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INDEX OF SURFACE-WATER RECORDS

PART 9.—COLORADO RIVER BASIN

TO SEPTEMBER 30, 1950

Prepared by Tucson District

UNITED STATES DEPARTMENT OF THE INTERIOR

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GEOLOGICAL SURVEY

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Washington, D. C.

INDEX OF SURFACE-WATER RECORDS

PART 9.—COLORADO RIVER BASIN

TO SEPTEMBER 30, 1950

EXPLANATION

The index lists the stream-flow and reservoir stations in the Colorado River Basin for which records have been or are to be published for periods prior to September 30, 1950. The stations are listed in downstream order. Tributary streams are indicated by indentation.

Station names are given in their most recently published forms. Parentheses around part of a station name indicate that the enclosed word or words were used in an earlier published name of the station or in a name under which records were published by some agency other than the Geological Survey.

The drainage areas, in square miles, are the latest figures published or otherwise available at this time. Drainage areas that were obviously inconsistent with other drainage areas on the same stream have been omitted. Some drainage areas not published by the Geological Survey are listed with an appropriate footnote stating the published source of the figure of drainage area.

Under "period of record" breaks of less than a 12-month period are not shown. A dash not followed immediately by a closing date shows that the station was in operation on September 30, 1950. The years given are calendar years. Periods of records published by agencies other than the Geological Survey are listed in parentheses only when they contain more detailed information or are for periods not reported in publications of the Geological Survey.

Records both of gage height and of discharge are listed for stream-flow stations, and records of gage height and of contents (or of change in contents) are listed for stations on reservoirs. Records of gage heights only and records consisting only of monthly figures either of stream flow or reservoir contents are designated by symbols and footnotes. For early years when daily discharges were not generally published by the Geological Survey, published daily gage heights and a published rating table were considered to be equivalent to daily discharges.

An alphabetical index of streams, canals, and reservoirs is given on pages 20-24.

	<u>Drainage area</u> <u>(square miles)</u>	<u>Period of Record</u>
Colorado River (Grand)(North Fork Grand) near Grand Lake, Colo.....	103	1904-18; 1934- 1947**
Shadow Mountain Reservoir near Grand Lake, Colo.....	-	1947-
Alva B. Adams tunnel at East Portal, near Estes Park, Colo.....	-	1947-
Colorado River below Shadow Mountain Dam, Colo.....	190	1947-
Granby Reservoir near Granby, Colo.....	-	1949**
Colorado River below Granby Reservoir, Colo.....	-	1950-
Colorado River (Grand River) near Granby, Colo.....	322	1908-11; 1934-
Colorado River (Grand River) at Hot Sulphur Springs, Colo.....	782	1904-28; 1928-33**; (1928-33) ^a ; 1933-
Colorado River (Grand River) near Kremmling, Colo.....	2,360	1904-18.
Colorado River (Grand River) near Wolcott, Colo.....	2,670	1906-8.
Colorado River near Dotsero, Colo.....	4,390	1940-
Colorado River (Grand River) near Shoshone, Colo.....	-	1897.
Colorado River (Grand River) at Glenwood Springs, Colo.....	4,560	1899-
Colorado River near Cameo, Colo.....	8,055	1933-
Colorado River (Grand River) near Fallsade, Colo.....	8,790	1901-33.
Colorado River (Grand River) at Grand Junction, Colo..	8,910	1894-96*; 1896-99**; 1899-1900*.
Colorado River (Grand River) near Fruita, Colo.....	17,100	1907-11**; 1911-23.
Colorado River (Grand River) near Cisco, Utah.....	24,100	1895-1910†; 1911-13**; 1913-17; 1917-22**; 1922-
Colorado River (Grand River) near Moab, Utah.....	-	1913-14.
Colorado River at Hite, Utah.....	76,600	1947-
Colorado River at Lees Ferry, Ariz.....	107,900	1895-1910†; 1911-21**; 1921-
Colorado River (at Bright Angel Creek) near Grand Canyon, Ariz.....	137,800	1922-
Lake Mead at Hoover (Boulder) Dam, Ariz.-Nev.....	167,800	1935-40 ^b ; 1940-
Colorado River below Hoover (Boulder) Dam (near Willow Beach), Ariz.-Nev.....	167,800	1934-
Colorado River at Bulls Head, near Mohave, Ariz.....	-	1902-3*.
Lake Mohave at Davis Dam, Ariz.-Nev.....	169,300	1949-
Colorado River below Davis Dam, Ariz.-Nev.....	169,300	1949-
Colorado River at Hardyville, Ariz.....	169,300	1905-7.
Colorado River at Needles, Calif.....	170,600	1931††-
Colorado River near Topock, Ariz.....	172,300	1917- ; 1938 ^b -
Havas Lake near Parker Dam, Ariz.-Calif.....	178,800	1938 ^b -
Colorado River below Parker Dam (near Parker), Ariz.- Calif.....	178,800	1934-
Diversions between Topock and Imperial Dam: Colorado River aqueduct near Parker Dam, Ariz. Calif.....	-	1939-41; 1941**
Diversions for Colorado River Indian Reservation, near Parker, Ariz.....	-	1915-36†; 1937**
Palo Verde Canal near Blythe, Calif.....	-	1922-23**; 1925-50**; 1950-
Colorado River at Imperial Dam (near Picacho, Calif.), Ariz.-Calif.....	184,600	1903-33†; 1934-42; 1942**
Colorado River at Yuma, Ariz.....	242,900	1878-1901*; 1902-
Colorado River and Pilot Knob wasteway at Rockwood gate, Calif.....	243,000	1934-36†; 1937-45**; 1945-
Colorado River at northerly international boundary, near Yuma, Ariz.....	243,500	1948-49**; 1950-
Colorado River at southerly international boundary, near San Luis, Ariz.....	-	1950-
Diversions and return flows at and below Imperial Dam: Gila Gravity Main Canal at Imperial Dam, Ariz.....	-	1943-
All-American Canal near Imperial Dam, Calif.....	-	1939-
All-American Canal above Pilot Knob wasteway, Calif.	-	1938-
All-American Canal below Pilot Knob wasteway, Calif.	-	1939-41.
Yuma Main Canal at siphon-drop power plant, near Yuma, Ariz.....	-	1926-38**; 1938-
Yuma Main Canal below Colorado River siphon, at Yuma, Ariz.....	-	1924-38**; 1938-
Yuma Main Canal wasteway at Yuma, Ariz.....	-	1913-30**; 1930-
Pilot Knob wasteway near Pilot Knob, Calif.....	-	1939-43**; 1944-
Yuma Canal (Yuma Main Canal) at Laguna Dam, Ariz.- Calif.....	-	1910-30**; 1930-34; 1934-48**.
North Gila Valley Canal at Laguna Dam, Ariz.-Calif..	-	1935**
Diversions from Colorado River by pumping, at Yuma, Ariz.....	-	1904-5**; 1907†; 1908-12**; 1913†.
Alamo Canal (Imperial Canal) at Andrade, Calif.....	-	1908**

* Only gage heights or discharge measurements or both.

** Only monthly figures of discharge or contents.

† Only yearly figures of discharge.

†† Only figures of daily elevation.

^a In reports of State engineer of Colorado.

^b Includes daily elevation.

COLORADO RIVER TRIBUTARIES

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	Drainage area (square miles)	Period of Record
Diversions and return flows at and below Imperial Dam--Continued.		
Alamo (Imperial) Canal at headings in United States and Mexico.....	-	1903-4*; 1905**.
Return surface flows from Yuma project, Ariz.-Calif..	-	1913**-
Surface flows across Arizona-Sonora boundary from Yuma project, Ariz.-Calif.....	-	1919**-
Diversions from Colorado River at Volcano Lake to Imperial Valley, Calif.....	-	1916-21**.
Salton Sea Basin. See Index for Part 10.		
Colorado River tributaries:		
Grand River ditch from tributaries of Colorado River to Platte River Basin, Colo.....	-	1942**-
North Inlet at Grand Lake, Colo.....	46.6	1905-12; 1947-
Eureka ditch from Tonahutu Creek to Platte River Basin, Colo.....	-	1947**-
Grand Lake outlet at Grand Lake, Colo.....	76.7	1904-13.
East Inlet near Grand Lake, Colo.....	27.1	1947-
Little Columbine Creek above Shadow Mountain Reservoir, at Grand Lake, Colo.....	-	1950-
Columbine Creek above Granby Reservoir, near Grand Lake, Colo.....	7.3	1950-
Arapaho Creek at Monarch Lake outlet, Colo.....	47.1	1944-
Arapaho Creek below Monarch Lake, Colo.....	59	1935-44.
Arapaho Creek (South Fork Colorado River) near Lehman, Colo.....	-	1907-8.
Stillwater Creek above Granby Reservoir, near Grand Lake, Colo.....	18.8	1950-
Willow Creek near Granby, Colo.....	105	1935-
Fraser River at upper station, near Fraser, Colo.....	-	1908-11.
Fraser River above West Portal (at lower station, near Fraser), Colo.....	22.1	1907-9; 1934-37.
Fraser River near Winter Park (West Portal, Arrow), Colo.....	27.6	1910-30; (1930-33) ^a ; 1933-
Fraser River at Granby (Coulter), Colo.....	285	1904-9; 1937-
Berthoud Pass ditch from tributaries of Fraser River to Platte River Basin, Colo.....	-	1947**-
Big Jim Creek near Fraser, Colo.....	-	1907-9.
Little Jim Creek near Fraser, Colo.....	-	1907-9.
Vasquez Creek at upper station, near Fraser, Colo..	-	1908-9.
Vasquez Creek near Winter Park (West Portal; at lower station, near Fraser), Colo.....	27.8	1907-9; 1934-
Elk Creek near Fraser, Colo.....	-	1907-9.
St. Louis Creek at upper station, near Fraser, Colo.....	-	1908-9.
St. Louis Creek near Fraser, Colo.....	32.8	1934-
St. Louis Creek at lower station, near Fraser, Colo.....	-	1908-9.
Ranch Creek (North Ranch Creek) at upper station, near Rollins Pass, Colo.....	-	1908-9.
Ranch Creek (North Ranch Creek) at lower station, near Rollins Pass, Colo.....	-	1907-9.
Ranch Creek above forks, near Fraser, Colo.....	3.8	1937-42.
Ranch Creek near Fraser, Colo.....	19.9	1934-
Ranch Creek near Tabernash, Colo.....	50.7	1934-
North Fork Ranch Creek near Fraser, Colo.....	3.6	1937-42.
Middle Fork Ranch Creek (Middle Ranch Creek) at upper station, near Arrow, Colo.....	-	1908-9.
Middle Fork Ranch Creek near Fraser, Colo.....	4.4	1937-42.
Middle Fork Ranch Creek (Middle Ranch Creek) at lower station, near Arrow, Colo.....	-	1907-9.
South Fork Ranch Creek (South Ranch Creek) at upper station, near Arrow, Colo.....	-	1908-9.
South Fork Ranch Creek near West Portal, Colo..	2.6	1936-42.
South Fork Ranch Creek (South Ranch Creek) at lower station, near Arrow, Colo.....	-	1907-9.
Moffat water tunnel from tributaries of Fraser River to Platte River Basin, Colo.....	-	1936**-
Meadow Creek near Tabernash, Colo.....	7.0	1936-
Strawberry Creek near Granby, Colo.....	12.6	1936-45.

* Only gage heights or discharge measurements or both.

** Only monthly figures of discharge or contents.

^a In reports of State engineer of Colorado.

INDEX, PART 9, COLORADO RIVER BASIN

Colorado River tributaries--Continued.	Drainage area (square miles)	Period of Record
Williams River below Steelman Creek, Colo.....	16.3	(1933) ^a ; 1933-42.
Williams River near Leal, Colo.....	89.5	(1933) ^a ; 1933-
Williams River (Fork) near Scholl, Colo.....	143	1910-17.
Williams River (Fork) near Parshall (Sulphur Springs), Colo.....	186	1904-24; (1933) ^a ; 1933-
Williams Fork Reservoir near Parshall, Colo.....	-	1948**.
Williams River below Williams Fork Reservoir, Colo...	234	1948-
Jones Pass tunnel from tributaries of Williams River to Platte River Basin, Colo.....	-	1940**.
Keyser Creek near Leal, Colo.....	13.7	1942-
Troublesome Creek at Atmore Ranch, near Troublesome, Colo.....	50.3	1941-43.
Troublesome Creek near Troublesome, Colo.....	178	1904-5; 1922-24; 1941-
East Fork Troublesome Creek near Troublesome, Colo.	81.4	1941-43.
Muddy Creek near Kremmling, Colo.....	71.7	1941-43.
Muddy Creek at Kremmling, Colo.....	-	1904-5.
Blue River at Breckenridge, Colo.....	49	1914-15.
Blue River at Dillon, Colo.....	129	1910-
Blue River above Green Mountain Reservoir, Colo.....	479	1944-
Blue River near Kremmling, Colo.....	560	1904-8.
Green Mountain Reservoir near Kremmling, Colo.....	-	1942**.
Blue River below Green Mountain Reservoir, Colo.....	623	1937-
Spruce Creek (upper station) near Breckenridge, Colo.....	-	1914-15.
Spruce Creek (lower station) near Breckenridge, Colo.....	-	1914-15.
Crystal Creek near Breckenridge, Colo.....	-	1914-15.
Boreas Pass ditch from tributaries of Blue River to Platte River Basin, Colo.....	-	1947**.
Snake River near Montezuma, Colo.....	59	1942-46.
Snake River at Dillon, Colo.....	92	1910-19; 1929-
Tennile Creek near Kokomo, Colo.....	67	1904.
Tennile Creek near Uneva Lake, Colo.....	-	1903.
Tennile Creek near Frisco, Colo.....	79	1942-50.
Tennile Creek at Dillon, Colo.....	113	1910-19; 1930-
Fremont Pass ditch from tributaries of Tennile Creek to Arkansas River Basin, Colo.....	-	1947**.
Straight Creek near Dillon, Colo.....	12.8	1943-
Willow Creek near Dillon, Colo.....	13.5	1942-
Rock Creek near Dillon, Colo.....	15.8	1942-
Boulder Creek near Dillon, Colo.....	9.7	1942-
Slate Creek near Dillon, Colo.....	16.8	1942-
Black Creek below Black Lake, near Dillon, Colo....	15.2	1942-49.
Black Creek above Green Mountain Reservoir, Colo...	18.2	1944-
Otter Creek above Green Mountain Reservoir, Colo...	9.4	1944-
Cataract Creek above Green Mountain Reservoir, Colo.....	15.5	1944-
Elliott Creek feeder canal to Green Mountain Reservoir, Colo.....	-	1944-
Piney River below Piney Lake, Colo.....	13.0	1947-
Piney River near State Bridge, Colo.....	82.6	1944-
North Fork Piney River near State Bridge, Colo....	14.8	1944-46.
Eagle River at Redcliff, Colo.....	72.2	1910-25; 1944-
Eagle River at Eagle, Colo.....	650	1911-24.
Eagle River below Brush Creek, at Eagle, Colo.....	-	1905-7.
Eagle River at Gypsum, Colo.....	844	1907-9.
Eagle River below Gypsum, Colo.....	957	1946-
Ewing ditch from Eagle River to Arkansas River Basin, Colo.....	-	1947**.
Wurtz ditch from tributaries of Eagle River to Arkansas River Basin, Colo.....	-	1947**.
Columbine ditch from tributaries of Eagle River to Arkansas River Basin, Colo.....	-	1947**.
Turkey Creek at Redcliff, Colo.....	28.6	1913-21; 1944-
Homestake Creek at Gold Park, Colo.....	35.7	1947-
Homestake Creek near Redcliff, Colo.....	58.9	1944-
Homestake Creek at Redcliff, Colo.....	64	1911-18.
Gore Creek at upper station near Minturn, Colo.....	14.4	1947-
Gore Creek near Minturn, Colo.....	100	1911-14; 1944-
Black Gore Creek near Minturn, Colo.....	11.8	1947-
Beaver Creek at Avon, Colo.....	-	1911-14.

** Only monthly figures of discharge or contents.

^a In reports of State engineer of Colorado.

COLORADO RIVER TRIBUTARIES

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Colorado River tributaries--Continued.	Drainage area (square miles)	Period of Record
Eagle River tributaries--Continued.		
Brush Creek at Eagle, Colo.....	146	1911-13.
No Name Creek near Glenwood Springs, Colo.....	-	1911-14.
Glenwood Light & Power Co.'s flume near Glenwood Springs, Colo.....	-	1911-13.
Roaring Fork at Aspen, Colo.....	109	1910-21; (1932-34) ^a ; 1934-
Roaring Fork below Aspen, Colo.....	223	1913-18.
Roaring Fork near Emma, Colo.....	853	1908-9.
Roaring Fork at Glenwood Springs, Colo.....	1,460	1905-31; 1931-33 ^{**} ; (1931-33) ^a ; 1933-
Twin Lakes tunnel from tributaries of Roaring Fork to Arkansas River Basin, Colo.....	-	1935 ^{**} -
Hunter Creek near Aspen, Colo.....	40	1950-
Hunter Creek at Aspen, Colo.....	42	1911-13.
Castle Creek near Aspen, Colo.....	62	1911-20.
Maroon Creek near Aspen, Colo.....	42	1911-17.
Maroon Creek at lower station, near Aspen, Colo.....	54	1914-15.
Snowmass Creek at Snowmass, Colo.....	89	1911-13.
Fryingpan Creek at Norrie, Colo.....	92	1911-17; 1947-
Fryingpan Creek at Thomasville, Colo.....	175	1911-20.
Fryingpan Creek at Basalt, Colo.....	272	1908-9.
Busk-Ivanhoe tunnel from Ivanhoe Lake to Arkansas River Basin, Colo.....	-	1943-47 [†] ; 1947 ^{**} -
North Fork Fryingpan Creek, near Norrie, Colo.....	42	1911-17; 1947-
Lime Creek at Troutville, Colo.....	8.4	1950-
Lime Creek at Thomasville, Colo.....	32	1950-
Crystal River at Marble, Colo.....	77	1910-17.
Crystal River near Redstone, Colo.....	225	1935-
Crystal River near Carbondale (Sewell), Colo.....	239	1908-9.
Fourmile Creek near Carbondale, Colo.....	8.0	1942-47.
Elk Creek, West Fork (head of Elk Creek), near New Castle, Colo.....	-	1911.
Elk Creek at New Castle, Colo.....	177	(1922-24) ^a .
Middle Fork Elk Creek near New Castle, Colo.....	-	1911-14.
East Fork Elk Creek near New Castle, Colo.....	51	1911-15.
West Divide Creek below Willow Creek, near Raven, Colo.....	32.7	1938-47.
West Divide Creek (head of Divide Creek) at Hostetler Ranch, near Raven, Colo.....	-	1909.
West Divide Creek at Beard Ranch, near Raven, Colo....	90	1910-11.
West Divide Creek at Raven, Colo.....	120	1909-11.
Willow Creek near Raven, Colo.....	12	1935-37.
West Mamm Creek near Rifle, Colo.....	-	1909-10.
Rifle Creek near Rifle, Colo.....	140	1940-46.
East Fork Rifle Creek near Rifle, Colo.....	32	1940-43.
Parachute Creek near Grand Valley, Colo.....	144	1948-
Parachute Creek at Grand Valley, Colo.....	200	1921-27; 1948-
Roan Creek at Simmons ranch, near Highmore, Colo.....	79	1935-37.
Roan Creek near DeBeque, Colo.....	210	1921-26.
Carr Creek at Altenbern ranch, near Highmore, Colo..	17	1935-37.
Plateau Creek at upper station, near Collbran, Colo...	24.3	1941-43.
Plateau Creek near Collbran, Colo.....	88	1921-27 ^{**} ; (1921-33) ^a ; 1933-
Plateau Creek near Molina, Colo.....	-	1912 ^a .
Plateau Creek near Cameo, Colo.....	604	1936-
Buzzard Creek near Heiberger, Colo.....	76.5	1936-42.
Buzzard Creek near Collbran, Colo.....	139	1921-27 ^{**} ; (1921-33) ^a ; 1933-
Big Creek below Bonham Reservoir, near Collbran, Colo.....	-	1941.
Big Creek at upper station, near Collbran, Colo.....	17.3	1945-
Big Creek near Collbran, Colo.....	25.3	1941-44.
Cottonwood Creek at upper station, near Molina, Colo.....	16.3	1945-
Cottonwood Creek near Molina, Colo.....	19.7	1941-43.
Bull Creek at upper station, near Molina, Colo.....	9.7	1945-
Bull Creek near Molina, Colo.....	9.7	1941.
Bull Creek at Goyne Ranch, near Molina, Colo.....	13.8	1942-43.
Coon Creek at upper station, near Mesa, Colo.....	6.1	1945-47.
Coon Creek near Mesa, Colo.....	10.0	1941-43.
Mesa Creek near Mesa, Colo.....	-	1941-
Taylor River (head of Gunnison River) at Taylor Park, Colo.....	121	(1929-33) ^a ; 1933-34.
Taylor Park Reservoir at Taylor Park, Colo.....	-	1938 ^{**} -

** Only monthly figures of discharge or contents.

† Only yearly figures of discharge.

a In reports of State engineer of Colorado.

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Colorado River tributaries--Continued.	Drainage area (square miles)	Period of Record
Taylor River below Taylor Park Reservoir, Colo.....	245	(1929-34) ^a ; 1938-
Taylor River near Almont, Colo.....	317	1905.
Taylor River at Almont, Colo.....	440	1910-31; (1931-33) ^a ; 1933-
Gunnison River near Gunnison, Colo.....	1,010	1910-14; 1915-28; 1944-
Gunnison River at Iola, Colo.....	2,490	1899-1903; 1938-
Gunnison River near Cimarron, Colo.....	3,650	1903-5.
Gunnison River at River Portal, Colo.....	3,980	1905-11.
Gunnison River below Gunnison tunnel, Colo.....	3,980	1943-
Gunnison River near Cory, Colo.....	5,410	1903-5.
Gunnison River at Roubideau, Colo.....	-	1897.
Gunnison River at Whitewater, Colo.....	7,870	1897*; 1901-6.
Gunnison River near (at) Grand Junction, Colo.....	8,020	1894-95*; 1896-99**; 1916-28; (1928-30) ^a ; 1928-33**; 1934-
Texas Creek at Taylor Park, Colo.....	36	(1929-33) ^a ; 1933-34.
Willow Creek at Taylor Park, Colo.....	47	(1929-33) ^a ; 1933-34.
East River near Crested Butte, Colo.....	89.2	1941-
East River at Almont, Colo.....	295	1905; 1910-22; 1934-
Slate River near Crested Butte, Colo.....	69.0	1941-
Coal Creek near Crested Butte, Colo.....	8.5	1941-46.
Cement Creek near Crested Butte, Colo.....	27.7	1910-13; 1941-
Ohio Creek near Baldwin, Colo.....	124	1941-50.
Ohio Creek near Gunnison, Colo.....	150	1941-50.
Castle Creek near Baldwin, Colo.....	17.5	1944-50.
Tomichi Creek at Sargents, Colo.....	155	1917-22; 1938-
Tomichi Creek near Doyleville, Colo.....	228	1944-50.
Tomichi Creek at Parlin, Colo.....	586	1944-
Tomichi Creek at Gunnison, Colo.....	1,020	1910*; 1938-
Larkspur ditch from tributaries of Tomichi Creek to Arkansas River Basin, Colo.....	-	1947-
Quartz Creek near Pitkin, Colo.....	66	1910-13.
Quartz Creek near Ohio, Colo.....	101	1938-
Cochetopa Creek near Parlin, Colo.....	346	1941-48.
Tarbell ditch from tributary of Cochetopa Creek to Rio Grande Basin, Colo.....	-	1947-
Beaver Creek at Hierro, Colo.....	35.7	1942-43.
Steuben Creek at Elkhorn, Colo.....	27	1942-43.
Cebolla Creek near Lake City, Colo.....	25.5	1946-
Cebolla Creek at Powderhorn, Colo.....	334	1938-
Tabor ditch from Cebolla Creek to Rio Grande Basin, Colo.....	-	1947-
Sapinero Creek at Sapinero, Colo.....	85.5	1911-14; 1946-
Lake Fork at Lake City, Colo.....	123	1918-24; 1928-30; 1931-37.
Lake Fork at Gateview, Colo.....	370	1938-
Henson Creek at Lake City, Colo.....	83	1918-19; 1928-30; 1931-37.
Curecanti Creek near Sapinero, Colo.....	31.8	1946-
Cimarron Creek at Cimarron, Colo.....	212	1903-5.
Cimarron Creek below Squaw Creek, at Cimarron, Colo.	232	1943-
Crystal Creek near Maher, Colo.....	39.1	1916-19; 1945-
Smith Fork near Crawford, Colo.....	42.3	1941-
Iron Creek near Crawford, Colo.....	-	1947-
East Muddy Creek (head of North Fork Gunnison River) near Ragged Mountain, Colo.....	80	1935-36.
East Muddy Creek near Bardine, Colo.....	136	1935-
Muddy Creek at Bardine, Colo.....	246	1949-
North Fork Gunnison River near Somerset, Colo.....	521	1934-
North Fork Gunnison River near Paonia, Colo.....	702	1922-27; (1927-33) ^a .
North Fork Gunnison River near Hotchkiss, Colo.....	835	1903-6.
West Muddy Creek:		
Cow Creek near Bowie, Colo.....	9.7	1941-42.
Anthracite Creek near Floresta, Colo.....	17.5	1941-43.
Minnesota Creek near Paonia, Colo.....	41.3	1941-47.
East Fork Minnesota Creek near Paonia, Colo.....	6.6	1941-43.
Leroux Creek near Cedaredge, Colo.....	43.0	1936-
Leroux Creek near Lazear, Colo.....	52.0	1917-26.
Leroux Creek near Hotchkiss, Colo.....	64.0	1942-43.
Currant Creek near Cedaredge, Colo.....	36	1948-
Currant Creek near Eckert, Colo.....	37.7	1941-42.
Surface Creek below Park Reservoir, near Grand Mesa, Colo.....	-	1941.
Surface Creek near Cedaredge, Colo.....	28.5	1939-
Surface Creek at Cedaredge, Colo.....	43	1917-27; (1927-33) ^a ; 1933-
Surface Creek at Eckert, Colo.....	55	1942-

* Only gage heights or discharge measurements or both.

** Only monthly figures of discharge or contents.

^a In reports of State engineer of Colorado.

COLORADO RIVER TRIBUTARIES

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Colorado River tributaries--Continued.	Drainage area (square miles)	Period of Record
Gunnison River tributaries--Continued.		
Surface Creek tributaries:		
Tongue Creek near Cedaredge, Colo.....	11.2	1944-46.
West Ward Creek (head of Ward Creek) below Is- land Lake Reservoir, near Grand Mesa, Colo.	1.2	1943.
Ward Creek near Cedaredge, Colo.....	19	1942-46.
Ward Creek below Kiser Creek, near Cedaredge, Colo.....	57.8	1944-
East Ward Creek below Deep Slough Reservoir, near Grand Mesa, Colo.....	1.5	1941-43.
Kiser Creek at Grand Mesa, Colo.....	1.7	1942-43.
Kiser Creek near Cedaredge, Colo.....	12.9	1942-46.
Cottonwood Creek near Cedaredge, Colo.....	5	1942-46.
Youngs Creek near Cedaredge, Colo.....	19	1942-46.
Uncompahgre River at Ouray, Colo.....	42.1	1908; 1911-24.
Uncompahgre River below Ouray, Colo.....	76.5	1913-28.
Uncompahgre River at and near Colona, Colo.....	437	1903-6; 1917-
Uncompahgre River at Fort Crawford (Uncompahgre), Colo.....	-	1895-99; 1908-10.
Uncompahgre River near Fort Crawford, Colo.....	-	1910-11.
Uncompahgre River at Montrose, Colo.....	637	1900; 1903-23.
Uncompahgre River at Delta, Colo.....	1,110	1903-31; 1938-
Red Mountain Creek near Ironton, Colo.....	17.8	1947-
Canyon Creek at Ouray, Colo.....	27.6	1911-15.
Dallas Creek near Ridgeway, Colo.....	90	1922-27**; (1922-27) ^a .
East Fork Dallas Creek near Ridgeway, Colo.....	14.5	1947-
Roubideau Creek near Delta, Colo.....	165	1939-41.
Roubideau Creek at mouth, near Delta, Colo.....	245	1939-
Escalante Creek near Delta, Colo.....	-	1922-23**; (1922-23) ^a .
Kahnah Creek near Whitewater, Colo.....	55.0	1917-21; 1922-27**; (1922-33) ^a ; 1933-
Dolores River at Rico, Colo.....	83	1914; 1919-21.
Dolores River at Dolores, Colo.....	556	1895-1903; 1910-12; 1922-27**; (1922-33) ^a ; 1933-
Dolores River near McPhee, Colo.....	793	1938-
Dolores River at Bedrock, Colo.....	2,040	1918-22.
Dolores River at Gateway, Colo.....	4,350	1937-
Rico Mining Co.'s tailrace at Rico, Colo.....	-	1914.
West Fork Dolores River near Duntun, Colo.....	39.4	1941-43.
West Fork Dolores River near Stoner, Colo.....	160	1941-44.
Lost Canyon Creek at Dolores, Colo.....	81	1922-27**; (1922-27) ^a ; 1941-48.
Disappointment Creek at upper station, near Cedar, Colo.....	69	1940-43.
Disappointment Creek near Cedar, Colo.....	180	1940-41.
La Sal Creek:		
Twomile Creek near La Sal, Utah.....	21.9	1944-
West Paradox Creek near Paradox, Colo.....	-	1944-
West Paradox Creek near Bedrock, Colo.....	-	1944-
Buckeye Reservoir Outlet near Paradox, Colo.....	-	1945-
San Miguel River at Fall Creek, Colo.....	172	1895-99; 1910.
San Miguel River near (at) Placerville, Colo.....	308	1909**; 1910-12; (1910-12; 1930-34) ^a ; 1942-
San Miguel River at Naturita, Colo.....	1,080	1917-27; (1927-29) ^a ; 1940-
Fall Creek near Fall Creek, Colo.....	33.5	1942-
Beaver Creek near Norwood, Colo.....	35.2	1942-
Horsefly Creek near Sams, Colo.....	23.3	1942-
Cottonwood Creek near Nucla, Colo.....	43	1942-
Naturita Creek near Norwood, Colo.....	27.7	1941-
Tabeguache Creek near Nucla, Colo.....	20.7	1946-
Taylor Creek (head of Roc Creek) near Gateway, Colo.	12.0	1944-
Roc Creek near Uranium, Colo.....	69.5	1944-
Deep Creek near Paradox, Colo.....	-	1944-
Geyser Creek near Paradox, Colo.....	-	1944-
Onion Creek near Moab, Utah.....	-	1950-
Rock Creek near Moab, Utah.....	-	1950-
Castle Creek above diversions, near Moab, Utah.....	-	1950-
Castle Creek near Moab, Utah.....	-	1950-
Courthouse Wash near Moab, Utah.....	-	1949-
Mill Creek near Moab, Utah.....	76	1914-19; 1949-
Cane Spring Wash:		
Hatch Wash near La Sal, Utah.....	-	1950-
Indian Creek near Monticello, Utah.....	-	1949-
Indian Creek above Cottonwood Creek, near Monticello, Utah.....	-	1949-

** Only monthly figures of discharge or contents.

^a In reports of State engineer of Colorado.

Colorado River tributaries--Continued.	Drainage area (square miles)	Period of Record
Indian Creek above Harts Draw, near Monticello, Utah.....	-	1949-
Cottonwood Creek near Monticello, Utah.....	-	1949-
Green River near Kendall, Wyo.....	271	1910-12; 1918.
Green River at Warren Bridge, near Daniel, Wyo.....	468	1931-
Green River near Daniel, Wyo.....	932	1915-32.
Green River near Fontenelle, Wyo.....	3,970	1946-
Green River at Green River, Wyo.....	7,670	1891**; 1895-1906; 1914-39.
Green River near Linwood, Utah.....	14,300	1928-
Green River at Flaming Gorge, near Linwood, Utah.....	14,900	1923-28; 1928-38**.
Green River near Greendale, Utah.....	-	1950-
Green River at (near) Bridgeport, Utah.....	15,700	1911-15.
Green River near Jensen, Utah.....	-	1946-
Green River at Jensen (near Vernal), Utah.....	26,100	1903-6; 1914-15.
Green River at Ouray, Utah.....	-	1904-5.
Green River near Ouray, Utah.....	-	1947-
Green River at Green River (Blake), Utah.....	40,600	1894-99; 1904-11; 1924-
Green River at Little Valley, near Green River, Utah.....	41,000	1910-24.
Beaver Creek near Daniel, Wyo.....	141	1938-
Horse Creek near Daniel, Wyo.....	124	1931-
Horse Creek at Daniel, Wyo.....	193	1913-14**; (1913-14) ^c ; 1915-18.
Cottonwood Creek near Daniel, Wyo.....	204	1938-
Cottonwood Creek near Big Piney, Wyo.....	-	1916-19; 1931-32.
Cottonwood Creek near mouth, near Big Piney, Wyo....	227	1938-40.
New Fork River below New Fork Lake, near Cora, Wyo.	36.2	1938-
New Fork River at Alexander's ranch, near Cora, Wyo.....	-	1910-11.
New Fork River at Pinedale crossing, near Cora, Wyo.....	-	1905.
New Fork River near Pinedale, Wyo.....	241	1938-44.
New Fork River near Boulder, Wyo.....	552	1915-
Willow Creek near Cora, Wyo.....	41.8	1938-41.
Lake Creek near Cora, Wyo.....	31.6	1938-41.
Duck Creek near Cora, Wyo.....	27.0	1938-41.
Pine Creek at Fremont Lake outlet, near Pinedale, Wyo.....	-	1910-12; 1915-18.
Pine Creek near Pinedale, Wyo.....	-	1905-6.
Pine Creek at Pinedale, Wyo.....	118	1904; 1915-
Pole Creek below Little Half Moon Lake, near Pinedale, Wyo.....	87.5	1938-
Pole Creek at Fayette, Wyo.....	126	1904-6.
Pole Creek near Pinedale, Wyo.....	167	1910.
Fall Creek near Pinedale, Wyo.....	37.2	1938-
Fall Creek at (near) Fayette, Wyo.....	46	1904-5.
Boulder Creek above Boulder Lake, near Boulder, Wyo.....	115	1938-39.
Boulder Creek below Boulder Lake, near Boulder, Wyo.....	130	1938-
Boulder Creek near Boulder (Newfork), Wyo.....	-	1904-6; 1915-24; 1931-32.
East Fork near Big Sandy, Wyo.....	79.2	1938-
East Fork at East Fork Canal, Wyo.....	106	1916-17; 1921-23.
East Fork at Newfork, Wyo.....	348	1905-6; 1915-24; 1931-32.
Silver Creek near Big Sandy, Wyo.....	45.4	1938-
North Piney Creek near Mason (Marbleton), Wyo.....	58	1915-16; 1931-
Middle Piney Creek below South Fork, near Big Piney, Wyo.....	34.3	1939-
Middle Piney Creek above Springman Creek, near Big Piney, Wyo.....	42.1	1938-39.
Middle Piney Creek near Big Piney, Wyo.....	46	1915-18; 1931-32.
South Piney Creek near Big Piney, Wyo.....	117	1938-42.
Labarge Creek near Labarge Meadows Ranger Station, Wyo.....	6.1	1941-42.
Labarge Creek near Viola, Wyo.....	172	1940-49.
Labarge Creek (at Welty's ranch) near Labarge, Wyo.	176	1913; (1914) ^c ; 1915-16.
Labarge Creek near Labarge (Tulsa), Wyo.....	193	1932-39.
Fontenelle Creek at upper station, near Fontenelle, Wyo.....	58	1941-42.
Fontenelle Creek near Fontenelle, Wyo.....	224	1915-19; 1931-
Big Sandy Creek at Leckie Ranch, near Big Sandy, Wyo.....	94	1910-11; 1939-
Big Sandy Creek near Eden, Wyo.....	265	1911-12.
Big Sandy Creek near Farson, Wyo.....	322	1915-17; 1921-24; 1927-34.

** Only monthly figures of discharge or contents.

c In reports of State engineer of Wyoming.

Colorado River tributaries--Continued.	Drainage area (square miles)	Period of Record
Green River tributaries--Continued.		
Big Sandy Creek tributaries:		
Dutch Joe Creek near Big Sandy, Wyo.....	17.0	1911-12.
Squaw Creek near Big Sandy, Wyo.....	-	1911-12.
Little Sandy Creek near Elkhorn, Wyo.....	20.9	1939-
Little Sandy Creek near Eden, Wyo.....	-	1911-12.
Blacks Fork above Blacks Fork Ranger Station, Utah.	48.8	1937-39.
Blacks Fork at Blacks Fork Ranger Station, Utah....	129	1937-39.
Blacks Fork near Millburne, Wyo.....	156	1939-
Blacks Fork near Urie, Wyo.....	261	1913-24; 1937-
Blacks Fork near Lyman, Wyo.....	821	1937-40; 1941-
Blacks Fork above Hams Fork, near Granger, Wyo.....	2,170	1896-97.
Blacks Fork below Hams Fork, at Granger, Wyo.....	2,840	1897-1900; 1916.
Blacks Fork near Green River, Wyo.....	3,670	1947-
East Fork of Smith Fork (head of Smith Fork) at China Meadows, near Robertson, Wyo.....	36.9	1938-39.
East Fork of Smith Fork near Robertson, Wyo.....	53.0	1939-
Smith Fork near Robertson, Wyo.....	144	1938-39.
Smith Fork at Mountainview, Wyo.....	192	1941-
West Fork of Smith Fork near Robertson, Wyo....	37.2	1939-
Hams Fork near Frontier, Wyo.....	298	1945-
Hams Fork at Kemmerer, Wyo.....	383	1918.
Hams Fork at Diamondville, Wyo.....	386	1918-33; 1945-49.
Henrys Fork near Lonetree, Wyo.....	55.2	1943-
Henrys Fork near Burntfork, Wyo.....	242	1943-
Henrys Fork at Linwood, Utah.....	531	1928-
Henrys Fork near Linwood, Utah.....	-	1916.
Middle Fork Beaver Creek near Lonetree, Wyo.....	-	1948-
East Fork Beaver Creek near Lonetree, Wyo.....	-	1948-
West Fork Beaver Creek near Lonetree, Wyo.....	-	1948-
Burnt Fork near Burntfork, Wyo.....	52.8	1943-
Burnt Fork at Burntfork, Wyo.....	73	1929-43.
Sheep Creek near Manila, Utah.....	45.9	1942-
Sheep Creek at mouth near Manila, Utah.....	111	1946-
Sheep Creek upper canal near Manila, Utah.....	-	1949-
Sheep Creek lower canal near Manila, Utah.....	-	1949-
Carter Creek near Manila, Utah.....	-	1948-
Carter Creek at mouth near Manila, Utah.....	110	1946-
Red Lake outlet near Manila, Utah.....	19	1945-49.
Beaver Creek near Ladore, Colo.....	27	1910-11.
Vermilion Creek near Ladore, Colo.....	-	1910-11.
Yampa River near Yampa, Colo.....	39.9	1943-44.
Yampa River at Yampa, Colo.....	52	1910-13; 1914-15**; (1914-15) ^a .
Yampa River near Oak Creek, Colo.....	227	1943-44.
Yampa River at Steamboat Springs, Colo.....	604	1904-6; 1909-13; 1914-26**; (1914-33) ^a ; 1933-
Yampa River at Craig, Colo.....	1,730	1901-02; 1904-6; 1910-13; 1914-16**; (1914-16) ^a .
Yampa River near Maybell, Colo.....	3,410	1904-5; 1910-12; 1916-17; 1917-33**; (1917-33) ^a ; 1933-
Walton Creek near Steamboat Springs, Colo.....	38	1921-22**; (1921-22) ^a .
Fish Creek near Steamboat Springs, Colo.....	26	(1918-20) ^a .
Soda Creek at Steamboat Springs, Colo.....	47	1910-11; 1912-19**; (1913-19) ^a .
Elk River at Hinman Park, Colo.....	61	1912-13; 1914-18**; (1914-18) ^a .
Elk River at (near) Clark, Colo.....	206	1910-13; 1913-22**; (1913-22; 1930-33) ^a ; 1933-
Elk River near Trull, Colo.....	415	1904-6; 1910-13; 1914-26**; (1914-27) ^a .
Big Creek near Steamboat Springs, Colo.....	61	1917-19.
Mad Creek near Steamboat Springs, Colo.....	40	1912-13; 1914-17**; (1914-17) ^a .
Trout Creek at Pinnacle, Colo.....	27	1910-11.
Fish Creek at Dunkley, Colo.....	29	1910-11.
Elkhead Creek (East Fork) at Hayes Ranch, Colo...	-	(1910; 1920) ^a .
Elkhead Creek near Clark, Colo.....	45.4	1943-44.
Elkhead Creek near Hayden, Colo.....	97.4	1942-44.
Elkhead Creek near Craig, Colo.....	249	1906; 1909-13; 1913-18**; (1913-18) ^a .
North Fork Elkhead Creek at Hayes Ranch, Colo..	-	(1910; 1920) ^a .
Fortification Creek above Little Bear Creek, Colo.....	-	(1910) ^a .
Fortification Creek at Craig, Colo.....	258	1905-6; 1909-13; 1913-18**; (1913-18) ^a ; 1943-47.
Little Bear Creek near Skiles, Colo.....	-	(1910) ^a .

** Only monthly figures of discharge or contents.

a In reports of State engineer of Colorado.

INDEX, PART 9, COLORADO RIVER BASIN

	Drainage area (square miles)	Period of Record
Colorado River tributaries--Continued.		
Green River tributaries--Continued.		
Yampa River tributaries--Continued.		
East Fork of Williams Fork (Williams River, Fork) near Pyramid, Colo.....	-	1910-11.
East Fork of Williams Fork near Willow Creek, Colo.....	96	1943-47.
Williams Fork (River) at Hamilton, Colo.....	341	1904-6; 1910-13; 1914-26**; (1914-27) ^a .
Milk Creek near Axial, Colo.....	-	1904-5.
Little Snake River, Middle Fork (head of Little Snake River), near Battle Creek, Colo.....	152	1912-13; 1914-22**; (1914-22) ^a .
Little Snake River near Slater, Colo.....	285	1942-47.
Little Snake River near Dixon, Wyo.....	988	1910-13; 1914-15**; (1914-15) ^a ; 1916-23; 1938-
Little Snake River near Lily (Maybell), Colo....	3,730	1904; 1921-27; 1927-34**; (1927-33) ^a ; 1934-
South Fork Little Snake River at Flemings, Colo.....	22	(1922-23) ^a .
South Fork Little Snake River near Battle Creek, Colo.....	46	1912-13; 1913-20**; (1913-20) ^a ; 1922-23**; (1922-23) ^a .
Battle Creek near Slater, Colo.....	85.3	1942-
Slater Fork at Baxter Ranch, near Slater, Colo.	80	1912-13; 1914-20**; 1922**; (1914-20; 1922) ^a .
Slater Fork near Slater, Colo.....	161	1910-12; (1931-33) ^a ; 1933-
Roaring Fork Slater Fork near Baxter Ranch, Colo.....	-	(1922) ^a .
Savery Creek at upper station, near Savery, Wyo.....	189	1940-44.
Savery Creek near Savery, Wyo.....	330	1941-46; 1947-
Savery Creek at Savery, Wyo.....	354	1915-16; 1918-22.
Willow Creek near Baggs, Wyo.....	-	1912-13; 1914-23**; (1914-23) ^a .
Muddy Creek near Baggs, Wyo.....	-	1915-16; 1918.
Fourmile Creek near Baggs, Wyo.....	-	1912-13; 1914-23**; (1914-23) ^a .
Jones Hole Creek near Jensen, Utah.....	-	1950-
Brush Creek above cave near Vernal, Utah.....	23	1946-
Brush Creek near Vernal, Utah.....	82	1939-
Brush Creek near Jensen, Utah.....	-	1939-
Oaks Park Canal near Vernal, Utah.....	-	1946-
Little Brush Creek below East Park Reservoir, near Vernal, Utah.....	-	1949-
Little Brush Creek near Vernal, Utah.....	28	1945-
Ashley Creek below Trout Creek, near Vernal, Utah..	27	1943-
Ashley Creek above springs, near Vernal, Utah.....	100	1941-45.
Ashley Creek (above Dry Fork) near Vernal, Utah....	101	1911-
Ashley Creek at Sign of the Maine (below Dry Fork), near Vernal, Utah.....	241	1900-1904; 1939-
Ashley Creek near Jensen, Utah.....	386	1946-
South Fork Ashley Creek near Vernal, Utah.....	20	1943-
Ashley Creek Spring near Vernal, Utah.....	-	1943-45.
Utah Power & Light (Vernal Milling & Light) Co.'s tailrace near Vernal, Utah.....	-	1917; 1920-31.
Dry Fork above sinks, near Dry Fork, Utah.....	48	1939-
Dry Fork below springs (Ashley Creek, Dry Fork), near Dry Fork (at Vernal), Utah.....	102	1904; 1941-45.
North Fork of Dry Fork near Dry Fork, Utah.....	12	1946-
East Fork of Dry Fork near Dry Fork, Utah.....	12	1946-
East Fork of Dry Fork at mouth, near Dry Fork, Utah.....	-	1949-
Duchesne River (North Fork Duchesne River) at Provo River Trail, near Hanna, Utah.....	39	1929-33; 1935-43; 1944-
Duchesne River (North Fork Duchesne River) near Hanna, Utah.....	78	1921-23; 1929-30; 1946-
Duchesne River (North Fork Duchesne River) above Forks, Utah.....	-	1904.
Duchesne River near Tabiona, Utah.....	352	1919-
Duchesne River at Duchesne, Utah.....	660	1917-
Duchesne River at Myton, Utah.....	2,750	1899-
Duchesne River near Randlett, Utah.....	3,920	1942-
Hades Creek near Hanna, Utah.....	-	1949-

** Only monthly figures of discharge or contents.

^a In reports of State engineer of Colorado.

COLORADO RIVER TRIBUTARIES

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Colorado River tributaries--Continued.	Drainage area (square miles)	Period of Record
Green River tributaries--Continued.		
Duchesne River tributaries--Continued.		
West Fork Duchesne River below Dry Hollow, near Hanna, Utah.....	61	1949-
West Fork Duchesne River near Hanna, Utah.....	61	1904; 1921-23; 1945-
Wolf Creek above Rhodes Canyon, near Hanna, Utah.....	9	1945-
Wolf Creek near Hanna, Utah.....	19	1921-23.
Rock Creek near Hanna, Utah.....	-	1949-
Rock Creek (East Creek) near Mountain Home (10 miles above mouth), Utah.....	149	1904; 1937-
Strawberry Reservoir near Soldier Springs, Utah..	170	1913-45 ^d ; 1945-
Strawberry River above mouth of Indian Creek, in Strawberry Valley, Utah.....	132	1909-10.
Strawberry River (Creek) below mouth of Indian Creek, in Strawberry Valley, Utah.....	182	1903-6; 1909.
Strawberry River near Soldier Springs, Utah.....	e42	1942-
Strawberry River at Duchesne (Theodore), Utah....	f1,040	1908-10; 1914-
Strawberry River and Willow Creek ditches near Heber, Utah.....	-	1949 -
Hobble Creek:		
Upper Hobble Creek ditch near Heber, Utah....	-	1949-
McDonald Creek:		
Lower Hobble Creek ditch near Heber, Utah..	-	1949-
Strawberry tunnel at West Portal, near Thistle, Utah.....	-	1923-25; 1932-45 ^d ; 1945-
Indian Creek in Strawberry Valley, Utah.....	50	1905-6; 1909-10.
Trail Hollow Creek in Strawberry Valley, Utah.....	21	1909-10.
Willow Creek near Soldier Springs, Utah.....	44	1943-47.
Currant Creek below Red Ledge Hollow (13 miles above mouth) near Fruitland, Utah.....	48	1904; 1945-
Currant Creek 3 miles above mouth (of Deep Creek), Utah.....	-	1904.
Currant Creek near Fruitland, Utah.....	142	1935-
Water Hollow near Fruitland, Utah.....	15	1946-
Red Creek above Narrows, Utah.....	-	1904.
Red Creek near Fruitland, Utah.....	89	1917-22.
Antelope Creek near Myton, Utah.....	-	1917-21.
Lake Fork (West Fork of Lake Fork) above Moon Lake, near Mountain Home, Utah.....	78	1933-34; 1942-
Moon Lake Reservoir near Mountain Home, Utah.....	108	1937-
Lake Fork below Moon Lake (West Fork of Lake Fork), near Mountain Home, Utah.....	110	1904; 1921-34; 1942-
Lake Fork below Forks, near Altonah, Utah.....	-	1904; 1907-10; 1917-20.
Lake Fork near Upalco, Utah.....	418	1942-
Lake Fork near Myton, Utah.....	468	1900-1903; 1907-36.
Brown Duck Creek near Mountain Home, Utah.....	15	1933-34; 1942-
Yellowstone Creek below Swift Creek, near Altonah, Utah.....	-	1949-
Yellowstone Creek (East Fork of Lake Fork), 8 miles above Forks, Utah.....	-	1904.
Yellowstone Creek near Altonah, Utah.....	131	1944-
Yellowstone Creek near Mountain Home, Utah.....	143	1943-44.
Uinta River below Gilbert Creek, near Neola, Utah	-	1950-
Uinta River above Clover Creek near Neola, Utah..	132	1945-
Uinta River near Neola, Utah.....	181	1921-27; 1929-
Uinta River near Whiterocks, Utah.....	218	1899-1904; 1907-10; 1917-20.
Uinta River at (near) Fort Duchesne, Utah.....	672	1899-1904; 1905-10 ^f ; 1917-20 ^f ; 1942-
Uinta River at Ouray School, Utah.....	-	1899-1904 ^f .
Clover Creek near Neola, Utah.....	-	1950-
Farm Creek near Whiterocks, Utah.....	-	1949-
Whiterocks River above Paradise Creek, near Whiterocks, Utah.....	88.2	1945-
Whiterocks River near Whiterocks, Utah.....	115	1899-1904; 1907-10; 1917-28; 1930-
Paradise Creek near Whiterocks, Utah.....	10	1946-
Deep Creek near Lapoint, Utah.....	72	1942-45; 1949-
Dry Gulch near Neola, Utah.....	-	1950-

^f Fragmentary records.

^d In files of Geological Survey at Salt Lake City, Utah.

^e Exclusive of 170 square miles tributary to Strawberry Reservoir, which includes area above diversion dams on Indian Creek and Trail Hollow Creek.

^f Including 132 square miles of Strawberry River drainage basin above Strawberry dam and 38 square miles of Indian Creek drainage basin that contributes to the reservoir by feeder canal.

Colorado River tributaries--Continued.	Drainage area (square miles)	Period of Record
Green River tributaries--Continued.		
White River (North Fork of White River) near Buford, Colo.....	240	1903-6; 1910-13; 1914-15**; 1919-20**; (1914-15; 1919-20) ^a .
White River near (at) Meeker, Colo.....	762	1901-6; 1910-13; 1913-26**; (1913-33) ^a ; 1933-
White River at Whiteriver, Colo.....	-	1895.
White River near Rangely, Colo.....	3,270	1904-5; 1918**; (1918) ^a .
White River near Watson (Dragon), Utah.....	4,020	1906; 1923-33**; (1923-33) ^a ; 1933-
White River near Ouray, Utah.....	-	1904.
Marvine Creek near Buford, Colo.....	56	1903-6.
South Fork White River near Buford, Colo.....	156	1903-6; 1910-13; 1914-15**; 1919-20**; (1914-15; 1919-20) ^a ; 1942-47.
Piceance Creek near Rioblanco, Colo.....	153	1941-43.
Piceance Creek near Whiteriver, Colo.....	-	(1918) ^a .
Willow Creek above diversions, near Ouray, Utah.....	-	1950-
Willow Creek near Ouray, Utah.....	967	1947-
Minnie Maud Creek near Myton, Utah.....	-	1950-
Minnie Maud Creek at Nutter ranch near Myton, Utah..	231	1947-
Price River (Fish Creek) above Scofield Reservoir, near Scofield, Utah.....	62	1931-32; 1938-
Scofield Reservoir near Scofield, Utah.....	163	1926-41†; 1941-
Price River (Fish Creek) near Scofield, Utah.....	163	1917-21; 1925-31; 1938-
Price River near Helner, Utah.....	-	1934-
Price River near Helper, Utah.....	530	1894-95*; 1904-34.
Price River near Wellington, Utah.....	-	1949-
Price River at Woodside, Utah.....	1,500	1909-11; 1945-
Gooseberry Creek near Scofield, Utah.....	16.4	1930-31; 1940-
White River near Soldier Summit, Utah.....	-	1938-
North Fork White River near Soldier Summit, Utah	23.3	1942-47.
Saleratus Wash at Green River, Utah.....	-	1948-
Browns Wash near Green River, Utah.....	-	1949-
Huntington Creek (head of San Rafael River) near Huntington, Utah.....	188	1909-
Huntington Creek near Castle Dale, Utah.....	325	1911-21.
San Rafael River near Castle Dale, Utah.....	927	1947-
San Rafael River near Green River, Utah.....	1,690	1909-20; 1945-
Flat Canyon:		
Boulger Creek near Fairview, Utah.....	1.9	1938-49.
Fairview ditch near Fairview, Utah.....	-	1949-
Left Fork Huntington Creek:		
Staker Canyon:		
Candland ditch near Mt. Pleasant, Utah.....	-	1949-
Cottonwood Creek near Orangeville, Utah.....	200	1909-27; 1932-
Cottonwood Creek near Castle Dale, Utah.....	261	1947-
Beck Creek (head of Seely Creek) near Ephraim, Utah.....	5	1931-32.
Ephraim tunnel near Ephraim, Utah.....	-	1949-
Olsens Canyon:		
Horseshoe tunnel near Ephraim, Utah.....	-	1949-
Larsen tunnel near Ephraim, Utah.....	-	1949-
Lowery Fork (head of Lowery Water):		
Potters Canyon:		
Coal Fork ditch near Mt. Pleasant, Utah...	-	1949-
Bulger Canyon:		
Twin Creek tunnel near Mt. Pleasant, Utah.	-	1949 [‡] -
Black Canyon:		
Cedar Creek tunnel near Spring City, Utah.	-	1949-
Black Canyon ditch near Spring City, Utah.	-	1949-
Tributary to Black Canyon:		
Spring City tunnel near Spring City, Utah.....	-	1949-
Reeder Canyon:		
Reeder ditch near Spring City, Utah.....	¶	1949-
Ferron Creek (upper station) near Ferron, Utah....	157	1911-23; 1947-
Ferron Creek near Ferron, Utah.....	-	1909-11.
Ferron Creek near Castle Dale, Utah.....	211	1911-14; 1947-

* Only gage heights or discharge measurements or both.

** Only monthly figures of discharge or contents.

† Fragmentary records.

^a In reports of State engineer of Colorado.

‡ In files of State engineer in Utah.

Colorado River tributaries--Continued.	Drainage area (square miles)	Period of Record
Green River tributaries--Continued.		
San Rafael River tributaries--Continued.		
Ferron Creek tributaries:		
Big Bear Creek:		
Little Bear Creek:		
Madsen ditch near Ephraim, Utah.....	-	1949-
John August ditch near Ephraim, Utah.....	-	1949-
Fremont River (head of Dirty Devil River) below Fish Lake, near Fremont, Utah.....	27	1939-45.
Fremont River near Fremont, Utah.....	205	1949-
Fremont River near Bicknell (Thurber), Utah.....	776	1909-12; 1937-
Dirty Devil River near Hanksville, Utah.....	3,490	1945-48.
Dirty Devil River near Hite, Utah.....	-	1948-
Muddy Creek near Emery, Utah.....	89	1909-14; 1949-
Muddy Creek (lower station) near Emery, Utah.....	114	1911-14.
Muddy Creek below Ivie Creek, near Emery, Utah....	-	1950-
Ivie Creek above diversions, near Emery, Utah....	-	1950-
Ivie Creek near Emery, Utah.....	-	1911.
North Wash near Hite, Utah.....	-	1950-
White Canyon near Hite, Utah.....	-	1950-
North Creek (head of Escalante River) near Escalante, Utah.....	-	1950-
Escalante River near Escalante, Utah.....	315	1909-13; 1942-
Escalante River at mouth, near Escalante, Utah.....	-	1950-
Birch Creek near Escalante, Utah.....	-	1950-
Pine Creek near Escalante, Utah.....	-	1950-
Boulder Creek below Deer Creek, near Boulder, Utah	-	1950-
East Fork Boulder Creek near Boulder, Utah.....	-	1950-
Deer Creek:		
East Fork Deer Creek near Boulder, Utah.....	-	1950-
San Juan River near Pagosa Springs, Colo.....	86.9	1935-
San Juan River at Pagosa Springs, Colo.....	298	1911-14; 1935-
San Juan River at Arboles, Colo.....	1,390	1895-99; 1910-14; (1915-20) ^{ai}
San Juan River at Rosa, N. Mex.....	1,990	(1920-30) ^a ; (1920-24; 1924-25**; 1926-30) ⁱ ; 1930-
San Juan River at Turley, N. Mex.....	-	1907-8.
San Juan River near (at) Blanco, N. Mex.....	13,560	1908-9; 1910*; (1927-30) ⁱ ; 1930-
San Juan River near (at) Bloomfield, N. Mex.....	4,830	1909-11; (1927-31) ⁱ .
San Juan River at (near) Farmington, N. Mex.....	17,240	1904-6; 1912-14; (1915-18; 1921-24; 1924-25**; 1926-30) ⁱ ; 1930-
San Juan River at Ship Rock, N. Mex.....	12,900	1911; (1915-24; 1924-25**; 1926-30) ⁱ ; 1930-31; 1931-32*; 1932-
San Juan River near Bluff, Utah.....	23,000	1914-17; 1927-
West Fork San Juan River above Borns Lake, near Pagosa Springs, Colo.....	41.2	1937-
West Fork San Juan River near Pagosa Springs, Colo.....	87.9	1935-
Treasure Pass ditch from Wolf Creek to Rio Grande Basin, Colo.....	-	1947**.
Turkey Creek near Pagosa Springs, Colo.....	23.0	1937-49.
Rio Blanco near Pagosa Springs, Colo.....	58.0	1935-
Rito Blanco near Pagosa Springs, Colo.....	23.3	1935-
Navajo River at Banded Peak Ranch, near Chromo, Colo.....	69.8	1937-
Navajo River near Chromo, Colo.....	118	1935-38.
Navajo River at Chromo, Colo.....	-	1911-12.
Navajo River at Edith, Colo.....	165	1912-14; (1914-28) ^a ; (1914-24; 1924-25**; 1926-28) ⁱ ; 1935-
Little Navajo River at Chromo, Colo.....	21.9	1935-
Piedra River at Bridge ranger station, near Pagosa Springs, Colo.....	82.3	1937-41; 1946-
Piedra River near (at) Piedra, Colo.....	371	1911-12; 1939-
Piedra River at Arboles, Colo.....	650	1895-99; 1910-14; (1915-27) ^a ; (1915-24; 1924-25**; 1926-27) ⁱ .
Piedra Pass ditch from tributaries of Piedra River to Rio Grande Basin, Colo.	-	1947**.

* Only gage heights or discharge measurements or both.

** Only monthly figures of discharge or contents.

^a In reports of State engineer of Colorado.

ⁱ In reports of State engineer of New Mexico.

^j Drainage area determined by Engineering Advisory Committee for Upper Colorado Compact Commission (rounded off to 3 significant figures by Geological Survey).

Note.— Many stations operated in 1938 on ditches in the San Juan River Basin in New Mexico are not listed in this index. Records for those stations are published in Water-Supply Paper 859.

	Drainage area (square miles)	Period of Record
Colorado River tributaries--Continued.		
San Juan River tributaries--Continued.		
Piedra River tributaries--Continued.		
Williams Creek near Bridge ranger station, near Pagosa Springs, Colo.....	43.7	1937-41; 1946-49.
Squaw Pass ditch from Williams Creek to Rio Grande Basin, Colo.....	-	1947**
Weminuche Creek near Bridge ranger station near Pagosa Springs, Colo.....	53.4	1937-41; 1946-49.
Los Pinos River near Weminuche Pass, Colo.....	10	1937.
Los Pinos River below Snowslide Canyon, near Weminuche Pass, Colo.....	25.3	1937-41; 1945-
Vallecito Reservoir near Bayfield, Colo.....	-	1941**
Los Pinos River near Bayfield, Colo.....	284	(1926-33) ^a ; 1933-
Los Pinos River (Pine River) at (near) Ignacio, Colo.....	448	1899-1903; 1910-14; (1915-30) ^a ; (1915-24; 1924-25**; 1926-30) ¹ ; 1930-
Fuchs ditch from North Fork Los Pinos River to Rio Grande Basin, Colo.....	-	1947**
Raber-Lohr ditch from Rincon la Vaca Creek to Rio Grande Basin, Colo.....	-	1947**
Animas River at Howardsville, Colo.....	55.9	1936-
Animas River at Silverton, Colo.....	-	1903.
Animas River above Tacoma, Colo.....	348	1946-
Animas River at Tacoma, Colo.....	408	1908-9; 1911.
Animas River (above Lightner Creek) at Durango, Colo.....	692	1895-1900; 1901*; 1902-5; 1910*; 1911-14; (1915-16**; 1917-33) ^a ; (1915-24; 1924-25**; 1926-33) ¹ ; 1933-
Animas River (below Lightner Creek) at Durango, Colo.....	-	1910*; (1911) ^a .
Animas River near Cedar Hill, N. Mex.....	1,090	1933-
Animas River at Aztec, N. Mex.....	1,300	1904; 1907-14; (1915) ¹ .
Evaporation at Farmington, N. Mex.....	-	1914; (1915-31) ¹ .
Animas River at (near) Farmington, N. Mex.....	1,360	1904-5; 1912-14; (1915-24; 1924-25**; 1926-30) ¹ ; 1930-
Cement Creek near Silverton, Colo.....	13.5	1936-37; 1946-49.
Mineral Creek near Silverton, Colo.....	43.9	1936-49.
Cascade Creek near Tacoma, Colo.....	26.8	(1926-34) ^a ; 1934-40.
Hermosa Creek at Hermosa Park, Colo.....	37.8	1940-42.
Hermosa Creek near Hermosa, Colo.....	172	1911-14; (1920-28) ^a ; 1940-
Lightner Creek near Durango, Colo.....	66	(1927-33) ^a ; 1933-49.
Florida River near Durango, Colo.....	96	1899; 1901-3; 1910-12; (1912-24; 1927-33) ^a ; 1933-
La Plata River at Hesperus, Colo.....	37	1904; 1906; 1910; (1917-33) ^a ; 1933-
La Plata River at Colorado-New Mexico State line (near Pendleton, N. Mex.).....	331	(1920-24; 1924-25**; 1926-31) ¹ ; (1920-33) ^a ; 1933-
La Plata River at (near) La Plata, N. Mex.....	335	1905-8**; 1909-10; 1911-12*; 1913-14; (1915-24; 1924-25**; 1926*; 1927-30) ¹ ; 1930-34; 1936-37.
La Plata River near Farmington, N. Mex.....	-	1938-
Cherry Creek near Red Mesa, Colo.....	66	(1928-33) ^a ; 1933-
West Mancos River (head of Mancos River) near Mancos, Colo.....	42.1	1910-11; 1938-
Mancos River near Mancos, Colo.....	73	(1931-33) ^a ; 1933-38.
Mancos River at Mancos, Colo.....	83	1898-1901; (1921-24) ^a .
Mancos River near Towaco, Colo.....	558	(1921-33) ^a ; 1933-43.
East Mancos River near Mancos, Colo.....	11.1	1938-
Middle Mancos River near Mancos, Colo.....	13.7	1938-
McElmo Creek near Cortez, Colo.....	233	(1926-29) ^a ; 1940-43.
Montezuma Creek, North Fork (North Fork of North Montezuma Creek) (head of Montezuma Creek), at Monticello, Utah.....	10.5	1914-16.

* Only gage heights or discharge measurements or both.

** Only monthly figures of discharge or contents.

^a In reports of State engineer of Colorado.

¹ In reports of State engineer of New Mexico.

Note.- Many stations operated in 1938 on ditches in the San Juan River Basin in New Mexico are not listed in this index. Records for these stations are published in Water-Supply Paper 859.

COLORADO RIVER TRIBUTARIES

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Colorado River tributaries--Continued.	Drainage area (square miles)	Period of Record
San Juan River tributaries--Continued.		
Montezuma Creek tributaries:		
Gordon Canal near Monticello, Utah.....	-	1914-15.
Wood High-line Canal near Monticello, Utah.....	-	1914-15.
North Canal near Monticello, Utah.....	-	1914-15.
Middle Canal near Monticello, Utah.....	-	1914-16.
South Fork Montezuma Creek (South Fork of North Montezuma Creek) at Monticello, Utah.....	15	1914-15.
Pioneer Canal near Monticello, Utah.....	-	1914-15.
South Canal near Monticello, Utah.....	-	1914-16.
Christensen Canal near Monticello, Utah.....	-	1915.
Spring (Vaga) Creek near Monticello, Utah.....	8.5	1914-16.
Davenport & Campbell Canal near Monticello, Utah.....	-	1914-16.
Green Canal near Monticello, Utah.....	-	1914-16.
Verdure (South Montezuma) Creek near Verdure, Utah.....	8	1914-15.
Paria River at Lees Ferry, Ariz.....	1,570	1923-
Tropic and East Fork Canal near Tropic, Utah.....	-	1949-
Henrieville Creek near Henrieville, Utah.....	-	1950-
Little Colorado River above Lyman Reservoir, near St. Johns, Ariz.....	747	1940-
Lyman Reservoir near St. Johns, Ariz.....	790	1940-
Little Colorado River below Lyman Reservoir, near St. Johns, Ariz.....	790	1941-
Little Colorado River at St. Johns, Ariz.....	940	1906-7; 1907-8*; 1909; 1929-33; 1935-40.
Little Colorado River above Zuni River, near Hunt, Ariz.....	3,680	1940-
Little Colorado River near Hunt, Ariz.....	6,280	1929-33; 1940-
Little Colorado River at (near) Woodruff, Ariz.....	8,100	1905-7; 1908*; 1915-16*; 1916-17**; 1917-19; 1929-33; 1935-
Little Colorado River at Holbrook, Ariz.....	11,300	1905-7; 1907-9*; 1949-
Evaporation at Holbrook, Ariz.....	-	1905-9.
Little Colorado River at Grand Falls, Ariz.....	21,200	1925-49.
Little Colorado River near Cameron, Ariz.....	26,500	1947-
Lyman Canal below Lyman Dam, near St. Johns, Ariz..	-	1950-
Zuni River at Blackrock, N. Mex.....	692	1903-10†; 1910-30**.
Silver Creek near Shumway, Ariz.....	172	1942-44**; 194-
Silver Creek at Snowflake, Ariz.....	452	1906; 1907-8*.
Silver Creek (at canyon station) near Snowflake, Ariz.....	-	1906*; 1915-16*.
Silver Creek near Woodruff, Ariz.....	942	1929-33; 1935-
Show Low Creek at Show Low, Ariz.....	87	1941-44**; 1944-
Woodruff ditch near Woodruff, Ariz.....	-	1906*.
Puerco River at Gallup, N. Mex.....	558	1940-46.
Puerco River near Adamana, Ariz.....	2,760	1940-49.
Chevelon Fork below Wildcat Canyon, near Winslow, Ariz.....	275	1947-
Chevelon Fork near Winslow, Ariz.....	1,010	1905*; 1906; 1907-8*; 1915-16**; 1916-19; 1929-34; 1935-
Clear Creek below Willow Creek, near Winslow, Ariz.	321	1947-
Clear Creek near Winslow, Ariz.....	607	1906; 1907-9*; 1929-34; 1935-
Salt Creek near Winslow, Ariz.....	287	1939-41.
Moenkopi Wash near Tuba, Ariz.....	2,490	1926-
Bright Angel Creek near Grand Canyon, Ariz.....	100	1923-
Virgin River at Virgin, Utah.....	934	1909-
Virgin River at Littlefield, Ariz.....	5,090	1929-
North Fork Virgin (Mukuntuweap) River (Zion Creek) near Springdale, Utah.....	336	1913-14; 1923; 1924-
Ash Creek near New Harmony, Utah.....	146	1939-47.
Ash Creek above Toquerville, Utah.....	-	1941-42 ^d .
Ash Creek at Toquerville, Utah.....	-	1915.
Leeds (Quail) Creek near Leeds, Utah.....	-	1915-17; 1917-20*; 1920.

* Only gage heights or discharge measurements or both.

** Only monthly figures of discharge or contents.

† Only yearly figures of discharge.

^d In files of Geological Survey at Salt Lake City, Utah.

Colorado River tributaries--Continued.	Drainage area (square miles)	Period of Record
Virgin River tributaries--Continued.		
Santa Clara River (Creek) near Central, Utah.....	97	1909-30; 1938-
Santa Clara River (Creek) above Winsor Dam, near Santa Clara, Utah.....	338	1942-
Santa Clara River (Creek) at Santa Clara, Utah.....	431	1915.
Santa Clara River (Creek) near St. George, Utah.....	502	1909-13.
Santa Clara River at St. George, Utah.....	-	1950-
Town Canal at Santa Clara, Utah.....	-	1915*.
St. George and Santa Clara North Canal at Santa Clara, Utah.....	-	1915*.
St. George and Santa Clara South Canal at Santa Clara, Utah.....	-	1915*.
Muddy River near Moapa, Nev.....	k3,860	1913-17; 1918**; 1928-32**; 1948-
Muddy River above Moapa River Indian Reservation, near Moapa, Nev.....	k3,890	1914-17; 1918**.
Muddy River at railroad pumping plant, near Moapa, Nev.....	k3,900	1914-17.
Muddy River at Weiser Ranch, near Moapa, Nev.....	k4,360	1915-17.
Muddy River near Glendale, Nev.....	-	1949-
Muddy River near Logan (Moapa), Nev.....	k3,170	1904-6*; 1910; 1913-14.
Muddy River near Overton, Nev.....	k8,180	1947-
Muddy River near St. Thomas, Nev.....	k8,380	1913-16.
Meadow Valley Wash near Panaca, Nev.....	450	1944-49.
White River near Preston, Nev.....	-	1914.
Bill Williams River (Williams River) near Alamo, Ariz.....	4,730	1939-
Bill Williams River (Williams River) at Planet (near Swansea), Ariz.....	5,140	1910-12*; 1913-14**; 1914-15; 1928-46.
Santa Maria River near Alamo, Ariz.....	1,520	1939-
Date Creek near Congress, Ariz.....	127	1939-44.
Gila River near Silver City, N. Mex.....	1,600	1912-14; (1915-19) ¹ .
Gila River near Gila, N. Mex.....	1,870	1914; (1927-30) ¹ ; 1930-
Gila River near Cliff, N. Mex.....	2,780	1904-5*; 1905-6; 1907*; 1942-
Gila River near Red Rock, N. Mex.....	2,860	1908-10; 1911*; 1912-14; (1915-24; 1924-25**; 1926-30) ¹ ; 1930-
Gila River below Blue Creek, near Virden (near Duncan, and at Fuller Ranch, near Duncan, Ariz.), N. Mex.....	3,220	1914-15; 1922*; 1927-31**; 1931-
Gila River at Virden Bridge, near Duncan, Ariz.....	3,290	1923-27*; 1927-31.
Gila River at New Mexico-Arizona State line, near Virden, N. Mex.....	3,360	1939-49.
Diversions from Gila River in Duncan Valley, N. Mex.-Ariz.....	-	1936**.
Sunset Canal near Virden (Duncan, Ariz.), N. Mex...	-	1914-15**; 1922-31; 1936-38†; 1939-
Sunset Canal above N. Mex.-Ariz. State line, near Virden, N. Mex.....	-	1939-
Sunset Canal wasteway near Virden, N. Mex.....	-	1939-
Cosper and Martin Canal near Duncan, Ariz.....	-	1914-15*.
Cosper-Windham Canal near Duncan, Ariz.....	-	1914-15**; 1922-27.
Moddle Canal near Virden, N. Mex. (Duncan, Ariz.)..	-	1914-15**; 1922-31; 1936-38†; 1939-
Moddle Canal at N. Mex.-Ariz. State line, near Virden, N. Mex.....	-	1939-
Shriver Canal at Virden, N. Mex.....	-	1936-38†; 1939-48.
Valley Canal near Virden, N. Mex. (Duncan, Ariz.)..	-	1914-15**; 1923-31; 1936-38†; 1939-
Duncan Canal near Duncan, Ariz.....	-	1923-28; 1936†-
Black-McClesky Canal at Duncan, Ariz.....	-	1915*; 1923-31; 1936†-
Colmenero Canal near Duncan, Ariz.....	-	1914-15*; 1923-31; 1936†-
York Canal at York, Ariz.....	-	1914-15; 1923-31*; 1936†-
Gila River below Duncan, Ariz.....	3,600	1926-31*.
Gila River at York, Ariz.....	3,880	1923-31*.
Gila River near Clifton (at Guthrie), Ariz.....	4,040	1910-18; 1928-33; 1935-

* Only gage heights or discharge measurements or both.

** Only monthly figures of discharge or contents.

† Only yearly figures of discharge.

1 In reports of State engineer of New Mexico.

k Drainage area includes White River and Fähranagat Valleys, which are non-contributing.

Colorado River tributaries--Continued.	Drainage area (square miles)	Period of Record
Gila River below Bonita Creek, near Solomon (Solomonsville), Ariz.....	7,900	1932-33; 1935-40.
Gila River at head of Safford Valley, near Solomon (Solomonsville), Ariz.....	7,950	1914-32**; 1932-33; 1933-35**; 1935-
Gila River near Solomon (Solomonsville), Ariz.....	7,950	1914-32; 1940-
Diversions from Gila River in Safford Valley, Ariz...	-	1936**
Brown Canal (above wasteway) near Solomon (Solomonsville), Ariz.....	-	1914-15**; 1920-32; 1936†-
Brown Canal below wasteway, near Solomon (Solomonsville), Ariz.....	-	1914-15**; 1920-29**.
Brown Canal wasteway near Solomon (Solomons- ville), Ariz.....	-	1920-29.
Tidwell (Michelana) Canal near Solomon (Solomons- ville), Ariz.....	-	1914-15**; 1920-31; 1936†-
Fourness Canal near Solomon (Solomonsville), Ariz..	-	1914-15**; 1920-31; 1936†-
San Jose Canal near Solomon (Solomonsville), Ariz..	-	1914-15**; 1920-31; 1936†-
Montezuma Canal near Solomon (Solomonsville), Ariz.	-	1914-15**; 1920-31; 1936†-
Union Canal near Solomon (Solomonsville), Ariz.....	-	1914-15**; 1921-31; 1936†-
Graham Canal near Safford, Ariz.....	-	1914-15**; 1920-31; 1936†-
Oregon Canal near Thatcher, Ariz.....	-	1914-15**.
Smithville Canal near Thatcher, Ariz.....	-	1914-15**; 1920-31; 1936†-
Bryce Canal near Pima, Ariz.....	-	1914-15*.
Dodge Canal at Pima, Ariz.....	-	1914-15*.
Dodge-Nevada Canal near Pima, Ariz.....	-	1920-31; 1936†-
Nevada Canal near Pima, Ariz.....	-	1914-15**.
Curtis (Curtis-Kempton) Canal near Eden (Fairview), Ariz.....	-	1914-15**; 1920-31; 1936†-
Fort Thomas (Consolidated) Canal at Ashurst (near Fairview), Ariz.....	-	1914-15**; 1920-31; 1936†-
Gila River at Safford, Ariz.....	10,460	1940-49.
Combined flow of Gila River and canals across valley section near Thatcher, Ariz.....	-	1943-44.
Combined flow of Gila River and canals across valley section near Glenbar, Ariz.....	-	1943-44.
Gila River near Ashurst, Ariz.....	10,900	1920-33*.
Combined flow of Gila River and canals across valley section at Fort Thomas, Ariz.....	-	1943-44.
Gila River at Black Point, near Geronimo, Ariz.....	11,310	1943-45.
Gila River at Calva, Ariz.....	11,490	1929-
Gain or loss in Gila River, Thatcher to Calva, Ariz..	-	1943-44.
San Carlos Reservoir at Coolidge Dam, Ariz.....	12,890	1928-
Gila River below Coolidge Dam (at and near San Carlos), Ariz.....	12,890	1899-1905; 1910-11*; 1914-
Gila River at Winkelman, Ariz.....	13,280	1917-18; 1928-33*; 1941-
Gila River at Kelvin, Ariz.....	18,000	1911-
Gila River at Buttes, Ariz.....	18,300	1889-90; 1895-99**.
Gila River at Ashurst-Hayden Dam, near Florence, Ariz.....	18,300	1923*- 1914*.
Gila River near Florence, Ariz.....	-	1928**.
Diversions from Gila River in Pinal County, Ariz.:		
Florence-Casa Grande Canal near Florence, Ariz.....	-	1914-15**.
Florence Canal near Florence, Ariz.....	-	1914-15**.
O. T. Canal near Florence, Ariz.....	-	1914-15*.
Price & Powell ditch near Florence, Ariz.....	-	1914-15**.
Pierson-Nicholas Canal near Florence, Ariz.....	-	1940-46; 1947-
Gila River near Laveen, Ariz.....	20,200	1935-38**; 1939-
Gila River above diversions at Gillespie Dam, Ariz...	49,600	1921-
Gila River below (at) Gillespie Dam, Ariz.....	49,600	1935-41; 1941**.
Diversions from Gila River at Gillespie Dam, Ariz.:		
Gillespie Canal at Gillespie Dam, Ariz.....	-	1935-39*; 1939-41; 1941**.
Enterprise Canal at Gillespie Dam, Ariz.....	-	1913-15; 1916-17*.
Gila River near Sentinel, Ariz.....	51,600	1903-29**; 1929-
Gila River near (at) Dome (Gila City), Ariz.....	58,100	1904-7; 1908*; 1909-10; 1911*; 1912-14.
San Francisco River near (at) Alma, N. Mex.....	1,560	(1927-30) ¹ ; 1930-
San Francisco River at (dam, above) Clifton, Ariz..	2,790	1910-18; 1927-33; 1935-
Whitewater Creek near Mogollon, N. Mex.....	34	1909-14; (1915-23) ¹ .

* Only gage heights or discharge measurements or both.

** Only monthly figures of discharge or contents.

† Only yearly figures of discharge.

¹ In reports of State engineer of New Mexico.

Colorado River tributaries--Continued.	Drainage area (square miles)	Period of Record
Gila River tributaries--Continued.		
Eagle Creek near Double Circle Ranch, near Morenci, Ariz.....	377	1944-
Eagle Creek above pumping plant, near Morenci, Ariz.....	613	1944-
Willow Creek diversion from Black River, near Morenci, Ariz.....	-	1945-
Willow Creek near Point of Pines, near Morenci, Ariz.....	102	1944-
Willow Creek near Double Circle Ranch, near Morenci, Ariz.....	149	1944-
San Simon Creek near Rodeo, N. Mex.....	497	1920-25.
San Simon Creek near San Simon, Ariz.....	803	1919-25; 1931-33; 1935-41.
San Simon Creek near Solomon (Solomonsville), Ariz.	2,280	1931-32; 1935-
Cave Creek near Paradise, Ariz.....	39	1919-25.
Cave Creek Canal near Paradise, Ariz.....	-	1919-25.
East Turkey Creek at Paradise, Ariz.....	8.2	1919-25.
San Carlos River near Peridot (at San Carlos, near mouth), Ariz.....	1,040	1910-11*; 1914-15; 1929-
San Pedro River at Palominas, Ariz.....	741	1930-33; 1935-41; 1950-
San Pedro River at Charleston (near Lewis Springs) (near Fairbank), Ariz.....	1,220	1904-6; 1910-12*; 1912-26; 1926-28**; 1928-33; 1934-35**; 1935-
San Pedro River at Fairbank, Ariz.....	1,680	1926-28.
San Pedro River near Redington, Ariz.....	2,940	1943-47; 1950-
San Pedro River near Mammoth, Ariz.....	3,610	1931-41.
San Pedro River at Winkelman (Dudleyville), Ariz...	4,480	1890**; 1928-41*.
Aravaipa Creek near Feldman, Ariz.....	538	1919-21; 1931-41.
Queen Creek at Whitlow dam site, near Superior, Ariz.....	143	1896**; 1897-99†; 1915*; 1915-20**; 1948-
Queen Creek near Florence Junction, Ariz.....	191	1939-41.
Santa Cruz River near Lochiel, Ariz.....	83	1950-
Santa Cruz River near Nogales, Ariz.....	542	1907*; 1909-12*; 1913-22; 1930-33; 1935-
Santa Cruz River at Continental, Ariz.....	1,640	1940-46.
Santa Cruz River at Tucson, Ariz.....	2,190	1905-6; 1907-9**; 1910; 1911-17**; 1918-
Santa Cruz River at Cortaro (Rillito), Ariz.....	3,520	1939-47; 1950-
Santa Cruz River near Laveen, Ariz.....	8,970	1940-46; 1947-
Nogales Wash at Nogales, Ariz.....	37	1932-34.
Soncita Creek near Patagonia, Ariz.....	210	1930-33; 1935-
Tucson Arroyo at Vine Avenue, Tucson, Ariz.....	21.5	1944-
Rillito Creek near Wrightstown, Ariz.....	221	1940-45.
Rillito Creek near Tucson, Ariz.....	916	1908-17**; 1917-
Sabino Creek at upper dam site, near Tucson, Ariz.....	28.8	1936.
Sabino Creek near Tucson, Ariz.....	35.0	1904-12**; 1932-
Pantano Wash near Tucson, Ariz.....	602	1940-41.
Black River (head of Salt River) near Fort Apache, Ariz.....	1,210	1912-15; 1915-16**; 1916-18.
Salt River near Chrysotile, Ariz.....	2,830	1924-
Salt River below mouth of Cherry Creek, near Roosevelt, Ariz.....	-	1906.
Salt River near Roosevelt, Ariz.....	4,310	1913-
Salt River at Roosevelt (near Livingstone), Ariz...	5,830	1888-1903**; 1904-7; 1910-13**.
Reservoir system on Salt River at and below Roosevelt Dam, Ariz.....	6,220	1910-34**; 1934-
Salt River 50 miles above Phoenix, Ariz.....	-	1890.
Salt River below Stewart Mountain Dam, Ariz.....	6,220	1934-
Salt River at McDowell, Ariz.....	6,280	1895-99**; 1901-3**; 1904-9; 1910**.
Salt River at Arizona Dam, Ariz.....	12,900	1888-91**; 1895**.
Diversions from Salt River at Granite Reef Dam, Ariz. (Published at 5-year intervals.).....	-	1913**.
Salt River tributaries:		
White River near McNary, Ariz.....	74	1945-
White River (North Fork of White River) at White River, Ariz.....	356	1916-22.

* Only gage heights or discharge measurements or both.

** Only monthly figures of discharge or contents.

† Only yearly figures of discharge.

	Drainage area (square miles)	Period of Record
Colorado River tributaries--Continued.		
Gila River tributaries--Continued.		
Salt River tributaries--Continued.		
White River at Fort Apache, Ariz.....	508	1912-20; 1921-22.
White River at Wanslee's ranch, near Fort Apache, Ariz.....	-	1917-18.
East Fork White River at Fort Apache, Ariz.....	145	1912-20.
Tonto Creek above Gun Creek, near Roosevelt, Ariz.....	678	1940-
Tonto Creek near Roosevelt, Ariz.....	841	1913-40.
Tonto Creek at Roosevelt, Ariz.....	1,050	1901-3; 1904*.
Verde River near Clarkdale, Ariz.....	3,530	1915-21.
Verde River at Camp Verde, Ariz.....	4,220	1912*; 1913-20.
Verde River near Camp Verde, Ariz.....	5,000	1934-45.
Verde River at Childs, near Camp Verde, Ariz.....	5,090	1911-12*; 1913-14; 1914-17*.
Verde River below East Verde River, near Pine, Ariz.....	5,610	1934-41.
Verde River below Tangle Creek, above Horseshoe Dam, Ariz.....	5,860	1945-
Verde River above Bartlett Reservoir, near Cave Creek, Ariz.....	6,040	1938-45.
Reservoir system on Verde River at and below Horseshoe Dam, Ariz. (Bartlett Reservoir at Bartlett Dam).....	6,160	1939-
Verde River (above Camp Creek) below Bartlett Dam (near McDowell), Ariz.....	6,160	1888-1903**; 1904-
Diversion for city of Phoenix from Verde River, at McDowell, Ariz..... (Published at 5-year intervals.)	-	1922*-
Granite Creek near Prescott, Ariz.....	39	1932-41; 1941-44**; 1944-47.
Willow Creek near Prescott, Ariz.....	22	1932-37.
Oak Creek near Cornville, Ariz.....	357	1940-45; 1948-
Beaver Creek at Camp Verde, Ariz.....	413	1912-20.
Fossil Creek near Camp Verde, Ariz.....	93	1913*.
Agua Fria River near Mayer, Ariz.....	588	1940-
Agua Fria River at Lake Pleasant Dam (near Glendale), Ariz.....	1,460	1910-14*; 1914-19; 1919-24*; 1933*-
Lake Pleasant at Lake Pleasant Dam, Ariz.....	1,460	1928-37†; 1938-
Hassayampa River near Wagoner, Ariz.....	79	1940-46.
Hassayampa River near Wagoner (at Walnut Grove), Ariz.....	91	1912-15; 1915-17*; 1917-18.
Hassayampa River at Box dam site, near Wickenburg, Ariz.....	417	1938; 1946-
Hassayampa River at Wickenburg, Ariz.....	685	1910-12*.
Hassayampa River near Morristown, Ariz.....	774	1938-47.

ANIMAS CREEK BASIN

Animas Creek near Cloverdale, N. Mex.....	-	1932-33*.
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SULPHUR SPRING VALLEY

Wilcox Playa (Barren Flat) Basin:		
Grant (Post) Creek at Fort Grant, Ariz.....	12	1920.
West Turkey Creek near Light, Ariz.....	19	1919-25.
Whitewater Draw Basin: ^m		
Whitewater Draw near Rucker, Ariz.....	40	1919-25.
Whitewater Draw near Douglas, Ariz.....	1,023	1911*; 1912-19; 1919-22*; 1930-33; 1935-

* Only gage heights or discharge measurements or both.

** Only monthly figures of discharge or contents.

† Only yearly figures of discharge.

^m Empties into the Gulf of California through Yaqui River, México.

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Ward Creek, Colo.....	7	Wurtz ditch, Colo.....	4
Ward Creek, East, Colo.....	7	Yampa River, Colo.....	9
Ward Creek, West, Colo.....	7	Yellowstone Creek, Utah.....	11
Water Hollow, Utah.....	11	York Canal, Ariz.....	16
Weminuche Creek, Colo.....	14	Youngs Creek, Colo.....	7
West Divide Creek, Colo.....	5	Yuma Canal, Ariz.-Calif.....	2
West Fork or Branch. <u>See</u> name of main stream.		Yuma Main Canal, Ariz.....	2
West Mancos River, Colo.....	14	Yuma Main Canal wasteway, Ariz.....	2
West Mamm Creek, Colo.....	5	Yuma municipal supply, diversion for, Ariz. <u>See</u> Yuma Main Canal below Colorado River siphon, at Yuma, Ariz.	
West Paradox Creek, Colo.....	7	Yuma project, Ariz.-Calif., return surface flows from.....	3
West Turkey Creek, Ariz.....	19	Zion Creek. <u>See</u> Virgin River, North Fork.	
West Ward Creek, Colo.....	7	Zuni River, N. Mex.....	15
White Canyon, Utah.....	13		
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White River, East Fork, Ariz.....	19		
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