6
		05/31/95 to 06/29/95	.2
		06/29/95 to 07/27/95	.2
		07/27/95 to 08/29/95	.5
		08/29/95 to 10/04/95	.0
Fortymile Wash at Narrows, Nevada Test Site, NV (10251250)	Lat 36°53'13", long 116°22'50", in $SW^1/_4$ $NE^1/_4$ sec.15, T.12 S., R.50 E., Nye County, Hydrologic Unit 18090202, 26.5 mi northwest of Mercury and 51.7 mi northwest of Pahrump.	09/15/94 to 10/05/94	.2
		10/05/94 to 11/03/94	.2
		11/03/94 to 11/28/94	.3
		11/28/94 to 01/05/95	2.6
		01/05/95 to 01/14/95	.7
		01/14/95 to 01/27/95	2.5
		01/27/95 to 02/28/95	.5
		02/28/95 to 03/02/95	.4
		03/02/95 to 03/15/95	2.9
		03/15/95 to 03/29/95	.2
		03/29/95 to 05/03/95	.5
		05/03/95 to 05/11/95	.4
		05/11/95 to 05/30/95	1.0
		05/30/95 to 06/29/95	.3
		06/29/95 to 07/26/95	.1
		07/26/95 to 08/30/95	.5
		08/30/95 to 10/04/95	.1
Yucca Wash near Mouth, Nevada Test Site, NV (Formerly published as Yucca Wash) (10251252)	Lat 36°51'58", long 116°23'38", in $SE^1/_4$ $NE^1/_4$ sec.28, T.12 S., R.50 E., Nye County, Hydrologic Unit 18090202, on left bank, 0.35 mi above confluence with Fortymile Wash, and 26 mi northwest of Mercury. Drainage area is 17 mi^2.	09/02/94 to 10/05/94	.1
		10/05/94 to 11/03/94	.1
		11/03/94 to 11/29/94	.3
		11/29/94 to 01/05/95	2.9
		01/05/95 to 01/18/95	.8
		01/18/95 to 01/27/95	2.7
		01/27/95 to 02/28/95	.5
		02/28/95 to 03/02/95	.8
		03/02/95 to 03/28/95	3.0
		03/28/95 to 05/03/95	.5
		05/03/95 to 05/30/95	.8
		05/30/95 to 06/29/95	.3
		06/29/95 to 07/26/95	.2
		07/26/95 to 08/30/95	.5
		08/30/95 to 10/04/95	T
Pagany Wash #1 near Well UZ-4, Nevada Test Site, NV (102512533)	Lat 36°51'39", long 116°26'08", in $NE^1/_4$ SW1/2 sec.30, T.12 S., R.50 E., Nye County, Hydrologic Unit 18090202, 18.2 mi southeast of Beatty.	10/05/94 to 11/03/94	T
		11/03/94 to 11/30/94	.4
		11/30/94 to 01/06/95	2.9
		01/06/95 to 01/14/95	.6
		01/14/95 to 01/26/95	3.6
		01/26/95 to 03/02/95	1.1
		03/02/95 to 03/14/95	2.9
		03/14/95 to 03/29/95	.4
		03/29/95 to 05/03/95	.2
		05/03/95 to 06/28/95	.1
		06/28/95 to 07/26/95	.2
		07/26/95 to 08/30/95	.7
		08/30/95 to 10/06/95	.2

MISCELLANEOUS PRECIPITATION SITES

YUCCA MOUNTAIN SURFACE-WATER MONITORING PROJECT--Continued

Station Name and Number	Location and Drainage Area	Period	Precipitation (inches)
Split Wash, below Quac Canyon Wash, Nevada Test Site, NV (102512537)	Lat 36°50'57", long 116°26'54", in NW$^1/_4$ SE$^1/_4$ sec.36, T.12 S., R.49 E., Nye County, Hydrologic Unit 18090202, 17.8 mi southeast of Beatty.	07/26/94 to 10/06/94	.1
		10/06/94 to 11/03/94	T
		11/03/94 to 11/29/94	.8
		11/29/94 to 01/06/95	2.9
		01/06/95 to 01/18/95	.5
		01/18/95 to 02/03/95	3.6
		02/03/95 to 03/02/95	1.4
		03/02/95 to 03/16/95	2.6
		03/16/95 to 04/04/95	.6
		04/04/95 to 05/03/95	.4
		05/03/95 to 05/31/95	1.2
		05/31/95 to 06/28/95	.1
		06/28/95 to 07/26/95	.2
		07/26/95 to 08/30/95	.8
		08/30/95 to 10/06/95	.3
Drillhole Wash at Mouth, Nevada Test Site, NV (Formerly published as Drill Hole Wash) (10251254)	Lat 36°49'13", long 116°23'52", in SW$^1/_4$ NW$^1/_4$ sec.18, T.13 S., R.50 E., Nye County, Hydrologic Unit 18090202, on left bank, 0.15 mi above confluence with Fortymile Wash, and 25 mi west-northwest of Mercury. Drainage area is 16.3 mi^2.	09/02/94 to 10/05/94	T
		10/05/94 to 10/31/94	.1
		10/31/94 to 11/29/94	.3
		11/29/94 to 01/03/95	1.7
		01/03/95 to 01/18/95	2.2
		01/18/95 to 01/27/95	2.6
		01/27/95 to 03/02/95	.8
		03/02/95 to 03/14/95	2.0
		03/14/95 to 03/28/95	.2
		03/28/95 to 05/02/95	.3
		05/02/95 to 05/31/95	.8
		05/31/95 to 06/28/95	.1
		06/28/95 to 07/25/95	.2
		07/25/95 to 08/30/95	.3
		08/30/95 to 10/03/95	.0
Fortymile Wash near Well J-13, Nevada Test Site, NV (10251255)	Lat 36°48'27", long 116°24'01", in SW$^1/_4$ NW$^1/_4$ sec.19, T.13 S., R.50 E., Nye County, Hydrologic Unit 18090202, 24.7 mi northwest of Mercury and 26.9 mi northwest of Devils Hole.	09/02/94 to 10/05/94	.2
		10/05/94 to 10/31/94	T
		10/31/94 to 11/29/94	.2
		11/29/94 to 01/03/95	1.6
		01/03/95 to 01/14/95	1.8
		01/14/95 to 01/27/95	2.6
		01/27/95 to 02/01/95	.0
		02/01/95 to 03/02/95	.7
		03/02/95 to 03/14/95	1.8
		03/14/95 to 03/28/95	.2
		03/28/95 to 05/03/95	.3
		05/03/95 to 05/30/95	.8
		05/30/95 to 06/29/95	.1
		06/29/95 to 07/26/95	.1
		07/26/95 to 08/30/95	.3
		08/30/95 to 10/04/95	.0
Dune Wash near Busted Butte, Nevada Test Site, NV (Formerly published as Busted Butte Wash) (10251256)	Lat 36°47'35", long 116°24'29", in NE$^1/_4$ SE$^1/_4$ sec.25, T.13 S., R.49 E., Nye County, Hydrologic Unit 18090202, 24.7 mi northwest of Mercury and 26.1 mi northwest of Devils Hole.	09/02/94 to 10/05/94	.1
		10/05/94 to 10/31/94	.0
		10/31/94 to 11/29/94	.2
		11/29/94 to 01/03/95	1.6
		01/03/95 to 01/18/95	1.8
		01/18/95 to 02/01/95	2.4
		02/01/95 to 03/02/95	.7
		03/02/95 to 03/14/95	1.5
		03/14/95 to 03/28/95	.2
		03/28/95 to 05/02/95	.3
		05/02/95 to 05/31/95	.9
		05/31/95 to 06/29/95	.1
		06/29/95 to 07/25/95	.1
		07/25/95 to 08/30/95	.4
		08/30/95 to 10/03/95	.0
Fortymile Wash near Amargosa Valley, NV (Formerly published as Fortymile Wash near Lathrop Wells) (10251258)	Lat 36°40'18", long 116°26'03", in SW$^1/_4$ SW$^1/_4$ sec.02, T.15 S., R.49 E., Nye County, Hydrologic Unit 18090202, 18.7 mi northwest of Devils Hole and 24.5 mi west of Mercury.	08/31/94 to 10/05/94	.0
		10/05/94 to 10/31/94	.0
		10/31/94 to 11/28/94	.1
		11/28/94 to 01/03/95	.9
		01/03/95 to 01/27/95	3.2
		01/27/95 to 03/01/95	.2
		03/01/95 to 03/13/95	1.0
		03/13/95 to 03/27/95	.4
		03/27/95 to 05/01/95	.2
		05/01/95 to 05/30/95	.7
		05/30/95 to 06/28/95	T
		06/28/95 to 07/25/95	T
		07/25/95 to 08/29/95	.1
		08/29/95 to 10/03/95	.0

MISCELLANEOUS PRECIPITATION SITES

YUCCA MOUNTAIN SURFACE-WATER MONITORING PROJECT--Continued

Station Name and Number	Location and Drainage Area	Period	Precipitation (inches)
Amargosa River at Highway 127 near CA-NV State line (10251259)	Lat 36°23'12", long 116°25'22", in $SW^1/_4$ $SE^1/_4$ sec.15, T.18 S., R.05 E., Inyo County, Hydrologic Unit 18090202, 7.9 mi southwest of Devils Hole and 27.4 mi northwest of Pahrump.	08/31/94 to 10/04/94	.0
		10/04/94 to 11/02/94	.0
		11/02/94 to 12/01/94	T
		12/01/94 to 01/05/95	1.2
		01/05/95 to 01/12/95	.5
		01/12/95 to 02/03/95	1.8
		02/03/95 to 02/23/95	.0
		02/23/95 to 03/11/95	.7
		03/11/95 to 04/05/95	.2
		04/05/95 to 06/01/95	.6
		06/01/95 to 06/30/95	.1
		06/30/95 to 07/26/95	.0
		07/26/95 to 08/28/95	T
		08/28/95 to 10/03/95	.0
Topopah Wash at Little Skull Mountain, Nevada Test Site, NV (Formerly published as Topopah Wash near Lathrop Wells) (10251260)	Lat 36°46'06", long 116°19'23", in $SE^1/_4$ $SE^1/_4$ sec.35, T.13 S., R.50 E., Nye County, Hydrologic Unit 18090202, on right bank, at base of Little Skull Mountain, 0.23 mi south of Lathrop Wells Road, and 19 mi west-northwest of Mercury. Drainage area is 104 mi^2.	09/02/94 to 10/05/94	T
		10/05/94 to 10/31/94	T
		10/31/94 to 11/28/94	.2
		11/28/94 to 01/03/95	1.3
		01/03/95 to 01/26/95	3.6
		01/26/95 to 02/28/95	.2
		02/28/95 to 03/02/95	.3
		03/02/95 to 03/16/95	1.5
		03/16/95 to 03/27/95	.2
		03/27/95 to 05/02/95	.2
		05/02/95 to 05/31/95	.7
		05/31/95 to 06/28/95	.1
		06/28/95 to 07/25/95	.1
		07/25/95 to 08/23/95	.1
		08/23/95 to 08/30/95	T
		08/30/95 to 10/03/95	.0
Cane Spring Wash near Cane Spring, Nevada Test Site, NV (Formerly published as Cane Springs Tributary near Mercury and Cane Spring Wash Tributary near Cane Spring) (10251265)	Lat 36°48'27", long 116°05'41", in $NW^1/_4$ $SW^1/_4$ sec.24, T.13 S., R.52 E., Nye County, Hydrologic Unit 18090202, on left bank, 20 ft upstream of Cane Spring Road Crossing, 0.55 mi north of Cane Spring, and 11.5 mi northwest of Mercury. Drainage area is 8.36 mi^2.	09/01/94 to 10/03/94	.1
		10/03/94 to 11/01/94	T
		11/01/94 to 12/05/94	.6
		12/05/94 to 01/06/95	3.0
		01/06/95 to 01/14/95	1.2
		01/14/95 to 01/27/95	2.0
		01/27/95 to 02/28/95	.8
		02/28/95 to 03/02/95	.6
		03/02/95 to 03/14/95	2.6
		03/14/95 to 03/27/95	.6
		03/27/95 to 05/03/95	.4
		05/03/95 to 06/01/95	.5
		06/01/95 to 06/29/95	.0
		06/29/95 to 07/27/95	.2
		07/27/95 to 09/11/95	.2
		09/11/95 to 10/04/95	.0
Amargosa River Tributary near Mercury, NV (10251270)	Lat 36°33'40", long 116°06'00", in $SE^1/_4$ $NW^1/_4$ sec.14, T.16 S., R.52 E., Nye County, Hydrologic Unit 18090202, on left bank at upstream side of highway culvert at U.S. Highway 95, 9 mi southwest of Mercury. Drainage area is 110 mi^2.	08/31/94 to 10/04/94	T
		10/04/94 to 11/02/94	.1
		11/02/94 to 12/01/94	.2
		12/01/94 to 01/05/95	1.4
		01/05/95 to 01/31/95	2.6
		01/31/95 to 03/01/95	.2
		03/01/95 to 03/16/95	1.0
		03/16/95 to 03/27/95	.2
		03/27/95 to 05/02/95	.1
		05/02/95 to 05/30/95	.8
		05/30/95 to 06/28/95	.0
		06/28/95 to 07/25/95	.0
		07/25/95 to 08/29/95	.1
		08/29/95 to 10/03/95	.0
Amargosa River Tributary #1 near Johnnie, NV (10251271)	Lat 36°27'36", long 116°06'28", in $NE^1/_4$ $SE^1/_4$ sec.22, T.17 S., R.52 E., Nye County, Hydrologic Unit 18090202, 10.4 mi east of Devils Hole and 15.2 mi southwest of Mercury.	08/31/94 to 10/04/94	T
		10/04/94 to 11/04/94	T
		11/04/94 to 12/01/94	.2
		12/01/94 to 01/05/95	1.6
		01/05/95 to 01/31/95	2.7
		01/31/95 to 03/01/95	.1
		03/01/95 to 03/16/95	.8
		03/16/95 to 04/05/95	.2
		04/05/95 to 05/02/95	.0
		05/02/95 to 05/30/95	.5
		05/30/95 to 06/28/95	.0
		06/28/95 to 07/25/95	.0
		07/25/95 to 08/29/95	.1
		08/29/95 to 10/03/95	.0

MISCELLANEOUS PRECIPITATION SITES

YUCCA MOUNTAIN SURFACE-WATER MONITORING PROJECT--Continued

Station Name and Number	Location and Drainage Area	Period	Precipitation (inches)
Amargosa River Tributary #2 near Johnnie, NV (10251272)	Lat 36°26'09", long 116°04'28", in NW$^1/_4$ NE$^1/_4$ sec.36, T.17 S., R.52 E., Nye County, Hydrologic Unit 18090202, 12.0 mi east of Devils Hole and 16.1 mi southwest of Mercury.	08/31/94 to 10/04/94	.1
		10/04/94 to 11/04/94	.1
		11/04/94 to 12/01/94	.3
		12/01/94 to 01/05/95	1.9
		01/05/95 to 01/31/95	3.6
		01/31/95 to 03/01/95	.1
		03/01/95 to 03/16/95	1.3
		03/16/95 to 04/05/95	.4
		04/05/95 to 05/02/95	.0
		05/02/95 to 05/30/95	.7
		05/30/95 to 06/28/95	.0
		06/28/95 to 07/25/95	.0
		07/25/95 to 08/29/95	.1
		08/29/95 to 10/03/95	.0

T, trace

GROUND-WATER DISCHARGE

YUCCA MOUNTAIN GROUND-WATER MONITORING PROJECT

Periodic discharge measurements are made throughout the Yucca Mountain area to support environmental and regulatory aspects of the Yucca Mountain Project. The following data have been reviewed according to quality-assurance requirements specific to the Yucca Mountain Project. The following sites are shown in figures 30 and 38.

MEASUREMENT METHOD: C, current meter; F, flume; V, volumetric.
ABBREVIATIONS: GPM, gallons per minute.
ELEVATION: land-surface datum.

Spring Number	Spring Name	Site Identification	Owner	Elevation (Feet above sea level)	Measurements		
					Date	Discharge (GPM)	Method
230 S17 E50 09AD 1	Fairbanks Spring	362924116203001	U.S. Fish and Wildlife Service	2265	02/16/94	1500.	C
					05/26/94	1800	F
					08/24/94	1500	C
					11/15/94	1500	C
230 S17 E50 23BBCA1	Five Springs Well	362755116190401	U.S. Fish and Wildlife Service	2345	04/15/94	7.3	V
					04/19/94	6.2	V
					05/25/94	2.6	V
					06/10/94	2.4	V
					06/17/94	2.3	V
					07/19/94	1.9	V
					08/24/94	1.4	V
					10/18/94	2.4	V
					11/09/94	2.6	V
					12/01/94	3.6	V
230 S18 E50 03ADBA1	Crystal Pool	362502116192301	U.S. Fish and Wildlife Service	2195	02/16/94	2700	C
					05/26/94	2600	C
					08/25/94	2700	C
					11/15/94	2400	C
230 S18 E51 19ACB 1	Big Spring	362230116162001	U.S. Fish and Wildlife Service	2240	02/16/94	1200	C
					05/26/94	970.	C
					08/25/94	860.	C
					11/25/94	950.	C
					12/01/94	920.	C
026N002E13F015	Navel Spring	362252116425301	U.S. Borax	2080	02/14/94	1.7	V
					05/24/94	1.5	V
					08/23/94	1.3	V
					11/08/94	1.4	V
027N00IE23B015	Texas Spring	362728116501101	National Park Service	400	02/14/94	200.	C
					05/24/94	210.	C
					08/23/94	240.	C
					11/14/94	270.	C
					11/30/94	210.	C

GROUND-WATER LEVELS

YUCCA MOUNTAIN GROUND-WATER MONITORING PROJECT

Periodic water-level measurements are made throughout the Yucca Mountain area to support environmental and regulatory aspects of the Yucca Mountain Project. The following data, which do not include data collected as part of the Site-Characterization Program nor continual records developed from pressure-sensor data, have been reviewed according to quality-assurance requirements specific to the Yucca Mountain Project. The following sites are shown in figure 38.

ELEVATION: Land surface datum.
CONTRIBUTING UNITS: Saturated lithologic interval yielding water to well; C, carbonate rock; F, valley fill; S, undifferentiated sedimentary rock; V, volcanic rock.
WATER LEVEL: Levels above LSD (land-surface datum) are listed as negative values.
WATER-LEVEL STATUS: F, flowing; P, pumping; R, pumped recently; S, nearby site that was being pumped taps same aquifer.
WATER-LEVEL METHOD: S, steel tape; V, calibrated electric-tape.

Local Well Number	Station Name	Site Identification	Elevation (Feet Above Sea Level)	Well Depth (Feet)	Contributing Units	Water Level (Below Land Surface)			
						Date	(Feet)	Status	Method
226 S15 E50 24A 1	TW- 5	363815116175901	3056.0	800.	S	01/24/94	678.15	--	V
						02/17/94	678.11	--	V
						03/23/94	678.04	--	V
						04/20/94	678.03	--	V
						05/27/94	677.95	--	V
						06/22/94	677.92	--	V
						07/05/94	677.90	--	V
						07/20/94	677.91	--	V
						08/25/94	677.86	--	V
						09/21/94	677.89	--	V
						10/19/94	677.84	--	V
						11/10/94	677.72	--	V
						12/22/94	677.75	--	V
227A S14 E50 06D 1	JF- 3 Well	364528116232201	3098.3	1140.	V	01/06/94	710.29	--	V
						01/20/94	710.24	--	V
						02/16/94	710.16	--	V
						03/23/94	710.19	--	V
						03/29/94	710.31	--	V
						04/05/94	710.24	--	V
						04/05/94	710.22	--	V
						04/19/94	710.15	--	V
						05/26/94	709.95	--	V
						06/22/94	710.17	--	V
						06/28/94	710.21	--	V
						07/20/94	710.24	--	V
						08/24/94	710.30	--	V
						09/20/94	710.27	--	V
						10/19/94	710.44	--	V
						11/09/94	710.34	--	V
						12/22/94	710.26	--	V
229 S12 E48 04DBB 1	GEXA Well 4	365520116370301	3930.9	1600.	V	01/20/94	617.88	--	V
						02/17/94	617.33	--	V
						03/23/94	617.38	--	V
						04/20/94	617.56	--	V
						05/27/94	617.48	--	V
						06/22/94	617.62	--	V
						07/20/94	617.60	--	V
						08/29/94	617.45	--	V
						09/21/94	617.46	--	V
						10/20/94	617.40	--	V
						11/10/94	617.12	--	V
						12/22/94	617.41	--	V
229 S12 E48 07ADD 1	GEXA Well 3	365445116383901	4080.9	700.	S	01/20/94	162.08	--	S
						02/17/94	162.11	--	S
						03/23/94	162.68	--	S
						04/20/94	163.14	--	S
						05/31/94	164.51	--	S
						06/22/94	164.66	--	S
						07/20/94	164.44	--	S

GROUND-WATER LEVELS
YUCCA MOUNTAIN GROUND-WATER MONITORING PROJECT--Continued

Local Well Number	Station Name	Site Identification	Elevation (Feet Above Sea Level)	Well Depth (Feet)	Contributing Units	Water Level (Below Land Surface) Date	(Feet)	Status	Method
229 S12 E48 07ADD 1	GEXA Well 3	365445116383901	4080.9	700.	S	08/29/94	164.54	--	S
						09/21/94	164.84	--	S
						10/20/94	165.07	--	S
						11/10/94	164.99	--	S
						12/22/94	165.67	--	S
229 S15 E48 01AAA 1	Cind-R-Lite Well	364105116302601	2725.6	460.	S	01/14/94	331.13	--	V
						02/03/94	331.12	--	S
						03/23/94	331.13	--	S
						04/20/94	331.20	--	S
						05/27/94	331.22	--	S
						06/22/94	331.10	--	S
						07/20/94	331.27	--	S
						08/29/94	331.15	--	S
						09/21/94	331.24	--	S
						10/19/94	331.15	--	S
						11/10/94	331.08	--	S
						12/22/94	331.17	--	S
230 025N004E21M01S	S-1 Well	361724116324201	2703.2	2000.	F	01/18/94	382.04	--	V
						02/14/94	382.00	--	V
						03/21/94	381.66	--	V
						04/18/94	381.48	--	V
						05/19/94	381.10	--	S
						06/20/94	380.83	--	V
						07/18/94	380.86	--	V
						08/22/94	380.68	--	V
						09/19/94	380.44	--	V
						10/17/94	380.62	--	V
						11/07/94	380.72	--	V
						12/19/94	381.43	--	V
230 025N005E14M01S	Death Valley Jct Well	361817116244701	2041.8	225.	F	01/18/94	3.87	--	S
						02/14/94	3.70	--	S
						03/21/94	3.63	--	S
						04/18/94	3.80	--	S
						05/23/94	3.94	--	S
						06/20/94	4.10	--	S
						07/18/94	4.20	--	S
						08/22/94	4.35	--	S
						09/19/94	4.11	--	S
						10/17/94	4.18	--	S
						11/07/94	4.03	--	S
						12/19/94	3.90	--	S
230 026N005E05E01S	NA-9 Well	362525116274301	2190.9	1090.	F	01/19/94	9.34	--	S
						02/15/94	9.01	--	S
						03/21/94	9.15	--	S
						04/19/94	9.37	--	S
						05/23/94	9.54	--	S
						06/20/94	9.63	--	S
						07/18/94	9.66	--	S
						08/22/94	9.67	--	S
						09/20/94	9.66	--	S
						10/18/94	9.80	--	S
						11/08/94	9.78	--	S
						12/21/94	9.74	--	S
230 S14 E47 32DA 1	NA-6 Well BGMW-10	364141116351401	2627.9	960.	F	01/20/94	269.51	--	V
						02/17/94	269.03	--	V
						03/23/94	269.32	--	V
						04/20/94	269.32	--	V
						05/27/94	269.38	--	V
						06/22/94	269.36	--	V
						07/20/94	269.38	--	V
						08/29/94	269.31	--	V
						09/21/94	269.37	--	V
						10/20/94	269.44	--	V
						11/10/94	269.13	--	V
						12/22/94	269.33	--	V

GROUND-WATER LEVELS
YUCCA MOUNTAIN GROUND-WATER MONITORING PROJECT--Continued

Local Well Number	Station Name	Site Identification	Elevation (Feet Above Sea Level)	Well Depth (Feet)	Contributing Units	Water Level (Below Land Surface) Date	(Feet)	Status	Method
230 S15 E49 24ABB 1	Airport Well	363830116241401	2638.8	750.	F	01/19/94	324.56	--	V
						02/15/94	324.61	--	V
						03/22/94	324.32	--	V
						04/19/94	324.65	--	V
						05/19/94	324.77	--	V
						06/28/94	324.66	--	V
						07/19/94	324.72	--	V
						08/24/94	324.68	--	V
						09/20/94	324.70	--	V
						10/18/94	324.73	--	V
						11/09/94	324.71	--	V
						12/21/94	324.75	--	V
230 S15 E50 18CCDB1	NDOT Well	363835116234001	2656.8	495.	F	01/20/94	341.99	--	V
						02/15/94	342.02	--	V
						03/22/94	343.08	R	V
						04/20/94	344.23	R	S
						05/19/94	342.40	R	S
						06/22/94	343.99	P	S
						07/20/94	342.34	--	S
						08/24/94	342.15	--	S
						09/20/94	342.72	--	S
						10/20/94	342.50	--	S
						11/09/94	342.14	R	S
						12/21/94	342.17	--	S
230 S16 E48 05CAB 1	Davidson Well	363521116352501	2395.3	240.	F	01/19/94	129.88	--	S
						02/02/94	129.71	--	S
						03/22/94	129.81	--	S
						04/19/94	130.02	--	S
						05/23/94	130.09	--	S
						06/21/94	130.24	--	S
						07/19/94	130.40	--	S
						08/23/94	130.57	--	S
						09/20/94	130.72	--	S
						10/18/94	130.85	--	S
						11/08/94	130.74	--	S
						12/20/94	130.54	--	S
230 S16 E49 18DCCA1	USBLM Well	363310116294001	2376.4	348.	F	01/19/94	119.52	--	S
						02/15/94	119.27	--	S
						03/22/94	120.42	--	S
						04/19/94	122.21	--	S
						05/19/94	122.50	--	S
						06/21/94	122.84	--	S
						07/19/94	123.49	--	S
						08/23/94	124.13	--	S
						09/20/94	123.34	--	S
						10/18/94	123.95	--	S
						11/08/94	122.57	--	S
						12/20/94	121.84	--	S
230 S16 E50 07CABB1	Cooks East Well	363428116234701	2477.8	269.	F	01/19/94	118.42	--	V
						02/15/94	118.58	--	V
						03/22/94	118.63	--	V
						04/19/94	118.84	--	V
						05/25/94	118.94	--	V
						06/22/94	119.12	--	V
						07/19/94	119.20	--	V
						08/24/94	119.33	--	V
						09/20/94	119.39	--	V
						10/18/94	119.45	--	V
						11/09/94	119.44	--	V
						12/21/94	119.55	--	V
230 S16 E51 27BAA 3	Tracer Well 3	363213116133800	2402.3	678.	C	01/06/94	41.63	--	S
						01/19/94	41.52	--	S
						02/15/94	41.60	--	S

GROUND-WATER LEVELS
YUCCA MOUNTAIN GROUND-WATER MONITORING PROJECT--Continued

Local Well Number	Station Name	Site Identification	Elevation (Feet Above Sea Level)	Well Depth (Feet)	Contributing Units	Water Level (Below Land Surface) Date	(Feet)	Status	Method
230 S16 E51 27BAA 3	Tracer Well 3	363213116133800	2402.3	678.	C	03/22/94	41.38	--	S
						04/19/94	41.54	--	S
						05/25/94	41.58	--	S
						06/10/94	41.61	--	S
						07/20/94	41.65	--	S
						08/16/94	41.50	--	S
						09/21/94	41.59	--	S
						10/06/94	41.63	--	S
						11/01/94	41.45	--	S
						12/21/94	41.63	--	S
230 S17 E48 01AB 2	Blackman Well	363009116302702	2305.0	210.	F	04/22/94	66.78	--	S
						05/23/94	67.23	--	S
						06/21/94	68.22	--	S
						07/19/94	68.91	--	S
						08/23/94	69.36	--	S
						12/20/94	66.46	--	S
230 S17 E49 15BBBB1	Gilgans North Well	362848116264201	2264.8	396.	F	01/19/94	72.77	--	S
						02/15/94	72.89	--	S
						03/22/94	75.10	S	S
						04/19/94	78.04	--	S
						05/23/94	78.63	--	S
						06/21/94	81.35	--	S
						07/19/94	80.85	--	S
						08/22/94	81.40	--	S
						09/20/94	80.15	--	S
						10/18/94	77.11	--	S
						11/08/94	75.50	--	S
						12/20/94	77.00	--	S
230 S17 E50 10CDD 1	Rogers Spring Well	362858116195301	2265.9	202.	F	01/19/94	2.71	--	S
						02/15/94	2.69	--	S
						03/22/94	2.68	--	S
						04/19/94	2.78	--	S
						05/25/94	3.02	--	S
						06/21/94	3.50	--	S
						07/19/94	4.03	--	S
						08/24/94	4.34	--	S
						09/20/94	4.12	--	S
						10/18/94	3.62	--	S
						11/09/94	3.18	--	S
						12/21/94	2.92	--	S
230 S17 E50 23BBCA1	Five Springs Well	362755116190401	2367.4	123.	C	01/19/94	-.56	F	S
						02/15/94	-.55	F	S
						03/22/94	-.58	F	S
						04/05/94	-.58	F	S
						04/19/94	-.60	F	S
						05/25/94	-.64	F	S
						06/10/94	-.61	F	S
						07/19/94	-.65	F	S
						08/24/94	-.70	F	S
						09/20/94	-.72	F	S
						10/18/94	-.70	F	S
						11/09/94	-.70	F	S
						12/01/94	-.68	F	S
230 S17 E50 33CAAB1	Garners Well	362555116205301	2157.0	202.	F	01/19/94	19.15	--	S
						02/15/94	18.98	--	S
						03/22/94	18.72	--	S
						04/19/94	18.75	--	S
						05/25/94	18.93	--	S
						06/21/94	19.27	--	S
						07/19/94	19.69	--	S
						08/24/94	20.25	--	S
						09/20/94	20.54	--	S
						10/18/94	20.63	--	S
						11/09/94	20.59	--	S
						12/21/94	20.41	--	S

GROUND-WATER LEVELS
YUCCA MOUNTAIN GROUND-WATER MONITORING PROJECT--Continued

Local Well Number	Station Name	Site Identification	Elevation (Feet Above Sea Level)	Well Depth (Feet)	Contributing Units	Water Level (Below Land Surface) Date	(Feet)	Status	Method
230 S17 E50 36DDC 1	Devils Hole Well	362529116171100	2404.1	200.	F	01/19/94	47.94	--	S
						02/15/94	47.96	--	S
						03/22/94	47.83	--	S
						04/19/94	47.93	--	S
						05/25/94	48.05	--	S
						06/21/94	48.12	--	S
						07/19/94	48.13	--	S
						08/16/94	48.10	--	S
						09/20/94	48.02	--	S
						10/18/94	48.06	--	S
						11/09/94	48.02	--	S
						12/21/94	48.08	--	S
230 S17 E52 08CDB 1	Cherry Patch Well	362929116085701	2394.3	215.	F	01/24/94	34.62	--	S
						02/14/94	33.53	--	S
						03/21/94	33.55	--	S
						04/18/94	33.68	--	S
						05/23/94	33.78	--	S
						06/28/94	34.75	--	S
						07/18/94	33.99	--	S
						08/22/94	35.04	--	S
						09/19/94	34.26	--	S
						10/18/94	33.35	--	S
						11/07/94	34.30	--	S
						12/19/94	34.99	--	S
230 S18 E51 07BBBB1	Point of Rocks North Well	362432116165701	2318.8	500.	F	01/19/94	20.98	--	S
						02/15/94	21.04	--	S
						03/22/94	20.96	--	S
						04/19/94	21.10	--	S
						05/25/94	21.24	--	S
						06/10/94	21.27	--	S
						07/19/94	21.24	--	S
						08/25/94	21.26	--	S
						09/20/94	21.23	--	S
						10/18/94	21.21	--	S
						11/09/94	21.16	--	S
						12/21/94	21.18	--	S
230 S18 E51 07BDB 1	Point of Rocks South Well	362417116163600	2333.5	586.	C	01/19/94	8.96	--	S
						02/15/94	9.17	--	S
						03/22/94	9.30	--	S
						04/19/94	9.41	--	S
						05/25/94	9.47	--	S
						06/10/94	9.37	--	S
						07/19/94	9.20	--	S
						08/25/94	9.07	--	S
						09/20/94	9.00	--	S
						10/18/94	9.02	--	S
						11/09/94	8.94	--	S
						12/21/94	8.90	--	S
230 S18 E51 34CBD 1	GS-1 Well	362014116133901	2430.3	1580.	F	01/18/94	80.41	--	S
						02/14/94	80.38	--	S
						03/21/94	80.34	--	S
						04/18/94	80.30	--	S
						05/23/94	80.28	--	S
						07/18/94	80.29	--	S
						08/22/94	80.26	--	S
						09/19/94	80.30	--	S
						10/17/94	80.30	--	S
						11/07/94	80.24	--	S
						12/19/94	80.54	--	S
230 S19 E50 01BBD 1	GS-3 Well	361954116181201	2351.3	2000.	F	01/18/94	225.00	--	S
						02/14/94	225.08	--	S
						03/21/94	225.05	--	S
						04/18/94	225.02	--	S

GROUND-WATER LEVELS
YUCCA MOUNTAIN GROUND-WATER MONITORING PROJECT--Continued

Local Well Number	Station Name	Site Identification	Elevation (Feet Above Sea Level)	Well Depth (Feet)	Contributing Units	Water Level (Below Land Surface)			
						Date	(Feet)	Status	Method
230 S19 E50 01BBD 1	GS-3 Well	361954116181201	2351.3	2000.	F	05/19/94	224.90	--	S
						06/20/94	224.92	--	S
						07/18/94	224.72	--	S
						08/22/94	224.00	--	S
						09/19/94	224.64	--	S
						10/17/94	224.65	--	S
						11/07/94	224.63	--	S
						12/19/94	224.93	--	S
243 026N003E21L01S	Travertine Point 1 Well	362230116392901	2728.4	650.	C	01/18/94	598.58	--	V
						02/14/94	598.60	--	V
						03/21/94	598.75	--	V
						04/18/94	598.83	--	V
						05/24/94	598.93	--	V
						06/21/94	599.05	--	V
						07/19/94	599.12	--	V
						08/23/94	599.22	--	V
						09/19/94	599.29	--	V
						10/17/94	599.42	--	V
						11/08/94	599.47	--	V
						12/19/94	599.61	--	V

Other well data for valley 230 may be found in Nevada Test Site and Adjacent Areas Monitoring Project tables.

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CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
	Length	
inch (in.)	2.54×10^{1}	millimeter
	2.54×10^{-2}	meter
foot (ft)	3.048×10^{-1}	meter
mile (mi)	1.609×10^{0}	kilometer
	Area	
acre	4.047×10^{3}	square meter
	4.047×10^{-1}	square hectometer
	4.047×10^{-3}	square kilometer
square mile (mi^2)	2.590×10^{0}	square kilometer
	Volume	
gallon (gal)	3.785×10^{0}	liter
	3.785×10^{0}	cubic decimeter
	3.785×10^{-3}	cubic meter
million gallons (Mgal)	3.785×10^{3}	cubic meter
	3.785×10^{-3}	cubic hectometer
cubic foot (ft^3)	2.832×10^{1}	cubic decimeter
	2.832×10^{-2}	cubic meter
cubic-foot-per-second day [(ft^3/s) d]	2.447×10^{3}	cubic meter
	2.447×10^{-3}	cubic hectometer
acre-foot (acre-ft)	1.233×10^{3}	cubic meter
	1.233×10^{-3}	cubic hectometer
	1.233×10^{-6}	cubic kilometer
	Flow	
cubic foot per second (ft^3/s)	2.832×10^{1}	liter per second
	2.832×10^{1}	cubic decimeter per second
	2.832×10^{-2}	cubic meter per second
gallon per minute (gal/min)	6.309×10^{-2}	liter per second
	6.309×10^{-2}	cubic decimeter per second
	6.309×10^{-5}	cubic meter per second
million gallons per day (Mgal/d)	4.381×10^{1}	cubic decimeter per second
	4.381×10^{-2}	cubic meter per second
	Mass	
ton (short)	9.072×10^{-1}	megagram or metric ton

Sea level: In this report "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)—a geodetic datum derived from a general adjustment for the first-order level nets of both the United States and Canada, formerly called Sea Level Datum of 1929.

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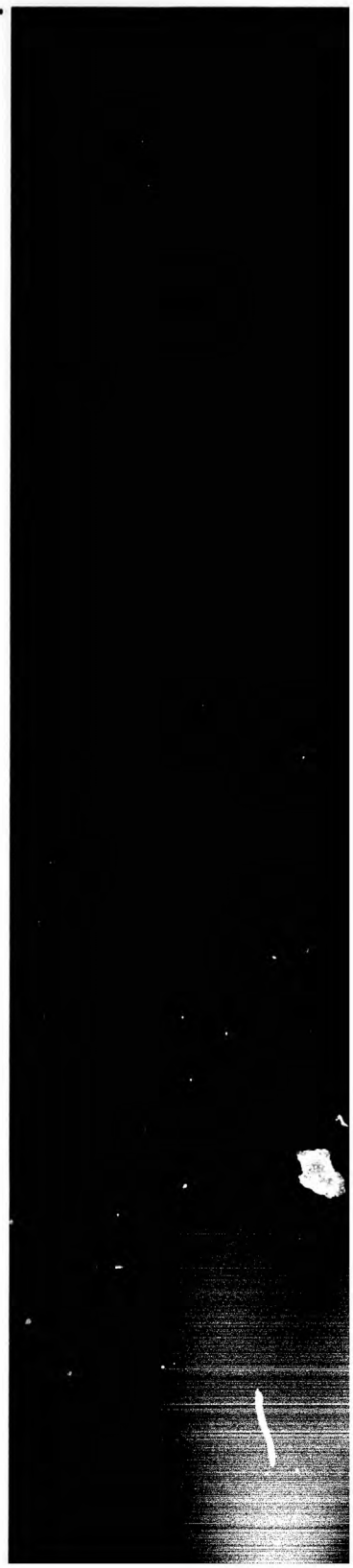

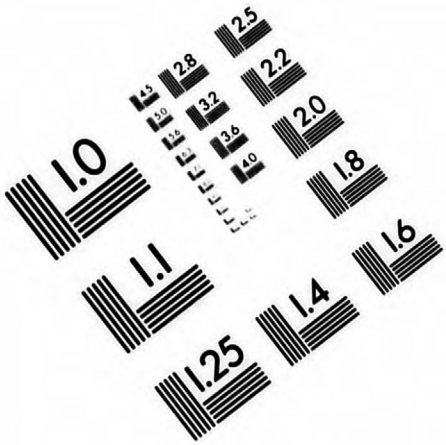

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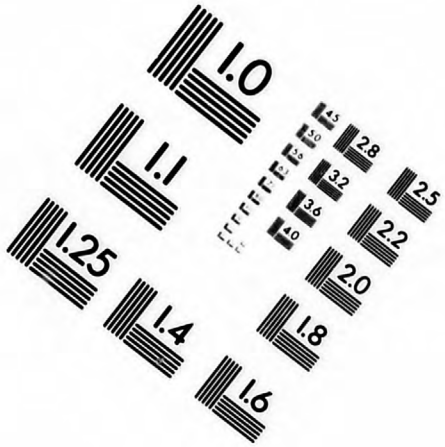

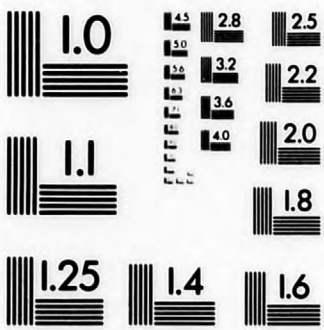

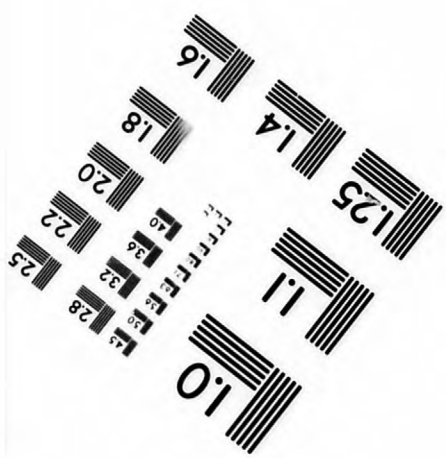

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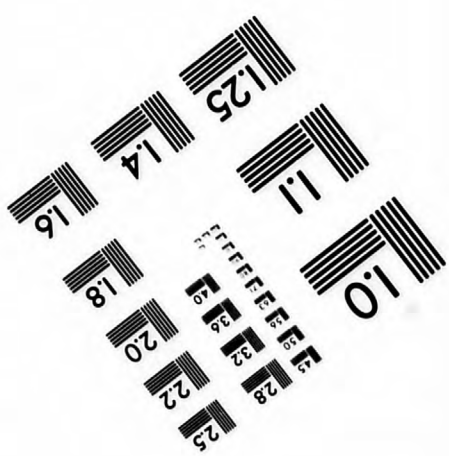

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