

ESTIMATES OF DISSOLVED SOLIDS AND MAJOR DISSOLVED
CONSTITUENTS FOR 70 STREAMFLOW-GAGING STATIONS
IN THE UPPER COLORADO RIVER BASIN, ARIZONA,
COLORADO, NEW MEXICO, UTAH, AND WYOMING

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CONVERSION FACTORS AND ABBREVIATED WATER-QUALITY UNIT

<i>Multiply</i>	<i>By</i>	<i>To obtain</i>
acre-foot (acre-ft)	1,233	cubic meter
foot	0.3048	meter
mile	1.60	kilometer
square mile	0.3681	square kilometer
ton	907.2	kilogram

The following term and abbreviation also are used in this report:

milligram per liter (mg/L).

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ABSTRACT

Historical estimates of dissolved solids and major dissolved constituents for 70 streamflow-gaging stations in the Upper Colorado River Basin were determined. Annual and monthly estimates were computed from the beginning of the water-quality record through water year 1983. Dissolved solids is reported as load, in tons, and as concentration, in milligrams per liter. The major dissolved constituents--calcium, magnesium, sodium plus potassium, bicarbonate (as the equivalent quantity of carbonate), chloride, and sulfate--are reported as the mass fraction of dissolved solids. Tables that list long-term mean values also are provided. The estimates are based on data retrieved from the U.S. Geological Survey data base. Daily estimates were computed by linear regression and annual and monthly estimates were summed. Dissolved-solids concentrations and mass fractions of the constituents were weighted for discharge.

INTRODUCTION

The Colorado River and its tributaries comprise one of the primary sources of water in the arid American West. The availability and quality of water have been major factors in settlement and development in the Colorado River basin and in neighboring arid regions. Much legislation and many legal agreements have been established to govern the distribution of water and to maintain water quality in the basin.

The Upper Colorado River Basin annually discharges large quantities of dissolved solids from natural sources and sources related to human activities. This dissolved-solids load is a major concern to agricultural, municipal, and industrial users in the Lower Colorado River Basin. To address the concern about dissolved solids, Congress passed the Colorado River Basin Salinity Control Act of 1974 (amended in 1985), which authorized planning and construction of salinity-control projects in the Colorado River basin.

As part of a cooperative agreement with the U.S. Bureau of Reclamation, the U.S. Geological Survey has undertaken studies to provide information that will help in evaluating and planning salinity-control needs. As a part of these studies, analysis of water-quality data, specifically dissolved solids and major dissolved constituents, from streamflow-gaging stations (hereinafter referred to as stations) in the Upper Colorado River Basin was necessary to characterize historical dissolved-solids trends. A report by Liebermann and others (1989) presents an evaluation of streamflow and dissolved solids in the Upper Colorado River Basin. To characterize these trends, compilation of selected water-quality data was necessary, and individual analyses needed to be converted into annual and monthly estimates.

Purpose and Scope

This report presents estimates of the annual and monthly dissolved-solids loads and concentrations and the mass fractions of six major dissolved constituents from the beginning of the water-quality record through water year 1983. Estimates are listed for 70 stations in the Upper Colorado River Basin that have adequate records of water-quality analyses. To provide an indication of the long-term character of dissolved solids, mean annual and mean monthly estimates for each station also are listed.

Description of Study Area

The Upper Colorado River Basin (fig. 1) is the area that drains into the Colorado River upstream from the Compact Point (also called Lee Ferry), a point on the river about 1.4 miles downstream from the station at Lees Ferry, Arizona (station 09380000; table 1). The Upper Colorado River Basin comprises 113,200 square miles in northeastern Arizona, western Colorado, northwestern New Mexico, eastern Utah, and southwestern Wyoming. A more detailed description of the stream system, physiography, geology, and climate of the study area is in Liebermann and others (1989).

DATA BASE

Types of Data

A data base was compiled for estimating concentrations and loads of dissolved solids and proportions of the major dissolved constituents. The term "dissolved solids" refers to the sum of the individual dissolved constituents present in water. Dissolved-solids concentration is measured as the quantity of dissolved solids present in a unit volume of water. Dissolved-solids load is computed as the product of dissolved-solids concentration and water discharge and represents the quantity of material transported downstream in solution. In this report, the unit of dissolved-solids concentration is milligrams per liter (mg/L) and the unit of dissolved-solids load is tons.

In the streams of the Upper Colorado River Basin, the major dissolved constituents are the cations calcium, magnesium, sodium plus potassium; the anions bicarbonate, chloride, and sulfate; and electrically neutral silica. Dissolved carbonate, nitrate, and organic-carbon compounds ordinarily do not occur in substantial concentrations. The mass fraction of a dissolved constituent is the proportion of that constituent to the dissolved-solids total.

Sources of Data

The principal source of the data used to derive estimates was the National Water Data Storage and Retrieval System (WATSTORE) of the U.S. Geological Survey (Hutchison, 1975). Periodic analyses of water-quality data that included dissolved-solids data and daily values of streamflow and specific conductance were retrieved from WATSTORE. Additional water-quality analyses for water years 1945, 1946, and 1947 at station 09380000, Colorado River at Lees Ferry, Ariz., were derived from published data reports and were added to the data base (U.S. Geological Survey, 1949, 1950, and 1952).

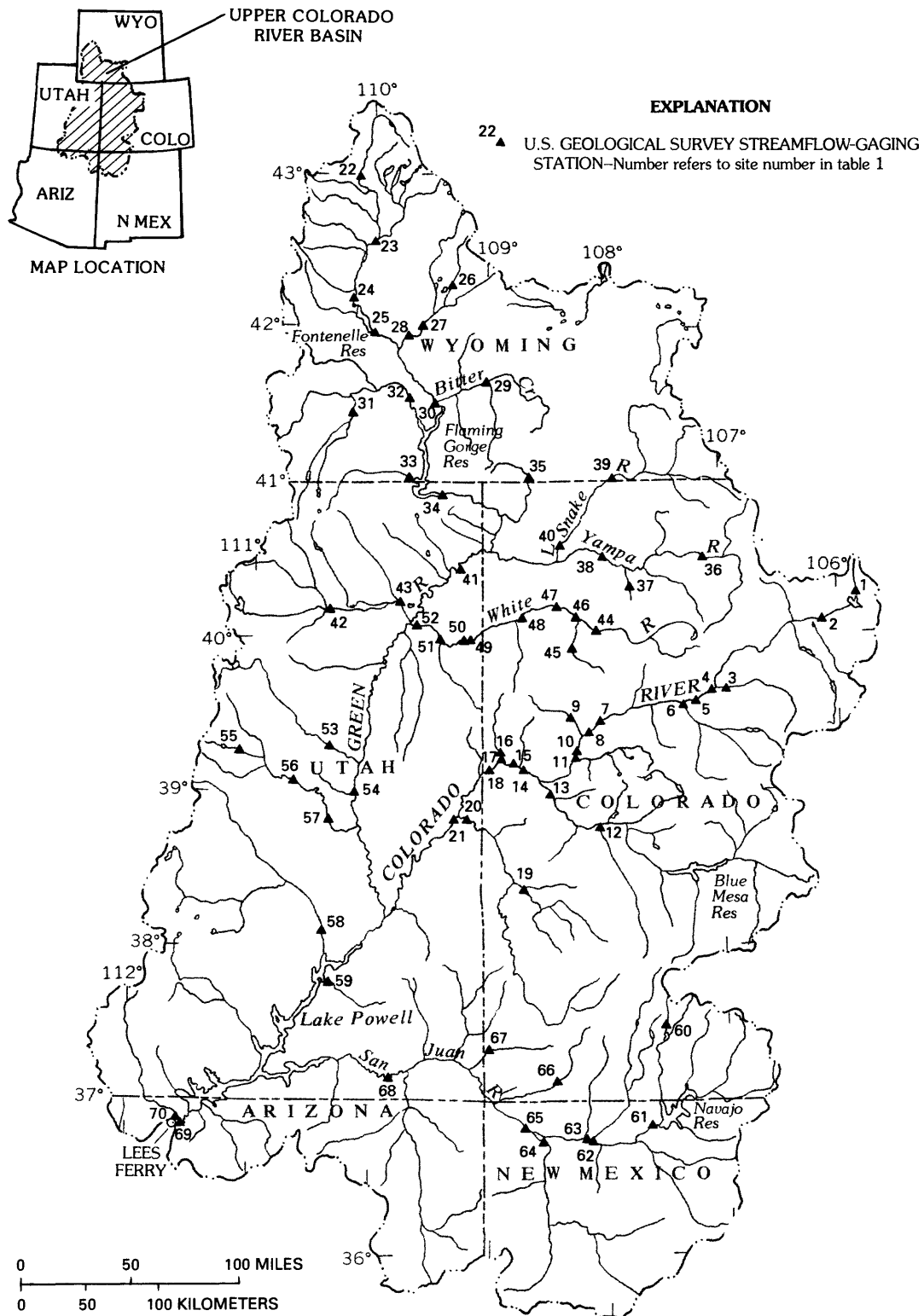


Figure 1.--Upper Colorado River Basin showing location of streamflow-gaging stations used in this study.

Selection of Stations

Seventy stations were selected for analysis. Minimum standards for computation required that a station have a sustained period of water-quality analyses that included dissolved-solids data and have a concurrent record of daily values of streamflow. Other selection criteria included the length and completeness of record, the availability of daily values of specific conductance, and a geographic location on a major stream or in an area of special interest. The selected stations are shown in figure 1 and listed in table 1.

The period of record at several stations, for some types of data, was increased for this study by combining the records of nearby stations that were considered equivalent. For example, for site 5 (station 09071100), records of daily values of streamflow from station 09072500 (water years 1942-66) and daily values of streamflow from station 09085100 minus daily values of streamflow from station 09085000 (1967-83) were used in the analyses. These stations and the records that were combined are listed in table 2, and their geographic locations are shown in figure 2.

At several stations, the flow regime changed during the period of record because of the construction of reservoirs upstream. For this reason, the annual and monthly mean values at these stations were separated into pre-reservoir and post-reservoir periods. These stations are listed in table 3.

Table 1.--Streamflow-gaging stations where annual and monthly dissolved-solids loads and concentrations were estimated

[°-min-s, degrees-minutes-seconds; NA, not applicable]

Site num-ber (fig. 1)	U.S. Geo-logical Survey station number	Station name	Latitude (°-min-s)	Longitude (°-min-s)	Elevation (feet)	Drainage area (square miles)
1	09013000	Alva B. Adams Tunnel at East Portal, near Estes Park, Colo. ¹	40-14-20	105-48-15	8,250	NA
2	09034500	Colorado River at Hot Sulphur Springs, Colo-----	40-05-00	106-05-15	7,670	825
3	09069000	Eagle River at Gypsum, Colo-----	39-39-00	106-57-06	6,276	944
4	09070500	Colorado River near Dotsero, Colo-----	39-38-40	107-04-40	6,130	4,394
5	09071100	Colorado River near Glenwood Springs, Colo-----	39-34-12	107-13-34	5,900	4,560
6	09085000	Roaring Fork River at Glenwood Springs, Colo-----	39-32-37	107-19-44	5,721	1,451
7	09093500	Parachute Creek at Parachute, Colo-----	39-27-11	108-03-33	5,100	198
8	09093700	Colorado River near De Beque, Colo-----	39-21-45	108-09-07	4,940	7,370
9	09095000	Roan Creek near De Beque, Colo-----	39-27-12	108-18-59	5,380	321
10	09095500	Colorado River near Cameo, Colo-----	39-14-20	108-16-00	4,814	8,050
11	09105000	Plateau Creek near Cameo, Colo-----	39-11-00	108-16-10	4,836	592
12	09149500	Uncompahgre River at Delta, Colo-----	38-44-31	108-04-49	4,926	1,129
13	09152500	Gunnison River near Grand Junction, Colo-----	38-59-00	108-27-00	4,628	7,928
14	09152900	Adobe Creek near Fruita, Colo-----	39-08-13	108-41-48	4,520	15
15	09153300	Reed Wash near Loma, Colo-----	39-11-01	108-47-12	4,470	29
16	09163340	Mack Wash near Mack, Colo-----	39-15-57	108-50-32	4,615	16
17	09163490	Salt Creek near Mack, Colo-----	39-13-18	108-53-32	4,440	436
18	09163500	Colorado River near Colorado-Utah State line, Colo-----	39-07-45	109-01-36	4,325	17,843
19	09177000	San Miguel River at Uravan, Colo-----	38-21-26	108-42-44	5,000	1,499
20	09180000	Dolores River near Cisco, Utah-----	38-47-50	109-11-40	4,165	4,580
21	09180500	Colorado River near Cisco, Utah-----	38-48-38	109-17-34	4,090	24,100
22	09188500	Green River at Warren Bridge, near Daniel, Wyo-----	43-01-08	110-07-03	7,468	468
23	09205000	New Fork River near Big Piney, Wyo-----	42-34-02	109-55-46	6,800	1,230
24	09209400	Green River near La Barge, Wyo-----	42-11-34	110-09-45	6,520	3,910
25	09211200	Green River below Fontenelle Reservoir, Wyo-----	42-01-16	110-02-57	6,378	4,280

Table 1.--Streamflow-gaging stations where annual and monthly dissolved-solids loads and concentrations were estimated--Continued

Site number (fig. 1)	U.S. Geological Survey station number	Station name	Latitude (°-min-s)	Longitude (°-min-s)	Elevation (feet)	Drainage area (square miles)
26	09214500	Little Sandy Creek above Eden, Wyo-----	42-14-12	109-18-44	6,750	134
27	09216000	Big Sandy River Below Eden, Wyo-----	42-00-37	109-34-57	6,450	1,610
28	09216050	Big Sandy River at Gasson Bridge, near Eden, Wyo-----	41-56-43	109-41-04	6,350	1,720
29	09216562	Bitter Creek above Salt Wells Creek, near Salt Wells, Wyo.	41-38-52	108-59-50	6,330	829
30	09217000	Green River near Green River, Wyo-----	41-30-59	109-26-54	6,060	9,740
31	09222000	Blacks Fork near Lyman, Wyo-----	41-27-08	110-10-20	6,380	821
32	09224700	Blacks Fork near Little America, Wyo-----	41-32-46	109-41-34	6,128	3,100
33	09229500	Henrys Fork near Manila, Utah-----	41-00-45	109-40-20	6,060	520
34	09234500	Green River near Greendale, Utah-----	40-54-30	109-25-20	5,594	15,090
35	09235300	Vermillion Creek near Hiawatha, Colo-----	41-00-54	108-38-39	6,610	196
36	09244410	Yampa River below diversion, near Hayden, Colo-----	40-29-18	107-09-33	6,380	1,430
37	09250600	Wilson Creek near Axial, Colo-----	40-18-56	107-47-50	6,300	20
38	09251000	Yampa River near Maybell, Colo-----	40-30-10	108-01-45	5,900	3,410
39	09259700	Little Snake River near Baggs, Wyo-----	41-00-11	107-55-11	6,050	3,020
40	09260000	Little Snake River near Lily, Colo-----	40-32-50	108-25-25	5,685	3,730
41	09261000	Green River near Jensen, Utah-----	40-24-34	109-14-05	4,758	25,400
42	09279500	Duchesne River at Duchesne, Utah-----	40-09-51	110-23-34	5,494	660
43	09302000	Duchesne River near Randlett, Utah-----	40-12-56	109-46-58	4,756	4,247
44	09304800	White River below Meeker, Colo-----	40-00-48	108-05-33	5,928	1,024
45	09306200	Piceance Creek below Ryan Gulch, near Rio Blanco, Colo.	39-55-16	108-17-49	6,070	506
46	09306222	Piceance Creek at White River, Colo-----	40-05-16	108-14-35	5,705	652
47	09306255	Yellow Creek near White River, Colo-----	40-10-07	108-24-02	5,535	262
48	09306300	White River above Rangely, Colo-----	40-06-26	108-42-44	5,270	2,773
49	09306430	Evacuation Creek near Watson, Utah-----	39-57-08	109-09-31	5,050	284
50	09306500	White River near Watson, Utah-----	39-58-46	109-10-41	4,947	4,020
51	09306850	Bitter Creek at mouth, near Bonanza, Utah-----	39-57-56	109-24-59	4,770	398
52	09306900	White River at mouth, near Ouray, Utah-----	40-03-54	109-38-06	4,655	5,120
53	09314500	Price River at Woodside, Utah-----	39-15-50	110-20-45	4,600	1,540
54	09315000	Green River at Green River, Utah-----	38-59-10	110-09-02	4,040	40,590
55	09324500	Cottonwood Creek near Orangeville, Utah-----	39-16-00	111-07-45	6,050	208
56	09328100	San Rafael River at San Rafael Bridge Campground, near Castle Dale, Utah.	39-04-51	110-39-56	5,100	1,284
57	09328500	San Rafael River near Green River, Utah-----	38-51-30	110-22-10	4,190	1,628
58	09333500	Dirty Devil River above Poison Spring Wash, near Hanksville, Utah.	38-05-50	110-24-27	3,850	4,159
59	09335000	Colorado River at Hite, Utah-----	37-48-30	110-26-55	3,440	72,340
60	09352900	Vallecito Creek near Bayfield, Colo-----	37-28-39	107-32-35	7,906	72
61	09355500	San Juan River near Archuleta, N. Mex-----	36-48-05	107-41-51	5,655	3,260
62	09364500	Animas River at Farmington, N. Mex-----	36-43-17	108-12-05	5,280	1,360
63	09365000	San Juan River at Farmington, N. Mex-----	36-43-22	108-13-30	5,230	7,240
64	09367950	Chaco River near Waterflow, N. Mex-----	36-43-28	108-35-27	4,980	4,350
65	09368000	San Juan River at Shiprock, N. Mex-----	36-47-32	108-43-54	4,849	12,900
66	09370800	Mancos River near Cortez, Colo-----	37-06-27	108-27-43	5,685	302
67	09372000	McElmo Creek near Colorado-Utah State line-----	37-19-27	109-00-54	4,890	346
68	09379500	San Juan River near Bluff, Utah-----	37-08-49	109-51-51	4,048	23,000
69	09380000	Colorado River at Lees Ferry, Ariz-----	36-51-53	111-35-15	3,106	107,540
70	09382000	Paria River at Lees Ferry, Ariz-----	36-52-20	111-35-38	3,123	1,410

¹Water is diverted from Grand Lake, but streamflow is measured at East Portal in the South Platte River basin.

Table 2.--Streamflow-gaging stations used to complete missing records of streamflow, water quality, and/or specific conductance at selected sites

[Streamflow, daily values of streamflow; water quality, water-quality analyses including dissolved-solids data; conductance, daily values of specific conductance]

Site number (table 1; fig. 1)	Type of data	Streamflow-gaging station number used to complete missing records (fig. 2)	Water years estimated
5	Streamflow Streamflow	09072500 09085100 minus 09085000	1942-66 1967-83
18	Water quality Conductance	09163530 09163530	1962-69, 1975-79 1970-83
32	Water quality Water quality Streamflow	09225000 09224900 09225000	1955-59 1960-64 1955-June 1964
40	Water quality, conductance	09259950	1951-69
50	Water quality, conductance, streamflow	09306395	1979-83
66	Water quality, conductance, streamflow	09370820	June 23, 1979 through 1982

Table 3.--Stations separated into pre-reservoir and post-reservoir periods of record

Site number (table 1; fig. 1)	U.S. Geolog- ical Survey station number	Pre- reservoir period of record	Post- reservoir period of record	Name of upstream reservoir
13	09152500	1932-65	1966-83	Blue Mesa Reservoir
21	09180500	1929-65	1966-83	Blue Mesa Reservoir
30	09217000	1952-63	1964-83	Fontenelle Reservoir
34	09234500	1957-62	1965-83	Flaming Gorge Reservoir
54	09315000	1929-62	1965-83	Flaming Gorge Reservoir
61	09355500	1955-61	1964-83	Navajo Reservoir
68	09379500	1928-61	1964-83	Navajo Reservoir
69	09380000	1942-62	1966-80	Lake Powell

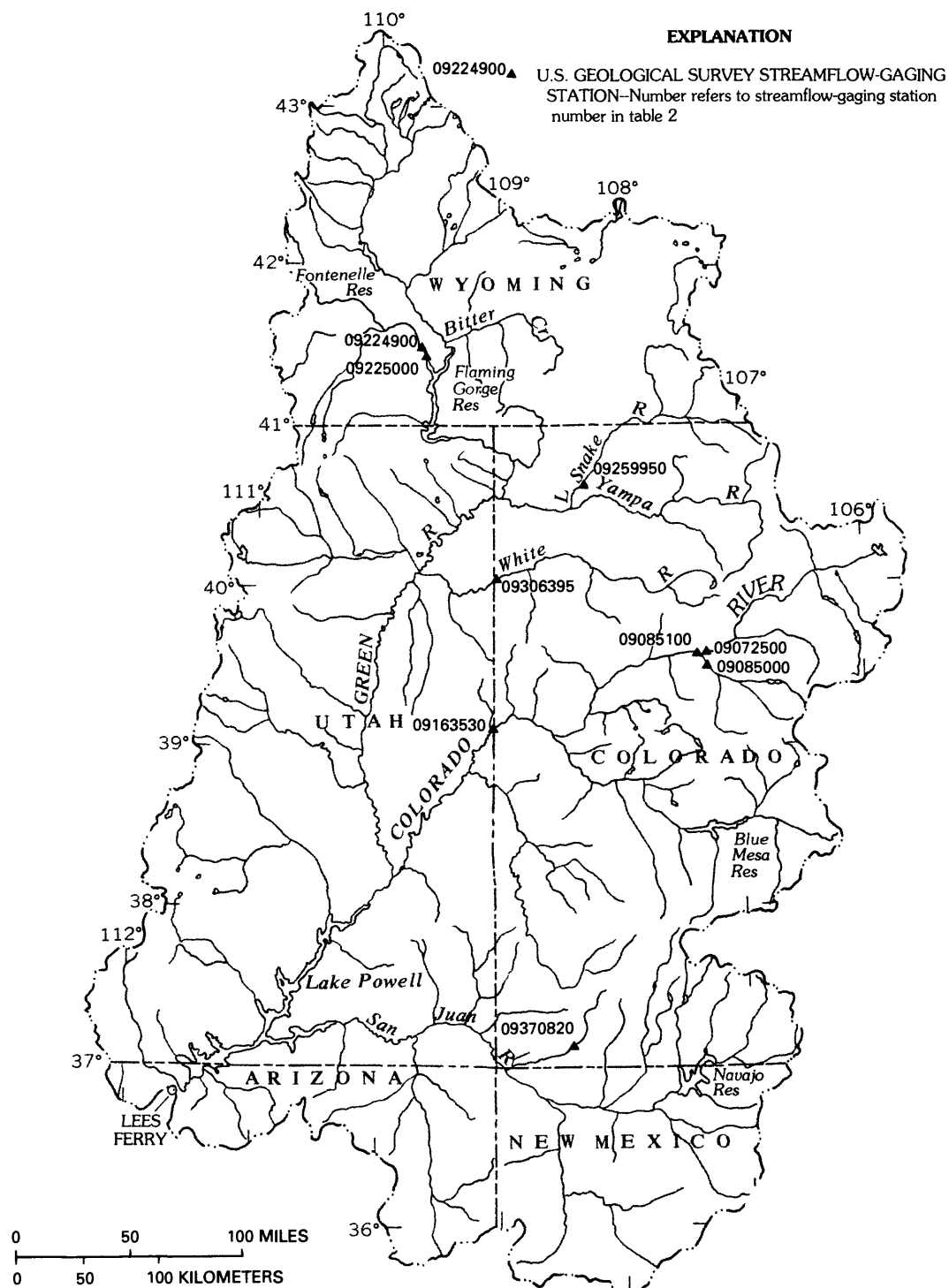


Figure 2.--Upper Colorado River Basin showing location of streamflow-gaging stations used to complete missing records of streamflow, water quality, and/or specific conductance.

METHOD OF ESTIMATION

Annual and monthly dissolved-solids concentrations and loads and mass fractions of major dissolved constituents were estimated for each station using the computerized method described by Liebermann and others (1987). The method consists of three computer programs; a summary of these three programs follows.

Program FLAGIT

Periodic analyses of water quality and daily values of streamflow and specific conductance were retrieved from WATSTORE and stored as computerized Statistical Analysis System (SAS)¹ data sets (SAS Institute, 1982). Dissolved-solids concentration was computed by summing the concentrations of the dissolved constituents: calcium, magnesium, sodium plus potassium, bicarbonate, carbonate, chloride, sulfate, and silica. Sodium and potassium concentrations were summed and reported as sodium plus potassium. The bicarbonate was converted to the equivalent quantity of carbonate that would be present in the residue left by evaporation of the solution. If bicarbonate and carbonate were not reported, the carbonate equivalent of alkalinity was used. In this report, carbonate equivalent refers to either alkalinity or the sum of carbonate and bicarbonate expressed as a concentration of carbonate ions. If concentrations of dissolved constituents were not available, residue on evaporation (ROE) was substituted for dissolved-solids concentration. Inconsistent data were flagged by the program, compared with published data by the authors, and corrected if necessary.

Program DVCOND

Three stations were directly downstream from large reservoirs that completely controlled streamflow. For those stations, dissolved-solids concentration is independent of streamflow, and specific-conductance data are needed to estimate concentration accurately. Therefore, the program DVCOND was used to supply all missing values of daily specific conductance. The three stations for which the program DVCOND was used were 09234500, Green River near Greendale, Utah (downstream from Flaming Gorge Dam); 09355500, San Juan River near Archuleta, N. Mex. (downstream from Navajo Dam); and 09380000, Colorado River at Lees Ferry, Ariz. (downstream from Glen Canyon Dam).

Program SLOAD

A relation for dissolved-solids load as a power function of streamflow and specific conductance was developed from the periodic analyses of water quality. The least-squares regression coefficients from the relation were applied to the daily values of streamflow and specific conductance to estimate daily dissolved solids. For days when specific conductance was not reported, the dissolved-solids estimate was based on the relation for dissolved solids as a power function of streamflow alone. To account for changing relations

¹Use of trade names in this report is for identification purposes only and does not constitute endorsement by the U.S. Geological Survey.

throughout time, a separate regression relation was determined for each water year of record. Individual dissolved constituents were estimated by separate regressions. The daily estimates then were summed into annual and monthly estimates of dissolved-solids and constituent loads. Mass fraction of individual constituents was computed as the ratio of the constituent load to the dissolved-solids load. Daily values of streamflow also were summed into annual and monthly values. Dissolved-solids and constituent concentrations were computed as the ratio of load to streamflow multiplied by a unit conversion factor.

PRESENTATION OF ESTIMATES

The estimates of dissolved-solids loads and concentrations and mass fractions of dissolved major constituents are listed in tables 4 through 7 in the "Water-Quality Data" section at the back of this report. The mean values of the annual and monthly estimates are listed in tables 4 and 5, and the individual annual and monthly estimates are listed in tables 6 and 7. The mean values were computed based on the periods that have estimates of the major dissolved constituents. The annual data (tables 4 and 6) are based only on complete water years. The monthly data (tables 5 and 7) include data from complete and partial water years. Streamflow is included because of the close relations among discharge, load, and concentration in the Upper Colorado River Basin. All estimates of concentrations and mass fractions are weighted by streamflow. The mass fractions of the major dissolved constituents may be converted into dissolved concentrations by multiplying the mass fraction by the dissolved-solids concentration and may be converted into dissolved-constituent loads by multiplying the mass fraction by the dissolved-solids load.

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WATER-QUALITY DATA

Table 4.--Estimates of mean annual dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin

[acre-ft, acre-feet; mg/L, milligrams per liter; Ca, calcium; Mg, magnesium; NaK, sodium plus potassium; HCO₃, carbonate equivalent; Cl, chloride; SO₄, sulfate]

Site number (table 1; fig. 1)	U.S. Geological Survey station number	Period of record (complete water years)	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
				Load (tons)	Concentration (mg/L)	Ca	Mg	NaK	HCO ₃	CL	SO ₄
1	09013000	1976-83	229,300	9,035	29	0.233	0.043	0.109	0.449	0.016	0.150
2	09034500	1947-83	195,900	18,700	70	.238	.042	.107	.495	.023	.096
3	09069000	1947-83	409,800	160,300	288	.201	.040	.089	.201	.114	.364
4	09070500	1959-83	1,444,000	418,300	213	.206	.043	.092	.267	.087	.306
5	09071100	1942-49	1,844,000	578,800	231	.170	.038	.142	.217	.181	.252
	09071100	1950-83	1,553,000	564,500	267	.170	.035	.144	.213	.186	.252
6	09085000	1959-83	866,700	288,400	245	.230	.039	.088	.256	.071	.336
7	09093500	1975-82	23,000	16,510	528	.125	.077	.137	.328	.020	.313
8	09093700	1973-82	2,490,000	1,336,000	395	.138	.031	.185	.172	.242	.232
9	09095000	1975-80	42,560	32,870	568	.113	.084	.142	.352	.011	.239
10	09095500	1934-49	2,990,000	1,481,000	364	.138	.034	.168	.179	.216	.231
	09095500	1950-83	2,671,000	1,446,000	398	.140	.033	.180	.180	.228	.239
11	09105000	1969-79	124,300	57,430	340	.145	.072	.140	.427	.022	.194
12	09149500	1959-80	200,000	343,500	1,263	.149	.048	.103	.092	.011	.597
13	09152500	1934-65	1,636,000	1,357,000	610	.150	.051	.106	.134	.016	.542
	09152500	1966-83	1,691,000	1,281,000	557	.153	.054	.099	.137	.015	.541
14	09152900	1974-80	15,420	25,490	1,215	.141	.047	.127	.085	.106	.494
15	09153300	1974-83	70,340	130,300	1,362	.141	.054	.115	.080	.102	.508
16	09163340	1974-82	18,490	22,980	914	.142	.040	.140	.090	.153	.435
17	09163490	1974-83	67,940	125,400	1,357	.128	.053	.122	.077	.092	.528
18	09163500	1962-83	4,340,000	3,438,000	583	.141	.047	.134	.140	.107	.429
19	09177000	1974-79	222,900	99,870	330	.196	.058	.056	.194	.015	.481
20	09180000	1952-83	581,500	461,700	584	.105	.031	.212	.119	.286	.247
21	09180500	1929-49	5,391,000	4,255,000	580	.132	.048	.146	.139	.104	.430
	09180500	1950-65	4,595,000	3,843,000	615	.136	.044	.147	.127	.130	.416
	09180500	1966-83	4,784,000	3,677,000	565	.134	.043	.149	.143	.140	.391
22	09188500	1962-82	382,800	76,260	147	.253	.054	.022	.296	.006	.369
23	09205000	1966-83	568,300	61,860	80	.233	.047	.102	.493	.026	.099
24	09209400	1964-83	1,259,000	295,800	173	.214	.061	.075	.414	.017	.219
25	09211200	1968-83	1,260,000	376,800	220	.204	.058	.084	.366	.019	.289
26	09214500	1976-81	14,880	2,962	146	.154	.029	.174	.208	.035	.401
27	09216000	1962-81	39,830	81,820	1,511	.103	.036	.165	.068	.029	.599
28	09216050	1975-83	55,130	162,600	2,169	.086	.043	.175	.060	.019	.616
29	09216562	1976-81	4,806	8,529	1,305	.059	.051	.208	.095	.102	.485
30	09217000	1952-63	1,125,000	448,400	293	.165	.055	.111	.287	.019	.362
	09217000	1964-83	1,348,000	565,800	309	.155	.055	.115	.265	.023	.384
31	09222000	1963-83	119,000	112,900	697	.117	.038	.164	.152	.061	.468
32	09224700	1955-83	230,100	181,300	580	.131	.044	.154	.152	.068	.405
33	09229500	1958-83	62,790	52,610	616	.163	.070	.072	.191	.026	.479

34	09234500	1,387,000	701,500	372	.151	.051	.129	.235	.041	.393
	09234500	1,609,000	1,073,000	491	.138	.054	.127	.189	.038	.455
35	09235300	2,340	2,931	921	.092	.061	.169	.200	.019	.457
36	09244410	698,900	85,140	90	.199	.061	.107	.356	.034	.243
37	09250600	1,591	1,702	787	.105	.084	.138	.207	.125	.342
38	09251000	1,078,000	223,200	152	.173	.060	.112	.331	.040	.283
39	09259700	398,400	74,680	138	.203	.060	.112	.413	.022	.203
40	09260000	403,200	107,100	195	.166	.039	.147	.353	.042	.254
41	09261000	3,156,000	1,461,000	341	.142	.056	.130	.218	.044	.410
42	09279500	277,100	71,060	189	.204	.072	.061	.371	.025	.268
43	09302000	397,500	351,500	650	.112	.059	.146	.187	.065	.432
44	09304800	459,300	177,500	284	.201	.054	.081	.270	.064	.359
45	09306200	18,790	23,670	926	.086	.077	.169	.293	.015	.359
46	09306222	22,500	37,970	1,241	.051	.059	.245	.324	.030	.292
47	09306255	1,402	4,070	2,135	.014	.044	.313	.347	.054	.229
48	09306300	439,900	234,200	391	.156	.054	.129	.253	.068	.341
49	09306430	1,120	2,615	1,717	.059	.044	.206	.090	.013	.588
50	09306500	477,500	303,300	467	.155	.047	.142	.238	.108	.318
	09306500	506,500	263,000	382	.153	.056	.125	.260	.062	.344
51	09306850	1,391	12,750	6,738	.036	.060	.205	.033	.014	.653
52	09306900	514,600	300,400	429	.138	.053	.134	.260	.053	.360
53	09314500	88,790	300,400	1,991	.085	.055	.157	.080	.021	.603
54	09315000	4,091,000	2,337,000	420	.145	.052	.136	.229	.055	.382
	09315000	4,365,000	2,747,000	463	.129	.054	.136	.205	.045	.431
55	09324500	72,520	22,190	225	.203	.099	.053	.513	.023	.109
56	09328100	91,730	167,400	1,342	.098	.062	.142	.103	.017	.578
57	09328500	89,740	192,000	1,573	.098	.055	.144	.084	.018	.602
58	09333500	56,670	85,420	1,108	.158	.035	.118	.080	.097	.512
59	09335000	8,380,000	6,616,000	581	.134	.049	.144	.154	.100	.420
60	09352900	102,900	4,818	34	.258	.054	.043	.401	.021	.223
61	09355500	946,800	210,000	163	.189	.041	.119	.324	.024	.304
	09355500	835,200	188,400	166	.200	.038	.109	.311	.018	.324
62	09364500	584,600	209,300	263	.224	.031	.082	.234	.043	.386
63	09365000	1,327,000	462,000	256	.195	.028	.113	.233	.026	.406
64	09367950	30,650	33,380	801	.108	.026	.184	.083	.065	.533
65	09368000	1,440,000	633,800	324	.174	.027	.130	.194	.040	.435
	09368000	1,379,000	607,000	324	.173	.031	.124	.195	.030	.447
66	09370800	44,970	40,720	666	.139	.068	.086	.098	.012	.597
67	09372000	36,650	110,200	2,211	.124	.076	.085	.067	.021	.627
68	09379500	1,710,000	960,600	413	.172	.038	.119	.188	.028	.456
	09379500	1,545,000	981,000	467	.152	.042	.122	.176	.034	.474
69	09380000	11,520,000	8,443,000	539	.145	.045	.139	.169	.089	.413
	09380000	8,754,000	6,714,000	564	.132	.046	.146	.142	.095	.438
	09380000	11,360,000	8,039,000	520	.129	.048	.148	.149	.095	.431
70	09382000	17,400	31,620	1,337	.116	.047	.132	.082	.018	.605

Table 5.--Estimates of mean monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin

[acre-ft, acre-feet; mg/L, milligrams per liter; Ca, calcium; Mg, magnesium; NaK, sodium plus potassium; HCO₃, carbonate equivalent; Cl, chloride; SO₄, sulfate]

Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents							
		Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄		
Site 1. 09013000 Alva B. Adams Tunnel at East Portal, near Estes Park, Colo., water years 1976 through 1983.											
October	20,550	811	29	0.231	0.043	0.109	0.447	0.016	0.153		
November	20,380	813	29	.232	.043	.110	.448	.016	.151		
December	23,690	942	29	.233	.043	.108	.449	.016	.151		
January	25,370	1,017	30	.233	.043	.108	.452	.016	.148		
February	23,700	932	29	.233	.043	.108	.453	.016	.147		
March	24,730	980	29	.233	.043	.108	.451	.016	.149		
April	15,200	591	29	.235	.043	.109	.448	.016	.149		
May	13,250	508	28	.232	.042	.111	.450	.016	.148		
June	7,033	266	28	.236	.042	.111	.441	.017	.153		
July	17,080	675	29	.232	.042	.109	.450	.016	.150		
August	20,650	803	29	.231	.042	.109	.449	.016	.152		
September	17,740	697	29	.232	.043	.111	.445	.017	.153		
Site 2. 09034500 Colorado River at Hot Sulphur Springs, Colo., water years 1947 through 1983.											
October	6,500	740	84	.233	.042	.111	.501	.023	.090		
November	5,660	667	87	.233	.042	.112	.503	.023	.088		
December	5,034	602	88	.231	.042	.113	.503	.023	.088		
January	4,572	551	89	.231	.042	.113	.503	.023	.088		
February	4,278	516	89	.232	.042	.112	.503	.023	.088		
March	5,895	694	87	.236	.042	.109	.503	.022	.088		
April	16,480	1,833	83	.242	.041	.104	.501	.021	.091		
May	46,780	3,911	62	.242	.041	.105	.488	.022	.101		
June	57,020	4,607	59	.239	.042	.106	.487	.023	.104		
July	28,140	2,756	72	.239	.041	.105	.496	.022	.097		
August	10,120	1,180	86	.236	.042	.108	.504	.022	.088		
September	5,450	642	87	.231	.042	.112	.502	.023	.090		
Site 3. 09069000 Eagle River at Gypsum, Colo., water years 1947 through 1983.											
October	15,610	12,500	589	.188	.038	.100	.143	.136	.395		
November	14,200	12,050	624	.186	.037	.102	.139	.139	.395		
December	12,210	10,850	653	.181	.037	.106	.134	.148	.393		
January	11,140	9,966	658	.179	.037	.108	.133	.152	.391		
February	9,667	8,630	656	.177	.037	.109	.132	.155	.389		

March	11,300	9,651	628	.179	.038	.108	.136	.151	.389
April	20,140	10,250	374	.194	.041	.097	.175	.127	.366
May	77,530	17,130	162	.222	.044	.071	.267	.078	.317
June	136,800	24,420	131	.234	.044	.060	.298	.060	.304
July	62,370	18,870	222	.220	.042	.075	.230	.084	.349
August	23,180	14,060	446	.200	.040	.089	.164	.113	.393
September	15,670	11,940	560	.189	.038	.100	.146	.134	.392

Site 4. 09070500 Colorado River near Dotsero, Colo., water years 1959 through 1983.

October	78,350	28,920	271	.197	.041	.101	.233	.105	.323
November	66,510	25,760	285	.193	.040	.103	.225	.112	.326
December	58,800	24,140	302	.189	.039	.106	.215	.121	.330
January	56,780	23,590	306	.188	.039	.107	.213	.123	.330
February	53,180	21,770	301	.189	.039	.106	.215	.121	.329
March	65,330	25,630	288	.191	.040	.104	.223	.115	.327
April	102,600	32,460	233	.204	.042	.095	.256	.091	.312
May	260,700	57,950	164	.221	.046	.078	.318	.056	.281
June	334,800	67,490	148	.225	.047	.073	.336	.048	.271
July	182,100	47,000	190	.214	.045	.085	.290	.069	.297
August	103,200	34,240	244	.203	.043	.095	.251	.091	.317
September	81,320	29,390	266	.198	.041	.099	.237	.101	.323

Site 5. 09071100 Colorado River near Glenwood Springs, Colo., water years 1942 through 1949.

October	68,910	39,830	425	.147	.034	.168	.158	.230	.263
November	64,060	34,790	399	.145	.034	.171	.161	.234	.256
December	61,570	32,890	393	.142	.033	.174	.160	.239	.252
January	52,560	31,460	440	.137	.032	.178	.149	.252	.252
February	49,110	29,460	441	.138	.033	.176	.150	.249	.254
March	58,130	33,670	426	.140	.033	.175	.154	.243	.255
April	137,500	49,930	267	.171	.038	.144	.209	.179	.259
May	382,100	80,160	154	.200	.042	.111	.284	.120	.244
June	544,200	94,800	128	.210	.043	.097	.313	.100	.237
July	256,100	67,970	195	.188	.041	.124	.252	.144	.252
August	108,200	46,380	315	.162	.037	.152	.190	.198	.260
September	60,910	37,040	447	.144	.034	.170	.153	.237	.263

Site 5. 09071100 Colorado River near Glenwood Springs, Colo., water years 1950 through 1983.

October	79,200	41,570	386	.153	.033	.163	.172	.220	.259
November	67,760	37,120	403	.149	.032	.168	.166	.229	.256
December	60,220	34,410	420	.143	.031	.174	.159	.243	.250
January	59,100	33,130	412	.142	.031	.175	.160	.245	.246
February	54,660	29,840	401	.143	.032	.173	.162	.245	.244
March	68,210	35,630	384	.148	.032	.169	.169	.233	.249
April	110,300	44,660	298	.167	.035	.149	.205	.192	.252
May	292,500	71,360	179	.198	.040	.112	.281	.125	.243
June	379,200	82,120	159	.206	.041	.101	.300	.109	.243

Table 5.--Estimates of mean monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 5. 09071100 Colorado River near Glenwood Springs, Colo., water years 1950 through 1983--Continued									
July	191,000	63,770	246	0.183	0.037	0.130	0.232	0.156	0.262
August	108,200	49,290	335	.165	.034	.151	.191	.194	.265
September	82,600	41,580	370	.156	.033	.160	.177	.212	.261
Site 6. 09085000 Roaring Fork River at Glenwood Springs, Colo., water years 1959 through 1983.									
October	42,530	20,970	362	.219	.039	.075	.224	.086	.357
November	35,610	18,540	383	.217	.039	.075	.217	.086	.365
December	30,900	17,030	405	.215	.039	.076	.210	.088	.373
January	27,330	15,620	420	.213	.039	.075	.205	.088	.379
February	23,390	13,490	424	.212	.039	.075	.203	.087	.384
March	26,930	15,100	412	.214	.039	.074	.206	.085	.382
April	46,250	19,190	305	.227	.039	.066	.235	.071	.361
May	137,400	34,820	186	.245	.038	.058	.293	.054	.311
June	253,600	50,000	145	.253	.038	.054	.327	.046	.282
July	143,300	37,750	194	.241	.038	.064	.291	.059	.307
August	56,170	24,490	321	.225	.038	.073	.238	.080	.346
September	43,260	21,350	363	.220	.038	.075	.224	.087	.355
Site 7. 09093500 Parachute Creek at Parachute, Colo., water years 1975 through 1982.									
October	457	544	875	.108	.076	.146	.255	.022	.392
November	634	723	838	.110	.076	.146	.263	.021	.384
December	639	724	832	.110	.077	.146	.264	.021	.382
January	692	755	802	.111	.077	.146	.271	.021	.375
February	659	726	811	.111	.076	.146	.268	.020	.379
March	855	916	788	.112	.077	.145	.273	.020	.373
April	3,118	2,133	503	.129	.079	.135	.341	.020	.296
May	11,550	6,065	386	.139	.078	.128	.387	.019	.249
June	2,530	1,892	550	.125	.078	.138	.327	.020	.311
July	974	976	737	.115	.076	.144	.281	.020	.363
August	534	610	840	.109	.075	.146	.261	.020	.389
September	350	443	932	.105	.075	.147	.244	.022	.407

December	100,200	91,150	669	.113	.027	.213	.127	.294	.226
January	94,990	88,330	684	.112	.027	.214	.125	.297	.225
February	86,440	81,410	692	.116	.027	.213	.125	.295	.226
March	105,600	93,020	648	.116	.028	.210	.131	.288	.228
April	144,000	99,290	507	.128	.030	.196	.152	.261	.233
May	443,600	153,300	254	.167	.037	.150	.230	.178	.237
June	648,500	183,000	208	.182	.039	.132	.260	.150	.237
July	353,400	146,300	304	.159	.035	.161	.208	.198	.239
August	156,700	107,300	504	.130	.030	.195	.153	.258	.234
September	122,500	96,960	582	.122	.029	.204	.140	.275	.230

Site 9. 09095500 Roan Creek near De Beque, Colo., water years 1975 through 1980.

October	858	1,036	888	.093	.083	.151	.296	.012	.364
November	915	1,077	866	.094	.084	.151	.298	.012	.361
December	1,029	1,168	835	.096	.084	.150	.303	.012	.354
January	1,036	1,124	798	.098	.085	.150	.309	.012	.346
February	1,162	1,210	766	.100	.084	.149	.315	.012	.340
March	1,509	1,564	762	.100	.084	.149	.316	.012	.339
April	4,108	3,009	539	.116	.085	.141	.358	.012	.289
May	19,660	11,370	425	.129	.084	.134	.396	.010	.248
June	7,664	6,151	590	.115	.083	.142	.362	.010	.289
July	2,278	2,422	782	.099	.083	.149	.312	.011	.346
August	1,349	1,609	877	.093	.082	.151	.294	.012	.368
September	1,001	1,137	835	.095	.084	.150	.302	.012	.356

Site 10. 09095500 Colorado River near Cameo, Colo., water years 1934 through 1949.

October	114,000	108,800	702	.114	.032	.194	.131	.253	.242
November	100,400	98,420	721	.114	.033	.200	.132	.265	.246
December	91,790	96,410	772	.110	.032	.203	.126	.273	.244
January	82,250	91,870	821	.106	.032	.208	.120	.281	.243
February	76,200	83,260	803	.106	.031	.206	.120	.280	.241
March	93,600	97,890	769	.106	.031	.198	.120	.266	.237
April	204,000	125,100	451	.132	.034	.171	.164	.221	.232
May	705,000	224,100	234	.165	.035	.121	.235	.142	.204
June	874,200	223,600	188	.187	.038	.119	.275	.138	.213
July	373,300	156,500	308	.163	.038	.155	.221	.193	.236
August	159,500	119,500	551	.139	.036	.187	.170	.241	.254
September	111,000	104,500	692	.109	.031	.187	.125	.250	.231

Site 10. 09095500 Colorado River near Cameo, Colo., water years 1950 through 1983.

October	129,700	109,200	619	.121	.030	.201	.141	.261	.247
November	114,700	102,000	654	.118	.030	.204	.135	.266	.247
December	104,300	99,450	701	.112	.029	.209	.127	.277	.246
January	98,400	91,930	687	.110	.029	.211	.125	.282	.243
February	89,500	83,190	683	.111	.029	.211	.126	.281	.243
March	109,300	97,800	658	.115	.029	.207	.131	.273	.244
April	173,200	110,500	469	.135	.032	.187	.166	.238	.242
May	493,700	175,400	261	.175	.037	.142	.249	.167	.230

Table 5.--Estimates of mean monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 10. 09095500 Colorado River near Cameo, Colo., water years 1950 through 1983--Continued									
June	706,500	200,100	208	0.188	0.039	0.128	0.280	0.144	0.221
July	351,000	150,700	316	.159	.036	.161	.213	.194	.237
August	171,700	119,900	514	.133	.032	.189	.161	.241	.244
September	128,900	105,700	603	.122	.031	.199	.143	.259	.245
Site 11. 09105000 Plateau Creek near Cameo, Colo., water years 1969 through 1979.									
October	7,707	4,394	419	.130	.076	.147	.422	.022	.203
November	6,562	3,945	442	.126	.076	.152	.417	.022	.207
December	5,681	3,645	472	.121	.077	.154	.409	.022	.217
January	5,101	3,247	468	.119	.076	.158	.405	.022	.220
February	4,620	2,999	477	.118	.076	.158	.405	.022	.221
March	6,441	3,790	433	.125	.075	.152	.411	.022	.215
April	12,530	5,695	334	.147	.071	.137	.431	.022	.192
May	29,600	9,658	240	.178	.065	.120	.451	.022	.164
June	27,000	8,920	243	.182	.065	.118	.451	.022	.163
July	7,834	4,372	410	.136	.074	.144	.420	.022	.203
August	4,932	3,251	485	.119	.076	.157	.404	.022	.222
September	6,264	3,513	412	.126	.074	.153	.415	.022	.209
Site 12. 09149500 Uncompahgre River at Delta, Colo., water years 1959 through 1980.									
October	24,600	37,310	1,115	.154	.047	.101	.099	.011	.589
November	14,560	27,860	1,407	.147	.048	.104	.088	.011	.602
December	10,280	23,270	1,664	.142	.049	.107	.081	.011	.610
January	8,739	21,260	1,789	.140	.049	.108	.078	.011	.613
February	7,473	18,780	1,848	.140	.049	.108	.077	.011	.615
March	9,229	21,300	1,697	.141	.049	.107	.080	.011	.612
April	13,910	25,770	1,363	.147	.048	.105	.088	.011	.602
May	25,030	35,530	1,044	.155	.047	.100	.100	.011	.587
June	31,770	41,040	950	.157	.047	.099	.105	.011	.581
July	17,510	29,110	1,223	.150	.048	.102	.093	.011	.596
August	14,490	27,720	1,406	.148	.048	.103	.088	.011	.602
September	22,390	34,600	1,136	.153	.047	.101	.097	.011	.591

Site 13. 09152500 Gunnison River near Grand Junction, Colo., water years 1934 through 1965.

October	63,220	122,300	1,423	.136	.052	.111	.082	.015	.605
November	67,170	110,900	1,214	.138	.052	.112	.092	.016	.591
December	57,930	93,770	1,190	.133	.053	.115	.093	.017	.589
January	51,670	82,740	1,177	.130	.054	.116	.092	.017	.590
February	49,480	75,970	1,129	.132	.054	.116	.095	.017	.586
March	58,270	79,720	1,006	.133	.054	.116	.102	.018	.578
April	167,200	100,400	442	.157	.051	.105	.168	.018	.502
May	424,000	168,700	293	.180	.048	.093	.222	.017	.440
June	419,200	180,500	317	.182	.048	.092	.215	.017	.446
July	144,700	116,700	593	.154	.051	.106	.139	.017	.533
August	74,000	113,000	1,123	.142	.052	.110	.096	.015	.584
September	55,007	108,600	1,451	.133	.052	.112	.082	.015	.606

Site 13. 09152500 Gunnison River near Grand Junction, Colo., water years 1966 through 1983.

October	104,200	121,400	856	.150	.052	.099	.112	.014	.573
November	109,300	107,300	722	.151	.053	.100	.123	.015	.558
December	126,800	98,670	572	.152	.055	.100	.140	.016	.536
January	123,700	88,940	529	.152	.055	.101	.146	.016	.530
February	104,400	76,200	537	.150	.055	.102	.145	.016	.531
March	116,900	86,380	543	.151	.055	.102	.144	.016	.531
April	145,300	84,840	429	.153	.055	.100	.161	.016	.512
May	294,700	145,500	363	.165	.054	.095	.171	.015	.502
June	264,200	146,300	407	.161	.054	.096	.160	.015	.514
July	122,400	110,500	664	.150	.053	.099	.123	.015	.561
August	83,100	96,850	857	.146	.053	.101	.112	.015	.573
September	99,300	123,000	911	.151	.052	.097	.107	.014	.578

Site 14. 09152900 Adobe Creek near Fruita, Colo., water years 1974 through 1980.

October	2,031	3,596	1,302	.142	.045	.129	.085	.116	.482
November	309	1,378	3,282	.126	.055	.121	.055	.074	.569
December	217	1,035	3,504	.124	.057	.119	.053	.067	.580
January	141	736	3,827	.122	.059	.118	.051	.062	.589
February	116	607	3,838	.121	.059	.117	.051	.061	.591
March	192	758	2,898	.124	.058	.116	.056	.066	.581
April	912	1,480	1,193	.140	.049	.122	.085	.095	.509
May	2,106	2,489	869	.149	.044	.126	.102	.109	.470
June	2,178	2,395	808	.149	.044	.127	.105	.111	.463
July	2,346	3,115	976	.148	.044	.127	.096	.113	.471
August	2,368	3,773	1,172	.146	.045	.126	.088	.112	.484
September	2,320	3,828	1,213	.146	.045	.126	.086	.113	.485

Site 15. 09153300 Reed Wash near Loma, Colo., water years 1974 through 1983.

October	10,070	19,900	1,453	.142	.053	.116	.080	.104	.505
November	1,929	7,786	2,968	.131	.061	.104	.052	.071	.582
December	1,448	5,611	2,850	.131	.062	.103	.051	.066	.587
January	689	3,751	4,002	.125	.065	.097	.042	.056	.615

Table 5.--Estimates of mean monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
		Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 15. 09153300 Reed Wash near Loma, Colo., water years 1974 through 1983--Continued										
February	527	2,848	3,975	0.126	0.066	0.096	0.042	0.054	0.616	
March	1,095	3,756	2,522	.132	.063	.101	.054	.068	.583	
April	4,599	7,356	1,176	.145	.056	.112	.085	.096	.507	
May	9,317	12,300	970	.145	.052	.118	.096	.117	.472	
June	9,544	12,980	1,000	.146	.052	.117	.095	.113	.477	
July	9,843	16,360	1,222	.144	.052	.117	.087	.109	.491	
August	10,320	18,450	1,315	.142	.052	.117	.084	.108	.497	
September	10,920	19,200	1,292	.144	.052	.117	.085	.107	.496	
Site 16. 09163340 Mack Wash near Mack, Colo., water years 1974 through 1982.										
October	4,329	4,700	798	.135	.039	.152	.099	.173	.402	
November	161	673	3,070	.166	.047	.077	.043	.057	.611	
December	127	525	3,044	.169	.047	.074	.044	.054	.613	
January	114	484	3,128	.169	.047	.072	.042	.052	.617	
February	97	402	3,038	.169	.047	.072	.043	.052	.617	
March	402	796	1,454	.150	.041	.120	.067	.124	.498	
April	2,951	3,319	827	.135	.039	.152	.095	.174	.405	
May	2,844	2,935	759	.139	.039	.152	.105	.166	.400	
June	1,639	1,835	823	.146	.041	.135	.096	.142	.441	
July	842	1,410	1,232	.151	.042	.123	.077	.122	.484	
August	948	1,518	1,178	.149	.042	.128	.080	.128	.473	
September	4,036	4,378	798	.134	.039	.157	.100	.180	.390	
Site 17. 09163490 Salt Creek near Mack, Colo., water years 1974 through 1983.										
October	11,120	18,960	1,254	.132	.052	.124	.084	.103	.505	
November	1,499	7,334	3,598	.115	.061	.117	.045	.061	.601	
December	953	5,370	4,143	.111	.061	.118	.042	.055	.613	
January	701	4,135	4,339	.110	.061	.114	.039	.050	.626	
February	743	3,946	3,907	.111	.061	.114	.042	.051	.622	
March	1,530	5,508	2,647	.117	.058	.119	.052	.065	.588	
April	6,124	10,510	1,262	.129	.052	.123	.080	.097	.519	
May	10,380	13,180	934	.132	.050	.125	.097	.102	.494	
June	8,632	11,710	997	.135	.050	.120	.091	.096	.509	
July	7,256	12,390	1,256	.133	.052	.120	.080	.093	.523	
August	7,785	14,150	1,337	.131	.052	.123	.079	.098	.518	
September	11,280	17,870	1,164	.134	.051	.123	.086	.106	.500	

Site 18. 09163500 Colorado River near Colorado-Utah State line, Colo.,
water years 1962 through 1983.

October	239,100	288,800	888	.133	.047	.136	.112	.109	.463
November	238,200	272,100	840	.134	.047	.138	.116	.111	.454
December	230,000	261,300	835	.132	.047	.141	.116	.115	.449
January	217,100	245,700	832	.130	.047	.144	.116	.119	.443
February	199,600	226,400	834	.131	.047	.143	.116	.118	.445
March	230,600	249,000	794	.132	.047	.142	.119	.118	.441
April	315,500	249,400	581	.141	.047	.139	.114	.114	.415
May	782,000	380,700	358	.161	.047	.122	.192	.091	.387
June	967,000	424,300	323	.165	.047	.118	.203	.085	.382
July	479,900	323,600	496	.148	.048	.130	.156	.100	.419
August	227,700	259,200	837	.131	.047	.141	.116	.115	.449
September	213,500	258,000	889	.131	.047	.140	.112	.114	.456

Site 19. 09177000 San Miguel River at Uravan, Colo., water years 1974 through 1979.

October	5,726	5,072	651	.175	.065	.057	.134	.014	.554
November	4,767	4,571	705	.172	.066	.057	.127	.014	.564
December	4,737	4,609	715	.171	.066	.057	.126	.014	.566
January	4,723	4,631	721	.171	.066	.057	.125	.014	.568
February	4,669	4,422	696	.173	.065	.057	.128	.014	.562
March	8,262	6,114	544	.183	.063	.057	.150	.014	.533
April	39,460	13,680	255	.210	.054	.055	.235	.017	.429
May	60,710	18,770	227	.218	.052	.054	.258	.017	.402
June	51,770	17,230	245	.216	.052	.054	.248	.017	.412
July	26,490	11,340	315	.205	.057	.056	.209	.016	.457
August	7,858	5,665	530	.182	.063	.057	.149	.014	.535
September	3,684	3,760	750	.166	.067	.057	.121	.013	.576

Site 20. 09180000 Dolores River near Cisco, Utah, water years 1952 through 1983.

October	12,170	28,610	1,728	.065	.027	.266	.044	.387	.211
November	10,160	29,250	2,117	.039	.026	.276	.035	.403	.201
December	10,010	30,380	2,231	.036	.026	.278	.033	.411	.196
January	10,150	29,590	2,144	.038	.026	.276	.034	.405	.202
February	11,940	30,690	1,890	.062	.027	.274	.039	.396	.202
March	21,200	39,950	1,386	.072	.028	.263	.053	.373	.211
April	116,640	61,570	388	.135	.034	.169	.195	.203	.264
May	182,700	67,150	270	.165	.036	.131	.227	.144	.297
June	123,700	50,630	301	.158	.036	.142	.201	.161	.301
July	39,890	35,970	663	.110	.034	.210	.100	.271	.276
August	18,520	29,300	1,164	.083	.030	.243	.061	.337	.246
September	12,250	24,060	1,445	.071	.029	.255	.051	.366	.228

Site 21. 09180500 Colorado River near Cisco, Utah, water years 1929 through 1949.

October	208,500	334,600	1,180	.113	.049	.158	.091	.114	.476
November	197,600	308,300	1,148	.113	.049	.160	.093	.117	.468
December	166,900	277,800	1,224	.107	.048	.165	.088	.126	.466

Table 5.--Estimates of mean monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 21. 09180500 Colorado River near Cisco, Utah, water years 1929 through 1949--Continued									
January	147,900	260,900	1,297	0.104	0.048	0.168	0.083	0.130	0.467
February	155,600	250,600	1,184	.108	.048	.165	.089	.126	.463
March	187,000	285,900	1,124	.110	.048	.164	.092	.124	.462
April	508,000	375,500	544	.139	.048	.143	.151	.101	.418
May	1301,000	547,700	309	.169	.046	.119	.220	.076	.370
June	1490,000	578,600	286	.173	.046	.115	.232	.072	.362
July	554,700	396,300	525	.141	.048	.141	.157	.098	.415
August	282,300	345,500	900	.123	.049	.152	.109	.109	.458
September	193,300	291,100	1,107	.111	.049	.160	.093	.117	.470
Site 21. 09180500 Colorado River near Cisco, Utah, water years 1950 through 1965.									
October	192,900	313,400	1,195	.116	.045	.163	.082	.149	.445
November	197,700	310,000	1,153	.118	.045	.162	.085	.148	.443
December	173,400	284,000	1,204	.114	.045	.164	.081	.152	.444
January	167,800	279,400	1,224	.113	.045	.164	.080	.152	.446
February	162,500	252,200	1,141	.116	.045	.162	.084	.149	.443
March	190,700	275,100	1,061	.118	.045	.161	.089	.148	.439
April	441,100	302,700	505	.147	.045	.138	.149	.120	.402
May	1006,000	439,900	321	.175	.043	.117	.210	.093	.363
June	1192,000	473,000	292	.179	.042	.113	.225	.089	.352
July	466,200	336,600	531	.145	.044	.139	.145	.121	.405
August	224,900	295,000	965	.122	.045	.157	.096	.143	.436
September	178,200	283,900	1,172	.114	.044	.163	.082	.150	.445
Site 21. 09180500 Colorado River near Cisco, Utah, water years 1966 through 1983.									
October	249,900	304,300	896	.122	.042	.162	.107	.159	.409
November	247,900	284,300	843	.124	.042	.160	.111	.157	.406
December	242,880	265,100	803	.124	.044	.159	.114	.156	.404
January	233,300	250,200	789	.124	.044	.159	.114	.157	.402
February	209,000	224,000	788	.123	.044	.159	.114	.157	.402
March	255,200	254,300	733	.126	.043	.157	.120	.152	.401
April	387,800	294,000	557	.137	.043	.147	.148	.136	.389
May	925,500	442,500	352	.156	.043	.127	.205	.106	.362
June	1071,000	461,300	317	.160	.045	.122	.217	.099	.356
July	506,400	343,900	499	.140	.044	.143	.156	.130	.386
August	235,500	273,200	853	.123	.043	.160	.109	.158	.408
September	227,600	285,700	923	.120	.043	.162	.104	.160	.411

Site 22. 09188500 Green River at Warren Bridge, near Daniel, Wyo., water years 1962 through 1982.

October	11,610	4,326	274	.247	.054	.018	.238	.004	.439
November	8,339	3,568	315	.243	.054	.017	.223	.004	.459
December	7,295	3,377	340	.240	.054	.016	.215	.004	.471
January	6,884	3,259	348	.240	.054	.016	.212	.004	.474
February	6,369	3,004	347	.240	.054	.016	.213	.004	.473
March	7,246	3,364	341	.241	.054	.016	.214	.004	.471
April	14,990	4,705	231	.249	.055	.019	.253	.005	.420
May	63,440	10,340	120	.258	.054	.025	.331	.007	.326
June	113,700	14,440	93	.259	.053	.028	.364	.008	.288
July	86,900	12,460	106	.259	.054	.026	.344	.008	.310
August	37,010	7,933	158	.257	.054	.023	.299	.006	.361
September	19,010	5,478	212	.252	.055	.020	.265	.005	.403

Site 23. 09205000 New Fork River near Big Piney, Wyo., water years 1966 through 1983.

October	25,120	3,767	110	.232	.046	.101	.491	.023	.107
November	19,570	3,213	121	.230	.047	.101	.489	.024	.109
December	15,360	2,710	130	.230	.047	.101	.488	.023	.111
January	12,720	2,359	136	.230	.047	.100	.486	.022	.115
February	12,010	2,170	133	.230	.047	.100	.485	.022	.116
March	16,780	2,779	122	.230	.047	.100	.486	.023	.113
April	28,220	4,217	110	.232	.047	.102	.487	.025	.107
May	68,560	6,562	70	.233	.047	.104	.491	.026	.099
June	191,300	14,560	56	.234	.047	.105	.495	.030	.090
July	114,600	10,650	68	.235	.047	.102	.499	.028	.089
August	39,260	5,113	96	.233	.047	.101	.495	.025	.099
September	24,840	3,754	111	.232	.046	.101	.492	.024	.105

Site 24. 09209400 Green River near La Barge, Wyo., water years 1964 through 1983.

October	52,430	15,030	211	.211	.060	.076	.381	.017	.254
November	44,290	14,460	240	.207	.060	.077	.375	.018	.262
December	33,820	11,320	246	.205	.060	.078	.365	.018	.274
January	28,900	9,853	251	.206	.059	.077	.362	.018	.278
February	27,850	9,399	248	.207	.059	.077	.364	.018	.275
March	41,240	14,260	254	.205	.060	.079	.370	.019	.267
April	82,690	26,740	238	.203	.063	.080	.389	.019	.246
May	181,700	41,860	169	.216	.063	.074	.424	.017	.206
June	366,700	70,940	142	.220	.063	.073	.452	.016	.177
July	242,900	46,310	140	.221	.061	.073	.439	.016	.191
August	97,700	21,040	158	.220	.060	.073	.409	.016	.222
September	58,300	14,620	184	.215	.060	.075	.390	.017	.244

Site 25. 09211200 Green River below Fontenelle Reservoir, Wyo., water years 1968 through 1983.

October	66,460	20,180	223	.197	.059	.089	.355	.019	.282
November	49,190	16,160	242	.192	.058	.091	.340	.019	.299
December	51,040	17,610	254	.191	.058	.091	.336	.019	.305
January	54,740	19,570	263	.193	.057	.090	.332	.019	.310

Table 5.--Estimates of mean monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 25. 09211200 Green River below Fontenelle Reservoir, Wyo., water years 1968 through 1983--Continued									
February	55,550	19,950	264	0.195	0.056	0.088	0.331	0.020	0.309
March	64,600	23,590	269	.195	.056	.088	.330	.020	.310
April	85,960	30,020	257	.199	.057	.086	.340	.021	.298
May	152,900	50,160	241	.208	.057	.080	.359	.022	.274
June	295,100	76,000	189	.215	.059	.076	.401	.020	.229
July	204,900	51,980	187	.211	.060	.080	.402	.018	.229
August	110,200	30,900	206	.202	.059	.086	.374	.018	.260
September	69,320	20,720	220	.197	.059	.089	.357	.019	.280
Site 26. 09214500 Little Sandy Creek above Eden, Wyo., water years 1976 through 1981.									
October	414	128	228	.146	.028	.173	.186	.033	.435
November	388	121	229	.146	.028	.173	.188	.033	.433
December	277	95	252	.144	.027	.173	.178	.032	.445
January	186	69	273	.142	.027	.174	.172	.032	.453
February	183	68	271	.142	.027	.174	.173	.032	.452
March	372	116	229	.145	.028	.174	.182	.033	.438
April	2,283	403	130	.157	.029	.174	.213	.035	.392
May	2,875	528	135	.156	.029	.173	.215	.035	.391
June	4,491	728	119	.158	.029	.174	.223	.036	.380
July	2,325	420	133	.156	.029	.174	.215	.036	.390
August	760	185	179	.150	.028	.173	.202	.034	.412
September	321	102	233	.146	.028	.174	.182	.033	.438
Site 27. 09216000 Big Sandy River below Eden, Wyo., water years 1962 through 1981.									
October	2,347	6,369	1,995	.102	.037	.163	.062	.026	.609
November	1,977	5,720	2,128	.102	.038	.161	.060	.026	.613
December	1,498	5,073	2,491	.101	.039	.159	.055	.024	.622
January	1,171	4,470	2,808	.101	.040	.156	.052	.023	.628
February	1,171	4,310	2,707	.101	.040	.157	.053	.024	.626
March	3,029	6,670	1,619	.102	.036	.165	.067	.029	.600
April	6,052	9,451	1,148	.101	.033	.173	.079	.035	.578
May	3,114	6,545	1,546	.102	.037	.164	.068	.027	.602
June	6,366	8,655	1,000	.105	.034	.169	.083	.029	.580
July	5,982	9,577	1,177	.104	.032	.172	.078	.031	.582
August	3,749	8,135	1,596	.103	.035	.168	.070	.029	.596
September	2,958	7,072	1,758	.103	.036	.166	.066	.028	.601

Site 28. 09216050 Big Sandy River at Gasson Bridge, near Eden, Wyo.,
water years 1975 through 1983.

October	4,019	13,640	2,495	.079	.044	.178	.058	.017	.624
November	3,028	11,650	2,828	.077	.045	.177	.053	.016	.631
December	2,447	10,690	3,210	.078	.046	.174	.049	.016	.637
January	1,890	9,542	3,713	.075	.047	.173	.045	.015	.644
February	2,014	9,002	3,287	.075	.047	.175	.048	.016	.640
March	3,522	12,400	2,589	.079	.045	.177	.056	.018	.626
April	9,275	17,390	1,378	.095	.041	.175	.071	.025	.593
May	4,570	14,280	2,298	.088	.043	.173	.060	.020	.616
June	6,549	16,280	1,828	.104	.041	.170	.066	.023	.596
July	7,961	18,160	1,677	.099	.041	.172	.070	.022	.596
August	5,237	15,350	2,155	.082	.043	.178	.061	.019	.617
September	4,614	14,250	2,270	.080	.044	.178	.060	.018	.619

Site 29. 09216562 Bitter Creek above Salt Wells Creek, Wyo., water years 1976 through 1981.

October	92	210	1,689	.056	.055	.202	.080	.108	.498
November	59	200	2,473	.052	.060	.199	.067	.114	.509
December	51	158	2,281	.067	.074	.248	.087	.138	.636
January	30	91	2,227	.089	.098	.331	.118	.186	.846
February	293	559	1,402	.058	.052	.205	.089	.104	.491
March	895	1,645	1,352	.061	.052	.205	.092	.098	.492
April	1,356	2,225	1,206	.060	.049	.210	.097	.102	.483
May	949	1,728	1,339	.059	.051	.206	.092	.103	.488
June	125	262	1,544	.061	.056	.199	.088	.100	.495
July	292	444	1,118	.059	.045	.219	.130	.097	.450
August	545	777	1,047	.061	.045	.218	.115	.096	.465
September	40	102	1,884	.057	.057	.201	.078	.106	.501

Site 30. 09217000 Green River near Green River, Wyo., water years 1952 through 1963.

October	44,660	26,630	439	.145	.054	.125	.224	.020	.432
November	37,460	24,240	476	.140	.054	.127	.212	.020	.447
December	29,270	20,470	514	.134	.053	.130	.198	.020	.465
January	27,690	18,910	502	.134	.053	.130	.199	.020	.463
February	30,610	19,810	476	.139	.054	.128	.211	.020	.449
March	53,990	32,580	444	.149	.054	.123	.231	.020	.423
April	100,800	50,550	369	.164	.056	.114	.270	.021	.376
May	180,800	64,060	261	.179	.056	.103	.324	.020	.319
June	325,200	85,530	193	.192	.056	.092	.376	.019	.265
July	170,300	51,050	220	.181	.057	.101	.337	.019	.306
August	78,260	31,010	291	.163	.057	.114	.280	.019	.366
September	42,580	22,630	391	.147	.055	.125	.233	.020	.421

Site 30. 09217000 Green River near Green River, Wyo., water years 1964 through 1983.

October	65,760	35,590	398	.143	.053	.125	.220	.024	.435
November	51,580	30,160	430	.138	.053	.128	.209	.022	.450
December	48,230	29,360	448	.134	.053	.131	.202	.023	.457

Table 5.--Estimates of mean monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
		Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 30. 09217000 Green River near Green River, Wyo., water years 1964 through 1983--Continued										
January	52,130	30,980	437	0.136	0.053	0.130	0.207	0.023	0.452	
February	53,520	30,350	417	.140	.053	.127	.214	.022	.444	
March	69,320	40,570	430	.141	.053	.127	.217	.023	.439	
April	98,150	51,600	387	.149	.054	.123	.236	.023	.414	
May	154,000	65,930	315	.161	.056	.115	.272	.022	.373	
June	311,600	96,190	227	.182	.057	.098	.334	.021	.307	
July	239,800	70,610	217	.180	.058	.099	.330	.023	.311	
August	114,500	44,140	283	.163	.056	.113	.275	.023	.370	
September	88,910	40,010	331	.156	.055	.115	.255	.023	.396	
Site 31. 09222000 Blacks Fork near Lyman, Wyo., water years 1963 through 1983.										
October	3,587	5,741	1,177	.107	.039	.167	.098	.053	.536	
November	3,586	5,491	1,126	.109	.040	.166	.102	.054	.528	
December	2,778	4,160	1,101	.112	.042	.166	.107	.054	.519	
January	2,971	3,723	921	.116	.043	.164	.127	.057	.493	
February	3,584	4,282	879	.117	.042	.165	.133	.058	.486	
March	8,110	9,268	840	.117	.039	.169	.136	.061	.478	
April	11,750	11,280	706	.119	.038	.168	.156	.069	.449	
May	22,530	13,880	453	.125	.038	.154	.224	.065	.394	
June	38,790	26,820	508	.122	.036	.160	.201	.067	.415	
July	12,640	15,060	876	.114	.038	.168	.122	.060	.498	
August	4,326	7,208	1,225	.107	.038	.169	.090	.053	.542	
September	3,253	5,354	1,210	.106	.038	.169	.092	.053	.543	
Site 32. 09224700 Blacks Fork near Little America, Wyo., water years 1955 through 1983.										
October	4,325	6,059	1,030	.100	.043	.178	.125	.065	.489	
November	4,705	6,692	1,046	.100	.043	.178	.123	.065	.491	
December	3,908	5,900	1,110	.098	.043	.179	.115	.065	.500	
January	4,292	5,774	989	.103	.044	.174	.129	.064	.487	
February	5,296	6,091	846	.111	.045	.167	.143	.064	.470	
March	18,950	16,720	649	.126	.045	.159	.178	.068	.424	
April	33,240	25,340	560	.135	.044	.153	.199	.069	.399	
May	61,990	37,330	443	.146	.045	.141	.242	.067	.360	
June	65,550	41,690	468	.149	.045	.142	.238	.069	.357	
July	17,880	17,000	699	.121	.045	.164	.176	.070	.424	
August	5,799	7,539	956	.105	.044	.175	.134	.067	.474	
September	4,854	6,079	921	.110	.045	.170	.140	.067	.468	

Site 33. 092229500 Henrys Fork near Manila, Utah, water years 1958 through 1983.

October	2,705	3,159	859	.156	.072	.072	.156	.025	.518
November	3,228	3,773	860	.157	.072	.073	.157	.025	.516
December	2,934	3,492	875	.156	.072	.073	.154	.026	.519
January	2,786	3,264	862	.156	.072	.072	.155	.025	.519
February	2,646	2,932	815	.158	.072	.073	.161	.026	.511
March	4,453	4,440	733	.160	.071	.073	.174	.026	.495
April	4,746	4,531	702	.162	.071	.073	.178	.026	.490
May	8,001	5,764	530	.166	.070	.071	.211	.026	.456
June	19,310	11,330	432	.173	.066	.070	.242	.027	.422
July	7,281	5,087	514	.166	.069	.070	.213	.025	.456
August	2,798	2,770	728	.159	.071	.070	.170	.025	.505
September	1,909	2,067	796	.156	.072	.070	.162	.025	.514

Site 34. 092344500 Green River near Greendale, Utah, water years 1957 through 1962.

October	56,550	37,080	482	.135	.051	.137	.193	.039	.444
November	48,100	32,110	491	.133	.051	.138	.188	.039	.451
December	36,270	26,070	529	.127	.051	.140	.174	.038	.470
January	32,770	23,160	520	.127	.052	.138	.175	.037	.472
February	44,860	31,470	516	.130	.051	.140	.180	.043	.455
March	93,110	62,100	490	.137	.050	.141	.195	.050	.427
April	151,500	84,320	409	.148	.051	.133	.226	.044	.398
May	228,500	103,100	332	.160	.051	.125	.261	.041	.362
June	374,200	144,200	283	.172	.049	.117	.296	.040	.325
July	187,400	80,330	315	.163	.051	.121	.268	.038	.359
August	81,250	44,110	399	.147	.052	.130	.223	.037	.411
September	53,660	34,330	470	.134	.052	.137	.195	.038	.444

Site 34. 092344500 Green River near Greendale, Utah, water years 1965 through 1983.

October	128,800	87,830	501	.137	.054	.127	.186	.038	.457
November	130,900	87,300	491	.138	.054	.127	.190	.038	.453
December	147,400	93,850	468	.141	.054	.125	.195	.038	.447
January	140,700	91,350	477	.140	.055	.126	.192	.038	.450
February	126,530	83,190	483	.139	.054	.126	.190	.037	.454
March	111,900	75,680	497	.137	.054	.127	.186	.037	.458
April	113,200	78,940	513	.136	.054	.128	.182	.038	.462
May	127,400	87,370	504	.137	.054	.127	.187	.038	.457
June	143,300	96,180	494	.138	.054	.127	.189	.037	.455
July	160,500	105,000	481	.138	.054	.126	.192	.037	.452
August	148,700	99,690	493	.137	.055	.127	.188	.038	.455
September	129,600	86,770	492	.137	.054	.127	.188	.038	.455

Site 35. 09235300 Vermillion Creek near Hiawatha, Colo., water years 1976 through 1981.

October	63	103	1,207	.090	.059	.173	.181	.021	.477
November	67	109	1,191	.090	.059	.172	.183	.021	.475
December	54	90	1,214	.090	.058	.172	.182	.021	.477
January	42	70	1,220	.090	.058	.172	.183	.021	.476

Table 5.--Estimates of mean monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concen- tration (mg/L)						
				Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 35. 09235300 Vermillion Creek near Hiawatha, Colo., water years 1976 through 1981--Continued									
February	64	102	1,173	0.091	0.059	0.172	0.185	0.021	0.474
March	217	306	1,038	.093	.059	.165	.203	.020	.459
April	526	579	809	.093	.063	.172	.197	.018	.456
May	488	578	872	.092	.063	.172	.197	.019	.457
June	239	308	947	.091	.062	.172	.195	.020	.460
July	174	210	888	.093	.061	.169	.206	.019	.452
August	309	348	828	.095	.060	.162	.227	.018	.437
September	97	129	976	.090	.060	.163	.218	.023	.445
Site 36. 09244410 Yampa River below diversion, near Hayden, Colo., water years 1975 through 1982.									
October	9,491	2,375	184	.172	.059	.129	.354	.053	.234
November	9,973	2,456	181	.173	.059	.128	.354	.052	.235
December	8,834	2,266	189	.171	.059	.129	.353	.054	.234
January	9,169	2,325	187	.171	.059	.129	.354	.054	.234
February	9,148	2,266	182	.172	.059	.128	.354	.053	.234
March	14,120	3,123	163	.177	.059	.124	.355	.049	.236
April	77,410	10,040	95	.200	.061	.106	.357	.032	.244
May	208,700	21,250	75	.210	.062	.098	.356	.026	.247
June	242,100	23,100	70	.213	.062	.096	.356	.025	.247
July	83,120	10,210	90	.201	.061	.106	.357	.032	.243
August	18,680	3,679	145	.181	.059	.121	.356	.046	.236
September	8,134	2,047	185	.171	.058	.130	.355	.055	.232
Site 37. 09250600 Wilson Creek near Axial, Colo., water years 1975 through 1980.									
October	29	52	1,317	.084	.093	.140	.184	.116	.383
November	33	58	1,284	.086	.091	.140	.187	.118	.378
December	38	64	1,243	.087	.091	.141	.189	.121	.372
January	46	73	1,159	.090	.089	.141	.192	.123	.365
February	71	78	809	.100	.087	.139	.201	.123	.351
March	59	91	1,132	.092	.089	.141	.194	.123	.362
April	100	133	980	.097	.086	.139	.200	.123	.354
May	714	566	583	.121	.078	.135	.222	.126	.319
June	305	311	750	.110	.081	.138	.212	.131	.327
July	108	138	941	.099	.086	.139	.201	.122	.353
August	50	75	1,107	.091	.090	.139	.192	.117	.371
September	39	64	1,208	.088	.090	.139	.191	.116	.376

Site 38. 09251000 Yampa River near Maybell, Colo., water years 1951 through 1983.

October	19,530	7,458	281	.139	.060	.143	.298	.064	.296
November	18,420	7,821	312	.134	.061	.145	.287	.064	.309
December	15,800	6,994	326	.132	.060	.149	.286	.067	.306
January	15,500	6,877	326	.131	.060	.149	.285	.067	.307
February	17,060	7,670	331	.132	.061	.145	.279	.062	.321
March	34,190	15,060	324	.136	.064	.133	.268	.048	.352
April	141,100	39,310	205	.167	.063	.109	.304	.032	.325
May	356,100	56,990	118	.198	.060	.094	.362	.028	.258
June	332,100	43,960	97	.203	.058	.093	.382	.029	.236
July	92,900	18,050	143	.175	.060	.113	.349	.042	.262
August	23,200	7,850	249	.144	.060	.139	.309	.061	.286
September	12,350	5,112	304	.132	.060	.149	.291	.072	.296

Site 39. 09259700 Little Snake River near Baggs, Wyo., water years 1965 through 1968.

October	5,414	2,071	281	.156	.047	.159	.330	.043	.265
November	5,080	2,152	312	.150	.046	.165	.320	.045	.273
December	5,887	2,430	304	.152	.047	.163	.324	.043	.271
January	5,485	2,318	311	.150	.047	.164	.321	.044	.273
February	5,006	2,120	311	.150	.047	.164	.321	.045	.273
March	24,490	5,654	170	.189	.048	.125	.390	.026	.221
April	47,540	9,765	151	.201	.048	.113	.411	.020	.206
May	138,500	20,680	110	.223	.048	.093	.446	.014	.177
June	130,900	19,190	108	.223	.048	.092	.446	.014	.176
July	19,380	4,809	183	.186	.048	.128	.384	.028	.226
August	3,709	1,525	302	.149	.046	.166	.318	.048	.273
September	7,022	1,966	206	.174	.047	.141	.362	.035	.241

Site 40. 09260000 Little Snake River near Lily, Colo., water years 1951 through 1983.

October	5,607	2,893	379	.133	.034	.183	.265	.058	.327
November	6,092	3,285	397	.135	.035	.183	.264	.057	.326
December	5,697	3,159	408	.135	.034	.183	.262	.058	.329
January	5,260	2,884	403	.135	.035	.182	.264	.058	.326
February	7,259	3,439	348	.142	.036	.175	.284	.055	.309
March	22,770	10,430	337	.144	.035	.175	.287	.053	.307
April	55,840	17,580	232	.157	.037	.158	.338	.045	.266
May	149,200	29,700	146	.185	.042	.124	.409	.032	.208
June	117,900	22,480	140	.189	.043	.120	.412	.032	.204
July	20,910	6,418	226	.162	.039	.151	.331	.044	.272
August	3,717	2,680	530	.110	.029	.205	.214	.068	.373
September	2,914	2,107	532	.112	.030	.215	.225	.071	.379

Site 41. 09261000 Green River near Jensen, Utah, water years 1962 through 1983.

October	151,100	97,090	472	.135	.053	.136	.199	.050	.427
November	148,900	94,000	464	.135	.053	.136	.200	.050	.426
December	158,400	98,330	456	.135	.054	.136	.200	.049	.427
January	154,800	95,680	455	.135	.054	.136	.199	.049	.426

Table 5.--Estimates of mean monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
		Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 41. 09261000 Green River near Jensen, Utah, water years 1962 through 1983--Continued										
February	156,800	94,420	443	0.137	0.054	0.136	0.202	0.048	0.424	
March	179,700	107,000	438	.137	.053	.135	.202	.048	.424	
April	307,800	147,900	353	.144	.054	.130	.219	.043	.409	
May	643,200	199,600	228	.157	.059	.120	.255	.038	.371	
June	628,000	186,600	219	.158	.059	.119	.259	.038	.368	
July	305,900	137,900	331	.144	.057	.129	.223	.043	.405	
August	179,200	110,400	453	.134	.055	.136	.198	.048	.429	
September	142,300	92,490	478	.131	.055	.138	.193	.050	.434	
Site 42. 09279500 Duschesne River at Duschesne, Utah, water years 1962 through 1969.										
October	11,390	4,158	269	.186	.077	.068	.346	.029	.294	
November	11,300	4,126	268	.186	.077	.068	.346	.029	.293	
December	11,410	4,214	272	.185	.078	.069	.345	.029	.294	
January	10,730	4,054	278	.184	.078	.069	.343	.030	.296	
February	9,717	3,659	277	.184	.078	.069	.343	.030	.296	
March	10,500	3,983	279	.184	.078	.069	.342	.030	.297	
April	15,500	4,915	233	.195	.075	.065	.359	.027	.280	
May	50,050	10,300	151	.222	.066	.053	.400	.020	.238	
June	87,540	14,940	126	.230	.064	.051	.404	.018	.233	
July	33,910	7,985	173	.210	.069	.059	.378	.023	.260	
August	14,100	4,732	247	.190	.076	.067	.351	.028	.288	
September	10,930	3,987	268	.186	.077	.069	.345	.029	.294	
Site 43. 09302000 Duschesne River near Randlett, Utah, water years 1957 through 1983.										
October	16,160	23,190	1,055	.098	.052	.166	.143	.080	.461	
November	20,660	27,850	991	.102	.054	.160	.153	.073	.458	
December	23,970	26,210	804	.109	.058	.151	.170	.068	.444	
January	24,250	23,790	721	.111	.060	.148	.177	.068	.435	
February	29,870	25,640	729	.111	.059	.148	.179	.067	.436	
March	30,500	36,650	884	.105	.058	.155	.167	.070	.446	
April	23,400	27,400	861	.104	.057	.156	.166	.071	.445	
May	52,100	39,100	552	.120	.059	.136	.208	.058	.419	
June	122,800	61,560	369	.131	.064	.119	.257	.049	.380	
July	33,540	25,540	560	.114	.061	.139	.197	.062	.428	
August	11,590	16,220	1,029	.097	.057	.161	.147	.077	.461	
September	12,730	18,310	1,057	.097	.056	.161	.147	.076	.463	

Site 44. 09304800 White River below Meeker, Colo., water years 1974 through 1983.

October	24,910	12,770	377	.189	.053	.090	.236	.075	.356
November	22,060	11,410	380	.189	.052	.091	.233	.077	.358
December	20,430	11,050	398	.186	.052	.092	.226	.080	.364
January	19,300	10,490	400	.186	.051	.093	.225	.081	.364
February	17,490	9,708	408	.185	.051	.093	.223	.081	.366
March	22,200	12,150	402	.185	.053	.092	.227	.078	.365
April	30,470	14,200	343	.194	.054	.086	.249	.068	.349
May	83,640	24,300	214	.220	.056	.069	.318	.047	.290
June	118,300	28,520	177	.228	.056	.062	.351	.039	.264
July	52,910	18,350	255	.209	.055	.076	.292	.056	.313
August	25,700	12,850	368	.190	.053	.089	.239	.073	.355
September	21,880	11,700	393	.187	.053	.091	.230	.077	.362

Site 45. 09306200 Piceance Creek below Ryan Gulch, near Rio Blanco, Colo., water years 1971 through 1983.

October	1,127	1,627	1,061	.078	.078	.176	.289	.015	.365
November	1,502	2,037	997	.082	.078	.172	.292	.015	.362
December	1,355	1,866	1,013	.080	.078	.173	.291	.015	.363
January	1,236	1,730	1,029	.079	.078	.174	.290	.015	.364
February	1,314	1,764	987	.081	.078	.173	.291	.015	.362
March	1,710	2,234	961	.084	.078	.170	.292	.015	.361
April	1,672	2,090	919	.086	.078	.169	.294	.015	.358
May	3,233	3,125	711	.103	.076	.157	.303	.016	.345
June	1,736	1,990	843	.091	.077	.165	.296	.016	.355
July	1,082	1,496	1,017	.080	.077	.173	.289	.015	.365
August	1,633	2,106	948	.085	.078	.168	.292	.015	.362
September	1,189	1,604	992	.081	.077	.172	.290	.015	.364

Site 46. 09306222 Piceance Creek at White River, Colo., water years 1971 through 1983.

October	1,386	2,822	1,498	.041	.055	.258	.332	.032	.283
November	1,856	3,415	1,353	.046	.058	.246	.326	.030	.293
December	1,635	3,051	1,372	.045	.057	.250	.329	.030	.289
January	1,507	2,862	1,397	.044	.057	.252	.330	.031	.286
February	1,639	2,841	1,274	.049	.059	.245	.327	.030	.291
March	2,215	3,745	1,243	.052	.060	.242	.323	.029	.295
April	2,122	3,268	1,132	.059	.062	.234	.319	.028	.299
May	3,688	4,391	876	.076	.066	.214	.308	.026	.311
June	2,132	3,349	1,155	.054	.058	.247	.322	.032	.287
July	1,248	2,655	1,564	.038	.053	.272	.328	.036	.274
August	1,729	2,988	1,271	.050	.059	.245	.323	.030	.293
September	1,345	2,578	1,410	.043	.056	.256	.329	.033	.282

Site 47. 09306255 Yellow Creek near White River, Colo., water years 1974 through 1982.

October	87	283	2,380	.013	.044	.314	.349	.055	.226
November	91	296	2,407	.012	.044	.315	.348	.056	.225
December	82	268	2,392	.012	.045	.314	.345	.055	.229

Table 5.--Estimates of mean monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
		Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 47. 09306255 Yellow Creek near White River, Colo., water years 1974 through 1982--Continued										
January	78	250	2,350	0.012	0.044	0.314	0.346	0.054	0.230	
February	217	388	1,314	.016	.041	.312	.344	.050	.236	
March	178	549	2,272	.016	.047	.307	.341	.054	.235	
April	126	401	2,347	.014	.045	.312	.346	.055	.228	
May	117	376	2,361	.013	.044	.313	.346	.054	.230	
June	86	284	2,428	.013	.044	.314	.348	.056	.225	
July	84	263	2,299	.015	.044	.312	.346	.057	.226	
August	70	216	2,265	.014	.043	.315	.349	.059	.220	
September	186	496	1,965	.012	.041	.318	.354	.047	.227	
Site 48. 09306300 White River above Rangely, Colo., water years 1975 through 1983.										
October	25,440	16,730	483	.148	.053	.133	.235	.074	.356	
November	23,660	15,860	493	.147	.053	.134	.233	.075	.357	
December	22,090	15,440	514	.144	.053	.136	.229	.078	.360	
January	21,650	15,340	521	.144	.053	.137	.227	.078	.361	
February	22,740	15,140	489	.147	.053	.134	.234	.075	.357	
March	27,510	17,520	468	.149	.054	.133	.238	.073	.354	
April	32,310	19,120	435	.153	.054	.130	.246	.068	.349	
May	78,380	31,920	300	.172	.055	.116	.284	.051	.321	
June	105,700	37,110	258	.180	.055	.112	.300	.045	.309	
July	47,010	22,730	356	.162	.054	.124	.264	.061	.336	
August	23,080	15,870	506	.145	.053	.137	.230	.078	.357	
September	20,860	14,820	522	.144	.053	.138	.227	.080	.359	
Site 49. 09306430 Evacuation Creek near Watson, Utah, water years 1975 through 1981.										
October	19	53	2,084	.058	.042	.213	.083	.012	.592	
November	12	39	2,303	.056	.041	.214	.079	.012	.598	
December	4	18	3,565	.046	.046	.213	.066	.014	.614	
January	19	42	1,623	.058	.044	.209	.094	.016	.578	
February	300	307	753	.074	.038	.200	.112	.027	.549	
March	99	258	1,927	.058	.044	.208	.089	.011	.591	
April	106	338	2,353	.053	.046	.208	.083	.009	.600	
May	244	630	1,898	.059	.044	.206	.089	.011	.591	
June	48	170	2,618	.053	.046	.209	.079	.010	.603	
July	93	263	2,086	.059	.042	.206	.084	.013	.596	
August	101	267	1,940	.060	.043	.207	.092	.010	.589	
September	76	229	2,215	.056	.046	.204	.088	.009	.596	

Site 50. 09306500 White River near Watson, Utah, water years 1951 through 1968.

October	25,130	19,180	561	.140	.047	.158	.209	.126	.340
November	22,880	18,150	583	.135	.046	.159	.201	.125	.338
December	21,270	17,920	619	.130	.046	.164	.194	.130	.344
January	20,430	17,210	620	.127	.045	.160	.189	.127	.338
February	22,650	18,430	598	.136	.046	.157	.202	.123	.337
March	33,910	28,990	629	.143	.046	.161	.206	.120	.355
April	36,850	28,210	563	.153	.046	.154	.230	.113	.337
May	87,720	41,710	350	.186	.048	.115	.296	.084	.278
June	108,100	45,250	308	.197	.049	.103	.320	.074	.263
July	39,290	24,030	450	.154	.047	.136	.244	.102	.303
August	28,220	23,260	606	.137	.045	.158	.209	.114	.345
September	23,740	19,020	589	.132	.044	.155	.199	.123	.327

Site 50. 09306500 White River near Watson, Utah, water years 1969 through 1983.

October	27,650	17,680	470	.146	.054	.134	.239	.070	.357
November	25,230	16,330	476	.145	.054	.132	.238	.071	.359
December	22,430	15,020	493	.144	.054	.135	.232	.075	.360
January	22,410	15,570	511	.142	.054	.137	.229	.076	.362
February	22,660	15,600	506	.141	.054	.137	.231	.072	.365
March	31,740	22,060	511	.137	.053	.142	.227	.072	.367
April	35,410	22,530	468	.136	.054	.136	.239	.067	.361
May	95,640	38,070	293	.167	.059	.108	.302	.045	.320
June	122,200	42,160	254	.177	.059	.100	.318	.041	.304
July	50,890	24,070	348	.159	.057	.119	.273	.057	.334
August	26,020	17,300	489	.142	.055	.135	.234	.070	.363
September	24,090	16,430	502	.141	.054	.137	.231	.075	.363

Site 51. 09306850 Bitter Creek at mouth, near Bonanza, Utah, water years 1975 through 1983.

October	69	928	9,924	.027	.052	.220	.028	.015	.659
November	53	8,10	13,21	.023	.048	.227	.027	.015	.659
December	34	655	4,156	.018	.041	.243	.026	.016	.656
January	35	662	3,899	.018	.041	.243	.027	.016	.656
February	111	972	6,426	.036	.058	.206	.031	.014	.654
March	105	1,155	8,125	.029	.054	.213	.030	.014	.660
April	97	1,133	8,559	.030	.055	.211	.029	.015	.661
May	139	1,336	7,082	.035	.060	.200	.032	.014	.658
June	318	1,682	3,891	.059	.079	.170	.042	.012	.638
July	114	1,049	6,763	.036	.060	.203	.034	.014	.653
August	179	1,256	5,147	.047	.069	.186	.038	.013	.647
September	138	1,111	5,931	.041	.064	.196	.035	.014	.650

Site 52. 09306900 White River at mouth, near Ouray, Utah, water years 1975 through 1983.

October	28,490	20,040	517	.131	.053	.145	.231	.060	.380
November	24,900	17,790	525	.132	.052	.145	.233	.065	.373
December	21,390	16,230	558	.129	.051	.149	.225	.068	.378
January	20,970	16,430	576	.127	.052	.150	.221	.068	.382

Table 5.--Estimates of mean monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 52. 09306900 White River at mouth, near Ouray, Utah, water years 1975 through 1983--Continued									
February	26,560	19,330	535	0.128	0.053	0.145	0.241	0.060	0.374
March	36,450	25,480	514	.130	.053	.142	.245	.056	.373
April	36,040	25,370	518	.129	.053	.144	.244	.057	.372
May	91,510	45,540	366	.144	.055	.124	.289	.043	.344
June	123,600	49,420	294	.160	.055	.110	.318	.039	.319
July	56,110	27,980	367	.149	.054	.125	.276	.050	.346
August	26,200	18,390	516	.131	.053	.144	.232	.062	.377
September	22,730	16,620	538	.130	.053	.147	.228	.065	.378
Site 53. 09314500 Price River at Woodside, Utah, water years 1949 through 1983.									
October	4,849	18,350	2,782	.075	.055	.164	.059	.020	.628
November	3,768	15,670	3,058	.074	.055	.164	.055	.019	.633
December	2,428	12,450	3,770	.063	.056	.171	.044	.020	.645
January	2,026	10,480	3,804	.063	.057	.171	.043	.020	.645
February	3,169	13,540	3,143	.071	.056	.166	.054	.020	.632
March	6,847	24,690	2,651	.077	.056	.162	.066	.020	.618
April	9,872	25,190	1,876	.093	.053	.153	.085	.021	.597
May	16,180	31,650	1,438	.099	.054	.146	.107	.021	.573
June	11,120	25,300	1,673	.090	.055	.154	.091	.021	.589
July	5,663	18,650	2,421	.079	.055	.161	.069	.021	.615
August	6,564	20,880	2,339	.079	.055	.160	.082	.020	.604
September	6,110	18,340	2,207	.083	.053	.158	.076	.020	.610
Site 54. 09315000 Green River at Green River, Utah, water years 1929 through 1962.									
October	139,500	130,200	687	.118	.052	.152	.167	.065	.446
November	133,800	126,900	697	.118	.052	.152	.166	.065	.446
December	108,500	110,600	749	.113	.052	.155	.158	.068	.454
January	104,500	103,500	729	.113	.053	.155	.161	.069	.449
February	133,100	116,200	642	.122	.053	.150	.176	.065	.434
March	244,000	204,500	616	.129	.052	.146	.182	.058	.433
April	448,300	287,900	472	.144	.052	.138	.219	.052	.394
May	914,700	385,200	310	.170	.051	.121	.287	.046	.325
June	1089,000	404,200	273	.177	.051	.116	.308	.044	.305
July	437,500	206,200	347	.158	.052	.128	.265	.053	.343
August	211,700	154,600	537	.132	.053	.144	.199	.061	.410
September	127,200	107,400	621	.122	.053	.150	.178	.066	.431

Site 54. 09315000 Green River at Green River, Utah, water years 1965 through 1983.

October	220,600	189,100	630	.121	.054	.143	.171	.048	.463
November	220,600	190,000	633	.121	.054	.143	.172	.047	.463
December	218,600	183,000	616	.121	.054	.143	.172	.048	.463
January	215,200	174,200	595	.122	.054	.143	.177	.049	.455
February	217,700	171,900	581	.123	.054	.142	.182	.048	.452
March	291,700	242,600	612	.123	.054	.141	.180	.045	.458
April	360,200	265,100	541	.127	.054	.137	.197	.044	.441
May	781,800	353,800	333	.141	.055	.124	.257	.040	.382
June	962,500	375,300	287	.147	.055	.119	.275	.038	.365
July	442,000	241,100	401	.133	.055	.132	.222	.044	.413
August	236,700	188,500	586	.123	.054	.142	.178	.048	.455
September	194,400	169,800	642	.119	.054	.144	.170	.049	.463

Site 55. 09324500 Cottonwood Creek near Orangeville, Utah, water years 1976 through 1983.

October	4,791	1,528	235	.194	.102	.058	.494	.025	.127
November	1,006	370	271	.174	.103	.068	.453	.028	.173
December	919	339	272	.173	.103	.069	.452	.028	.175
January	880	323	270	.174	.103	.068	.454	.028	.174
February	946	341	265	.176	.103	.067	.460	.027	.167
March	1,664	570	252	.187	.101	.062	.482	.025	.143
April	3,662	1,192	239	.198	.099	.057	.501	.023	.121
May	8,348	2,589	228	.202	.100	.054	.511	.023	.110
June	21,490	6,140	210	.214	.096	.047	.535	.020	.087
July	13,350	3,987	220	.207	.099	.051	.521	.022	.100
August	8,324	2,571	227	.200	.101	.055	.508	.023	.113
September	7,135	2,238	231	.200	.101	.055	.506	.023	.115

Site 56. 09328100 San Rafael River at San Rafael Bridge Campground, near Castle Dale, Utah, water years 1975 through 1983.

October	3,847	11,550	2,207	.089	.060	.147	.066	.017	.620
November	3,105	9,891	2,342	.086	.060	.150	.062	.017	.624
December	2,175	8,304	2,807	.082	.058	.154	.052	.017	.637
January	2,031	7,918	2,866	.081	.058	.155	.051	.017	.638
February	3,576	10,300	2,118	.089	.060	.149	.069	.017	.616
March	4,893	12,530	1,882	.092	.061	.147	.076	.017	.607
April	4,326	10,640	1,808	.092	.061	.148	.079	.018	.602
May	7,743	15,840	1,504	.098	.063	.143	.095	.018	.583
June	37,410	37,130	730	.116	.065	.125	.180	.017	.497
July	12,600	19,120	1,116	.105	.063	.137	.122	.018	.555
August	4,699	11,790	1,844	.093	.061	.147	.078	.018	.603
September	5,325	12,430	1,717	.094	.062	.146	.084	.018	.596

Site 57. 09328500 San Rafael River near Green River, Utah, water years 1947 through 1983.

October	3,544	12,260	2,544	.088	.054	.152	.056	.019	.632
November	3,534	12,740	2,651	.087	.054	.153	.055	.019	.633
December	2,535	10,080	2,925	.087	.054	.152	.049	.019	.639

Table 5.--Estimates of mean monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents							
		Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄		
Site 57. 09328500 San Rafael River near Green River, Utah, water years 1947 through 1983--Continued											
January	2,347	9,094	2,849	0.088	0.054	0.151	0.051	0.019	0.637		
February	3,761	11,830	2,313	.093	.054	.148	.062	.019	.624		
March	5,356	17,650	2,423	.088	.055	.151	.060	.018	.628		
April	4,566	12,530	2,017	.094	.054	.148	.067	.019	.619		
May	14,650	23,100	1,160	.108	.056	.136	.108	.018	.575		
June	31,140	38,020	898	.113	.057	.130	.137	.017	.545		
July	8,821	17,850	1,488	.098	.057	.143	.088	.018	.596		
August	5,573	15,060	1,987	.094	.055	.147	.071	.018	.615		
September	3,910	11,800	2,219	.093	.054	.147	.065	.018	.623		
Site 58. 09333500 Dirty Devil River above Poison Spring Wash, near Hanksville, Utah, water years 1969 through 1976.											
October	3,982	7,018	1,296	.156	.035	.120	.070	.096	.522		
November	5,931	8,699	1,078	.160	.035	.115	.083	.094	.513		
December	6,366	9,016	1,042	.160	.035	.116	.084	.095	.511		
January	6,319	8,988	1,046	.160	.035	.116	.082	.095	.512		
February	7,524	9,723	950	.162	.035	.113	.093	.094	.503		
March	7,944	10,350	958	.160	.035	.115	.091	.097	.502		
April	4,705	7,257	1,134	.156	.036	.120	.078	.099	.512		
May	4,379	6,571	1,103	.158	.035	.118	.083	.099	.507		
June	2,888	4,867	1,239	.154	.034	.124	.073	.102	.512		
July	2,082	3,892	1,375	.154	.035	.123	.065	.097	.526		
August	2,218	4,046	1,341	.153	.033	.126	.065	.098	.524		
September	2,335	4,988	1,571	.150	.034	.128	.056	.101	.530		
Site 59. 09335000 Colorado River at Hite, Utah, water years 1951 through 1956.											
October	309,200	433,500	1,031	.115	.048	.157	.104	.117	.459		
November	325,700	437,100	987	.117	.048	.156	.108	.115	.455		
December	302,200	431,500	1,050	.114	.048	.158	.103	.118	.460		
January	299,800	429,100	1,053	.114	.048	.158	.103	.118	.460		
February	283,600	399,900	1,037	.115	.048	.157	.104	.117	.459		
March	409,800	481,500	864	.122	.048	.153	.118	.111	.447		
April	776,300	599,400	568	.139	.049	.141	.161	.095	.414		
May	1853,000	879,300	349	.160	.049	.124	.226	.076	.365		
June	2274,000	964,200	312	.166	.049	.119	.246	.070	.350		

July	795,000	637,700	590	.140	.050	.141	.160	.094	.415
August	470,100	515,200	806	.126	.049	.151	.127	.106	.441
September	281,700	407,700	1,064	.113	.048	.158	.102	.118	.461

Site 60. 09352900 Vallecito Creek near Bayfield, Colo., water years 1963 through 1983.

October	4,389	240	40	.254	.053	.045	.409	.018	.220
November	2,326	142	45	.256	.053	.047	.410	.017	.218
December	1,517	99	48	.256	.054	.048	.409	.017	.218
January	1,169	80	50	.256	.054	.048	.408	.017	.218
February	984	68	51	.256	.054	.048	.407	.017	.219
March	1,737	110	47	.256	.053	.047	.406	.018	.220
April	5,891	307	38	.258	.055	.044	.400	.020	.224
May	23,770	1,040	32	.259	.054	.041	.394	.025	.228
June	31,240	1,290	30	.260	.054	.043	.400	.021	.222
July	15,370	704	34	.258	.054	.045	.400	.019	.223
August	7,855	400	37	.259	.053	.044	.403	.021	.220
September	6,665	339	37	.256	.053	.043	.407	.020	.221

Site 61. 09355500 San Juan River near Archuleta, N. Mex., water years 1956 through 1961.

October	37,340	11,520	227	.188	.035	.127	.295	.029	.327
November	28,720	9,203	236	.186	.033	.133	.298	.028	.322
December	18,210	6,610	267	.181	.031	.139	.285	.030	.333
January	14,470	5,890	299	.179	.031	.142	.275	.032	.342
February	24,540	10,180	305	.186	.036	.124	.277	.029	.348
March	60,660	22,620	274	.186	.040	.109	.261	.033	.369
April	144,300	34,250	175	.199	.043	.107	.324	.023	.303
May	211,000	33,340	116	.194	.042	.119	.373	.020	.253
June	198,500	27,110	100	.190	.040	.126	.389	.019	.235
July	78,020	15,700	148	.186	.042	.125	.340	.022	.285
August	57,170	15,350	197	.190	.039	.120	.313	.024	.314
September	34,680	9,156	194	.182	.033	.140	.315	.028	.301

Site 61. 09355500 San Juan River near Archuleta, N. Mex., water years 1964 through 1983.

October	58,260	12,300	155	.205	.037	.106	.316	.018	.319
November	53,560	11,350	156	.205	.037	.107	.315	.018	.319
December	66,710	14,250	157	.204	.037	.107	.319	.018	.315
January	70,900	15,400	160	.203	.037	.108	.318	.018	.316
February	65,750	14,650	164	.203	.038	.107	.317	.018	.317
March	65,470	15,220	171	.199	.038	.110	.308	.018	.327
April	74,890	18,230	179	.195	.039	.111	.301	.018	.336
May	87,450	20,860	176	.196	.039	.111	.304	.018	.332
June	83,960	19,180	168	.197	.039	.110	.309	.018	.327
July	81,310	18,470	167	.197	.039	.111	.311	.018	.324
August	67,270	15,270	167	.200	.038	.110	.310	.018	.325
September	57,920	12,840	163	.202	.037	.108	.312	.018	.323

Table 5.--Estimates of mean monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 62. 09364500 Animas River at Farmington, N. Mex., water years 1955 through 1983.									
October	23,880	13,770	424	0.208	0.031	0.094	0.204	0.052	0.410
November	20,120	12,760	466	.206	.031	.097	.196	.053	.418
December	17,870	12,230	503	.205	.031	.098	.192	.053	.421
January	16,350	11,590	521	.202	.030	.100	.187	.055	.426
February	15,780	10,970	511	.202	.031	.100	.189	.055	.423
March	25,600	15,270	439	.207	.031	.095	.202	.050	.414
April	52,830	20,360	283	.225	.032	.081	.236	.042	.384
May	130,600	33,060	186	.242	.031	.066	.274	.033	.353
June	163,400	34,490	155	.248	.032	.061	.286	.031	.342
July	66,430	19,440	215	.233	.032	.073	.251	.038	.373
August	28,400	13,700	355	.217	.031	.087	.217	.046	.402
September	23,350	11,660	367	.214	.031	.089	.214	.048	.404
Site 63. 09365000 San Juan River at Farmington, N. Mex., water years 1962 through 1982.									
October	78,650	32,900	308	.187	.026	.120	.216	.027	.424
November	68,250	27,750	299	.187	.027	.119	.215	.028	.425
December	79,950	31,150	287	.190	.028	.116	.220	.027	.420
January	84,190	33,380	292	.188	.027	.118	.219	.027	.420
February	80,380	32,040	293	.189	.027	.118	.220	.027	.419
March	88,300	37,830	315	.185	.026	.123	.215	.027	.425
April	120,500	41,360	252	.198	.027	.110	.238	.025	.402
May	207,100	56,680	201	.210	.030	.099	.264	.025	.374
June	228,600	57,170	184	.214	.031	.095	.272	.025	.363
July	131,000	41,950	236	.199	.029	.110	.240	.026	.396
August	84,680	39,720	345	.175	.024	.135	.203	.023	.439
September	75,540	30,060	293	.190	.027	.117	.220	.027	.420
Site 64. 09367950 Chaco River near Waterflow, N. Mex., water years 1977 through 1983.									
October	2,330	2,858	902	.108	.028	.183	.076	.069	.537
November	2,087	2,413	850	.100	.026	.192	.079	.063	.540
December	1,242	1,907	1,129	.106	.029	.180	.060	.066	.558
January	2,691	2,290	626	.098	.025	.191	.104	.061	.521
February	3,315	2,757	612	.095	.023	.201	.107	.060	.514
March	1,996	2,548	939	.103	.026	.188	.073	.065	.545
April	1,451	2,117	1,073	.103	.028	.185	.064	.066	.553
May	2,155	2,692	918	.104	.026	.186	.076	.064	.544
June	771	1,488	1,420	.109	.032	.171	.048	.069	.571

July	2,218	3,170	1,051	.123	.027	.168	.063	.069	.551
August	5,682	5,415	701	.134	.024	.163	.091	.071	.518
September	2,663	3,143	868	.108	.025	.183	.079	.065	.540

Site 65. 09368000 San Juan River at Shiprock, N. Mex., water years 1958 through 1961.

October	70,180	45,200	474	.163	.027	.139	.164	.043	.464
November	56,610	40,720	529	.159	.027	.142	.154	.045	.473
December	39,880	35,810	660	.149	.027	.150	.135	.047	.492
January	32,980	31,940	712	.145	.027	.153	.128	.049	.499
February	34,950	32,210	678	.148	.027	.151	.133	.048	.494
March	170,500	102,600	442	.169	.020	.144	.198	.035	.435
April	245,500	79,460	238	.193	.029	.111	.237	.035	.395
May	307,700	78,800	188	.203	.032	.100	.257	.034	.374
June	312,400	68,110	160	.208	.035	.093	.268	.034	.362
July	62,190	34,150	404	.168	.032	.130	.168	.045	.458
August	47,140	39,540	617	.153	.024	.152	.151	.043	.477
September	17,510	18,320	769	.139	.031	.151	.113	.054	.512

Site 65. 09368000 San Juan River at Shiprock, N. Mex., water years 1964 through 1983.

October	80,180	46,060	422	.164	.030	.134	.174	.031	.468
November	73,040	40,230	405	.167	.031	.129	.171	.033	.469
December	88,210	44,510	371	.170	.031	.126	.181	.032	.460
January	93,740	44,510	349	.174	.032	.123	.186	.032	.453
February	88,880	43,560	360	.172	.032	.124	.184	.032	.456
March	98,940	52,250	388	.168	.031	.129	.180	.031	.462
April	118,400	54,060	336	.173	.031	.125	.194	.030	.447
May	198,600	63,860	237	.190	.033	.107	.232	.028	.410
June	228,700	63,650	205	.196	.034	.101	.247	.027	.395
July	141,500	55,760	290	.176	.031	.121	.206	.028	.438
August	91,220	55,960	451	.154	.025	.151	.171	.028	.471
September	76,080	42,490	411	.163	.029	.134	.175	.031	.468

Site 66. 09370800 Mancos River near Cortez, Colo., water years 1977 through 1982.

October	1,018	1,926	1,391	.126	.073	.086	.071	.012	.633
November	910	2,090	1,689	.122	.074	.086	.064	.012	.642
December	771	1,899	1,812	.120	.075	.086	.061	.011	.647
January	844	2,109	1,837	.120	.075	.086	.061	.012	.647
February	1,204	2,823	1,724	.123	.073	.087	.062	.012	.643
March	3,472	6,512	1,379	.128	.071	.086	.077	.012	.625
April	8,757	5,855	492	.154	.063	.086	.123	.012	.563
May	13,590	5,457	295	.167	.058	.083	.158	.011	.523
June	8,387	3,940	345	.161	.060	.084	.143	.011	.541
July	2,838	3,807	986	.131	.069	.092	.079	.014	.616
August	1,647	2,164	966	.133	.070	.087	.082	.012	.615
September	1,531	2,135	1,026	.134	.071	.086	.085	.012	.613

Table 5.--Estimates of mean monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
		Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 67. 09372000 McElmo Creek near Colorado-Utah State line, Colo., water years 1978 through 1981.										
October	1,575	5,345	2,495	0.119	0.075	0.088	0.063	0.021	0.633	
November	1,901	6,412	2,480	.119	.076	.088	.063	.021	.634	
December	2,123	6,778	2,347	.121	.076	.087	.065	.021	.632	
January	2,247	7,288	2,385	.121	.076	.087	.065	.021	.631	
February	3,473	9,855	2,087	.127	.076	.084	.069	.021	.623	
March	6,281	17,130	2,005	.129	.076	.082	.070	.021	.622	
April	3,933	11,350	2,122	.126	.076	.083	.068	.021	.625	
May	3,236	9,727	2,210	.124	.076	.085	.067	.021	.628	
June	3,372	10,310	2,249	.124	.076	.085	.066	.021	.628	
July	3,784	11,140	2,164	.126	.076	.084	.068	.021	.625	
August	2,325	7,468	2,362	.121	.076	.086	.065	.021	.631	
September	2,400	7,386	2,263	.123	.076	.086	.067	.021	.628	
Site 68. 09379500 San Juan River near Bluff, Utah, water years 1930 through 1961.										
October	91,730	76,070	610	.159	.037	.131	.156	.029	.488	
November	56,230	51,840	678	.152	.038	.130	.136	.033	.511	
December	43,550	45,410	767	.146	.038	.133	.123	.035	.525	
January	41,250	45,320	808	.144	.038	.134	.121	.035	.528	
February	60,790	56,750	687	.152	.037	.132	.137	.032	.510	
March	99,940	80,620	593	.159	.037	.127	.154	.030	.493	
April	238,900	115,600	356	.184	.038	.113	.216	.026	.423	
May	385,800	150,400	287	.194	.037	.106	.246	.024	.392	
June	389,500	129,300	244	.200	.037	.100	.262	.024	.377	
July	149,600	75,700	372	.178	.038	.115	.198	.028	.443	
August	110,000	83,790	560	.160	.036	.127	.160	.028	.489	
September	85,320	66,120	570	.158	.037	.129	.156	.029	.490	
Site 68. 09379500 San Juan River near Bluff, Utah, water years 1964 through 1983.										
October	102,200	78,630	566	.147	.038	.132	.154	.034	.494	
November	84,280	62,340	544	.148	.042	.127	.152	.035	.495	
December	93,050	64,860	513	.151	.042	.125	.158	.035	.489	
January	97,770	66,260	498	.152	.043	.122	.162	.034	.487	
February	100,800	71,710	523	.149	.042	.123	.167	.035	.483	
March	118,700	92,990	576	.143	.041	.128	.164	.036	.488	
April	147,800	99,570	496	.147	.042	.123	.185	.036	.467	
May	215,800	111,500	380	.160	.042	.112	.206	.033	.447	
June	233,600	108,000	340	.165	.042	.109	.212	.032	.440	

July	148,000	81,370	404	.157	.043	.120	.188	.035	.457
August	108,900	76,620	518	.149	.040	.129	.164	.033	.485
September	92,890	67,200	532	.150	.040	.127	.161	.033	.488

Site 69. 09380000 Colorado River at Lees Ferry, Ariz., water years 1942 through 1962.

October	495,100	618,300	918	.126	.044	.152	.115	.103	.460
November	456,400	594,000	957	.126	.044	.152	.114	.104	.460
December	372,300	510,300	1,008	.120	.045	.156	.108	.111	.460
January	338,700	477,300	1,036	.118	.045	.157	.105	.114	.461
February	376,300	486,000	950	.124	.045	.154	.115	.109	.453
March	537,400	639,000	874	.130	.045	.151	.126	.101	.447
April	1184,000	869,200	540	.151	.046	.136	.176	.083	.408
May	2457,000	1151,000	344	.173	.046	.118	.244	.065	.354
June	3035,000	1202,000	291	.180	.045	.111	.272	.059	.332
July	1293,000	745,600	424	.158	.047	.129	.205	.080	.381
August	603,400	639,000	779	.133	.045	.148	.134	.098	.441
September	368,800	513,500	1,024	.124	.043	.154	.112	.107	.460

Site 69. 09380000 Colorado River at Lees Ferry, Ariz., water years 1966 through 1980.

October	587,800	407,900	510	.134	.046	.145	.150	.092	.434
November	611,000	429,700	517	.133	.046	.145	.148	.092	.435
December	684,400	496,500	533	.133	.046	.146	.146	.093	.436
January	756,600	563,900	548	.132	.046	.146	.144	.094	.438
February	536,200	416,400	571	.132	.046	.147	.141	.096	.439
March	593,100	499,800	620	.131	.046	.147	.136	.098	.442
April	755,900	657,000	639	.130	.046	.147	.134	.099	.443
May	793,000	663,000	615	.131	.046	.147	.137	.098	.442
June	833,200	660,600	583	.131	.046	.147	.140	.096	.439
July	904,700	684,900	557	.132	.046	.147	.143	.095	.437
August	916,600	671,900	539	.132	.046	.147	.145	.094	.435
September	779,800	545,900	515	.134	.046	.145	.149	.092	.434

Site 69. 09380000 Colorado River at Lees Ferry, Ariz., water years 1981 through 1983.

October	726,000	505,500	512	.128	.048	.150	.148	.092	.434
November	831,800	579,100	512	.129	.048	.150	.148	.093	.432
December	859,800	588,300	503	.129	.048	.149	.150	.092	.432
January	850,400	590,600	511	.129	.048	.149	.149	.093	.432
February	726,000	524,500	531	.128	.047	.149	.146	.096	.434
March	543,900	404,900	547	.127	.047	.149	.143	.096	.439
April	679,200	505,600	547	.128	.047	.148	.144	.097	.436
May	809,300	587,100	533	.128	.047	.148	.147	.096	.434
June	1492,000	1051,000	518	.130	.048	.147	.152	.098	.426
July	1671,000	1163,000	512	.130	.048	.147	.153	.096	.426
August	1218,000	870,800	526	.129	.047	.149	.149	.097	.430
September	962,600	670,900	512	.129	.048	.149	.148	.094	.432

Table 5.--Estimates of mean monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents							
		Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄		
Site 70. 09382000 Paria River at Lees Ferry, Ariz., water years 1948 through 1950.											
October	1,568	3,166	1,485	0.113	0.045	0.136	0.077	0.017	0.613		
November	1,105	1,409	938	.126	.057	.117	.104	.022	.574		
December	1,528	2,275	1,095	.122	.053	.123	.094	.020	.588		
January	1,366	1,891	1,018	.124	.055	.120	.099	.021	.581		
February	2,482	4,630	1,371	.117	.047	.131	.082	.018	.605		
March	2,003	3,136	1,151	.122	.052	.124	.092	.020	.591		
April	1,171	1,663	1,044	.124	.054	.121	.097	.021	.584		
May	349	335	705	.132	.063	.107	.121	.026	.550		
June	1,428	2,827	1,456	.115	.046	.134	.079	.017	.610		
July	1,160	2,271	1,439	.114	.045	.134	.079	.017	.610		
August	2,014	5,297	1,934	.107	.039	.145	.065	.014	.630		
September	1,223	2,721	1,635	.111	.042	.140	.072	.015	.620		

Table 6.--Estimates of annual dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin

[acre-ft, acre-feet; mg/L, milligrams per liter; Ca, calcium; Mg, magnesium; NaK, sodium plus potassium; HCO₃, carbonate equivalent; Cl, chloride; SO₄, sulfate; --, no data; blank lines indicate extensive periods of missing data]

Water Year	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
		Load (tons)	Concentration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 1. 09013000 Alva B. Adams Tunnel at East Portal, near Estes Park, Colo., water years 1976 through 1983.										
1976	256,100	9,839	28	0.240	0.043	0.103	0.433	0.018	0.164	
1977	294,400	11,760	29	.239	.043	.103	.439	.017	.159	
1978	262,700	10,830	30	.238	.044	.106	.426	.017	.168	
1979	197,300	7,497	28	.242	.044	.113	.429	.018	.155	
1980	157,400	5,876	27	.243	.045	.128	.438	.016	.131	
1981	252,600	9,609	28	.237	.044	.119	.479	.014	.107	
1982	248,500	9,967	30	.219	.042	.109	.489	.012	.128	
1983	165,800	6,902	31	.196	.039	.100	.459	.017	.189	
Site 2. 09034500 Colorado River at Hot Sulphur Springs, Colo., water years 1947 through 1983.										
1947	498,300	34,210	50	.215	.045	.137	.471	.032	.101	
1948	372,800	29,130	58	.216	.045	.134	.475	.030	.100	
1949	478,000	35,510	55	.214	.046	.130	.472	.026	.112	
1950	155,900	15,040	71	.222	.045	.117	.495	.022	.099	
1951	239,600	21,620	66	.224	.050	.099	.496	.025	.107	
1952	345,600	29,690	63	.229	.052	.103	.496	.020	.100	
1953	164,200	16,630	74	.231	.049	.107	.500	.019	.094	
1954	80,370	9,418	86	.235	.047	.108	.511	.018	.082	
1955	103,100	11,790	84	.240	.045	.104	.505	.018	.088	
1956	142,300	15,410	80	.246	.037	.107	.507	.019	.084	
1957	282,800	25,900	67	.244	.032	.116	.496	.019	.092	
1958	220,800	19,710	66	.243	.031	.120	.502	.021	.083	
1959	124,200	13,880	82	.236	.035	.120	.497	.018	.094	
1960	160,600	15,570	71	.250	.034	.109	.499	.016	.092	
1961	102,000	11,170	80	.238	.035	.114	.492	.020	.100	
1962	356,000	32,630	67	.269	.037	.074	.495	.014	.111	
1963	87,700	9,703	81	.238	.041	.099	.521	.024	.077	
1964	95,620	10,660	82	.251	.043	.084	.532	.025	.064	
1965	182,800	22,210	89	.268	.044	.078	.546	.019	.045	
1966	93,320	12,120	96	.249	.036	.102	.511	.023	.079	
1967	131,000	15,310	86	.252	.043	.084	.498	.031	.092	
1968	110,100	13,000	87	.244	.044	.085	.499	.037	.092	
1969	169,700	16,660	72	.248	.039	.088	.500	.039	.085	
1970	224,300	21,040	69	.243	.038	.096	.509	.033	.081	

1971	310,200	30,090	71	.234	.035	.110	.495	.023	.103
1972	131,000	15,190	85	.231	.041	.109	.512	.020	.087
1973	237,800	23,450	72	.235	.041	.109	.493	.018	.103
1974	260,600	25,740	73	.238	.043	.107	.491	.021	.100
1975	135,700	17,170	93	.243	.043	.103	.493	.020	.099
1976	101,800	12,500	90	.244	.042	.105	.493	.018	.097
1977	80,660	9,850	90	.243	.042	.105	.495	.018	.097
1978	156,200	15,970	75	.243	.043	.110	.463	.021	.121
1979	170,900	17,770	76	.242	.043	.111	.466	.019	.118
1980	177,300	16,070	67	.243	.046	.114	.459	.022	.117
1981	82,510	9,467	84	.254	.041	.108	.527	.018	.052
1982	131,400	13,730	77	.251	.041	.104	.531	.019	.054
1983	352,400	26,870	56	.225	.040	.101	.479	.017	.138

Site 3. 09069000 Eagle River at Gypsum, Colo., water years 1947 through 1983.

1947	547,800	190,500	256	.193	.041	.104	.201	.129	.332
1948	475,700	184,800	286	.190	.040	.107	.190	.134	.338
1949	460,200	182,700	292	.190	.041	.105	.190	.134	.340
1950	396,300	178,300	331	.193	.041	.099	.178	.131	.358
1951	464,200	181,700	288	.198	.044	.085	.194	.114	.364
1952	580,700	276,900	351	.220	.043	.063	.183	.074	.418
1953	402,900	164,400	300	.200	.037	.092	.186	.129	.357
1954	221,100	141,700	471	.191	.032	.106	.150	.152	.369
1955	292,300	144,900	365	.197	.034	.099	.165	.142	.363
1956	391,700	161,900	304	.200	.036	.093	.179	.128	.363
1957	622,900	214,100	253	.209	.034	.090	.205	.115	.347
1958	430,300	169,200	289	.198	.036	.098	.184	.128	.358
1959	366,100	157,000	315	.194	.036	.098	.180	.129	.363
1960	407,000	160,900	291	.202	.037	.093	.193	.120	.355
1961	295,700	149,100	371	.194	.036	.099	.167	.131	.372
1962	563,800	192,800	251	.213	.035	.088	.207	.112	.344
1963	258,100	143,500	409	.201	.035	.098	.165	.130	.370
1964	310,100	144,300	342	.198	.038	.096	.174	.126	.367
1965	522,900	182,900	257	.217	.040	.077	.208	.097	.361
1966	285,100	141,300	365	.200	.049	.084	.192	.102	.372
1967	315,900	142,300	331	.196	.045	.082	.188	.116	.373
1968	368,900	147,700	294	.207	.045	.071	.204	.097	.375
1969	361,500	147,000	299	.207	.045	.072	.200	.097	.378
1970	477,000	162,200	250	.210	.046	.069	.216	.089	.370
1971	456,100	155,700	251	.201	.045	.083	.207	.102	.362
1972	364,200	139,900	283	.198	.042	.086	.192	.098	.383
1973	454,400	149,700	242	.202	.043	.088	.209	.095	.364
1974	441,100	159,400	266	.205	.042	.085	.201	.096	.371
1975	427,800	148,700	256	.196	.041	.095	.193	.119	.357
1976	341,800	142,800	307	.194	.039	.101	.176	.132	.358
1977	191,100	107,200	412	.187	.037	.107	.152	.144	.373
1978	457,900	145,500	234	.205	.042	.087	.192	.105	.369
1979	506,300	152,600	222	.207	.043	.083	.198	.098	.371
1980	395,200	136,200	253	.202	.042	.087	.186	.106	.377
1981	248,700	109,400	324	.191	.038	.093	.180	.121	.377
1982	456,500	142,000	229	.207	.040	.078	.220	.098	.356
1983	602,300	180,200	220	.212	.043	.073	.228	.086	.358

Table 6.--Estimates of annual dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Water Year	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
		Load (tons)	Concentration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 4. 09070500 Colorado River near Dotsero, Colo., water years 1959 through 1983.										
1959	1,208,000	414,300	252	0.198	0.039	0.100	0.240	0.100	0.323	
1960	1,418,000	451,400	234	.203	.040	.097	.252	.093	.316	
1961	1,052,000	394,400	276	.198	.038	.103	.231	.104	.326	
1962	2,317,000	576,500	183	.220	.038	.086	.289	.074	.293	
1963	1,005,000	384,100	281	.211	.036	.093	.230	.104	.325	
1964	959,200	347,700	267	.206	.040	.091	.234	.106	.324	
1965	1,584,000	414,700	192	.212	.048	.079	.273	.076	.313	
1966	1,076,000	366,700	251	.202	.047	.087	.252	.088	.324	
1967	1,074,000	364,100	249	.201	.047	.087	.257	.089	.319	
1968	1,260,000	415,400	243	.210	.046	.080	.275	.084	.305	
1969	1,337,000	418,600	230	.207	.047	.085	.274	.081	.306	
1970	1,910,000	455,800	176	.209	.051	.086	.314	.068	.271	
1971	1,901,000	463,100	179	.206	.049	.088	.309	.069	.279	
1972	1,391,000	381,500	202	.200	.044	.095	.282	.085	.293	
1973	1,759,000	455,400	190	.201	.043	.097	.288	.084	.287	
1974	1,824,000	467,700	189	.205	.042	.100	.292	.082	.279	
1975	1,576,000	460,300	215	.202	.042	.098	.268	.085	.304	
1976	1,251,000	404,900	238	.201	.041	.098	.253	.090	.318	
1977	808,600	309,000	281	.195	.040	.104	.216	.109	.336	
1978	1,436,000	404,400	207	.201	.047	.096	.266	.080	.311	
1979	1,680,000	430,000	188	.207	.044	.089	.267	.079	.315	
1980	1,583,000	429,800	200	.206	.042	.092	.257	.087	.316	
1981	954,000	322,500	249	.199	.040	.102	.231	.109	.319	
1982	1,369,000	383,500	206	.208	.041	.093	.259	.095	.304	
1983	2,358,000	542,800	169	.217	.044	.083	.293	.072	.291	
Site 5. 09071100 Colorado River near Glenwood Springs, Colo., water years 1942 through 1983.										
1942	1,946,000	608,400	230	.172	.038	.142	.215	.178	.256	
1943	1,777,000	587,300	243	.168	.037	.146	.208	.185	.256	
1944	1,510,000	522,100	254	.161	.037	.152	.200	.196	.254	
1945	1,717,000	544,600	233	.167	.038	.147	.210	.187	.251	
1946	1,556,000	521,600	247	.165	.038	.149	.207	.190	.251	
1947	2,261,000	633,200	206	.177	.039	.134	.233	.170	.247	
1948	1,939,000	584,600	222	.173	.037	.139	.225	.177	.248	
1949	2,048,000	628,400	226	.176	.038	.133	.231	.171	.251	
1950	1,476,000	549,300	274	.167	.038	.141	.206	.192	.256	
1951	1,848,000	579,200	231	.173	.039	.135	.228	.180	.246	
1952	2,441,000	735,200	222	.187	.040	.123	.241	.156	.253	
1953	1,589,000	603,300	279	.170	.037	.144	.207	.189	.253	
1954	885,900	473,300	393	.148	.035	.166	.167	.232	.251	

1955	1,026,000	509,800	365	.163	.033	.147	.174	.199	.282
1956	1,470,000	568,900	285	.175	.034	.140	.208	.181	.262
1957	2,409,000	730,000	223	.198	.034	.119	.241	.147	.262
1958	1,723,000	578,600	247	.177	.033	.141	.217	.178	.254
1959	1,296,000	528,000	300	.165	.032	.153	.197	.199	.254
1960	1,500,000	558,300	274	.175	.032	.144	.212	.186	.251
1961	1,101,000	489,800	327	.163	.031	.157	.188	.209	.252
1962	2,392,000	771,100	237	.198	.033	.122	.243	.156	.248
1963	1,068,000	527,500	363	.161	.032	.158	.182	.211	.258
1964	1,011,000	511,100	372	.159	.030	.156	.178	.219	.256
1965	1,661,000	638,800	283	.167	.034	.145	.209	.190	.255
1966	1,120,000	498,000	327	.151	.039	.154	.210	.210	.252
1967	1,174,000	530,800	332	.153	.041	.151	.194	.205	.255
1968	1,346,000	546,300	298	.159	.042	.143	.210	.194	.252
1969	1,413,000	545,900	284	.162	.041	.143	.216	.191	.248
1970	1,903,000	610,100	236	.175	.038	.134	.243	.172	.238
1971	2,059,000	643,700	230	.174	.037	.139	.247	.164	.239
1972	1,519,000	527,900	256	.166	.034	.156	.223	.192	.230
1973	1,883,000	559,300	218	.179	.036	.139	.240	.159	.247
1974	1,925,000	606,100	232	.175	.037	.140	.232	.166	.250
1975	1,596,000	581,300	268	.165	.036	.147	.212	.182	.258
1976	1,278,000	508,600	293	.159	.034	.157	.195	.202	.254
1977	834,200	395,000	348	.148	.031	.173	.232	.243	.243
1978	1,551,000	526,000	249	.167	.036	.149	.206	.184	.259
1979	1,787,000	587,500	242	.167	.036	.145	.215	.174	.263
1980	1,749,000	589,600	248	.166	.035	.149	.210	.183	.258
1981	927,100	436,700	346	.149	.031	.173	.170	.230	.246
1982	1,453,000	503,500	255	.167	.034	.152	.211	.193	.243
1983	2,400,000	644,800	198	.186	.038	.128	.255	.149	.245

Site 6. 09085000 Roaring Fork River at Glenwood Springs, Colo., water years 1959 through 1983.

1959	736,000	252,900	253	.228	.038	.069	.258	.071	.335
1960	772,400	262,100	250	.229	.038	.068	.261	.070	.334
1961	630,200	242,000	282	.227	.038	.070	.254	.072	.339
1962	1,136,000	336,500	218	.240	.038	.063	.285	.061	.312
1963	554,100	230,800	306	.246	.033	.061	.248	.064	.347
1964	709,100	238,600	248	.244	.037	.057	.252	.059	.352
1965	1,169,000	340,300	214	.246	.038	.056	.276	.058	.326
1966	676,900	259,600	282	.223	.046	.064	.257	.071	.339
1967	749,900	271,300	266	.218	.048	.068	.264	.081	.322
1968	815,100	280,900	253	.217	.048	.070	.261	.084	.320
1969	823,500	294,500	263	.232	.035	.068	.247	.080	.338
1970	1,041,000	335,100	237	.238	.034	.065	.259	.072	.332
1971	981,600	332,900	249	.237	.033	.064	.250	.071	.345
1972	798,500	297,800	274	.227	.038	.065	.236	.067	.366
1973	1,015,000	329,100	238	.187	.035	.108	.240	.101	.329
1979	1,077,000	315,700	216	.233	.038	.065	.263	.063	.337
1980	979,200	302,500	227	.233	.038	.068	.250	.070	.342
1981	539,200	225,300	307	.224	.038	.075	.214	.085	.363
1982	931,700	294,900	233	.235	.039	.068	.255	.066	.338
1983	1,198,000	324,300	199	.239	.040	.061	.279	.055	.326

Table 6.--Estimates of annual dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Water Year	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concentration (mg/L)						
				Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 7. 09093500 Parachute Creek at Parachute, Colo., water years 1975 through 1982.									
1975	27,280	16,930	456	0.125	0.075	0.134	0.361	0.015	0.290
1976	14,200	11,630	602	.119	.076	.141	.322	.015	.327
1977	4,077	4,626	834	.110	.076	.148	.263	.015	.388
1978	21,470	13,640	467	.129	.082	.130	.355	.016	.288
1979	40,300	26,330	481	.132	.077	.134	.347	.017	.293
1980	46,830	31,550	495	.128	.077	.138	.329	.019	.309
1981	9,163	10,050	807	.110	.077	.142	.265	.031	.374
1982	20,660	17,290	616	.122	.078	.139	.300	.034	.327
Site 8. 09093700 Colorado River near De Beque, Colo., water years 1973 through 1982.									
1973	3,166,000	1,458,000	339	.145	.033	.175	.188	.222	.238
1974	2,814,000	1,381,000	361	.140	.033	.181	.183	.228	.236
1975	2,806,000	1,405,000	368	.141	.032	.180	.178	.229	.240
1976	2,169,000	1,334,000	452	.132	.030	.193	.160	.250	.234
1977	1,292,000	1,122,000	639	.118	.028	.214	.130	.288	.223
1978	2,508,000	1,340,000	393	.138	.031	.187	.166	.248	.229
1979	3,048,000	1,366,000	330	.148	.034	.174	.186	.226	.232
1980	2,865,000	1,437,000	369	.145	.033	.175	.182	.230	.235
1981	1,584,000	1,162,000	539	.123	.029	.198	.148	.277	.225
1982	2,645,000	1,358,000	378	.140	.031	.180	.182	.241	.226
Site 9. 09095000 Roan Creek near De Beque, Colo., water years 1975 through 1980.									
1975	37,450	29,950	588	.114	.082	.143	.374	.010	.277
1976	22,160	21,510	714	.104	.083	.149	.340	.011	.314
1977	8,543	9,880	850	.095	.085	.151	.304	.012	.354
1978	35,750	25,720	529	.114	.084	.141	.352	.013	.295
1979	56,610	44,290	575	.112	.084	.141	.342	.011	.309
1980	94,860	65,910	511	.118	.084	.138	.359	.011	.289
Site 10. 09095500 Colorado River near Cameo, Colo., water years 1934 through 1983.									
1934	1,859,000	1,275,000	504	.128	.033	.195	.149	.255	.240
1935	2,861,000	1,391,000	358	.140	.034	.182	.174	.235	.235
1936	3,637,000	1,564,000	316	.159	.037	.162	.203	.204	.235
1937	2,537,000	1,525,000	442	--	--	--	--	--	--
1938	4,062,000	1,881,000	341	--	--	--	--	--	--
1939	2,705,000	1,519,000	413	--	--	--	--	--	--

1940	1,998,000	1,270,000	467	--	--	--	--	--	--	--	--	--	--
1941	2,960,000	1,591,000	395	--	--	--	--	--	--	--	--	--	--
1942	3,610,000	1,885,000	384	--	--	--	--	--	--	--	--	--	--
1943	2,885,000	1,494,000	381	.141	.032	.180	.182	.229	.182	.229	.236	.236	.236
1944	2,715,000	1,458,000	395	.138	.034	.178	.184	.227	.184	.227	.239	.239	.239
1945	2,957,000	1,466,000	364	.142	.036	.172	.187	.224	.187	.224	.239	.239	.239
1946	2,576,000	1,381,000	394	.134	.037	.177	.175	.235	.175	.235	.242	.242	.242
1947	3,747,000	1,597,000	313	.150	.037	.163	.199	.213	.199	.213	.238	.238	.238
1948	3,325,000	1,587,000	351	.148	.036	.168	.193	.212	.193	.212	.243	.243	.243
1949	3,341,000	1,602,000	353	.145	.036	.169	.196	.211	.196	.211	.242	.242	.242
1950	2,557,000	1,493,000	429	.136	.035	.180	.175	.228	.175	.228	.246	.246	.246
1951	2,911,000	1,489,000	376	.139	.036	.176	.184	.229	.184	.229	.236	.236	.236
1952	4,130,000	1,933,000	344	.167	.036	.156	.225	.192	.225	.192	.225	.225	.225
1953	2,573,000	1,446,000	413	.142	.031	.182	.177	.234	.177	.234	.234	.234	.234
1954	1,552,000	1,253,000	594	.126	.027	.199	.142	.261	.142	.261	.245	.245	.245
1955	1,976,000	1,338,000	498	.138	.028	.187	.159	.243	.159	.243	.245	.245	.245
1956	2,416,000	1,363,000	415	.147	.028	.178	.175	.233	.175	.233	.239	.239	.239
1957	4,213,000	1,773,000	310	.163	.031	.160	.228	.195	.228	.195	.224	.224	.224
1958	2,902,000	1,490,000	378	.143	.030	.181	.184	.224	.184	.224	.238	.238	.238
1959	2,188,000	1,316,000	442	.132	.030	.191	.163	.242	.163	.242	.242	.242	.242
1960	2,462,000	1,349,000	403	.141	.031	.180	.168	.238	.168	.238	.243	.243	.243
1961	1,887,000	1,235,000	481	.131	.030	.191	.150	.254	.150	.254	.244	.244	.244
1962	4,001,000	1,711,000	314	.167	.034	.150	.224	.193	.224	.193	.231	.231	.231
1963	1,749,000	1,269,000	534	.129	.028	.197	.150	.261	.150	.261	.235	.235	.235
1964	1,903,000	1,244,000	481	.131	.028	.195	.156	.264	.156	.264	.226	.226	.226
1965	3,152,000	1,553,000	362	.155	.030	.171	.196	.230	.196	.230	.219	.219	.219
1966	1,956,000	1,297,000	488	.128	.036	.187	.164	.243	.164	.243	.242	.242	.242
1967	2,112,000	1,345,000	469	.128	.037	.186	.162	.253	.162	.253	.234	.234	.234
1968	2,413,000	1,421,000	433	.133	.037	.180	.176	.240	.176	.240	.234	.234	.234
1969	2,576,000	1,458,000	416	.136	.037	.177	.179	.233	.179	.233	.238	.238	.238
1970	3,276,000	1,587,000	356	.142	.036	.172	.193	.218	.193	.218	.240	.240	.240
1971	3,362,000	1,616,000	353	.143	.033	.175	.186	.215	.186	.215	.248	.248	.248
1972	2,558,000	1,454,000	418	.134	.032	.187	.168	.230	.168	.230	.249	.249	.249
1973	3,246,000	1,518,000	344	.142	.034	.176	.188	.211	.188	.211	.248	.248	.248
1974	2,927,000	1,473,000	370	.138	.035	.182	.185	.217	.185	.217	.243	.243	.243
1975	2,892,000	1,529,000	389	.139	.033	.182	.177	.220	.177	.220	.249	.249	.249
1976	2,273,000	1,404,000	454	.130	.032	.194	.161	.239	.161	.239	.244	.244	.244
1977	1,402,000	1,183,000	620	.118	.029	.208	.134	.272	.134	.272	.239	.239	.239
1978	2,570,000	1,364,000	390	.137	.032	.185	.171	.236	.171	.236	.239	.239	.239
1979	3,085,000	1,509,000	360	.143	.035	.173	.189	.213	.189	.213	.247	.247	.247
1980	3,040,000	1,523,000	368	.140	.035	.178	.183	.216	.183	.216	.249	.249	.249
1981	1,551,000	1,157,000	549	.120	.029	.203	.144	.274	.144	.274	.230	.230	.230
1982	2,608,000	1,279,000	361	.141	.033	.185	.186	.213	.186	.213	.242	.242	.242
1983	4,399,000	1,783,000	298	.147	.039	.168	.231	.178	.231	.178	.237	.237	.237

Site 11. 09105000 Plateau Creek near Cameo, Colo., water years 1969 through 1979.

1969	136,200	61,600	333	.133	.075	.147	.443	.021	.443	.021	.181	.181	.181
1970	169,200	67,480	293	.140	.073	.143	.450	.021	.450	.021	.173	.173	.173
1971	149,300	64,620	318	.139	.071	.145	.434	.022	.434	.022	.188	.188	.188
1972	90,060	49,800	407	.131	.072	.150	.406	.023	.406	.023	.217	.217	.217
1973	216,300	79,320	270	.167	.068	.124	.434	.025	.434	.025	.182	.182	.182
1974	103,800	58,970	418	.136	.077	.144	.413	.023	.413	.023	.208	.208	.208

Table 6.--Estimates of annual dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Water Year	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concentration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 11. 09105000 Plateau Creek near Cameo, Colo., water years 1969 through 1979--Continued									
1975	146,800	55,110	276	0.151	0.069	0.139	0.426	0.020	0.195
1976	86,790	46,080	390	.132	.073	.151	.414	.021	.209
1977	35,320	22,470	468	.113	.075	.163	.397	.021	.231
1978	83,730	47,680	419	.147	.071	.138	.418	.021	.205
1979	149,500	78,610	387	.169	.068	.124	.427	.020	.191
Site 12. 09149500 Uncompahgre River at Delta, Colo., water years 1959 through 1980.									
1959	154,800	309,000	1,470	.146	.045	.109	.081	.011	.608
1960	181,200	339,700	1,380	.147	.045	.109	.083	.011	.605
1961	217,200	379,900	1,290	.146	.045	.110	.086	.011	.602
1962	189,300	384,300	1,490	.147	.043	.111	.078	.011	.610
1963	143,700	336,800	1,720	.148	.044	.104	.076	.011	.616
1964	205,700	418,800	1,500	.153	.045	.100	.083	.011	.608
1965	269,100	462,700	1,260	.154	.047	.097	.090	.011	.601
1966	177,000	348,500	1,450	.143	.049	.104	.084	.011	.609
1967	154,600	299,300	1,420	.141	.050	.104	.086	.011	.608
1968	213,100	383,800	1,320	.137	.051	.1320	.089	.012	.605
1969	216,900	371,000	1,260	.141	.051	.105	.091	.011	.602
1970	273,500	402,400	1,080	.150	.048	.101	.100	.011	.591
1971	212,500	334,900	1,160	.149	.047	.100	.098	.011	.595
1972	164,500	313,000	1,400	.146	.047	.101	.092	.011	.603
1973	280,500	392,100	1,030	.154	.047	.104	.103	.011	.581
1974	211,700	346,100	1,200	.151	.052	.102	.099	.011	.586
1975	229,200	320,800	1,030	.159	.049	.099	.108	.010	.575
1976	175,900	285,800	1,190	.156	.050	.100	.103	.010	.581
1977	120,900	230,000	1,400	.151	.049	.103	.095	.010	.591
1978	172,800	270,600	1,150	.154	.049	.100	.099	.011	.586
1979	228,800	319,600	1,030	.155	.049	.099	.100	.011	.586
1980	206,300	308,800	1,100	.154	.049	.099	.098	.011	.589
Site 13. 09152500 Gunnison River near Grand Junction, Colo., water years 1934 through 1983.									
1934	606,800	951,900	1,150	.129	.053	.124	.089	.019	.586
1935	1,387,000	1,248,000	662	.137	.052	.116	.134	.018	.542
1936	1,753,000	1,405,000	589	.151	.052	.112	.138	.017	.530
1937	1,496,000	1,432,000	704	--	--	--	--	--	--
1938	2,454,000	1,904,000	571	--	--	--	--	--	--
1939	1,403,000	1,514,000	793	--	--	--	--	--	--
1940	1,053,000	1,412,000	986	--	--	--	--	--	--

1941	2,295,000	1,978,000	634	--	--	--	--	--	--
1942	2,896,000	2,093,000	532	--	--	--	--	--	--
1943	1,761,000	1,582,000	661	.150	.052	.108	.133	.016	.542
1944	2,237,000	1,550,000	510	.151	.052	.107	.149	.017	.523
1945	1,804,000	1,474,000	601	.146	.052	.109	.135	.017	.539
1946	1,278,000	1,339,000	771	.136	.053	.114	.117	.018	.562
1947	1,849,000	1,522,000	605	.146	.052	.110	.136	.019	.538
1948	2,445,000	1,632,000	491	.151	.051	.106	.151	.017	.524
1949	2,119,000	1,591,000	552	.152	.052	.104	.141	.016	.534
1950	1,387,000	1,286,000	682	.145	.053	.105	.123	.015	.558
1951	1,127,000	1,143,000	746	.141	.054	.109	.120	.016	.560
1952	2,625,000	1,667,000	467	.161	.052	.099	.161	.016	.511
1953	1,331,000	1,347,000	744	.144	.054	.110	.121	.016	.554
1954	663,500	1,075,000	1,190	.131	.055	.115	.088	.016	.594
1955	1,032,000	1,141,000	813	.141	.052	.109	.123	.018	.557
1956	1,113,000	1,058,000	699	.139	.052	.113	.127	.019	.550
1957	3,209,000	1,776,000	407	.174	.045	.101	.187	.019	.474
1958	2,383,000	1,564,000	483	.163	.047	.105	.162	.018	.504
1959	950,900	1,121,000	867	.145	.050	.108	.108	.015	.574
1960	1,390,000	1,174,000	621	.156	.047	.103	.130	.015	.549
1961	1,015,000	1,110,000	804	.151	.047	.105	.111	.014	.571
1962	2,194,000	1,387,000	465	.169	.045	.109	.149	.015	.528
1963	913,800	1,141,000	918	.147	.052	.103	.106	.015	.577
1964	1,347,000	1,303,000	711	.152	.052	.099	.116	.015	.565
1965	2,611,000	1,696,000	478	.162	.054	.090	.138	.014	.541
1966	1,046,000	1,281,000	901	.137	.057	.102	.110	.015	.580
1967	886,500	1,194,000	990	.147	.055	.100	.106	.015	.589
1968	1,444,000	1,352,000	689	.147	.056	.096	.129	.016	.557
1969	1,875,000	1,519,000	596	.152	.056	.095	.138	.016	.544
1970	2,253,000	1,579,000	515	.156	.056	.097	.151	.017	.522
1971	2,224,000	1,391,000	460	.156	.054	.102	.162	.019	.507
1972	1,199,000	1,052,000	645	.148	.052	.103	.132	.017	.547
1973	2,083,000	1,323,000	467	.149	.054	.104	.152	.017	.523
1974	1,699,000	1,435,000	621	.149	.053	.102	.130	.014	.551
1975	1,816,000	1,330,000	538	.156	.054	.101	.141	.014	.534
1976	1,314,000	1,294,000	724	.156	.052	.099	.122	.013	.558
1977	772,800	955,000	909	.152	.051	.101	.107	.014	.575
1978	1,317,000	1,026,000	573	.156	.052	.100	.122	.015	.555
1979	2,343,000	1,446,000	454	.163	.052	.096	.136	.014	.540
1980	2,249,000	1,226,000	401	.160	.053	.097	.149	.015	.526
1981	1,061,000	877,100	608	.156	.053	.099	.132	.015	.546
1982	1,704,000	1,225,000	528	.161	.053	.095	.144	.015	.532
1983	3,147,000	1,554,000	363	.164	.053	.094	.180	.015	.495

Site 14. 09152900 Adobe Creek near Fruita, Colo., water years 1974 through 1980.									
1974	13,870	26,660	1,410	.145	.050	.110	.072	.075	.547
1975	15,640	24,760	1,160	.149	.046	.118	.091	.097	.499
1976	15,500	27,000	1,280	.143	.045	.130	.087	.113	.482
1977	15,110	27,730	1,350	.140	.045	.134	.085	.121	.475
1978	15,690	23,380	1,100	.141	.046	.133	.089	.114	.477
1979	16,440	25,120	1,120	.136	.048	.130	.086	.110	.489
1980	15,710	23,770	1,110	.136	.048	.131	.087	.109	.488

Table 6.--Estimates of annual dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Water Year	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concentration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 15. 09153300 Reed Wash near Loma, Colo., water years 1974 through 1983.									
1974	63,950	146,300	1,680	0.141	0.056	0.099	0.070	0.074	0.560
1975	63,990	125,100	1,440	.148	.056	.102	.077	.081	.535
1976	66,330	136,400	1,510	.143	.055	.110	.076	.096	.520
1977	69,210	149,700	1,590	.142	.054	.114	.075	.104	.510
1978	72,750	130,800	1,320	.138	.054	.116	.078	.102	.512
1979	71,470	117,100	1,200	.143	.055	.109	.082	.088	.522
1980	72,570	123,400	1,250	.135	.054	.123	.085	.103	.500
1981	82,160	142,800	1,280	.137	.052	.125	.085	.126	.476
1982	76,900	122,900	1,180	.139	.051	.129	.090	.131	.460
1983	64,070	108,400	1,240	.140	.053	.127	.086	.123	.472
Site 16. 09163340 Mack Wash near Mack, Colo., water years 1974 through 1982.									
1974	18,030	25,370	1,030	.149	.041	.118	.075	.119	.497
1975	17,660	22,380	932	.148	.041	.122	.081	.126	.482
1976	19,220	23,670	906	.138	.038	.146	.089	.168	.422
1977	21,470	29,300	1,000	.135	.035	.159	.086	.184	.401
1978	18,110	21,260	863	.137	.037	.155	.098	.178	.395
1979	16,770	19,780	867	.144	.041	.139	.101	.152	.422
1980	17,730	20,840	864	.146	.044	.136	.100	.139	.436
1981	14,610	21,050	1,060	.143	.045	.138	.088	.135	.451
1982	22,810	23,140	746	.136	.042	.146	.103	.164	.410
Site 17. 09163490 Salt Creek near Mack, Colo., water years 1974 through 1983.									
1974	56,560	119,400	1,550	.132	.056	.109	.064	.074	.564
1975	63,350	113,300	1,310	.136	.055	.112	.079	.078	.539
1976	63,740	121,000	1,400	.134	.054	.120	.077	.092	.523
1977	69,930	139,700	1,470	.136	.052	.123	.073	.104	.510
1978	64,730	117,300	1,330	.125	.053	.130	.076	.094	.521
1979	72,140	120,200	1,220	.124	.054	.126	.081	.084	.531
1980	74,430	126,900	1,250	.121	.054	.130	.083	.089	.524
1981	57,820	113,500	1,440	.124	.053	.127	.076	.098	.522
1982	69,670	129,800	1,370	.123	.050	.120	.077	.094	.536
1983	86,990	152,800	1,290	.124	.049	.123	.080	.105	.519

Site 18. 09163500 Colorado River near Colorado-Utah State line, Colo.,
water years 1962 through 1983.

1962	6,196,000	4,131,000	490	.160	.042	.129	.171	.093	.405
1963	2,586,000	3,025,000	860	.131	.043	.149	.118	.118	.440
1964	3,112,000	3,077,000	727	.136	.047	.143	.122	.120	.432
1965	5,714,000	4,007,000	516	.156	.048	.127	.156	.098	.414
1966	2,959,000	3,377,000	839	.141	.049	.134	.118	.106	.451
1967	2,861,000	3,166,000	814	.133	.051	.135	.118	.107	.457
1968	3,723,000	3,650,000	721	.135	.052	.137	.133	.108	.436
1969	4,328,000	3,825,000	650	.135	.051	.139	.146	.114	.415
1970	5,488,000	3,969,000	532	.141	.049	.137	.162	.108	.403
1971	5,375,000	3,634,000	497	.143	.047	.133	.157	.107	.412
1972	3,455,000	3,224,000	686	.131	.045	.142	.125	.114	.442
1973	5,394,000	3,860,000	526	.143	.047	.124	.139	.094	.455
1974	4,347,000	3,784,000	640	.141	.047	.128	.129	.095	.460
1975	4,743,000	3,542,000	549	.145	.047	.128	.137	.103	.440
1976	3,335,000	3,216,000	709	.141	.047	.135	.124	.112	.442
1977	1,852,000	2,494,000	990	.135	.046	.136	.100	.116	.466
1978	3,865,000	2,891,000	550	.142	.045	.135	.130	.115	.433
1979	5,659,000	3,704,000	481	.146	.047	.129	.148	.102	.428
1980	5,237,000	3,203,000	450	.141	.046	.139	.151	.110	.413
1981	2,695,000	2,745,000	749	.133	.045	.144	.118	.120	.440
1982	4,524,000	3,108,000	505	.141	.046	.139	.153	.114	.407
1983	8,033,000	4,011,000	367	.150	.047	.129	.190	.097	.387

Site 19. 09177000 San Miguel River at Uravan, Colo., water years 1974 through 1979.

1974	193,500	94,790	360	.195	.061	.057	.198	.015	.474
1975	298,500	113,900	280	.203	.058	.056	.224	.015	.444
1976	149,600	90,320	444	.190	.062	.062	.175	.015	.500
1977	64,660	54,760	623	.176	.065	.055	.128	.013	.563
1978	255,300	109,100	314	.198	.056	.054	.187	.016	.489
1979	375,500	136,400	267	.203	.054	.054	.208	.017	.463

Site 20. 09180000 Dolores River near Cisco, Utah, water years 1952 through 1983.

1952	1,086,000	520,700	333	.113	.029	.194	.205	.265	.194
1953	290,800	361,300	914	.087	.029	.243	.078	.334	.229
1954	208,500	332,700	1,170	.086	.029	.244	.061	.333	.246
1955	360,000	361,600	739	.107	.030	.213	.102	.283	.265
1956	269,700	326,300	890	.098	.029	.227	.079	.309	.258
1957	1,086,000	547,500	371	.110	.026	.184	.221	.251	.208
1958	1,068,000	680,100	468	.094	.022	.188	.336	.258	.102
1959	170,000	333,900	1,440	.080	.030	.257	.032	.355	.245
1960	487,700	363,800	549	.122	.031	.190	.139	.246	.271
1961	346,000	347,500	738	.116	.034	.200	.074	.256	.320
1962	540,800	418,900	570	.123	.033	.185	.105	.237	.316
1963	246,200	352,400	1,050	.051	.029	.256	.023	.378	.262
1964	296,600	365,300	906	.103	.026	.212	.032	.335	.292
1965	799,100	510,200	469	.191	.025	.122	.059	.172	.430
1966	506,100	494,600	719	.120	.030	.195	.086	.264	.305

Table 6.--Estimates of annual dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Water Year	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concentration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 20. 09180000 Dolores River near Cisco, Utah, water years 1952 through 1983---Continued									
1967	239,000	387,100	1,190	0.076	0.030	0.245	0.067	0.346	0.237
1968	499,800	451,800	665	.106	.034	.210	.103	.289	.258
1969	576,100	470,000	600	.104	.034	.213	.112	.297	.240
1970	557,100	499,300	659	.106	.036	.214	.114	.277	.252
1971	463,800	450,300	714	.094	.033	.226	.097	.309	.241
1972	227,400	368,400	1,190	.080	.031	.246	.064	.341	.238
1973	1,341,000	726,900	399	.122	.038	.183	.162	.217	.277
1974	337,800	413,600	900	.084	.029	.248	.080	.341	.217
1975	887,500	562,100	466	.100	.034	.219	.134	.286	.225
1976	378,900	443,600	861	.087	.030	.248	.083	.332	.219
1977	100,200	343,900	2,520	.048	.022	.300	.035	.440	.155
1978	736,800	406,200	405	.129	.034	.195	.143	.231	.269
1979	1,092,000	600,300	404	.118	.034	.203	.150	.245	.251
1980	1,034,000	604,700	430	.111	.032	.207	.137	.273	.241
1981	206,600	421,600	1,500	.066	.026	.268	.055	.398	.187
1982	692,100	534,800	568	.107	.032	.210	.112	.304	.236
1983	1,477,000	774,700	386	.134	.038	.175	.162	.225	.266
Site 21. 09180500 Colorado River near Cisco, Utah, water years 1929 through 1983.									
1929	8,511,000	5,379,000	465	.137	.050	.142	.153	.088	.430
1930	6,097,000	4,931,000	595	.130	.050	.148	.134	.094	.444
1931	2,866,000	3,662,000	940	.111	.048	.163	.100	.111	.466
1932	6,687,000	4,557,000	501	.134	.048	.147	.143	.095	.433
1933	4,631,000	3,874,000	615	.124	.048	.152	.123	.099	.453
1934	2,220,000	3,088,000	1,020	.110	.049	.162	.090	.113	.477
1935	4,681,000	3,757,000	590	.126	.049	.149	.127	.102	.447
1936	5,765,000	4,395,000	561	.137	.049	.143	.139	.099	.433
1937	4,664,000	4,476,000	706	--	--	--	--	--	--
1938	7,422,000	5,353,000	530	--	--	--	--	--	--
1939	4,252,000	4,195,000	726	--	--	--	--	--	--
1940	3,464,000	3,890,000	826	--	--	--	--	--	--
1941	6,577,000	5,325,000	595	--	--	--	--	--	--
1942	7,706,000	5,498,000	525	--	--	--	--	--	--
1943	5,136,000	4,342,000	622	.134	.048	.142	.142	.106	.427
1944	5,904,000	4,228,000	527	.137	.047	.143	.156	.112	.404
1945	5,407,000	4,198,000	571	.135	.048	.142	.148	.105	.422
1946	4,060,000	3,588,000	650	.127	.047	.151	.133	.120	.423
1947	6,051,000	4,410,000	536	.144	.046	.135	.157	.099	.419
1948	6,554,000	4,719,000	530	.145	.045	.138	.158	.110	.403
1949	6,288,000	4,693,000	549	.140	.045	.142	.155	.118	.400

1950	4,236,000	3,956,000	687	.128	.047	.150	.124	.132	.420
1951	3,921,000	3,474,000	651	.126	.047	.151	.125	.134	.417
1952	7,708,000	4,738,000	452	.148	.047	.135	.160	.109	.400
1953	4,036,000	3,833,000	698	.128	.047	.153	.119	.129	.425
1954	2,329,000	3,400,000	1,070	.118	.046	.161	.087	.140	.449
1955	3,241,000	3,433,000	779	.128	.046	.152	.106	.133	.435
1956	3,605,000	3,382,000	690	.132	.045	.149	.113	.132	.429
1957	8,486,000	4,931,000	427	.155	.042	.135	.167	.114	.386
1958	6,354,000	4,508,000	522	.143	.042	.145	.142	.126	.402
1959	3,110,000	3,403,000	804	.124	.045	.157	.101	.141	.432
1960	4,132,000	3,461,000	616	.138	.043	.144	.121	.125	.430
1961	3,084,000	3,332,000	794	.134	.041	.149	.103	.133	.439
1962	6,696,000	4,389,000	482	.161	.039	.131	.152	.108	.408
1963	2,820,000	3,443,000	898	.130	.037	.158	.099	.152	.426
1964	3,357,000	3,494,000	765	.118	.047	.157	.112	.167	.399
1965	6,404,000	4,308,000	495	.140	.046	.140	.148	.133	.393
1966	3,507,000	3,614,000	758	.127	.046	.151	.114	.138	.424
1967	3,023,000	3,492,000	849	.120	.046	.158	.103	.145	.427
1968	4,093,000	3,580,000	643	.132	.048	.143	.129	.129	.419
1969	4,759,000	3,855,000	596	.135	.051	.138	.138	.127	.411
1970	5,839,000	3,902,000	491	.139	.049	.138	.157	.126	.390
1971	5,633,000	3,676,000	480	.137	.045	.152	.153	.142	.372
1972	3,538,000	3,247,000	675	.127	.044	.159	.122	.153	.395
1973	6,436,000	4,374,000	500	.140	.043	.149	.145	.138	.385
1974	4,514,000	3,491,000	569	.137	.044	.151	.135	.143	.392
1975	5,220,000	3,809,000	537	.138	.043	.149	.142	.140	.387
1976	3,495,000	3,416,000	719	.131	.044	.154	.127	.149	.395
1977	1,905,000	2,567,000	991	.122	.043	.159	.107	.160	.408
1978	4,533,000	3,427,000	556	.134	.036	.145	.170	.133	.382
1979	6,591,000	4,312,000	481	.139	.034	.144	.178	.127	.378
1980	6,219,000	4,062,000	480	.136	.036	.145	.173	.133	.375
1981	2,670,000	2,916,000	803	.120	.041	.164	.110	.178	.387
1982	4,950,000	3,652,000	543	.136	.043	.151	.143	.149	.377
1983	9,192,000	4,790,000	383	.151	.046	.139	.179	.127	.359

Site 22. 09188500 Green River at Warren Bridge, near Daniel, Wyo., water years 1962 through 1982.

1962	419,800	79,310	139	.258	.056	.024	.317	.003	.343
1963	350,100	73,760	155	.258	.056	.023	.309	.003	.351
1964	400,900	78,180	143	.258	.056	.024	.315	.004	.343
1965	485,500	89,980	136	.259	.057	.023	.329	.006	.326
1966	--	--	--	--	--	--	--	--	--
1967	431,400	72,340	123	.250	.054	.023	.290	.005	.378
1968	372,700	77,100	152	.253	.053	.021	.289	.007	.378
1969	392,000	77,470	145	.255	.052	.021	.293	.007	.372
1970	327,800	72,010	162	.254	.050	.020	.285	.007	.383
1971	499,500	91,870	135	.261	.047	.023	.311	.009	.350
1972	486,600	100,300	152	.262	.047	.023	.307	.009	.354
1973	326,600	81,200	183	.256	.051	.021	.282	.007	.384
1974	439,200	84,290	141	.249	.056	.021	.298	.007	.369
1975	376,300	75,390	147	.247	.056	.022	.291	.007	.378
1976	391,700	69,860	131	.245	.054	.025	.277	.008	.392
1977	203,300	55,160	200	.246	.054	.021	.255	.006	.417
1978	398,700	73,390	135	.249	.055	.025	.291	.008	.372

Table 6.--Estimates of annual dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Water Year	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concentration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 22. 09188500 Green River at Warren Bridge, near Daniel, Wyo., water years 1962 through 1982--Continued									
1979	281,600	69,210	181	0.249	0.057	0.021	0.281	0.006	0.386
1980	339,000	66,140	144	.246	.056	.022	.286	.005	.384
1981	258,200	60,260	172	.245	.056	.021	.268	.004	.407
1982	475,100	77,890	121	.245	.057	.023	.312	.004	.358
Site 23. 09205000 New Fork River near Big Piney, Wyo., water years 1966 through 1983.									
1966	388,300	48,730	92	.236	.046	.103	.485	.020	.111
1967	647,800	65,300	74	.238	.044	.102	.492	.019	.105
1968	594,800	68,200	84	.234	.044	.104	.488	.025	.104
1969	667,400	70,160	77	.238	.042	.105	.482	.031	.103
1970	402,500	49,650	91	.238	.041	.104	.472	.029	.117
1971	634,500	66,630	77	.232	.043	.102	.473	.029	.122
1972	781,400	80,300	76	.230	.044	.102	.484	.029	.110
1973	529,600	62,880	87	.235	.042	.100	.493	.029	.101
1974	589,900	64,730	81	.235	.044	.102	.494	.030	.094
1975	577,800	60,850	77	.227	.050	.104	.499	.030	.090
1976	570,300	64,350	83	.221	.053	.106	.497	.032	.090
1977	226,400	35,740	116	.222	.051	.106	.497	.028	.096
1978	680,100	67,630	73	.233	.051	.101	.469	.045	.100
1979	457,300	52,810	85	.226	.052	.108	.473	.024	.117
1980	536,800	57,590	79	.232	.055	.108	.485	.019	.101
1981	359,900	43,410	89	.227	.056	.107	.496	.019	.095
1982	782,200	75,240	71	.243	.054	.089	.542	.015	.056
1983	802,600	79,190	72	.233	.037	.100	.526	.016	.088
Site 24. 09209400 Green River near La Barge, Wyo., water years 1964 through 1981.									
1964	1,159,000	304,700	193	.214	.062	.076	.412	.014	.223
1965	1,749,000	414,800	174	.214	.063	.075	.429	.014	.205
1966	876,400	238,100	200	.210	.061	.078	.396	.015	.240
1967	1,333,000	301,500	166	.211	.060	.081	.416	.013	.218
1968	1,156,000	269,900	172	.210	.063	.077	.403	.018	.229
1969	1,233,000	268,000	160	.221	.059	.076	.409	.018	.218
1970	887,000	222,900	185	.218	.058	.074	.394	.020	.235
1971	1,643,000	415,500	186	.218	.063	.074	.424	.017	.206
1972	1,853,000	448,400	178	.219	.064	.072	.426	.019	.200
1973	1,080,000	257,100	175	.228	.057	.067	.414	.015	.219
1974	1,351,000	320,500	174	.227	.057	.070	.425	.016	.206

1975	1,302,000	316,000	179	.221	.061	.070	.435	.015	.198
1976	1,367,000	323,100	174	.211	.065	.076	.424	.019	.204
1977	483,800	151,400	230	.197	.060	.090	.382	.019	.252
1978	1,436,000	330,200	169	.205	.060	.077	.410	.019	.229
1979	894,000	248,200	204	.206	.061	.077	.397	.018	.240
1980	1,209,000	293,500	179	.205	.063	.075	.406	.021	.231
1981	689,000	200,800	214	.209	.062	.076	.388	.015	.249

Site 25. 09211200 Green River below Fontenelle Reservoir, Wyo., water years 1968 through 1983.

1968	868,000	271,700	230	.198	.057	.083	.331	.021	.308
1969	1,286,000	370,100	212	.201	.057	.082	.341	.022	.297
1970	948,200	303,000	235	.202	.055	.084	.331	.023	.305
1971	1,524,000	458,200	221	.212	.057	.078	.368	.025	.260
1972	1,878,000	534,800	209	.212	.059	.077	.384	.021	.247
1973	1,065,000	324,500	224	.209	.052	.082	.356	.017	.284
1974	1,417,000	425,900	221	.219	.048	.080	.368	.019	.265
1975	1,283,000	396,200	227	.209	.052	.084	.375	.018	.262
1976	1,430,000	417,100	215	.202	.062	.084	.395	.019	.237
1977	499,700	169,300	249	.181	.062	.096	.354	.021	.285
1978	1,434,000	412,700	212	.202	.058	.084	.378	.019	.258
1979	930,600	300,500	237	.190	.059	.093	.345	.020	.293
1980	1,240,000	372,400	221	.194	.062	.087	.348	.020	.289
1981	740,200	256,200	255	.188	.060	.092	.330	.017	.312
1982	1,605,000	458,200	210	.201	.064	.084	.385	.015	.251
1983	2,011,000	558,600	204	.207	.062	.082	.398	.017	.234

Site 26. 09214500 Little Sandy Creek above Eden, Wyo., water years 1976 through 1981.

1976	17,290	3,259	139	.152	.029	.167	.245	.036	.372
1977	4,635	1,207	192	.148	.028	.168	.216	.033	.407
1978	18,460	3,431	137	.156	.029	.178	.213	.038	.386
1979	12,820	2,511	144	.159	.029	.171	.211	.033	.396
1980	24,750	4,634	138	.155	.028	.177	.190	.035	.415
1981	11,300	2,732	178	.149	.028	.176	.179	.034	.434

Site 27. 09216000 Big Sandy River below Eden, Wyo., water years 1962 through 1981.

1962	26,520	65,770	1,820	.102	.031	.173	.058	.049	.587
1963	16,870	51,310	2,240	.103	.034	.169	.054	.038	.602
1964	19,160	58,830	2,260	.103	.032	.170	.053	.035	.606
1965	35,880	85,320	1,750	.107	.023	.183	.057	.041	.589
1966	38,954	--	--	--	--	--	--	--	--
1967	49,660	73,630	1,090	.104	.037	.160	.068	.028	.602
1968	39,290	75,390	1,410	.108	.038	.157	.065	.028	.605
1969	60,900	89,220	1,080	.108	.036	.161	.074	.030	.592
1970	22,260	65,510	2,160	.105	.036	.157	.056	.027	.618
1971	32,270	75,220	1,710	.105	.035	.160	.062	.027	.610
1972	64,970	96,410	1,090	.106	.036	.163	.077	.027	.591
1973	46,690	94,990	1,500	.107	.039	.158	.070	.025	.603
1974	54,350	108,800	1,470	.105	.040	.156	.074	.025	.600

Table 6.--Estimates of annual dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Water Year	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concentration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 27. 09216000 Big Sandy River below Eden, Wyo., water years 1962 through 1981--Continued									
1975	47,820	100,300	1,540	0.107	0.039	0.155	0.074	0.024	0.601
1976	44,060	99,450	1,660	.105	.038	.158	.073	.025	.601
1977	25,280	71,150	2,070	.094	.038	.171	.066	.024	.608
1978	27,490	69,640	1,860	.092	.037	.176	.069	.025	.602
1979	36,310	83,590	1,690	.092	.036	.179	.072	.025	.596
1980	67,100	108,400	1,190	.094	.036	.180	.083	.029	.577
1981	26,250	73,410	2,060	.099	.037	.170	.067	.022	.605
Site 28. 09216050 Big Sandy River at Gasson Bridge, near Eden, Wyo., water years 1975 through 1983.									
1975	57,910	174,300	2,210	.085	.046	.169	.059	.017	.624
1976	54,500	172,000	2,320	.084	.046	.169	.058	.017	.625
1977	34,150	136,500	2,940	.078	.046	.178	.052	.018	.630
1978	37,380	137,300	2,700	.076	.044	.181	.053	.019	.626
1979	45,490	147,000	2,380	.078	.042	.184	.056	.020	.620
1980	77,670	174,100	1,650	.077	.041	.186	.061	.021	.615
1981	41,370	144,600	2,570	.081	.045	.176	.057	.017	.623
1982	46,720	148,400	2,340	.082	.045	.175	.058	.017	.623
1983	100,900	229,200	1,670	.118	.039	.162	.076	.025	.580
Site 29. 09216562 Bitter Creek above Salt Wells Creek, Wyo., water years 1977 through 1981.									
1977	2,860	4,569	1,170	.060	.043	.225	.131	.097	.444
1978	2,609	4,514	1,270	.071	.057	.193	.101	.079	.500
1979	5,153	8,354	1,190	.059	.050	.211	.088	.101	.492
1980	10,780	17,620	1,200	.060	.049	.207	.097	.102	.484
1981	2,626	7,584	2,120	.052	.056	.204	.073	.117	.497
Site 30. 09217000 Green River near Green River, Wyo., water years 1952 through 1983.									
1952	1,574,000	620,500	290	.170	.060	.107	.302	.018	.343
1953	1,087,000	447,000	302	.162	.059	.111	.275	.018	.376
1954	1,179,000	445,200	278	.163	.059	.110	.277	.018	.373
1955	836,000	366,200	322	.157	.058	.114	.257	.018	.396
1956	1,610,000	592,600	271	.176	.054	.103	.316	.019	.331
1957	1,483,000	540,000	268	.173	.054	.105	.311	.019	.338
1958	1,106,000	461,100	307	.162	.052	.116	.275	.019	.375
1959	927,700	400,500	318	.155	.053	.121	.258	.020	.394

1960	701,900	324,300	340	.152	.053	.125	.252	.021	.398
1961	578,700	275,600	350	.152	.053	.125	.252	.022	.396
1962	1,451,000	513,700	260	.175	.054	.108	.314	.023	.326
1963	960,900	394,200	302	.168	.055	.106	.297	.022	.353
1964	1,203,000	463,100	283	.166	.058	.103	.294	.021	.357
1965	1,846,000	760,700	303	.161	.060	.098	.276	.026	.379
1966	1,011,000	532,400	387	.145	.058	.106	.228	.028	.436
1967	1,486,000	562,300	278	.157	.057	.105	.267	.024	.390
1968	901,700	437,800	357	.152	.047	.128	.227	.018	.427
1969	1,390,000	563,400	298	.163	.047	.120	.253	.018	.398
1970	951,100	459,000	355	.153	.050	.123	.233	.019	.422
1971	1,680,000	673,600	295	.163	.057	.111	.281	.021	.367
1972	2,016,000	770,100	281	.169	.057	.106	.298	.021	.349
1973	1,227,000	573,900	344	.153	.054	.120	.251	.020	.401
1974	1,505,000	625,000	305	.160	.055	.116	.271	.020	.378
1975	1,363,000	605,300	327	.152	.055	.126	.259	.021	.387
1976	1,504,000	636,300	311	.156	.057	.126	.272	.021	.369
1977	498,600	324,200	478	.127	.052	.146	.192	.023	.461
1978	1,484,000	562,100	279	.160	.055	.113	.284	.020	.367
1979	969,800	444,500	337	.148	.054	.127	.243	.021	.406
1980	1,334,000	545,700	301	.154	.054	.121	.258	.021	.392
1981	780,800	401,100	378	.142	.053	.132	.220	.025	.427
1982	1,633,000	582,800	262	.171	.057	.108	.293	.030	.342
1983	2,178,000	792,500	268	.173	.058	.105	.299	.029	.335

Site 31. 09222000 Blacks Fork near Lyman, Wyo., water years 1963 through 1983.

1963	32,590	54,220	1,220	.108	.041	.162	.086	.050	.552
1964	134,000	117,600	645	.127	.041	.156	.173	.061	.442
1965	274,500	201,500	540	.125	.040	.147	.162	.057	.470
1966	91,910	99,520	796	.121	.040	.163	.132	.059	.485
1967	138,600	119,100	632	.102	.046	.162	.165	.062	.463
1968	130,700	114,300	643	.113	.040	.160	.166	.064	.457
1969	84,060	97,460	853	.111	.041	.165	.124	.061	.499
1970	98,970	104,700	778	.118	.040	.160	.139	.060	.483
1971	142,900	131,800	678	.123	.039	.158	.152	.060	.468
1972	143,400	141,100	724	.122	.037	.162	.148	.064	.467
1973	157,100	150,700	705	.118	.036	.170	.149	.074	.453
1974	155,700	143,100	676	.118	.039	.166	.156	.065	.456
1975	172,900	162,000	689	.127	.040	.160	.153	.063	.458
1976	72,990	93,320	940	.109	.037	.169	.135	.062	.487
1977	13,260	32,750	1,820	.098	.037	.174	.067	.051	.572
1978	86,580	89,060	756	.118	.032	.165	.167	.058	.460
1979	31,130	54,920	1,300	.111	.037	.170	.097	.049	.535
1980	84,010	88,040	771	.112	.036	.172	.147	.054	.479
1981	45,340	62,640	1,020	.110	.038	.171	.115	.049	.517
1982	83,480	106,500	938	.110	.036	.179	.129	.056	.489
1983	324,800	205,900	466	.112	.033	.175	.218	.068	.393

Table 6.--Estimates of annual dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Water Year	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concentration (mg/L)						
				Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 32. 092224700 Blacks Fork near Little America, Wyo., water years 1955 through 1983.									
1955	88,140	82,900	692	0.131	0.047	0.155	0.149	0.079	0.440
1956	217,000	179,300	608	.135	.047	.152	.160	.080	.425
1957	--	--	--	--	--	--	--	--	--
1958	186,400	160,300	632	.123	.036	.163	.191	.068	.418
1959	113,800	116,100	750	.125	.039	.165	.157	.070	.443
1960	147,100	136,900	685	.126	.039	.164	.174	.074	.424
1961	25,360	31,770	921	.114	.042	.169	.123	.068	.484
1962	260,100	201,500	570	.129	.044	.149	.181	.076	.421
1963	86,400	90,130	767	.153	.046	.132	.166	.052	.450
1964	212,900	163,700	565	--	--	--	--	--	--
1965	491,000	312,800	469	.133	.043	.161	.240	.081	.343
1966	194,300	154,300	584	.116	.043	.171	.192	.076	.402
1967	283,600	197,400	512	.130	.042	.164	.208	.074	.382
1968	192,400	164,800	630	.151	.040	.166	.177	.061	.405
1969	205,100	167,200	599	.135	.041	.168	.183	.063	.410
1970	175,000	152,200	639	.125	.042	.170	.184	.063	.416
1971	434,900	282,700	478	.152	.047	.140	.224	.063	.375
1972	378,900	277,300	538	.136	.047	.148	.212	.066	.392
1973	298,600	248,400	612	.127	.047	.155	.200	.071	.400
1974	303,200	237,500	576	.126	.046	.153	.200	.068	.406
1975	306,000	238,700	574	.124	.045	.157	.199	.067	.407
1976	223,100	169,800	560	.120	.046	.153	.206	.063	.413
1977	20,990	37,520	1,310	.101	.044	.172	.088	.069	.526
1978	215,000	156,700	536	.136	.043	.143	.213	.054	.410
1979	115,600	118,800	756	.123	.044	.163	.145	.058	.467
1980	275,500	218,700	584	.126	.043	.157	.189	.061	.423
1981	81,780	97,350	875	.114	.045	.166	.131	.059	.485
1982	250,800	216,200	634	.127	.046	.150	.195	.063	.419
1983	642,700	448,700	513	.141	.050	.134	.245	.068	.363
Site 33. 092229500 Henrys Fork near Manila, Utah, water years 1955 through 1983.									
1955	20,920	25,390	892	0.150	0.070	0.083	0.146	0.038	0.512
1956	30,860	32,920	784	.152	.070	.081	.163	.038	.496
1957	--	--	--	--	--	--	--	--	--
1958	41,460	45,870	814	.151	.070	.080	.158	.030	.510
1959	39,060	42,040	791	.152	.070	.081	.159	.030	.508
1960	42,530	44,910	776	.156	.068	.079	.163	.030	.504
1961	26,600	30,270	837	.156	.068	.080	.154	.029	.513
1962	79,400	80,690	747	.167	.063	.076	.173	.028	.492
1963	25,050	29,800	875	.157	.070	.072	.136	.026	.540

1964	71,130	61,330	634	--	--	--	--
1965	175,900	122,300	511	.170	.070	.064	.211
1966	49,430	48,100	716	.154	.077	.069	.177
1967	72,140	57,560	587	.160	.075	.069	.191
1968	79,070	66,600	619	.157	.074	.069	.185
1969	47,130	50,420	787	.155	.075	.068	.177
1970	61,900	59,000	701	.157	.070	.069	.160
1971	97,960	73,370	551	.169	.068	.068	.205
1972	64,720	52,460	596	.166	.060	.068	.202
1973	114,900	87,620	561	.166	.067	.071	.209
1974	54,800	43,700	586	.167	.073	.068	.197
1975	114,100	76,170	491	.167	.070	.066	.229
1976	33,480	36,100	793	.160	.075	.070	.168
1977	14,110	19,810	1,030	.156	.074	.071	.144
1978	47,520	33,670	521	.165	.066	.074	.231
1979	19,090	20,970	808	.160	.072	.075	.166
1980	55,200	45,400	605	.168	.070	.074	.186
1981	35,380	30,590	636	.173	.072	.071	.190
1982	55,110	46,020	614	.173	.072	.069	.196
1983	197,500	118,700	442	.173	.068	.074	.241

Site 34. 09234500 Green River near Greendale, Utah, water years 1957 through 1983.

1957	1,938,000	858,800	326	.160	.050	.124	.261	.039	.366
1958	1,383,000	669,700	356	.152	.051	.127	.239	.037	.393
1959	1,140,000	598,100	386	.144	.051	.134	.225	.040	.407
1960	998,000	562,500	414	.143	.049	.136	.216	.043	.414
1961	747,400	432,800	426	.143	.050	.132	.213	.039	.422
1962	2,113,000	1,087,000	378	.154	.051	.128	.237	.045	.385
1963	167,400	147,000	646	.138	.044	.135	.163	.041	.479
1964	838,100	509,500	447	.153	.051	.119	.215	.043	.419
1965	1,612,000	1,096,000	500	.143	.052	.123	.187	.042	.453
1966	1,183,000	817,200	508	.140	.053	.124	.181	.044	.457
1967	1,566,000	1,192,000	560	.135	.055	.125	.168	.040	.476
1968	1,834,000	1,355,000	543	.133	.058	.126	.171	.041	.472
1969	1,950,000	1,348,000	508	.132	.059	.128	.180	.042	.459
1970	1,337,000	833,500	458	.134	.055	.133	.192	.042	.443
1971	1,025,000	645,300	463	.136	.053	.133	.196	.040	.441
1972	1,938,000	1,207,000	458	.144	.053	.125	.202	.037	.438
1973	2,107,000	1,375,000	480	.145	.053	.123	.201	.036	.442
1974	1,420,000	955,800	495	.143	.054	.124	.189	.036	.453
1975	1,806,000	1,245,000	507	.139	.053	.126	.184	.037	.460
1976	1,925,000	1,302,000	497	.141	.054	.126	.191	.036	.452
1977	1,961,000	1,301,000	488	.142	.054	.122	.196	.034	.452
1978	1,004,000	725,200	531	.132	.056	.128	.182	.037	.465
1979	1,340,000	917,000	503	.132	.054	.130	.184	.036	.465
1980	1,208,000	775,800	472	.133	.052	.131	.185	.035	.463
1981	1,042,000	674,900	476	.133	.053	.131	.186	.034	.464
1982	1,221,000	814,800	491	.133	.053	.131	.184	.033	.465
1983	3,092,000	1,815,000	432	.140	.053	.126	.212	.034	.435

Table 6.--Estimates of annual dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Water Year	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concentration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 35. 09235300 Vermillion Creek near Hiawatha, Colo., water years 1976 through 1981.									
1976	2,093	3,035	1,070	0.095	0.058	0.164	0.199	0.019	0.466
1977	1,660	2,083	923	.097	.058	.158	.224	.018	.445
1978	1,402	2,075	1,090	.093	.058	.162	.195	.023	.469
1979	2,437	2,972	897	.090	.063	.174	.196	.020	.457
1980	5,023	5,492	804	.092	.064	.175	.197	.019	.453
1981	1,427	1,931	995	.088	.062	.176	.197	.021	.455
Site 36. 09244410 Yampa River below diversion, near Hayden, Colo., water years 1975 through 1982.									
1975	819,000	81,220	73	.202	.056	.111	.368	.041	.222
1976	583,800	66,360	84	.197	.056	.114	.368	.044	.221
1977	237,000	36,140	112	.188	.057	.117	.369	.047	.221
1978	1,033,000	109,100	78	.211	.061	.098	.363	.029	.237
1979	904,900	110,000	89	.204	.064	.099	.353	.028	.252
1980	773,900	106,800	101	.200	.064	.104	.340	.029	.263
1981	415,800	64,790	115	.186	.063	.116	.348	.037	.250
1982	824,300	106,700	95	.193	.063	.110	.350	.031	.254
Site 37. 09250600 Wilson Creek near Axial, Colo., water years 1975 through 1980.									
1975	1,632	2,098	946	.104	.081	.144	.205	.151	.314
1976	957	1,368	1,050	.097	.085	.143	.200	.135	.340
1977	316	557	1,300	.085	.092	.141	.186	.118	.378
1978	784	1,030	967	.094	.087	.140	.198	.120	.360
1979	2,777	2,439	646	.112	.083	.133	.214	.113	.345
1980	3,080	2,721	650	.112	.083	.133	.213	.113	.347
Site 38. 09251000 Yampa River near Maybell, Colo., water years 1951 through 1983.									
1951	1,016,000	176,500	128	.174	.063	.119	.368	.049	.227
1952	1,447,000	265,400	135	.183	.065	.106	.365	.037	.245
1953	829,200	160,100	142	.170	.063	.120	.353	.053	.241
1954	522,200	113,100	159	.163	.059	.130	.337	.068	.243
1955	772,600	147,800	141	.180	.058	.117	.352	.058	.235
1956	1,033,000	188,300	134	.191	.053	.112	.362	.050	.232
1957	1,781,000	336,300	139	.203	.052	.101	.363	.034	.247
1958	1,268,000	263,800	153	.188	.053	.110	.345	.038	.265
1959	814,000	153,500	139	.173	.054	.124	.348	.049	.252
1960	1,010,000	192,000	140	.186	.054	.116	.354	.043	.248

1961	629,300	133,100	156	.174	.053	.128	.344	.055	.248
1962	1,492,000	320,200	158	.195	.053	.108	.338	.039	.268
1963	630,300	143,400	167	.182	.047	.128	.320	.063	.260
1964	865,200	174,700	148	.193	.054	.105	.348	.047	.252
1965	1,314,000	227,800	128	.203	.060	.088	.366	.031	.252
1966	702,800	167,800	176	.183	.060	.101	.368	.041	.246
1967	907,000	196,600	159	.179	.065	.094	.377	.038	.247
1968	1,144,000	236,400	152	.181	.068	.095	.368	.042	.246
1969	1,104,000	232,500	155	.174	.067	.104	.355	.044	.258
1970	1,350,000	298,100	162	.164	.064	.111	.329	.042	.289
1971	1,470,000	329,600	165	.167	.062	.114	.329	.039	.289
1972	908,800	199,400	161	.155	.060	.125	.329	.043	.288
1973	1,232,000	250,600	150	.168	.061	.120	.333	.035	.282
1974	1,418,000	283,700	147	.167	.061	.125	.326	.037	.283
1975	1,207,000	264,500	161	.163	.065	.123	.310	.036	.303
1976	826,300	188,300	168	.151	.064	.130	.303	.044	.307
1977	345,100	123,800	264	.138	.065	.133	.279	.046	.339
1978	1,451,000	259,400	131	.133	.058	.113	.306	.032	.319
1979	1,310,000	264,600	149	.163	.061	.115	.291	.031	.339
1980	1,280,000	270,300	155	.159	.059	.117	.279	.031	.355
1981	554,200	151,500	201	.146	.068	.121	.281	.035	.350
1982	1,373,000	288,700	155	.149	.066	.111	.278	.029	.367
1983	1,575,000	362,300	169	.147	.068	.107	.275	.031	.371

Site 39. 09259700 Little Snake River near Baggs, Wyo., water years 1965 through 1968.

1965	474,300	84,480	131	.208	.048	.109	.420	.020	.196
1966	299,200	62,460	154	.198	.048	.119	.403	.023	.210
1967	352,600	69,750	146	.199	.048	.115	.407	.023	.208
1968	467,400	82,020	129	.206	.048	.108	.418	.021	.199

Site 40. 09260000 Little Snake River near Lily, Colo., water years 1951 through 1983.

1951	294,600	84,260	210	.175	.043	.139	.359	.036	.248
1952	728,500	164,900	166	.188	.044	.123	.404	.030	.211
1953	268,700	80,220	220	.164	.043	.143	.341	.043	.267
1954	178,300	59,120	244	.159	.041	.149	.317	.046	.288
1955	233,200	67,980	214	.165	.038	.146	.338	.047	.266
1956	410,900	117,700	211	.177	.031	.148	.358	.045	.240
1957	507,900	122,700	178	.188	.030	.136	.395	.043	.207
1958	424,900	98,790	171	.179	.029	.143	.396	.045	.208
1959	216,000	72,680	247	.149	.030	.174	.316	.056	.275
1960	300,300	74,250	182	.177	.034	.148	.372	.039	.231
1961	162,800	47,910	216	.164	.031	.163	.330	.048	.264
1962	569,100	160,400	207	.168	.030	.161	.364	.049	.228
1963	203,600	67,390	243	.147	.031	.181	.303	.061	.276
1964	318,000	86,780	201	.175	.036	.140	.359	.043	.248
1965	479,700	138,600	213	.184	.036	.122	.387	.033	.238
1966	306,100	102,000	245	.178	.040	.125	.362	.033	.262
1967	346,900	90,450	192	.173	.040	.133	.371	.041	.243
1968	480,000	123,200	189	.160	.041	.146	.365	.042	.247
1969	404,500	105,200	191	.157	.042	.151	.355	.044	.252

Table 6.--Estimates of annual dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Water Year	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concentration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄

Site 40. 09260000 Little Snake River near Lily, Colo., water years 1951 through 1983--Continued									
1970	519,800	125,700	178	0.159	0.042	0.152	0.369	0.044	0.234
1971	642,600	160,100	183	.158	.042	.147	.372	.050	.232
1972	361,000	109,600	223	.151	.039	.161	.337	.052	.260
1973	519,300	142,400	202	.158	.041	.152	.351	.043	.255
1974	538,600	133,600	182	.165	.043	.150	.355	.039	.248
1975	432,500	121,900	207	.160	.043	.151	.336	.041	.269
1976	382,400	111,000	214	.151	.041	.159	.325	.046	.278
1977	103,300	41,400	295	.140	.037	.172	.288	.052	.311
1978	507,000	129,800	188	.153	.039	.155	.323	.041	.289
1979	417,500	92,100	162	.162	.040	.152	.330	.039	.277
1980	557,400	139,000	183	.147	.039	.165	.327	.039	.284
1981	248,300	79,520	236	.145	.038	.167	.301	.046	.303
1982	570,100	119,700	154	.177	.045	.129	.359	.033	.256
1983	671,200	162,300	178	.175	.044	.127	.341	.030	.282

Site 41. 09261000 Green River near Jensen, Utah, water years 1962 through 1983.

1962	4,355,000	1,438,000	243	.186	.044	.117	.290	.045	.319
1963	1,055,000	536,200	374	.165	.041	.137	.247	.069	.341
1964	2,051,000	904,800	325	.056	.139	.122	.075	.024	.583
1965	3,473,000	1,561,000	331	--	--	--	--	--	--
1966	2,327,000	1,248,000	394	.148	.052	.118	.201	.048	.433
1967	2,933,000	1,575,000	395	.137	.059	.123	.209	.047	.425
1968	3,583,000	1,866,000	383	.134	.059	.131	.201	.050	.425
1969	3,608,000	1,875,000	382	.137	.059	.132	.219	.046	.408
1970	3,387,000	1,425,000	309	.141	.054	.137	.238	.049	.382
1971	3,226,000	1,225,000	279	.146	.052	.134	.250	.047	.372
1972	3,142,000	1,436,000	336	.147	.052	.132	.233	.044	.392
1973	3,958,000	1,817,000	338	.149	.053	.130	.227	.042	.400
1974	3,552,000	1,560,000	323	.150	.054	.130	.227	.044	.395
1975	3,608,000	1,685,000	343	.144	.055	.130	.219	.044	.408
1976	3,237,000	1,651,000	375	.144	.055	.129	.211	.042	.419
1977	2,474,000	1,433,000	426	.140	.054	.130	.199	.043	.434
1978	2,966,000	1,207,000	299	.147	.054	.131	.216	.043	.409
1979	3,094,000	1,258,000	299	.144	.054	.136	.216	.044	.407
1980	3,131,000	1,337,000	314	.137	.053	.141	.209	.045	.415
1981	1,904,000	1,029,000	398	.132	.053	.141	.201	.049	.425
1982	3,173,000	1,562,000	362	.137	.053	.134	.214	.043	.420
1983	5,513,000	2,620,000	349	.144	.055	.125	.226	.038	.412

Site 42. 09279500 Duchesne River at Duchesne, Utah, water years 1962 through 1969.

1962	291,600	69,360	175	.207	.068	.065	.372	.021	.266
1963	195,000	55,220	208	.193	.073	.069	.358	.025	.281
1964	243,600	63,860	193	.202	.072	.064	.363	.025	.273
1965	366,000	82,160	165	.213	.069	.060	.382	.025	.251
1966	206,900	63,440	225	.195	.075	.065	.356	.029	.279
1967	303,300	73,580	178	.202	.073	.060	.370	.025	.271
1968	297,000	77,170	191	.203	.073	.058	.366	.025	.276
1969	313,100	83,670	197	.210	.072	.053	.388	.023	.254

Site 43. 09302000 Duchesne River near Randlett, Utah, water years 1957 through 1983.

1957	406,500	357,600	647	.110	.055	.156	.180	.072	.427
1958	465,700	385,300	608	.112	.055	.153	.188	.069	.422
1959	161,400	214,500	977	.094	.055	.141	.179	.079	.462
1960	171,300	207,900	892	.098	.054	.166	.152	.072	.458
1961	106,500	157,700	1,090	.094	.053	.172	.130	.080	.472
1962	525,600	412,200	577	.121	.050	.142	.213	.056	.418
1963	217,100	280,400	950	.107	.054	.156	.152	.080	.451
1964	350,400	319,500	670	.119	.062	.128	.198	.067	.426
1965	820,100	643,400	577	.136	.067	.097	.230	.030	.440
1966	382,100	434,400	836	.132	.044	.150	.164	.068	.443
1967	589,400	505,200	630	.115	.059	.144	.198	.067	.416
1968	559,000	496,100	653	.109	.061	.147	.189	.069	.426
1969	643,800	559,700	639	.109	.066	.140	.199	.070	.416
1970	197,500	267,400	995	.100	.063	.148	.148	.077	.464
1971	311,800	290,500	685	.110	.060	.133	.165	.074	.457
1972	350,600	338,300	709	.110	.059	.139	.169	.068	.455
1973	583,300	525,100	662	.109	.060	.150	.182	.064	.435
1974	336,100	318,900	698	.107	.060	.155	.172	.063	.443
1975	418,400	275,000	483	.112	.058	.150	.194	.060	.427
1976	222,200	288,200	953	.100	.055	.161	.153	.064	.467
1977	69,510	130,300	1,380	.086	.053	.175	.124	.071	.492
1978	228,000	227,800	735	.102	.056	.159	.177	.070	.437
1979	354,300	384,500	798	.099	.058	.164	.175	.075	.429
1980	323,300	285,000	648	.100	.058	.158	.178	.071	.435
1981	205,400	215,600	772	.103	.060	.157	.168	.069	.443
1982	476,900	352,300	543	.111	.063	.145	.209	.064	.407
1983	1,257,000	616,500	361	.124	.067	.130	.264	.055	.360

Site 44. 09304800 White River below Meeker, Colo., water years 1974 through 1983.

1974	481,100	194,400	297	.201	.054	.087	.273	.069	.316
1975	524,500	200,300	281	.203	.054	.086	.280	.067	.311
1976	380,500	172,400	333	.194	.053	.093	.256	.076	.329
1977	210,100	126,700	443	.181	.051	.100	.225	.089	.355
1978	525,800	192,400	269	.201	.053	.082	.270	.071	.323
1979	522,700	185,900	262	.202	.051	.082	.270	.072	.322
1980	462,100	178,100	283	.198	.052	.084	.256	.074	.337
1981	308,000	144,700	345	.191	.053	.084	.237	.068	.367
1982	493,600	174,300	260	.211	.057	.067	.282	.039	.344
1983	684,200	205,900	221	.219	.058	.059	.318	.028	.318

Table 6.--Estimates of annual dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Water Year	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concentration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 45. 09306200 Piceance Creek below Ryan Gulch near Rio Blanco, Colo., water years 1971 through 1983.									
1971	11,910	16,070	993	0.079	0.076	0.176	0.302	0.016	0.351
1972	7,937	11,630	1,080	.074	.077	.179	.300	.016	.355
1973	21,100	27,660	964	.089	.079	.162	.292	.013	.365
1974	19,800	27,870	1,040	.084	.080	.166	.291	.013	.366
1975	21,170	29,550	1,030	.085	.080	.167	.283	.013	.371
1976	18,360	25,580	1,020	.084	.081	.169	.283	.014	.370
1977	9,221	14,180	1,130	.077	.080	.176	.276	.014	.376
1978	11,560	16,350	1,040	.080	.079	.173	.286	.015	.367
1979	20,790	24,880	880	.085	.077	.171	.300	.015	.353
1980	25,710	29,350	839	.086	.075	.173	.302	.015	.351
1981	12,550	17,690	1,040	.074	.075	.181	.291	.014	.365
1982	12,710	17,650	1,020	.073	.074	.183	.291	.016	.362
1983	51,460	49,240	704	.103	.074	.158	.303	.019	.343
Site 46. 09306222 Piceance Creek at White River, Colo., water years 1971 through 1983.									
1971	12,580	23,130	1,350	.044	.051	.269	.356	.038	.242
1972	9,519	21,250	1,640	.035	.047	.292	.357	.044	.225
1973	23,580	52,970	1,650	.039	.055	.268	.323	.034	.281
1974	24,730	48,970	1,460	.046	.060	.249	.323	.030	.293
1975	24,570	47,530	1,420	.045	.060	.250	.318	.030	.295
1976	19,570	36,600	1,380	.046	.060	.246	.322	.030	.295
1977	10,540	22,860	1,600	.037	.054	.263	.329	.034	.283
1978	12,710	23,810	1,380	.049	.057	.252	.324	.032	.286
1979	27,920	43,950	1,160	.055	.061	.235	.322	.027	.300
1980	29,860	42,830	1,050	.059	.063	.229	.310	.024	.315
1981	15,820	27,530	1,280	.047	.058	.249	.317	.029	.300
1982	15,960	29,330	1,350	.044	.055	.254	.328	.031	.288
1983	65,170	72,790	821	.079	.066	.201	.316	.025	.313
Site 47. 09306255 Yellow Creek near White River, Colo., water years 1974 through 1982.									
1974	1,741	5,562	2,350	.016	.047	.304	.341	.050	.241
1975	1,143	3,760	2,420	.013	.045	.313	.349	.052	.229
1976	1,059	3,536	2,460	.013	.046	.311	.351	.052	.227
	925	3,335	2,650	.011	.042	.316	.361	.054	.215
1978	1,638	4,747	2,130	.011	.041	.319	.361	.049	.218
1979	1,026	3,218	2,310	.014	.043	.321	.352	.061	.210

1980	2,067	4,512	1,610	.015	.041	.321	.340	.060	.222
1981	1,390	4,010	2,120	.014	.045	.308	.335	.053	.244
1982	1,627	3,952	1,790	.015	.045	.308	.336	.053	.243

Site 48. 09306300 White River above Rangely, Colo., water years 1975 through 1982.

1975	549,100	246,700	330	.164	.053	.120	.276	.066	.321
1976	414,600	225,200	399	.157	.053	.127	.258	.071	.334
1977	226,000	172,600	562	.140	.052	.142	.221	.086	.358
1978	520,100	259,200	366	.161	.053	.130	.259	.066	.331
1979	545,700	284,100	383	.157	.054	.130	.253	.063	.343
1980	498,400	256,900	379	.156	.054	.130	.251	.063	.346
1981	325,300	194,500	440	.152	.055	.126	.239	.063	.365
1982	480,700	231,000	353	.164	.056	.117	.263	.052	.349

Site 49. 09306430 Evacuation Creek near Watson, Utah, water years 1975 through 1981.

1975	817	2,619	2,360	.058	.042	.205	.074	.014	.607
1976	1,116	2,784	1,830	.063	.041	.205	.076	.014	.602
1977	490	1,532	2,300	.060	.040	.206	.077	.013	.604
1978	437	1,178	1,980	.060	.039	.216	.084	.011	.590
1979	1,170	2,706	1,700	.058	.046	.207	.102	.009	.578
1980	2,902	4,377	1,110	.064	.044	.204	.110	.018	.559
1981	908	3,109	2,520	.052	.048	.206	.085	.007	.601

Site 50. 09306500 White River near Watson, Utah, water years 1951 through 1983.

1951	467,800	265,000	417	.155	.047	.136	.233	.110	.319
1952	694,400	422,700	448	.168	.046	.127	.270	.091	.298
1953	475,900	311,300	481	.144	.045	.149	.253	.109	.302
1954	340,600	273,300	590	.134	.045	.158	.224	.117	.322
1955	388,000	255,400	484	.145	.047	.148	.229	.114	.318
1956	419,200	260,100	456	.150	.048	.142	.226	.111	.322
1957	728,100	434,000	438	.169	.049	.126	.262	.088	.305
1958	594,700	375,900	465	.167	.047	.133	.242	.097	.313
1959	415,900	250,500	443	.150	.045	.147	.227	.113	.319
1960	401,000	236,900	435	.151	.044	.147	.228	.118	.313
1961	345,800	227,300	483	.145	.042	.154	.212	.128	.318
1962	667,600	407,600	449	.171	.041	.136	.232	.112	.308
1963	337,000	239,300	522	--	--	--	--	--	--
1964	396,100	281,900	523	--	--	--	--	--	--
1965	565,800	348,900	453	--	--	--	--	--	--
1966	364,800	268,600	541	.135	.047	.156	.206	.126	.330
1967	386,200	260,100	495	.144	.051	.145	.230	.116	.314
1968	473,000	300,500	467	.143	.051	.141	.230	.084	.351
1969	481,700	280,100	428	.148	.056	.126	.272	.069	.329
1970	564,500	286,200	373	.160	.056	.118	.277	.059	.331
1971	531,000	241,400	334	.167	.055	.113	.279	.062	.325
1972	422,700	216,600	377	.157	.053	.123	.261	.071	.334
1973	565,500	323,900	421	.142	.050	.144	.247	.080	.337
1974	515,500	299,300	427	.139	.053	.146	.246	.075	.342

Table 6.--Estimates of annual dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Water Year	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concentration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 50. 09306500 White River near Watson, Utah, water years 1951 through 1983--Continued									
1975	558,800	273,100	359	0.149	0.055	0.132	0.260	0.065	0.340
1976	396,700	215,300	399	.149	.055	.133	.251	.069	.344
1977	223,200	154,600	509	.140	.054	.139	.225	.079	.364
1978	532,300	264,800	366	.158	.053	.126	.246	.062	.355
1979	553,900	255,900	340	.160	.057	.117	.267	.058	.340
1980	526,500	282,200	394	.148	.058	.127	.250	.060	.357
1981	337,200	175,100	382	.162	.057	.116	.249	.061	.356
1982	573,200	257,800	331	.170	.059	.106	.278	.045	.342
1983	815,100	418,500	378	.150	.063	.112	.275	.033	.367
Site 51. 09306850 Bitter Creek at mouth, near Bonanza, Utah, water years 1975 through 1983.									
1975	687	96,990	10,400	.025	.047	.230	.031	.014	.654
1976	797	10,270	9,470	.026	.048	.226	.032	.014	.653
1977	473	84,540	13,100	.019	.041	.242	.024	.016	.658
1978	419	86,380	15,200	.013	.040	.250	.023	.015	.660
1979	529	84,790	11,800	.013	.041	.248	.022	.014	.662
1980	1,200	11,690	7,160	.027	.053	.219	.027	.013	.661
1981	1,398	16,520	8,690	.033	.060	.202	.024	.016	.664
1982	1,699	13,330	5,770	.044	.066	.189	.039	.015	.648
1983	5,320	27,670	3,820	.065	.085	.152	.047	.012	.639
Site 52. 09306900 White River at mouth, near Ouray, Utah, water years 1975 through 1983.									
1975	570,100	292,100	377	.143	.053	.136	.269	.061	.338
1976	414,900	254,400	451	.138	.052	.143	.251	.067	.349
1977	225,300	169,700	554	.129	.050	.152	.225	.077	.368
1978	535,600	289,500	397	.152	.048	.127	.277	.062	.333
1979	586,300	340,500	427	.138	.049	.131	.290	.055	.337
1980	546,500	343,200	462	.130	.052	.134	.280	.054	.349
1981	326,200	221,800	500	.133	.053	.143	.236	.060	.375
1982	582,900	310,500	392	.144	.055	.129	.253	.043	.376
1983	843,200	481,600	420	.135	.061	.128	.244	.031	.400
Site 53. 09314500 Price River at Woodside, Utah, water years 1949 through 1983.									
1949	84,100	287,100	2,510	.081	.052	.166	.057	.023	.621
1950	67,740	261,600	2,840	.075	.053	.169	.052	.023	.628
1951	60,080	243,500	2,980	.068	.056	.174	.052	.021	.629

1952	247,800	463,100	1,370	.098	.058	.152	.091	.022	.579
1953	58,870	257,000	3,210	.067	.057	.173	.050	.021	.632
1954	52,430	229,200	3,210	.068	.055	.172	.046	.021	.637
1955	44,430	198,900	3,290	.068	.054	.173	.047	.021	.636
1956	24,650	127,100	3,790	.065	.056	.174	.042	.022	.641
1957	74,360	273,200	2,700	.075	.054	.159	.115	.022	.576
1958	132,000	388,800	2,170	.116	.043	.137	.054	.016	.635
1959	32,270	154,000	3,510	.069	.052	.168	.041	.019	.651
1960	23,430	109,000	3,420	.080	.047	.162	.043	.020	.648
1961	52,960	120,500	1,670	.106	.042	.146	.087	.019	.600
1962	89,370	245,800	2,020	.127	.038	.136	.089	.019	.592
1963	52,250	170,400	2,400	--	--	--	--	--	--
1964	33,250	135,500	3,000	--	--	--	--	--	--
1965	100,200	281,900	2,070	--	--	--	--	--	--
1966	66,620	260,200	2,870	--	--	--	--	--	--
1967	76,550	247,900	2,380	.065	.060	.165	.071	.019	.619
1968	101,100	278,700	2,030	.080	.055	.158	.073	.019	.616
1969	162,400	373,900	1,690	.093	.051	.155	.086	.018	.598
1970	63,760	261,600	3,020	.070	.058	.165	.056	.018	.633
1971	52,610	194,300	2,720	.069	.058	.167	.060	.018	.628
1972	45,550	180,900	2,920	.070	.056	.166	.057	.018	.633
1973	139,000	339,200	1,790	.087	.055	.152	.082	.021	.602
1974	39,120	159,300	2,990	.074	.054	.163	.051	.019	.639
1975	97,550	237,700	1,790	.083	.057	.157	.081	.021	.602
1976	42,650	169,100	2,910	.075	.057	.164	.060	.019	.627
1977	22,670	89,620	2,910	.072	.058	.163	.066	.019	.622
1978	42,950	137,600	2,360	.075	.061	.162	.080	.021	.601
1979	110,300	255,900	1,710	.080	.062	.149	.144	.022	.544
1980	183,500	355,600	1,430	.082	.062	.146	.153	.024	.534
1981	55,260	180,500	2,400	.076	.060	.161	.065	.024	.614
1982	126,500	247,700	1,440	.089	.063	.151	.103	.025	.569
1983	346,700	383,200	813	.108	.063	.135	.162	.025	.507

Site 54. 09315000 Green River at Green River, Utah, water years 1929 through 1983.

1929	6,464,000	3,278,000	373	.147	.054	.136	.227	.056	.380
1930	4,554,000	2,703,000	436	.140	.054	.141	.210	.061	.394
1931	2,391,000	1,674,000	515	.131	.053	.147	.195	.070	.404
1932	4,823,000	2,402,000	366	.149	.053	.138	.234	.059	.367
1933	3,525,000	1,964,000	410	.143	.052	.143	.220	.063	.378
1934	1,307,000	1,020,000	574	.120	.052	.159	.179	.079	.410
1935	2,850,000	1,590,000	410	.143	.053	.142	.226	.067	.368
1936	4,147,000	2,102,000	373	.158	.054	.130	.255	.060	.344
1937	4,134,000	2,394,000	426	--	--	--	--	--	--
1938	4,747,000	2,754,000	427	--	--	--	--	--	--
1939	3,420,000	2,269,000	488	--	--	--	--	--	--
1940	2,376,000	1,834,000	568	--	--	--	--	--	--
1941	4,242,000	2,879,000	499	--	--	--	--	--	--
1942	4,990,000	3,257,000	480	--	--	--	--	--	--
1943	4,270,000	2,449,000	422	.141	.050	.139	.228	.056	.386
1944	4,481,000	2,686,000	441	.141	.051	.138	.231	.054	.384
1945	4,159,000	2,442,000	432	.143	.052	.136	.237	.055	.376

Table 6.--Estimates of annual dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Water Year	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
		Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 54. 09315000 Green River at Green River, Utah, water years 1929 through 1983--Continued										
1946	3,469,000	2,085,000	442	0.142	0.053	0.137	0.234	0.057	0.377	
1947	5,483,000	2,963,000	397	.151	.052	.131	.252	.053	.361	
1948	4,148,000	2,395,000	425	.143	.052	.135	.235	.053	.381	
1949	4,897,000	2,783,000	418	.148	.053	.130	.249	.050	.371	
1950	5,513,000	3,222,000	430	.148	.053	.128	.245	.049	.377	
1951	4,722,000	2,678,000	417	.149	.054	.128	.247	.050	.372	
1952	6,838,000	4,137,000	445	.149	.052	.133	.242	.048	.375	
1953	3,395,000	2,235,000	484	.135	.054	.140	.215	.055	.401	
1954	2,618,000	1,782,000	500	.131	.054	.143	.203	.059	.410	
1955	2,839,000	1,804,000	467	.137	.051	.142	.213	.059	.398	
1956	4,057,000	2,051,000	372	.147	.050	.135	.238	.055	.375	
1957	5,500,000	2,717,000	363	.154	.049	.131	.238	.050	.378	
1958	4,466,000	2,496,000	411	.144	.049	.137	.218	.051	.401	
1959	2,755,000	1,696,000	453	.134	.048	.145	.205	.056	.412	
1960	3,019,000	1,702,000	415	.144	.047	.140	.214	.055	.400	
1961	2,026,000	1,319,000	479	.139	.048	.144	.202	.060	.408	
1962	5,828,000	3,067,000	387	.166	.050	.120	.233	.046	.384	
1963	1,663,000	1,398,000	618	.125	.051	.151	.181	.067	.425	
1964	2,785,000	1,808,000	477	.128	.054	.141	.202	.061	.415	
1965	5,134,000	3,097,000	444	.141	.053	.130	.208	.049	.419	
1966	3,211,000	2,361,000	541	.129	.054	.138	.184	.053	.442	
1967	4,000,000	2,853,000	525	.132	.054	.135	.184	.049	.446	
1968	4,651,000	3,243,000	513	.130	.054	.134	.185	.047	.450	
1969	4,920,000	3,391,000	507	.131	.057	.132	.197	.047	.435	
1970	4,268,000	2,620,000	451	.128	.058	.135	.213	.046	.421	
1971	4,057,000	2,368,000	429	.128	.056	.139	.223	.045	.410	
1972	4,003,000	2,470,000	454	.132	.054	.142	.190	.047	.436	
1973	5,388,000	3,337,000	455	.132	.054	.140	.196	.045	.433	
1974	4,468,000	2,666,000	439	.131	.055	.139	.192	.046	.438	
1975	4,947,000	2,929,000	435	.130	.054	.137	.202	.044	.434	
1976	3,863,000	2,629,000	500	.131	.053	.133	.197	.042	.443	
1977	2,752,000	2,045,000	546	.127	.053	.135	.201	.044	.439	
1978	3,779,000	2,106,000	410	.125	.053	.128	.252	.042	.401	
1979	4,373,000	2,726,000	458	.118	.053	.135	.240	.041	.413	
1980	4,317,000	2,647,000	451	.118	.053	.135	.235	.041	.417	
1981	2,501,000	1,855,000	545	.117	.054	.147	.180	.046	.456	
1982	4,256,000	2,431,000	420	.130	.055	.137	.202	.043	.433	
1983	8,043,000	4,417,000	404	.132	.057	.131	.219	.038	.422	

Site 55. 09324500 Cottonwood Creek near Orangeville, Utah, water years 1976 through 1983.

1976	53,890	16,380	224	.198	.104	.057	.497	.022	.122
1977	21,640	7,428	252	.185	.104	.064	.468	.025	.153
1978	48,050	14,970	229	.195	.102	.058	.489	.026	.130
1979	70,270	21,110	221	.201	.099	.054	.506	.025	.115
1980	81,720	23,930	215	.199	.099	.052	.515	.023	.112
1981	50,430	16,020	234	.191	.102	.058	.499	.024	.126
1982	77,530	24,280	230	.202	.099	.054	.518	.022	.104
1983	176,600	53,400	222	.215	.095	.049	.535	.020	.087

Site 56. 09328100 San Rafael River at San Rafael Bridge Campground, near Castle Dale, Utah, water years 1976 through 1983.

1976	32,260	116,300	2,650	.090	.059	.141	.055	.015	.640
1977	14,430	58,360	2,970	.085	.057	.151	.048	.016	.643
1978	35,340	102,100	2,120	.093	.060	.135	.066	.016	.631
1979	70,240	154,400	1,620	.091	.062	.149	.087	.017	.593
1980	144,200	254,100	1,300	.095	.063	.146	.114	.017	.564
1981	37,300	125,700	2,480	.093	.060	.154	.060	.018	.625
1982	92,900	187,200	1,480	.098	.062	.144	.094	.019	.582
1983	307,100	341,300	817	.115	.064	.129	.159	.018	.515

Site 57. 09328500 San Rafael River near Green River, Utah, water years 1947 through 1983.

1947	111,800	254,500	1,670	.102	.057	.139	.079	.018	.605
1948	66,950	176,100	1,930	.098	.055	.143	.069	.019	.616
1949	130,800	250,200	1,410	.103	.058	.136	.094	.018	.592
1950	55,140	170,900	2,280	.092	.057	.147	.062	.018	.623
1951	68,270	183,000	1,970	.090	.055	.153	.071	.018	.612
1952	314,700	470,700	1,100	.105	.055	.141	.114	.018	.566
1953	80,920	234,600	2,130	.090	.055	.153	.067	.019	.617
1954	40,820	151,900	2,740	.086	.055	.154	.054	.019	.631
1955	31,770	111,100	2,570	.091	.054	.149	.056	.020	.630
1956	34,220	92,560	1,990	.098	.054	.145	.067	.021	.616
1957	155,000	236,900	1,120	.107	.053	.138	.104	.018	.580
1958	200,600	332,300	1,220	.108	.053	.139	.095	.018	.587
1959	23,790	89,450	2,770	.088	.052	.150	.046	.019	.645
1960	38,080	100,800	1,950	.104	.048	.137	.062	.018	.631
1961	50,870	155,300	2,240	.107	.047	.132	.058	.017	.639
1962	113,000	201,900	1,310	.126	.042	.124	.081	.017	.610
1963	50,110	156,700	2,300	.096	.054	.146	.072	.017	.615
1964	59,360	151,100	1,870	.099	.057	.142	.082	.018	.603
1965	174,000	281,800	1,190	.107	.056	.136	.110	.016	.574
1966	43,080	146,000	2,490	.089	.053	.152	.055	.017	.634
1967	53,390	146,400	2,020	.096	.049	.147	.059	.016	.632
1968	67,570	188,100	2,050	.090	.053	.149	.059	.017	.632
1969	130,800	270,700	1,520	.097	.055	.144	.080	.018	.607
1970	99,430	206,700	1,530	.094	.056	.144	.081	.018	.607
1971	40,140	137,000	2,510	.086	.053	.151	.057	.017	.635
1972	29,590	115,000	2,860	.086	.052	.153	.054	.018	.637
1973	138,600	277,000	1,470	.089	.055	.152	.082	.018	.604

Table 6.--Estimates of annual dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Water Year	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concentration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 57. 09328500 San Rafael River near Green River, Utah, water years 1947 through 1983--Continued									
1974	36,910	144,900	2,890	0.085	0.055	0.153	0.056	0.019	0.632
1975	91,580	213,800	1,720	.092	.057	.147	.075	.017	.612
1976	24,920	99,690	2,940	.095	.053	.140	.057	.019	.636
1977	15,170	61,390	2,980	.094	.053	.140	.057	.020	.635
1978	42,530	129,000	2,230	.097	.054	.135	.066	.019	.628
1979	79,050	208,400	1,940	.082	.061	.155	.089	.020	.593
1980	146,100	304,500	1,530	.092	.059	.148	.118	.021	.563
1981	42,370	137,200	2,380	.087	.057	.151	.065	.021	.619
1982	98,120	189,000	1,420	.095	.062	.144	.093	.020	.586
1983	340,600	328,100	708	.113	.064	.128	.162	.018	.515
Site 58. 09333500 Dirty Devil River above Poison Springs Wash, near Hanksville, Utah, water years 1969 through 1976.									
1969	70,390	116,100	1,210	.159	.034	.118	.072	.093	.524
1970	58,450	105,600	1,330	.158	.035	.118	.067	.091	.531
1971	46,360	81,240	1,290	.155	.035	.122	.069	.098	.520
1972	41,960	73,280	1,280	.143	.036	.140	.072	.114	.495
1973	--	--	--	--	--	--	--	--	--
1974	58,450	43,230	544	.171	.034	.081	.139	.056	.519
1975	67,190	97,990	1,070	.161	.036	.117	.087	.105	.494
1976	53,920	80,510	1,100	.161	.035	.118	.085	.104	.496
Site 59. 09335000 Colorado River at Hite, Utah, water years 1951 through 1956.									
1951	8,784,000	7,277,000	609	.133	.050	.144	.155	.098	.421
1952	14,790,000	8,668,000	431	.146	.049	.133	.195	.085	.391
1953	7,767,000	6,915,000	655	.131	.049	.145	.145	.099	.431
1954	5,015,000	5,577,000	818	.123	.048	.152	.121	.111	.444
1955	6,237,000	5,526,000	651	.131	.047	.148	.137	.108	.429
1956	7,694,000	5,734,000	548	.134	.047	.145	.150	.105	.419
Site 60. 09352900 Vallecito Creek near Bayfield, Colo., water years 1963 through 1983.									
1963	78,190	4,451	42	.262	.049	.027	.358	.048	.255
1964	69,600	3,930	42	.262	.050	.027	.356	.049	.257
1965	141,400	7,010	36	.243	.072	.042	.375	.018	.250
1966	105,400	4,642	32	.246	.075	.038	.391	.022	.228

Table 6.--Estimates of annual dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Water Year	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
		Load (tons)	Concentration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 62. 09364500 Animas River at Farmington, N. Mex., water years 1955 through 1983.										
1955	412,500	182,300	325	0.209	0.029	0.098	0.197	0.053	0.414	
1956	365,100	152,100	306	.208	.029	.099	.197	.052	.415	
1957	969,600	292,100	222	.224	.028	.087	.232	.049	.379	
1958	913,000	309,700	249	.226	.029	.087	.226	.053	.379	
1959	277,600	153,300	406	.194	.025	.113	.173	.065	.430	
1960	609,300	225,100	272	.222	.028	.091	.221	.052	.386	
1961	489,000	206,600	311	.217	.027	.096	.208	.059	.394	
1962	577,800	213,100	271	.228	.023	.091	.218	.059	.382	
1963	376,000	180,400	353	.215	.026	.097	.200	.059	.402	
1964	305,900	142,500	343	.217	.027	.091	.201	.048	.417	
1965	850,800	254,500	220	.239	.027	.073	.252	.036	.373	
1966	540,400	208,900	284	.230	.029	.078	.233	.039	.391	
1967	315,300	150,700	351	.217	.033	.089	.219	.044	.399	
1968	545,700	187,700	253	.235	.032	.071	.251	.033	.378	
1969	611,400	205,800	248	.236	.032	.072	.255	.032	.373	
1970	608,300	205,200	248	.236	.032	.071	.254	.032	.375	
1971	487,900	190,500	287	.224	.033	.080	.237	.038	.389	
1972	391,300	158,900	299	.220	.033	.077	.236	.040	.393	
1973	1,176,000	361,500	226	.229	.034	.067	.267	.035	.367	
1974	308,100	141,500	338	.216	.034	.082	.227	.045	.395	
1975	876,800	236,100	198	.229	.034	.073	.225	.037	.373	
1976	449,500	190,900	312	.220	.032	.084	.224	.042	.398	
1977	172,900	103,200	439	.213	.031	.088	.194	.048	.426	
1978	580,700	188,600	239	.231	.035	.074	.233	.039	.387	
1979	1,043,000	293,200	207	.235	.038	.069	.257	.034	.366	
1980	841,200	276,900	242	.225	.038	.076	.247	.036	.378	
1981	322,500	150,700	344	.213	.034	.083	.219	.044	.406	
1982	717,300	244,000	250	.222	.034	.073	.265	.036	.371	
1983	820,100	263,300	236	.220	.033	.076	.263	.033	.375	
Site 63. 09365000 San Juan River at Farmington, N. Mex., water years 1962 through 1982.										
1962	1,469,000	428,900	215	.213	.022	.101	.244	.030	.390	
1963	527,100	283,600	396	.183	.021	.126	.189	.033	.448	
1964	705,000	327,900	342	.191	.022	.121	.205	.029	.431	
1965	1,922,000	587,100	225	.205	.024	.105	.253	.023	.390	
1966	1,790,000	551,000	226	.201	.025	.105	.251	.024	.395	
1967	789,300	391,400	365	.174	.023	.130	.195	.025	.452	
1968	911,800	375,500	303	.192	.022	.114	.219	.023	.428	
1969	1,518,000	519,600	252	.204	.026	.103	.243	.020	.403	
1970	1,357,000	477,400	259	.199	.026	.109	.239	.021	.405	

1971	1,267,000	445,500	259	.197	.028	.108	.236	.024	.408
1972	944,900	391,600	305	.187	.028	.119	.224	.026	.416
1973	2,408,000	801,300	245	.200	.031	.108	.262	.025	.374
1974	1,075,000	386,700	265	.191	.032	.116	.232	.027	.402
1975	1,737,000	605,800	256	.192	.030	.116	.237	.025	.399
1976	1,152,000	422,800	270	.189	.030	.119	.229	.026	.407
1977	621,700	303,300	359	.169	.026	.145	.189	.028	.442
1978	943,000	381,600	298	.181	.028	.129	.202	.028	.433
1979	2,587,000	755,400	215	.198	.031	.110	.239	.026	.396
1980	1,796,000	516,500	211	.196	.033	.108	.239	.027	.395
1981	924,100	305,400	243	.191	.031	.112	.225	.031	.409
1982	1,424,000	443,500	229	.198	.033	.106	.236	.030	.396

Site 64. 09367950 Chaco River near Waterflow, N. Mex., water years 1977 through 1983.

1977	27,090	45,680	1,240	.135	.028	.152	.051	.070	.563
1978	25,070	38,260	1,120	.110	.027	.174	.055	.064	.571
1979	61,640	42,070	502	.080	.015	.232	.130	.049	.495
1980	18,270	21,920	882	.093	.024	.203	.083	.064	.533
1981	15,060	20,600	1,010	.099	.028	.192	.075	.068	.538
1982	37,080	33,860	671	.112	.028	.178	.103	.075	.503
1983	30,320	31,250	758	.115	.033	.168	.087	.071	.527

Site 65. 09368000 San Juan River at Shiprock, N. Mex., water years 1960 through 1983.

1960	1,697,000	675,100	293	.179	.027	.125	.208	.038	.423
1961	1,183,000	592,500	368	.168	.027	.136	.180	.041	.449
1962	1,442,000	563,400	287	.178	.029	.121	.198	.041	.433
1963	508,500	402,500	582	.154	.026	.144	.140	.042	.494
1964	694,400	471,700	499	.164	.024	.138	.159	.034	.481
1965	1,934,000	789,100	300	.182	.026	.122	.207	.028	.435
1966	1,751,000	707,300	297	.183	.030	.120	.203	.030	.435
1967	810,200	567,600	515	.151	.024	.158	.155	.029	.483
1968	888,500	487,000	403	.168	.028	.131	.176	.028	.469
1969	1,534,000	650,000	312	.182	.029	.115	.207	.024	.443
1970	1,366,000	622,600	335	.174	.029	.123	.198	.025	.450
1971	1,225,000	545,800	328	.178	.031	.118	.189	.030	.454
1972	879,300	461,500	386	.166	.033	.127	.175	.031	.468
1973	2,480,000	963,600	286	.178	.031	.119	.222	.028	.421
1974	1,019,000	459,000	331	.176	.034	.120	.195	.033	.443
1975	1,745,000	742,300	313	.171	.031	.128	.196	.030	.445
1976	999,800	439,900	324	.173	.035	.121	.184	.035	.452
1977	566,700	377,500	490	.155	.030	.137	.150	.036	.492
1978	858,300	436,800	374	.169	.033	.127	.168	.036	.468
1979	2,683,000	1,045,000	286	.170	.031	.131	.194	.030	.445
1980	1,879,000	680,500	266	.176	.034	.118	.206	.031	.435
1981	947,600	465,100	361	.166	.035	.124	.179	.033	.462
1982	1,404,000	551,700	289	.180	.035	.113	.217	.030	.425
1983	1,917,000	676,900	260	.186	.035	.105	.241	.029	.405

Table 6.--Estimates of annual dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Water Year	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concentration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 66. 09370800 Mancos River near Cortez, Colo., water years 1977 through 1982.									
1977	4,939	12,050	1,790	0.127	0.074	0.083	0.065	0.010	0.641
1978	33,090	29,940	665	.146	.066	.081	.098	.011	.596
1979	91,060	66,090	534	.144	.066	.085	.109	.012	.584
1980	80,990	63,500	577	.143	.066	.086	.105	.012	.588
1981	15,620	32,390	1,530	.118	.073	.091	.061	.014	.642
1982	44,120	40,320	672	.141	.068	.087	.107	.012	.584
Site 67. 09372000 McElmo Creek near Colorado-Utah State line, Colo., water years 1978 through 1981.									
1978	17,950	61,550	2,520	.119	.076	.088	.063	.020	.634
1979	52,920	151,300	2,100	.127	.076	.083	.068	.021	.625
1980	48,910	141,800	2,130	.126	.076	.084	.069	.021	.624
1981	26,820	86,070	2,360	.121	.075	.087	.065	.021	.631
Site 68. 09379500 San Juan River near Bluff, Utah, water years 1930 through 1983.									
1930	1,724,000	1,030,000	440	.170	.039	.123	.179	.026	.463
1931	887,600	659,700	547	.162	.038	.123	.154	.028	.496
1932	2,948,000	1,422,000	355	.178	.036	.119	.200	.023	.443
1933	1,242,000	823,100	487	.165	.037	.124	.164	.026	.483
1934	661,900	535,700	595	.158	.036	.132	.142	.029	.503
1935	2,183,000	1,083,000	365	.181	.037	.116	.212	.024	.429
1936	1,631,000	965,800	436	.175	.037	.122	.188	.025	.454
1937	2,336,000	1,213,000	382	.181	.038	.116	.209	.022	.434
1938	2,466,000	1,260,000	376	.181	.039	.114	.213	.023	.429
1939	1,239,000	771,700	458	.168	.038	.124	.175	.026	.470
1940	997,900	725,800	535	.157	.037	.134	.156	.028	.488
1941	4,242,000	2,325,000	403	.176	.039	.123	.207	.024	.432
1942	3,078,000	1,707,000	408	.177	.039	.120	.205	.025	.434
1943	1,445,000	921,300	469	.167	.042	.114	.174	.031	.472
1944	2,289,000	1,090,000	350	.183	.040	.105	.221	.030	.421
1945	1,620,000	948,200	431	.172	.041	.113	.192	.031	.451
1946	864,700	674,500	574	.157	.041	.121	.152	.032	.497
1947	1,489,000	953,000	471	.171	.037	.117	.174	.028	.473
1948	2,318,000	1,081,000	343	.181	.038	.109	.206	.026	.440
1949	2,523,000	1,196,000	349	.181	.040	.105	.212	.027	.436
1950	902,400	611,300	498	.161	.042	.116	.158	.032	.491
1951	668,300	488,300	537	.155	.041	.119	.146	.034	.504
1952	2,542,000	1,087,000	315	.181	.039	.105	.222	.028	.425

1953	945,500	649,200	505	.158	.038	.124	.154	.033	.493
1954	984,800	781,600	584	.157	.036	.129	.149	.031	.499
1955	988,600	696,300	518	.161	.035	.125	.158	.032	.489
1956	861,600	530,500	453	.161	.035	.128	.158	.036	.482
1957	2,603,000	1,230,000	347	.180	.030	.118	.206	.029	.438
1958	2,551,000	1,188,000	343	.178	.030	.120	.130	.032	.439
1959	618,100	503,100	599	.145	.037	.141	.130	.043	.504
1960	1,690,000	841,300	366	.168	.032	.123	.185	.036	.456
1961	1,188,000	745,900	462	.158	.033	.133	.159	.039	.477
1962	1,511,000	854,800	416	.170	.031	.125	.181	.039	.454
1963	625,400	644,800	758	.153	.036	.133	.151	.036	.491
1964	792,300	715,800	664	.145	.043	.127	.144	.036	.505
1965	2,028,000	1,136,000	412	.160	.042	.118	.180	.031	.470
1966	1,970,000	1,120,000	632	.158	.042	.128	.177	.031	.474
1967	918,900	790,100	594	.143	.042	.128	.139	.033	.515
1968	1,017,000	821,800	474	.147	.042	.124	.149	.033	.505
1969	1,653,000	1,169,000	520	.156	.043	.119	.169	.033	.479
1970	1,531,000	1,002,000	481	.157	.042	.121	.174	.033	.474
1971	1,340,000	863,800	541	.156	.041	.129	.162	.034	.478
1972	985,100	724,900	460	.147	.039	.134	.137	.034	.508
1973	3,024,000	1,891,000	460	.152	.035	.131	.173	.034	.475
1974	1,065,000	713,600	492	.152	.043	.127	.152	.037	.490
1975	1,910,000	991,800	382	.159	.042	.118	.185	.033	.464
1976	1,131,000	708,600	461	.158	.041	.119	.170	.032	.479
1977	611,200	487,000	586	.144	.038	.131	.147	.036	.504
1978	934,700	702,600	553	.144	.037	.125	.175	.035	.484
1979	3,065,000	1,694,000	406	.147	.042	.109	.226	.033	.443
1980	2,142,000	1,378,000	473	.143	.043	.113	.202	.035	.464
1981	926,500	672,800	534	.150	.046	.139	.168	.043	.454
1982	1,561,000	868,600	409	.159	.044	.119	.185	.035	.457
1983	2,293,000	1,168,000	375	.158	.047	.122	.200	.039	.434

Site 69. 09380000 Colorado River at Lees Ferry, Ariz., water years 1926 through 1983.

1926	13,980,000	9,006,000	474	.139	.045	.147	.162	.084	.423
1927	16,540,000	9,494,000	422	.143	.045	.144	.174	.081	.413
1928	15,310,000	10,820,000	520	.141	.046	.144	.159	.079	.430
1929	19,190,000	12,100,000	464	.138	.047	.137	.172	.072	.424
1930	13,050,000	10,400,000	586	.138	.047	.144	.150	.081	.440
1931	6,376,000	7,000,000	807	.121	.047	.154	.122	.100	.457
1942	17,010,000	9,130,000	395	.137	.051	.136	.171	.084	.421
1943	11,240,000	8,046,000	526	.128	.050	.147	.145	.093	.438
1944	13,200,000	8,427,000	469	.130	.049	.145	.158	.090	.427
1945	11,530,000	8,237,000	525	.128	.049	.149	.148	.092	.433
1946	8,722,000	8,511,000	718	.121	.046	.150	.149	.094	.440
1947	13,490,000	9,049,000	493	.148	.046	.132	.183	.082	.408
1948	13,670,000	8,972,000	483	.148	.047	.134	.182	.084	.406
1949	14,340,000	9,606,000	493	.147	.047	.135	.177	.083	.411
1950	11,040,000	8,364,000	557	.140	.048	.138	.164	.089	.420
1951	9,817,000	7,658,000	574	.139	.048	.140	.161	.090	.422
1952	17,960,000	11,320,000	464	.151	.047	.132	.190	.077	.403
1953	8,787,000	7,439,000	623	.135	.046	.145	.150	.093	.430
1954	6,101,000	6,388,000	770	.130	.045	.150	.133	.100	.441

Table 6.--Estimates of annual dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Water Year	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
		Load (tons)	Concentration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 69. 09380000 Colorado River at Lees Ferry, Ariz., water years 1926 through 1983--Continued									
1955	7,290,000	6,763,000	682	0.141	0.043	0.146	0.151	0.097	0.422
1956	8,741,000	6,532,000	550	.150	.044	.138	.177	.095	.395
1957	17,320,000	10,820,000	459	.175	.040	.122	.217	.077	.369
1958	14,220,000	10,490,000	542	.166	.040	.128	.190	.082	.394
1959	6,741,000	6,509,000	710	.140	.039	.146	.143	.107	.425
1960	9,183,000	7,287,000	584	.153	.039	.140	.172	.095	.401
1961	6,644,000	6,864,000	760	.144	.039	.149	.144	.103	.421
1962	14,770,000	10,900,000	543	.163	.043	.133	.191	.087	.383
1963	2,500,000	3,289,000	967	.127	.044	.157	.117	.124	.431
1964	2,414,000	2,876,000	876	.127	.040	.154	.111	.120	.447
1965	10,820,000	8,659,000	588	.139	.042	.140	.137	.096	.448
1966	7,854,000	5,108,000	478	.143	.044	.138	.155	.088	.432
1967	7,797,000	6,267,000	591	.134	.045	.145	.137	.095	.444
1968	8,334,000	7,503,000	662	.131	.046	.145	.131	.098	.449
1969	8,823,000	7,332,000	611	.131	.046	.145	.137	.097	.443
1970	8,672,000	7,008,000	594	.131	.046	.146	.140	.096	.441
1971	8,591,000	6,681,000	572	.131	.046	.147	.142	.097	.438
1972	9,311,000	6,848,000	541	.132	.045	.145	.145	.092	.440
1973	10,110,000	7,757,000	564	.132	.046	.146	.145	.092	.439
1974	8,266,000	5,983,000	532	.134	.047	.145	.150	.090	.433
1975	9,255,000	6,649,000	528	.134	.047	.147	.152	.094	.427
1976	8,482,000	6,228,000	540	.132	.047	.148	.150	.098	.425
1977	8,261,000	6,160,000	548	.132	.047	.148	.146	.099	.429
1978	8,354,000	6,746,000	594	.129	.047	.149	.135	.099	.441
1979	8,297,000	6,492,000	575	.128	.046	.150	.134	.097	.445
1980	10,910,000	7,949,000	536	.127	.047	.151	.139	.095	.441
1981	8,295,000	5,867,000	520	.128	.047	.150	.144	.093	.438
1982	8,305,000	6,156,000	545	.127	.047	.149	.143	.097	.437
1983	17,490,000	12,090,000	508	.131	.048	.147	.154	.095	.424
Site 70. 09382000 Paria River at Lees Ferry, Ariz., water years 1948 through 1950.									
1948	19,110	38,490	1,480	.113	.045	.136	.077	.016	.613
1949	19,590	35,470	1,330	.117	.048	.131	.083	.018	.604
1950	13,490	20,910	1,140	.121	.051	.125	.091	.020	.592

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin

[acre-ft, acre-feet; mg/L, milligrams per liter; Ca, calcium; Mg, magnesium; NaK, sodium plus potassium; HCO₃, carbonate equivalent; Cl, chloride; SO₄, sulfate; --, no data; blank lines indicate extensive periods of missing data]

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 1. 09013000 Alva B. Adams Tunnel at East Portal, near Estes Park, Colo., water years 1976 through 1983.											
1975	Oct.	22,300	826	27	0.241	0.042	0.103	0.428	0.019	0.169	
1975	Nov.	24,030	932	28	.240	.043	.103	.434	.018	.163	
1975	Dec.	29,890	1,236	30	.239	.044	.103	.443	.016	.156	
1976	Jan.	30,870	1,292	31	.239	.044	.102	.444	.016	.155	
1976	Feb.	21,530	809	28	.240	.042	.103	.430	.018	.167	
1976	Mar.	23,060	867	28	.240	.042	.103	.430	.018	.167	
1976	Apr.	11,770	396	25	.241	.041	.103	.417	.021	.178	
1976	May	12,150	388	24	.242	.040	.103	.408	.022	.186	
1976	June	9,671	313	24	.242	.040	.103	.409	.022	.184	
1976	July	24,020	920	28	.240	.042	.103	.432	.018	.164	
1976	Aug.	19,970	766	28	.240	.043	.103	.433	.018	.164	
1976	Sept.	26,810	1,093	30	.239	.043	.103	.441	.016	.157	
1976	Oct.	29,750	1,234	30	.239	.044	.103	.443	.016	.156	
1976	Nov.	31,050	1,320	31	.239	.044	.102	.446	.016	.153	
1976	Dec.	25,810	1,011	29	.240	.043	.103	.435	.017	.162	
1977	Jan.	29,820	1,233	30	.239	.044	.103	.443	.016	.156	
1977	Feb.	25,660	1,048	30	.239	.043	.103	.441	.016	.157	
1977	Mar.	30,800	1,291	31	.239	.044	.102	.444	.016	.154	
1977	Apr.	24,280	968	29	.240	.043	.103	.438	.017	.160	
1977	May	17,820	677	28	.240	.042	.103	.432	.018	.165	
1977	June	20,350	782	28	.240	.043	.103	.434	.018	.163	
1977	July	28,920	1,189	30	.239	.044	.103	.442	.016	.157	
1977	Aug.	15,180	507	24	.241	.040	.103	.415	.021	.180	
1977	Sept.	15,030	503	25	.241	.040	.103	.415	.021	.180	
1977	Oct.	19,450	796	30	.236	.043	.110	.420	.018	.173	
1977	Nov.	18,430	754	30	.236	.042	.111	.419	.018	.174	
1977	Dec.	28,240	1,167	30	.239	.044	.105	.428	.017	.166	
1978	Jan.	28,210	1,166	30	.239	.044	.105	.428	.017	.166	
1978	Feb.	27,930	1,157	30	.240	.044	.104	.430	.017	.164	
1978	Mar.	30,970	1,284	30	.240	.045	.103	.430	.017	.164	
1978	Apr.	19,160	791	30	.239	.044	.106	.427	.017	.167	
1978	May	15,760	644	30	.236	.042	.111	.419	.018	.174	
1978	June	6,267	254	30	.233	.041	.116	.412	.018	.180	
1978	July	12,270	499	30	.234	.042	.114	.414	.018	.177	
1978	Aug.	30,060	1,244	30	.240	.044	.104	.430	.017	.165	

1978	Sept.	25,910	1,071	30	.239	.044	.105	.428	.017	.166
1978	Oct.	25,150	954	28	.242	.044	.111	.432	.017	.153
1978	Nov.	24,980	947	28	.243	.044	.111	.433	.017	.153
1978	Dec.	29,210	1,104	28	.244	.044	.109	.437	.017	.150
1979	Jan.	22,520	856	28	.242	.044	.113	.429	.018	.155
1979	Feb.	19,890	756	28	.242	.044	.113	.429	.018	.155
1979	Mar.	22,560	857	28	.242	.044	.113	.429	.018	.155
1979	Apr.	17,320	657	28	.242	.044	.111	.432	.017	.153
1979	May	8,470	324	28	.239	.044	.118	.421	.018	.160
1979	June	18	1	32	.171	.041	.240	.240	.026	.281
1979	July	4,553	176	28	.235	.044	.127	.404	.019	.171
1979	Aug.	12,490	478	28	.239	.044	.119	.419	.018	.161
1979	Sept.	10,130	390	28	.236	.044	.125	.408	.019	.169
1979	Oct.	12,580	470	28	.242	.045	.128	.436	.016	.132
1979	Nov.	12,830	482	28	.241	.045	.130	.432	.017	.135
1979	Dec.	14,750	553	28	.242	.045	.130	.433	.017	.134
1980	Jan.	17,800	663	27	.243	.045	.127	.440	.016	.129
1980	Feb.	19,980	739	27	.245	.045	.124	.447	.016	.124
1980	Mar.	18,340	681	27	.244	.045	.126	.442	.016	.127
1980	Apr.	8,597	325	28	.239	.045	.133	.424	.017	.141
1980	May	4,857	182	28	.242	.045	.129	.435	.016	.133
1980	June	1,941	74	28	.235	.045	.139	.410	.018	.152
1980	July	12,190	455	28	.242	.045	.128	.437	.016	.131
1980	Aug.	19,060	707	27	.244	.045	.125	.444	.016	.126
1980	Sept.	14,520	544	28	.242	.045	.129	.434	.017	.133
1980	Oct.	15,170	584	28	.230	.044	.125	.470	.014	.117
1980	Nov.	18,140	693	28	.235	.044	.121	.476	.014	.110
1980	Dec.	16,630	639	28	.231	.044	.124	.472	.014	.115
1981	Jan.	24,370	926	28	.238	.044	.119	.480	.014	.106
1981	Feb.	27,060	1,023	28	.242	.043	.116	.484	.013	.101
1981	Mar.	23,570	897	28	.237	.044	.119	.479	.014	.107
1981	Apr.	16,210	613	28	.241	.043	.117	.483	.013	.103
1981	May	17,050	654	28	.232	.044	.123	.473	.014	.114
1981	June	14,300	546	28	.235	.044	.121	.476	.014	.110
1981	July	28,100	1,064	28	.241	.043	.117	.483	.013	.103
1981	Aug.	27,840	1,054	28	.240	.043	.117	.483	.013	.103
1981	Sept.	24,130	916	28	.239	.043	.118	.481	.013	.105
1981	Oct.	24,440	982	30	.219	.042	.109	.489	.012	.129
1981	Nov.	21,980	886	30	.218	.042	.109	.489	.013	.130
1981	Dec.	29,860	1,189	29	.222	.042	.108	.490	.012	.126
1982	Jan.	29,920	1,191	29	.222	.042	.108	.490	.012	.126
1982	Feb.	26,580	1,059	29	.222	.042	.108	.490	.012	.126
1982	Mar.	29,890	1,190	29	.222	.042	.108	.490	.012	.126
1982	Apr.	19,190	762	29	.223	.042	.107	.490	.012	.125
1982	May	28,730	1,145	29	.222	.042	.108	.490	.012	.127
1982	June	3,577	148	30	.210	.041	.112	.486	.013	.138
1982	July	8,834	366	30	.208	.041	.113	.486	.013	.139
1982	Aug.	14,160	581	30	.211	.041	.112	.487	.013	.136
1982	Sept.	11,370	467	30	.211	.041	.112	.487	.013	.136
1982	Oct.	15,520	646	31	.196	.039	.100	.459	.017	.189
1982	Nov.	11,550	488	31	.190	.038	.104	.456	.018	.193
1982	Dec.	15,150	635	31	.193	.038	.102	.458	.017	.191
1983	Jan.	19,450	809	31	.196	.039	.100	.459	.017	.189
1983	Feb.	20,920	866	30	.198	.039	.098	.460	.017	.188

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 1. 09013000 Alva B. Adams Tunnel at East Portal, near Estes Park, Colo., water years 1976 through 1983--Continued										
1983	Mar.	18,610	775	31	0.196	0.039	0.100	0.459	0.017	0.190
1983	Apr.	5,046	215	31	.187	.038	.107	.454	.018	.196
1983	May	1,193	52	32	.179	.038	.114	.449	.018	.202
1983	June	140	6	34	.162	.037	.130	.436	.019	.216
1983	July	17,710	730	30	.199	.039	.097	.461	.017	.187
1983	Aug.	26,450	1,090	30	.199	.039	.097	.461	.017	.187
1983	Sept.	14,030	588	31	.193	.038	.102	.458	.017	.191
Site 2. 09034500 Colorado River at Hot Sulphur Springs, Colo., water years 1947 through 1983.										
1946	Oct.	10,480	1,127	79	.220	.044	.131	.495	.022	.087
1946	Nov.	9,594	1,040	80	.220	.044	.131	.496	.022	.087
1946	Dec.	7,168	829	85	.221	.044	.130	.500	.020	.085
1947	Jan.	5,367	657	90	.222	.043	.130	.504	.019	.082
1947	Feb.	4,796	589	90	.222	.043	.129	.504	.019	.082
1947	Mar.	6,726	787	86	.221	.043	.130	.501	.020	.084
1947	Apr.	18,640	1,996	79	.218	.045	.128	.485	.025	.099
1947	May	137,300	8,013	43	.213	.046	.140	.461	.036	.104
1947	June	171,100	10,100	43	.211	.046	.138	.457	.037	.110
1947	July	87,490	5,424	46	.214	.045	.140	.467	.033	.101
1947	Aug.	26,710	2,366	65	.218	.045	.133	.483	.026	.095
1947	Sept.	12,870	1,273	73	.220	.044	.133	.492	.023	.088
1947	Oct.	26,010	2,280	64	.217	.045	.133	.482	.027	.096
1947	Nov.	13,400	1,365	75	.219	.044	.132	.492	.023	.090
1947	Dec.	12,880	1,332	76	.220	.044	.132	.493	.023	.089
1948	Jan.	7,305	841	85	.221	.044	.130	.500	.021	.085
1948	Feb.	6,583	764	85	.221	.044	.130	.500	.020	.084
1948	Mar.	7,153	828	85	.221	.044	.130	.500	.020	.085
1948	Apr.	32,190	2,684	61	.217	.045	.134	.479	.028	.098
1948	May	126,300	8,219	48	.212	.046	.136	.461	.035	.109
1948	June	100,800	6,839	50	.213	.046	.136	.464	.034	.107
1948	July	23,280	2,106	66	.218	.045	.133	.484	.026	.094
1948	Aug.	10,780	1,151	78	.220	.044	.131	.495	.022	.088
1948	Sept.	6,081	722	87	.222	.043	.130	.502	.020	.084
1948	Oct.	6,621	758	84	.225	.045	.117	.505	.019	.088
1948	Nov.	6,778	768	83	.225	.045	.117	.504	.020	.089
1948	Dec.	5,952	694	86	.226	.045	.117	.506	.019	.087
1949	Jan.	6,456	742	84	.226	.045	.117	.505	.019	.088

1949	Feb.	5,528	642	85	.226	.045	.117	.506	.019	.088
1949	Mar.	7,813	869	82	.225	.045	.118	.503	.020	.090
1949	Apr.	29,260	2,462	62	.217	.046	.127	.481	.024	.105
1949	May	100,900	7,228	53	.212	.046	.132	.468	.027	.115
1949	June	196,300	12,500	47	.208	.046	.136	.457	.029	.123
1949	July	86,630	6,280	53	.213	.046	.132	.469	.026	.114
1949	Aug.	18,620	1,773	70	.220	.045	.123	.491	.022	.098
1949	Sept.	7,139	797	82	.225	.045	.118	.503	.020	.090
1949	Oct.	6,776	758	82	.228	.046	.106	.509	.019	.092
1949	Nov.	7,125	753	78	.228	.046	.105	.509	.019	.092
1949	Dec.	5,911	609	76	.231	.046	.101	.513	.018	.091
1950	Jan.	5,286	522	73	.233	.047	.098	.517	.017	.089
1950	Feb.	4,985	486	72	.233	.047	.098	.516	.017	.090
1950	Mar.	5,883	606	76	.231	.046	.101	.514	.018	.090
1950	Apr.	18,920	2,030	79	.218	.044	.123	.489	.025	.101
1950	May	33,560	2,886	63	.218	.045	.123	.485	.023	.105
1950	June	43,290	3,373	57	.217	.045	.125	.483	.023	.108
1950	July	12,240	1,557	94	.219	.044	.121	.493	.025	.097
1950	Aug.	5,988	805	99	.225	.045	.111	.506	.022	.091
1950	Sept.	5,907	660	82	.229	.046	.105	.511	.019	.091
1950	Oct.	5,544	612	81	.233	.048	.092	.516	.018	.093
1950	Nov.	6,561	715	80	.232	.048	.093	.514	.019	.094
1950	Dec.	5,673	592	77	.232	.048	.091	.515	.017	.096
1951	Jan.	4,495	449	74	.233	.049	.088	.518	.016	.097
1951	Feb.	4,897	545	81	.234	.047	.093	.516	.019	.092
1951	Mar.	6,068	635	77	.232	.048	.091	.515	.018	.096
1951	Apr.	18,950	2,209	86	.228	.047	.103	.500	.028	.094
1951	May	65,130	5,160	58	.218	.051	.100	.487	.027	.116
1951	June	75,390	5,711	56	.217	.052	.100	.484	.027	.119
1951	July	28,710	2,697	69	.225	.049	.099	.497	.025	.105
1951	Aug.	12,140	1,550	94	.232	.046	.101	.507	.026	.089
1951	Sept.	6,064	744	90	.234	.046	.095	.515	.020	.089
1951	Oct.	6,512	780	88	.232	.047	.105	.509	.018	.089
1951	Nov.	5,949	683	84	.230	.048	.104	.509	.018	.091
1951	Dec.	5,562	642	85	.230	.048	.104	.509	.017	.091
1952	Jan.	6,321	730	85	.231	.048	.104	.509	.018	.091
1952	Feb.	5,742	665	85	.231	.048	.104	.509	.018	.090
1952	Mar.	6,022	699	85	.231	.048	.104	.509	.018	.090
1952	Apr.	34,000	3,768	82	.235	.048	.110	.498	.022	.087
1952	May	95,960	8,011	61	.229	.053	.103	.492	.021	.101
1952	June	128,300	7,947	46	.221	.058	.094	.488	.019	.120
1952	July	21,260	2,641	91	.236	.046	.111	.502	.022	.083
1952	Aug.	17,180	1,802	77	.230	.049	.104	.503	.019	.094
1952	Sept.	12,800	1,324	76	.229	.050	.103	.504	.018	.095
1952	Oct.	11,320	1,073	70	.224	.050	.109	.495	.020	.103
1952	Nov.	6,095	716	86	.230	.047	.111	.510	.017	.084
1952	Dec.	6,139	685	82	.228	.047	.112	.507	.018	.089
1953	Jan.	5,542	612	81	.227	.047	.112	.506	.018	.090
1953	Feb.	4,733	521	81	.226	.047	.112	.506	.018	.090
1953	Mar.	6,341	748	87	.231	.047	.111	.510	.017	.084
1953	Apr.	11,030	1,378	92	.238	.047	.108	.513	.016	.078
1953	May	32,810	2,822	63	.227	.052	.104	.488	.021	.108
1953	June	45,660	3,873	62	.228	.052	.102	.486	.021	.110
1953	July	16,700	2,085	92	.240	.047	.106	.513	.016	.078

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 2. 09034500 Colorado River at Hot Sulphur Springs, Colo., water years 1947 through 1983--Continued											
1953	Aug.	12,630	1,512	88	0.236	0.048	0.108	0.511	0.017	0.081	
1953	Sept.	5,163	606	86	.229	.047	.112	.510	.017	.085	
1953	Oct.	4,663	545	86	.230	.047	.111	.509	.019	.084	
1953	Nov.	5,568	663	88	.233	.047	.109	.511	.018	.082	
1953	Dec.	5,024	611	89	.233	.047	.109	.513	.018	.080	
1954	Jan.	4,463	550	91	.233	.047	.110	.513	.018	.080	
1954	Feb.	4,328	486	83	.229	.047	.112	.505	.020	.088	
1954	Mar.	5,270	572	80	.227	.047	.112	.502	.020	.091	
1954	Apr.	10,530	1,151	80	.235	.047	.108	.506	.018	.086	
1954	May	13,190	1,164	65	.224	.048	.113	.486	.022	.107	
1954	June	10,340	1,344	96	.243	.046	.103	.520	.015	.071	
1954	July	8,658	1,241	105	.246	.046	.102	.528	.014	.065	
1954	Aug.	5,088	660	95	.237	.046	.107	.518	.017	.075	
1954	Sept.	3,251	432	98	.234	.046	.109	.519	.017	.074	
1954	Oct.	4,229	525	91	.236	.045	.108	.515	.019	.077	
1954	Nov.	4,171	514	90	.236	.045	.108	.514	.019	.078	
1954	Dec.	3,868	495	94	.237	.045	.107	.518	.018	.074	
1955	Jan.	3,923	435	82	.231	.046	.111	.505	.022	.086	
1955	Feb.	3,673	396	79	.230	.046	.111	.502	.022	.088	
1955	Mar.	4,403	512	86	.234	.046	.109	.509	.020	.082	
1955	Apr.	13,750	1,488	80	.239	.045	.104	.497	.019	.096	
1955	May	22,420	1,837	60	.227	.046	.107	.467	.024	.129	
1955	June	18,640	2,250	89	.246	.044	.100	.507	.016	.087	
1955	July	11,640	1,657	105	.250	.043	.099	.523	.014	.071	
1955	Aug.	8,767	1,202	101	.246	.044	.101	.521	.015	.072	
1955	Sept.	3,642	477	96	.238	.045	.107	.520	.018	.072	
1955	Oct.	3,945	498	93	.240	.043	.105	.512	.020	.080	
1955	Nov.	5,476	646	87	.241	.041	.106	.509	.021	.082	
1955	Dec.	5,179	644	92	.241	.041	.106	.511	.020	.081	
1956	Jan.	4,554	570	92	.241	.042	.105	.511	.020	.081	
1956	Feb.	4,433	492	82	.238	.042	.108	.507	.022	.084	
1956	Mar.	5,379	608	83	.239	.041	.107	.508	.021	.083	
1956	Apr.	17,050	2,163	93	.251	.036	.105	.511	.018	.080	
1956	May	49,220	4,053	61	.247	.033	.113	.495	.021	.092	
1956	June	24,130	2,437	74	.248	.035	.108	.504	.019	.086	
1956	July	11,910	1,788	110	.251	.037	.102	.517	.017	.076	
1956	Aug.	8,355	1,141	100	.247	.039	.104	.514	.018	.079	
1956	Sept.	2,630	373	104	.240	.044	.103	.516	.020	.077	
1956	Oct.	3,297	461	103	.242	.040	.106	.514	.020	.079	
1956	Nov.	5,002	597	88	.242	.038	.108	.509	.021	.082	

1956	Dec.	4,514	508	83	.241	.039	.109	.509	.021	.081
1957	Jan.	3,404	467	80	.241	.039	.109	.508	.022	.081
1957	Feb.	3,741	424	83	.241	.039	.108	.509	.021	.081
1957	Mar.	4,332	512	87	.241	.039	.108	.510	.021	.081
1957	Apr.	11,370	1,584	102	.245	.035	.110	.507	.018	.086
1957	May	125,420	5,761	81	.246	.031	.115	.497	.018	.092
1957	June	125,600	8,933	52	.245	.030	.121	.486	.020	.098
1957	July	51,040	4,468	64	.245	.032	.117	.495	.019	.093
1957	Aug.	10,710	1,371	94	.244	.036	.110	.507	.019	.085
1957	Sept.	6,413	814	93	.243	.037	.109	.509	.020	.083
1957	Oct.	9,223	1,043	83	.239	.034	.118	.505	.022	.083
1957	Nov.	7,644	926	89	.238	.034	.117	.505	.021	.084
1957	Dec.	6,893	862	92	.238	.035	.117	.505	.021	.084
1958	Jan.	6,434	794	91	.238	.035	.117	.506	.021	.084
1958	Feb.	5,351	654	90	.237	.035	.117	.506	.022	.083
1958	Mar.	5,986	739	91	.237	.035	.117	.506	.022	.083
1958	Apr.	11,760	1,613	101	.239	.033	.119	.502	.019	.088
1958	May	89,520	6,377	52	.249	.027	.122	.499	.021	.082
1958	June	56,810	3,940	51	.248	.028	.121	.501	.023	.080
1958	July	10,210	1,381	99	.239	.033	.118	.504	.019	.087
1958	Aug.	7,583	952	92	.238	.034	.117	.505	.021	.084
1958	Sept.	3,374	432	94	.235	.037	.116	.507	.022	.082
1958	Oct.	4,265	570	98	.227	.036	.129	.497	.022	.088
1958	Nov.	5,796	726	92	.230	.035	.126	.497	.021	.090
1958	Dec.	6,173	763	91	.230	.035	.126	.496	.021	.091
1959	Jan.	5,230	653	92	.229	.035	.128	.496	.021	.091
1959	Feb.	4,671	584	92	.229	.035	.128	.496	.021	.091
1959	Mar.	5,203	639	90	.229	.035	.128	.496	.021	.091
1959	Apr.	11,370	1,413	91	.236	.035	.120	.503	.019	.087
1959	May	26,820	2,461	67	.243	.034	.114	.489	.015	.106
1959	June	29,760	2,850	70	.244	.034	.112	.494	.015	.101
1959	July	12,290	1,586	94	.236	.035	.120	.505	.019	.086
1959	Aug.	8,140	1,038	94	.233	.035	.123	.501	.020	.088
1959	Sept.	4,514	592	96	.228	.036	.128	.498	.022	.089
1959	Oct.	7,466	929	92	.234	.035	.121	.501	.021	.087
1959	Nov.	6,161	744	89	.230	.035	.125	.493	.024	.093
1959	Dec.	4,570	585	94	.222	.035	.131	.489	.028	.094
1960	Jan.	4,064	524	95	.219	.035	.134	.486	.030	.095
1960	Feb.	3,911	502	94	.220	.035	.133	.487	.030	.095
1960	Mar.	8,795	906	76	.239	.035	.117	.492	.020	.097
1960	Apr.	24,710	2,358	70	.262	.033	.099	.507	.011	.087
1960	May	33,930	2,538	55	.263	.034	.098	.487	.010	.108
1960	June	42,400	3,349	58	.271	.033	.093	.499	.009	.095
1960	July	13,490	1,742	95	.250	.034	.109	.520	.015	.073
1960	Aug.	7,180	908	93	.234	.035	.121	.502	.022	.086
1960	Sept.	3,904	485	91	.218	.035	.134	.482	.031	.100
1960	Oct.	4,485	552	90	.225	.036	.127	.492	.028	.092
1960	Nov.	5,812	689	87	.230	.036	.122	.493	.025	.095
1960	Dec.	3,059	398	96	.218	.037	.133	.491	.033	.088
1961	Jan.	2,920	382	96	.217	.037	.134	.491	.034	.088
1961	Feb.	3,007	386	94	.219	.037	.132	.491	.032	.089
1961	Mar.	4,828	588	90	.226	.036	.126	.492	.027	.093
1961	Apr.	8,952	999	82	.237	.035	.116	.493	.020	.099
1961	May	20,050	2,009	74	.250	.034	.104	.491	.014	.107

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 2. 09034500 Colorado River at Hot Sulphur Springs, Colo., water years 1947 through 1983--Continued											
1961	June	19,830	1,986	74	0.250	0.034	0.104	0.491	0.014	0.107	
1961	July	11,790	1,272	79	.241	.035	.112	.493	.018	.101	
1961	Aug.	6,181	728	87	.230	.036	.122	.493	.024	.095	
1961	Sept.	11,070	1,180	78	.242	.035	.111	.492	.018	.102	
1961	Oct.	17,890	1,787	73	.256	.038	.084	.506	.018	.098	
1961	Nov.	9,856	1,030	77	.248	.038	.091	.510	.022	.091	
1961	Dec.	8,043	857	78	.244	.038	.094	.511	.024	.088	
1962	Jan.	5,133	568	81	.237	.039	.101	.513	.028	.083	
1962	Feb.	5,812	630	80	.241	.039	.097	.512	.026	.086	
1962	Mar.	14,800	1,493	74	.254	.038	.086	.506	.019	.096	
1962	Apr.	74,600	6,556	65	.278	.036	.067	.489	.011	.119	
1962	May	90,720	7,886	64	.280	.036	.066	.487	.010	.121	
1962	June	61,050	5,473	66	.275	.037	.070	.492	.011	.116	
1962	July	52,830	4,724	66	.274	.036	.070	.492	.012	.116	
1962	Aug.	10,430	1,085	76	.248	.038	.091	.509	.022	.092	
1962	Sept.	4,883	541	81	.237	.039	.101	.513	.028	.083	
1962	Oct.	5,369	592	81	.233	.041	.102	.525	.026	.073	
1962	Nov.	4,217	454	79	.231	.041	.101	.526	.027	.073	
1962	Dec.	3,971	429	80	.228	.041	.105	.526	.028	.071	
1963	Jan.	3,838	415	80	.229	.041	.104	.527	.028	.072	
1963	Feb.	4,973	556	82	.232	.041	.104	.525	.026	.073	
1963	Mar.	6,976	796	84	.235	.041	.102	.523	.024	.074	
1963	Apr.	10,690	1,119	77	.246	.040	.090	.519	.022	.084	
1963	May	12,540	1,145	67	.251	.039	.081	.514	.021	.094	
1963	June	13,650	1,630	88	.242	.041	.101	.518	.020	.078	
1963	July	9,057	1,127	92	.234	.042	.109	.522	.023	.071	
1963	Aug.	7,922	932	86	.235	.041	.104	.522	.024	.073	
1963	Sept.	4,487	507	83	.230	.041	.106	.526	.027	.071	
1963	Oct.	3,973	456	84	.225	.038	.115	.520	.027	.075	
1963	Nov.	3,939	441	82	.228	.038	.110	.521	.027	.076	
1963	Dec.	3,221	390	89	.215	.037	.136	.511	.027	.074	
1964	Jan.	3,552	414	86	.221	.037	.124	.516	.027	.075	
1964	Feb.	3,249	371	84	.222	.037	.121	.517	.027	.077	
1964	Mar.	3,418	390	84	.221	.037	.122	.516	.027	.077	
1964	Apr.	9,322	1,132	89	.252	.045	.079	.538	.025	.061	
1964	May	26,300	2,306	64	.292	.047	.036	.539	.025	.062	
1964	June	17,560	2,047	86	.266	.047	.062	.544	.024	.057	
1964	July	11,270	1,474	96	.247	.045	.086	.539	.024	.058	
1964	Aug.	6,684	858	94	.234	.042	.105	.530	.025	.064	
1964	Sept.	3,130	378	89	.215	.037	.135	.512	.027	.075	

1964	Oct.	3,245	407	92	.206	.038	.136	.517	.030	.073
1964	Nov.	3,455	433	92	.209	.038	.133	.519	.029	.072
1964	Dec.	3,449	471	100	.200	.039	.143	.520	.036	.062
1965	Jan.	3,741	493	97	.205	.039	.137	.522	.032	.065
1965	Feb.	3,445	445	95	.207	.039	.134	.521	.031	.067
1965	Mar.	3,771	493	96	.206	.039	.136	.521	.032	.066
1965	Apr.	15,360	2,038	98	.251	.045	.088	.550	.024	.041
1965	May	42,890	4,403	76	.302	.041	.055	.542	.010	.049
1965	June	53,430	6,709	92	.287	.047	.060	.557	.017	.033
1965	July	26,850	3,513	96	.265	.045	.077	.555	.021	.037
1965	Aug.	17,310	2,087	89	.262	.043	.081	.548	.019	.047
1965	Sept.	5,820	715	90	.225	.040	.114	.531	.026	.064
1965	Oct.	7,615	958	92	.266	.035	.084	.518	.020	.078
1965	Nov.	6,621	870	97	.251	.035	.095	.517	.023	.079
1965	Dec.	6,339	852	99	.242	.035	.101	.517	.025	.080
1966	Jan.	4,957	672	100	.235	.034	.108	.514	.029	.080
1966	Feb.	4,268	425	73	.327	.029	.048	.514	.012	.070
1966	Mar.	7,504	770	75	.330	.032	.052	.506	.011	.070
1966	Apr.	10,500	1,373	96	.243	.038	.105	.511	.023	.080
1966	May	15,200	1,897	92	.247	.039	.103	.510	.020	.080
1966	June	11,670	1,587	100	.240	.038	.110	.508	.024	.080
1966	July	10,150	1,513	110	.220	.038	.130	.502	.030	.081
1966	Aug.	5,395	778	106	.219	.035	.126	.506	.033	.081
1966	Sept.	3,110	422	100	.225	.032	.113	.515	.034	.081
1966	Oct.	4,312	575	98	.226	.040	.101	.495	.028	.110
1966	Nov.	3,806	490	95	.227	.040	.099	.491	.028	.116
1966	Dec.	3,868	472	90	.229	.040	.096	.486	.027	.122
1967	Jan.	3,420	452	97	.219	.039	.108	.492	.028	.115
1967	Feb.	3,070	459	110	.215	.038	.114	.500	.029	.104
1967	Mar.	5,845	811	102	.230	.040	.101	.503	.030	.097
1967	Apr.	13,480	1,748	95	.246	.042	.089	.506	.032	.085
1967	May	22,650	2,205	72	.271	.045	.069	.487	.031	.097
1967	June	31,230	3,445	81	.268	.045	.074	.501	.033	.080
1967	July	27,770	3,148	83	.264	.044	.076	.502	.033	.080
1967	Aug.	7,162	943	97	.235	.041	.095	.500	.030	.098
1967	Sept.	4,346	566	96	.228	.040	.099	.494	.028	.111
1967	Oct.	5,300	671	93	.233	.047	.090	.492	.036	.102
1967	Nov.	5,137	669	96	.233	.047	.090	.491	.036	.103
1967	Dec.	3,999	507	93	.229	.048	.092	.488	.035	.108
1968	Jan.	3,800	492	95	.228	.048	.092	.488	.035	.108
1968	Feb.	3,658	486	98	.229	.048	.092	.488	.035	.108
1968	Mar.	4,610	629	100	.231	.047	.091	.489	.036	.106
1968	Apr.	8,781	1,221	102	.241	.044	.087	.494	.037	.096
1968	May	18,910	1,928	75	.252	.042	.080	.507	.037	.082
1968	June	27,780	2,723	72	.258	.040	.078	.510	.037	.076
1968	July	14,360	1,887	97	.247	.043	.084	.499	.038	.089
1968	Aug.	8,989	1,186	97	.241	.044	.087	.496	.037	.095
1968	Sept.	4,770	599	92	.233	.047	.090	.491	.035	.103
1968	Oct.	4,760	569	88	.232	.049	.093	.501	.031	.094
1968	Nov.	3,632	484	98	.226	.049	.097	.499	.032	.096
1968	Dec.	3,499	502	105	.223	.049	.100	.497	.033	.098
1969	Jan.	3,741	492	97	.227	.050	.096	.499	.031	.096
1969	Feb.	3,503	524	110	.222	.047	.102	.496	.035	.098
1969	Mar.	3,630	538	109	.222	.048	.101	.496	.034	.098

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 2. 09034500 Colorado River at Hot Sulphur Springs, Colo., water years 1947 through 1983--Continued										
1969	Apr.	13,720	1,646	88	0.239	0.039	0.094	0.498	0.041	0.089
1969	May	38,510	2,863	55	.266	.037	.078	.504	.037	.078
1969	June	57,020	4,642	60	.265	.033	.080	.501	.043	.077
1969	July	25,260	2,848	83	.245	.036	.092	.498	.044	.085
1969	Aug.	7,224	913	93	.233	.044	.095	.499	.036	.092
1969	Sept.	5,193	641	91	.232	.047	.094	.500	.033	.094
1969	Oct.	6,266	783	92	.229	.048	.100	.505	.033	.085
1969	Nov.	5,060	646	94	.228	.049	.100	.504	.033	.085
1969	Dec.	4,142	559	99	.225	.050	.102	.503	.034	.086
1970	Jan.	4,514	556	91	.230	.051	.097	.506	.033	.083
1970	Feb.	3,963	495	92	.229	.051	.098	.506	.033	.083
1970	Mar.	4,338	550	93	.228	.051	.099	.505	.033	.084
1970	Apr.	12,890	1,619	92	.229	.039	.106	.502	.035	.089
1970	May	88,850	7,080	59	.252	.032	.092	.512	.033	.079
1970	June	59,660	4,745	58	.253	.035	.090	.513	.032	.077
1970	July	22,480	2,516	82	.235	.038	.102	.505	.035	.086
1970	Aug.	6,829	854	92	.229	.047	.101	.505	.034	.085
1970	Sept.	5,314	635	88	.231	.049	.097	.506	.033	.083
1970	Oct.	7,000	871	92	.223	.042	.117	.512	.024	.082
1970	Nov.	5,784	730	93	.223	.042	.118	.513	.024	.080
1970	Dec.	5,536	710	94	.222	.043	.118	.514	.024	.080
1971	Jan.	5,298	701	97	.219	.042	.121	.516	.024	.078
1971	Feb.	4,628	642	102	.214	.042	.125	.518	.024	.077
1971	Mar.	9,041	1,117	91	.220	.039	.120	.511	.024	.086
1971	Apr.	31,220	3,288	77	.229	.035	.114	.500	.023	.098
1971	May	72,270	6,177	63	.244	.034	.102	.486	.022	.112
1971	June	115,600	10,160	65	.237	.031	.108	.487	.022	.115
1971	July	37,950	3,776	73	.232	.035	.111	.496	.023	.102
1971	Aug.	9,733	1,192	90	.223	.040	.118	.511	.024	.085
1971	Sept.	6,062	725	88	.227	.043	.114	.511	.023	.082
1971	Oct.	5,520	689	92	.226	.041	.115	.507	.023	.088
1971	Nov.	4,548	559	90	.226	.041	.116	.504	.024	.090
1971	Dec.	4,062	509	92	.225	.041	.117	.503	.024	.089
1972	Jan.	3,852	508	97	.225	.041	.116	.507	.025	.087
1972	Feb.	3,957	515	96	.225	.041	.116	.507	.025	.087
1972	Mar.	8,067	974	89	.228	.041	.112	.509	.021	.088
1972	Apr.	12,610	1,635	95	.229	.041	.107	.520	.020	.083
1972	May	24,660	2,585	77	.234	.042	.107	.511	.017	.090
1972	June	34,510	3,610	77	.235	.042	.104	.515	.016	.088
1972	July	14,910	1,863	92	.230	.041	.107	.518	.020	.084

1972	Aug.	8,404	1,025	90	.228	.041	.112	.510	.021	.088
1972	Sept.	5,861	721	90	.227	.041	.114	.507	.023	.089
1972	Oct.	5,897	721	90	.228	.041	.117	.501	.022	.090
1972	Nov.	5,375	659	90	.228	.041	.118	.502	.022	.090
1972	Dec.	4,459	559	92	.227	.041	.119	.502	.023	.088
1973	Jan.	4,175	513	90	.227	.041	.120	.502	.022	.088
1973	Feb.	4,058	501	91	.227	.041	.120	.502	.022	.088
1973	Mar.	5,024	621	91	.227	.041	.118	.502	.022	.089
1973	Apr.	9,362	1,218	96	.230	.041	.109	.505	.022	.092
1973	May	44,870	4,411	72	.236	.041	.107	.492	.018	.106
1973	June	68,790	5,625	60	.238	.042	.109	.483	.015	.112
1973	July	66,840	6,243	69	.238	.042	.105	.490	.017	.109
1973	Aug.	13,380	1,673	92	.231	.041	.109	.503	.021	.094
1973	Sept.	5,556	705	93	.228	.041	.116	.503	.023	.089
1973	Oct.	5,415	681	93	.232	.043	.117	.498	.021	.089
1973	Nov.	5,381	669	91	.232	.043	.117	.498	.022	.089
1973	Dec.	4,695	556	87	.230	.043	.123	.495	.019	.091
1974	Jan.	4,838	603	92	.231	.043	.119	.498	.021	.089
1974	Feb.	4,598	720	115	.236	.043	.102	.509	.030	.081
1974	Mar.	8,448	1,142	99	.236	.043	.105	.503	.025	.087
1974	Apr.	22,010	2,749	92	.241	.043	.098	.501	.026	.092
1974	May	82,170	6,677	60	.238	.042	.111	.481	.018	.111
1974	June	86,910	7,499	63	.240	.042	.105	.485	.019	.108
1974	July	22,340	2,680	88	.239	.043	.102	.499	.024	.093
1974	Aug.	9,150	1,168	94	.236	.043	.108	.501	.024	.089
1974	Sept.	4,633	596	94	.232	.043	.117	.499	.022	.088
1974	Oct.	746	746	96	.237	.044	.115	.490	.018	.096
1974	Nov.	5,685	685	98	.238	.044	.115	.490	.018	.095
1974	Dec.	4,241	531	92	.230	.044	.123	.484	.019	.099
1975	Jan.	4,268	576	99	.236	.044	.118	.490	.017	.094
1975	Feb.	4,157	505	89	.229	.044	.124	.483	.019	.101
1975	Mar.	5,004	632	93	.233	.044	.120	.486	.019	.098
1975	Apr.	10,100	1,351	98	.245	.043	.103	.495	.018	.095
1975	May	24,850	2,953	87	.242	.043	.099	.491	.021	.103
1975	June	27,710	3,387	90	.246	.042	.096	.494	.021	.101
1975	July	29,540	3,763	94	.250	.042	.093	.497	.020	.098
1975	Aug.	9,898	1,386	103	.247	.043	.102	.497	.017	.093
1975	Sept.	5,090	658	95	.235	.044	.117	.488	.018	.097
1975	Oct.	4,768	598	92	.238	.043	.113	.489	.017	.100
1975	Nov.	4,512	585	95	.244	.042	.110	.493	.016	.094
1975	Dec.	4,435	617	102	.255	.041	.105	.502	.014	.083
1976	Jan.	4,376	629	106	.260	.040	.102	.506	.013	.078
1976	Feb.	4,064	541	98	.247	.042	.109	.496	.015	.091
1976	Mar.	4,862	586	89	.232	.044	.116	.483	.019	.107
1976	Apr.	10,250	1,266	91	.246	.042	.104	.495	.018	.095
1976	May	17,220	1,881	80	.231	.044	.108	.482	.023	.113
1976	June	17,570	2,186	92	.254	.041	.097	.501	.018	.089
1976	July	15,280	1,844	89	.246	.042	.102	.496	.019	.096
1976	Aug.	9,261	1,128	90	.242	.042	.107	.492	.018	.098
1976	Sept.	5,223	641	90	.236	.043	.113	.487	.018	.103
1976	Oct.	5,096	635	92	.241	.043	.108	.491	.019	.099
1976	Nov.	4,788	583	90	.239	.043	.107	.487	.020	.103
1976	Dec.	3,197	455	105	.248	.042	.103	.504	.018	.086
1977	Jan.	3,322	454	101	.245	.042	.105	.498	.018	.091

Table 7.---Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO	Cl	SO
Site 2. 09034500 Colorado River at Hot Sulphur Springs, Colo., water years 1947 through 1983--Continued										
1977	Feb.	3,392	477	104	0.249	0.042	0.103	0.504	0.017	0.086
1977	Mar.	4,136	519	92	.240	.043	.108	.489	.020	.101
1977	Apr.	9,154	1,106	89	.244	.042	.104	.497	.018	.095
1977	May	12,720	1,423	82	.240	.042	.107	.489	.019	.103
1977	June	13,560	1,719	93	.252	.040	.099	.509	.015	.084
1977	July	10,790	1,219	83	.239	.042	.107	.488	.019	.104
1977	Aug.	6,597	778	87	.239	.043	.108	.487	.020	.104
1977	Sept.	3,909	482	91	.238	.043	.109	.486	.021	.104
1977	Oct.	3,854	444	85	.239	.042	.109	.486	.022	.102
1977	Nov.	4,354	509	86	.241	.042	.108	.488	.021	.100
1977	Dec.	4,550	532	86	.241	.042	.108	.488	.021	.100
1978	Jan.	4,173	471	83	.239	.043	.110	.482	.022	.104
1978	Feb.	3,717	429	85	.239	.042	.109	.486	.022	.102
1978	Mar.	5,179	603	86	.242	.042	.108	.487	.021	.101
1978	Apr.	16,010	1,903	87	.249	.041	.104	.488	.017	.100
1978	May	35,080	3,479	73	.245	.043	.109	.456	.020	.127
1978	June	44,260	3,934	65	.241	.044	.113	.434	.023	.145
1978	July	22,440	2,328	76	.245	.043	.109	.464	.020	.119
1978	Aug.	7,892	839	78	.240	.043	.111	.470	.022	.114
1978	Sept.	4,705	499	78	.237	.043	.112	.471	.024	.113
1978	Oct.	4,987	506	75	.240	.044	.109	.471	.025	.111
1978	Nov.	4,312	504	86	.242	.042	.108	.481	.022	.104
1978	Dec.	4,235	448	78	.240	.043	.109	.474	.025	.108
1979	Jan.	4,538	513	83	.242	.043	.109	.479	.023	.105
1979	Feb.	4,088	485	87	.243	.042	.108	.482	.021	.103
1979	Mar.	4,493	563	92	.244	.042	.108	.486	.020	.101
1979	Apr.	12,020	1,536	94	.245	.041	.109	.482	.016	.105
1979	May	42,000	4,069	71	.241	.044	.113	.458	.018	.125
1979	June	53,950	4,997	68	.241	.045	.113	.453	.019	.129
1979	July	23,670	2,614	81	.243	.043	.111	.470	.018	.115
1979	Aug.	8,751	1,035	87	.243	.042	.109	.479	.019	.107
1979	Sept.	3,876	497	94	.244	.041	.108	.488	.020	.099
1979	Oct.	4,467	533	88	.240	.042	.115	.490	.021	.093
1979	Nov.	4,342	495	84	.236	.042	.116	.482	.022	.101
1979	Dec.	4,415	496	83	.235	.042	.116	.480	.023	.105
1980	Jan.	4,479	509	84	.236	.042	.116	.482	.022	.102
1980	Feb.	3,947	445	83	.234	.042	.116	.480	.023	.104
1980	Mar.	4,310	502	86	.237	.042	.115	.486	.022	.098
1980	Apr.	11,100	1,291	86	.257	.043	.110	.492	.018	.079
1980	May	44,150	3,819	64	.249	.048	.113	.454	.021	.116

1980	June	61,980	4,291	51	.231	.049	.115	.416	.024	.163
1980	July	22,190	2,302	76	.255	.045	.111	.479	.019	.090
1980	Aug.	7,543	857	84	.244	.043	.114	.485	.021	.093
1980	Sept.	4,382	526	88	.241	.042	.114	.491	.021	.092
1980	Oct.	4,770	561	87	.245	.041	.116	.509	.021	.069
1980	Nov.	4,725	558	87	.246	.041	.115	.511	.020	.066
1980	Dec.	4,403	513	86	.241	.041	.118	.500	.022	.078
1981	Jan.	3,602	422	86	.235	.041	.120	.488	.023	.093
1981	Feb.	3,267	377	85	.232	.041	.121	.483	.024	.100
1981	Mar.	4,548	531	86	.242	.041	.117	.502	.021	.076
1981	Apr.	7,375	792	79	.243	.042	.114	.503	.021	.078
1981	May	13,630	1,508	81	.263	.041	.102	.544	.015	.034
1981	June	16,780	1,828	80	.266	.041	.099	.549	.014	.031
1981	July	11,090	1,319	88	.266	.040	.099	.550	.014	.030
1981	Aug.	5,042	633	92	.257	.040	.109	.532	.018	.045
1981	Sept.	3,283	422	95	.251	.040	.114	.520	.019	.056
1981	Oct.	3,904	485	91	.252	.040	.114	.520	.024	.051
1981	Nov.	4,130	506	90	.251	.040	.113	.519	.023	.052
1981	Dec.	3,913	485	91	.251	.040	.113	.518	.024	.054
1982	Jan.	4,050	465	84	.232	.040	.117	.486	.026	.101
1982	Feb.	3,554	425	88	.242	.040	.115	.503	.025	.075
1982	Mar.	5,270	641	89	.256	.040	.109	.528	.022	.046
1982	Apr.	8,517	1,024	88	.266	.040	.102	.549	.018	.025
1982	May	23,800	2,301	71	.248	.041	.103	.532	.018	.058
1982	June	29,300	2,903	73	.259	.041	.098	.550	.016	.037
1982	July	28,710	2,748	70	.252	.041	.099	.538	.016	.055
1982	Aug.	10,340	1,124	80	.249	.041	.107	.525	.020	.058
1982	Sept.	5,893	625	78	.224	.040	.114	.477	.024	.120
1982	Oct.	5,635	614	80	.231	.040	.109	.497	.029	.095
1982	Nov.	5,044	567	83	.234	.040	.109	.497	.028	.092
1982	Dec.	5,024	575	84	.236	.040	.109	.498	.027	.091
1983	Jan.	4,818	547	84	.234	.040	.109	.498	.028	.091
1983	Feb.	4,542	515	83	.234	.040	.109	.497	.028	.091
1983	Mar.	4,657	544	86	.238	.040	.109	.498	.027	.089
1983	Apr.	8,065	899	82	.247	.038	.107	.493	.019	.095
1983	May	37,300	3,163	62	.235	.039	.102	.483	.015	.125
1983	June	117,500	7,873	49	.217	.041	.098	.472	.015	.156
1983	July	128,000	8,602	49	.220	.040	.098	.472	.014	.156
1983	Aug.	24,660	2,207	66	.233	.040	.104	.487	.018	.118
1983	Sept.	7,141	758	78	.233	.040	.108	.495	.026	.098

Site 3. 09069000 Eagle River at Gypsum, Colo., water years 1947 through 1983.

1946	Oct.	15,450	13,030	620	.173	.038	.122	.136	.165	.367
1946	Nov.	13,540	12,240	665	.170	.037	.123	.130	.171	.369
1946	Dec.	11,650	11,930	753	.164	.036	.126	.120	.181	.372
1947	Jan.	10,320	11,510	820	.160	.035	.128	.114	.188	.374
1947	Feb.	9,287	10,380	822	.160	.035	.128	.114	.188	.374
1947	Mar.	12,010	12,010	735	.165	.036	.126	.122	.180	.371
1947	Apr.	17,610	9,488	396	.180	.044	.111	.171	.141	.353
1947	May	116,900	20,420	129	.220	.048	.076	.309	.068	.278
1947	June	172,300	29,790	127	.228	.045	.075	.314	.065	.273
1947	July	114,100	25,300	163	.219	.044	.085	.275	.082	.295

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 3. 09069000 Eagle River at Gypsum, Colo., water years 1947 through 1983--Continued										
1947	Aug.	32,800	18,290	410	0.193	0.040	0.111	0.174	0.134	0.349
1947	Sept.	21,820	16,100	543	.182	.037	.118	.148	.153	.361
1947	Oct.	21,660	16,060	545	.182	.038	.118	.148	.153	.361
1947	Nov.	17,400	14,040	593	.177	.037	.120	.140	.161	.365
1947	Dec.	12,940	13,450	764	.166	.035	.127	.120	.181	.372
1948	Jan.	11,250	11,820	773	.163	.036	.127	.118	.183	.373
1948	Feb.	11,570	10,570	672	.167	.038	.124	.129	.173	.370
1948	Mar.	13,300	10,730	593	.171	.039	.121	.138	.165	.366
1948	Apr.	31,410	12,580	295	.193	.044	.103	.201	.121	.337
1948	May	146,200	25,810	130	.224	.046	.077	.308	.069	.277
1948	June	133,800	23,920	131	.222	.046	.077	.304	.070	.280
1948	July	45,300	18,460	300	.203	.042	.102	.206	.114	.334
1948	Aug.	18,880	14,050	547	.179	.038	.119	.147	.156	.362
1948	Sept.	11,970	13,300	817	.164	.034	.128	.115	.185	.373
1948	Oct.	14,180	15,190	787	.169	.035	.127	.119	.179	.372
1948	Nov.	12,340	12,570	749	.168	.036	.124	.122	.177	.373
1948	Dec.	12,190	12,500	754	.168	.036	.124	.121	.178	.373
1949	Jan.	11,810	11,930	743	.168	.037	.123	.122	.177	.374
1949	Feb.	11,190	11,030	725	.169	.037	.122	.124	.175	.373
1949	Mar.	12,940	11,750	668	.171	.038	.119	.131	.169	.371
1949	Apr.	24,110	10,500	320	.190	.045	.099	.191	.128	.346
1949	May	74,770	16,380	161	.214	.049	.078	.280	.080	.298
1949	June	168,400	28,740	126	.226	.046	.074	.319	.064	.271
1949	July	80,840	23,300	212	.214	.044	.091	.247	.093	.312
1949	Aug.	21,740	14,750	499	.184	.040	.114	.156	.148	.359
1949	Sept.	15,690	14,100	661	.175	.037	.122	.132	.166	.368
1949	Oct.	19,780	16,880	628	.188	.039	.106	.139	.143	.385
1949	Nov.	16,990	15,970	691	.185	.038	.107	.131	.148	.390
1949	Dec.	13,200	13,460	750	.178	.038	.110	.125	.159	.391
1950	Jan.	11,240	10,740	702	.175	.038	.111	.128	.163	.384
1950	Feb.	10,270	9,679	693	.176	.038	.111	.129	.162	.383
1950	Mar.	11,170	9,845	648	.176	.039	.111	.134	.162	.378
1950	Apr.	24,780	9,912	294	.195	.044	.098	.204	.124	.334
1950	May	70,840	16,480	171	.212	.046	.083	.268	.090	.300
1950	June	149,500	26,710	131	.223	.046	.073	.304	.071	.282
1950	July	42,930	21,100	362	.205	.042	.095	.186	.115	.356
1950	Aug.	12,740	12,800	739	.177	.038	.111	.125	.160	.390
1950	Sept.	12,840	14,720	843	.178	.037	.110	.116	.159	.400
1950	Oct.	13,790	14,930	796	.190	.040	.094	.126	.119	.431
1950	Nov.	13,560	15,650	848	.193	.040	.090	.124	.110	.443
1950	Dec.	12,650	12,050	700	.182	.039	.104	.131	.147	.397

1951 Jan.	11,380	10,620	686	.176	.038	.110	.129	.165	.382
1951 Feb.	9,739	8,727	659	.171	.038	.115	.129	.180	.368
1951 Mar.	11,410	10,750	693	.176	.038	.110	.129	.163	.384
1951 Apr.	17,440	9,195	388	.174	.040	.111	.164	.183	.328
1951 May	84,220	16,110	141	.206	.048	.073	.291	.107	.276
1951 June	150,500	25,710	126	.224	.051	.054	.322	.063	.286
1951 July	94,970	24,590	190	.223	.050	.062	.266	.071	.329
1951 Aug.	30,720	18,490	443	.208	.045	.080	.175	.097	.396
1951 Sept.	13,850	14,880	790	.191	.040	.093	.127	.116	.433
1951 Oct.	15,600	15,930	751	.195	.039	.090	.132	.109	.435
1951 Nov.	14,650	13,360	671	.190	.039	.097	.137	.129	.408
1951 Dec.	12,720	11,640	673	.181	.037	.107	.132	.154	.390
1952 Jan.	11,980	10,480	643	.175	.036	.112	.133	.171	.373
1952 Feb.	10,030	9,298	682	.171	.035	.116	.127	.179	.371
1952 Mar.	10,920	9,787	659	.171	.035	.116	.129	.183	.366
1952 Apr.	33,880	15,570	338	.204	.041	.084	.189	.114	.369
1952 May	113,700	33,880	219	.240	.047	.048	.251	.051	.364
1952 June	231,200	47,670	152	.251	.048	.035	.298	.032	.335
1952 July	64,630	41,640	474	.237	.046	.045	.174	.038	.461
1952 Aug.	39,310	49,080	918	.226	.044	.041	.125	.029	.535
1952 Sept.	22,100	18,600	619	.206	.041	.077	.147	.091	.438
1952 Oct.	13,400	11,930	655	.186	.034	.110	.137	.152	.381
1952 Nov.	13,590	13,230	716	.191	.035	.103	.135	.132	.403
1952 Dec.	14,370	13,490	690	.191	.035	.103	.137	.134	.399
1953 Jan.	13,370	11,960	658	.186	.034	.109	.137	.152	.382
1953 Feb.	10,160	9,439	683	.177	.033	.118	.130	.173	.369
1953 Mar.	12,240	10,200	613	.178	.033	.117	.136	.178	.358
1953 Apr.	14,770	9,041	450	.176	.033	.117	.151	.194	.329
1953 May	56,150	12,590	165	.203	.038	.082	.248	.141	.286
1953 June	169,000	25,290	110	.234	.045	.047	.323	.061	.290
1953 July	51,060	19,800	285	.221	.041	.071	.215	.089	.363
1953 Aug.	24,390	16,620	501	.207	.038	.087	.165	.108	.395
1953 Sept.	10,400	10,790	763	.179	.033	.116	.125	.162	.384
1953 Oct.	10,450	12,740	896	.180	.030	.115	.118	.169	.388
1953 Nov.	14,490	15,090	766	.191	.031	.108	.132	.154	.384
1953 Dec.	11,930	12,650	780	.184	.031	.113	.126	.163	.383
1954 Jan.	10,720	11,200	769	.181	.031	.115	.125	.167	.382
1954 Feb.	8,902	9,024	745	.178	.031	.117	.124	.170	.380
1954 Mar.	9,096	9,387	759	.176	.031	.119	.121	.173	.380
1954 Apr.	17,200	8,455	362	.193	.034	.105	.168	.147	.354
1954 May	53,650	11,900	163	.220	.037	.079	.250	.102	.311
1954 June	44,140	14,790	246	.220	.035	.083	.220	.110	.332
1954 July	19,610	14,210	533	.199	.032	.102	.154	.143	.370
1954 Aug.	9,882	11,050	823	.178	.030	.117	.120	.171	.384
1954 Sept.	11,030	11,180	746	.182	.031	.114	.126	.166	.382
1954 Oct.	15,240	13,300	642	.191	.033	.105	.137	.153	.382
1954 Nov.	12,690	12,370	717	.187	.032	.108	.129	.158	.386
1954 Dec.	10,750	11,510	787	.183	.031	.113	.121	.164	.388
1955 Jan.	9,616	10,290	787	.181	.030	.115	.119	.167	.388
1955 Feb.	7,974	8,658	798	.179	.030	.118	.117	.169	.388
1955 Mar.	9,410	9,666	755	.181	.030	.116	.120	.166	.386
1955 Apr.	20,780	9,960	353	.199	.034	.100	.169	.139	.358
1955 May	64,670	14,010	159	.222	.040	.073	.255	.100	.311
1955 June	77,760	17,260	163	.225	.040	.069	.259	.096	.310

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 3. 09069000 Eagle River at Gypsum, Colo., water years 1947 through 1983--Continued											
1955	July	33,490	14,790	325	0.209	0.037	0.088	0.189	0.126	0.351	
1955	Aug.	20,350	13,330	482	.199	.034	.099	.157	.142	.370	
1955	Sept.	9,590	9,783	750	.182	.031	.115	.121	.165	.386	
1955	Oct.	9,031	10,390	846	.177	.034	.115	.112	.163	.400	
1955	Nov.	13,580	13,290	719	.183	.034	.112	.124	.155	.392	
1955	Dec.	12,350	11,800	703	.184	.035	.109	.125	.153	.393	
1956	Jan.	10,760	10,330	706	.184	.035	.108	.124	.154	.395	
1956	Feb.	9,535	9,198	709	.184	.035	.108	.124	.154	.396	
1956	Mar.	12,910	11,530	657	.187	.035	.107	.130	.150	.391	
1956	Apr.	24,060	11,390	348	.206	.038	.089	.178	.123	.367	
1956	May	126,300	24,210	141	.229	.039	.064	.284	.081	.304	
1956	June	121,300	23,270	141	.229	.039	.064	.284	.081	.304	
1956	July	28,190	14,590	380	.205	.037	.092	.174	.125	.368	
1956	Aug.	15,220	12,390	599	.189	.035	.105	.136	.146	.387	
1956	Sept.	8,402	9,570	838	.177	.034	.114	.112	.163	.400	
1956	Oct.	7,934	9,877	915	.169	.036	.118	.106	.171	.400	
1956	Nov.	12,170	13,130	793	.177	.034	.117	.117	.163	.392	
1956	Dec.	10,960	11,910	799	.176	.035	.116	.116	.163	.394	
1957	Jan.	10,570	10,830	753	.178	.037	.112	.120	.158	.395	
1957	Feb.	9,291	9,328	738	.178	.037	.111	.122	.157	.395	
1957	Mar.	10,630	10,690	739	.178	.037	.111	.122	.157	.394	
1957	Apr.	16,050	11,790	540	.190	.037	.103	.145	.141	.383	
1957	May	63,380	21,780	253	.222	.035	.082	.223	.098	.340	
1957	June	229,700	41,350	132	.241	.030	.064	.307	.069	.289	
1957	July	183,800	36,530	146	.238	.031	.066	.293	.073	.298	
1957	Aug.	46,380	20,600	327	.213	.035	.090	.195	.112	.355	
1957	Sept.	22,010	16,320	545	.194	.034	.106	.147	.140	.379	
1957	Oct.	16,450	14,800	662	.184	.035	.112	.133	.152	.384	
1957	Nov.	17,360	16,310	691	.185	.033	.112	.130	.154	.385	
1957	Dec.	15,180	14,390	697	.182	.034	.113	.129	.156	.386	
1958	Jan.	12,830	12,350	708	.179	.036	.114	.127	.158	.386	
1958	Feb.	11,600	10,310	654	.180	.037	.113	.133	.153	.384	
1958	Mar.	11,940	10,660	657	.179	.037	.113	.132	.154	.384	
1958	Apr.	15,040	9,808	480	.189	.039	.105	.156	.137	.374	
1958	May	135,700	21,260	115	.235	.035	.062	.313	.066	.289	
1958	June	146,000	24,590	124	.237	.034	.062	.306	.067	.293	
1958	July	26,780	13,810	379	.201	.037	.097	.178	.123	.364	
1958	Aug.	11,300	10,630	692	.177	.037	.115	.128	.157	.386	
1958	Sept.	10,040	10,260	752	.174	.037	.117	.122	.162	.388	
1958	Oct.	9,432	10,370	808	.165	.037	.118	.117	.168	.395	
1958	Nov.	12,830	13,440	770	.177	.034	.112	.124	.151	.402	

1958	Dec.	11,930	12,700	782	.173	.034	.114	.121	.156	.400
1959	Jan.	10,870	11,730	793	.170	.035	.116	.119	.161	.399
1959	Feb.	9,118	9,431	761	.168	.037	.117	.121	.164	.393
1959	Mar.	9,404	9,604	751	.166	.038	.118	.121	.168	.390
1959	Apr.	15,110	10,380	505	.183	.040	.106	.152	.144	.375
1959	May	59,680	14,770	182	.222	.041	.076	.262	.088	.312
1959	June	159,300	25,580	118	.247	.034	.057	.327	.057	.279
1959	July	41,230	15,610	278	.213	.038	.086	.213	.104	.346
1959	Aug.	15,600	12,310	580	.183	.037	.108	.143	.144	.385
1959	Sept.	11,560	11,140	708	.174	.036	.113	.127	.156	.393
1959	Oct.	20,210	14,290	520	.195	.036	.101	.157	.132	.379
1959	Nov.	16,090	12,470	570	.189	.036	.105	.148	.139	.383
1959	Dec.	11,580	10,680	678	.178	.035	.112	.131	.154	.389
1960	Jan.	10,510	10,130	709	.176	.035	.113	.127	.158	.390
1960	Feb.	9,479	8,895	690	.175	.035	.113	.128	.159	.389
1960	Mar.	14,970	11,280	554	.186	.036	.106	.147	.143	.381
1960	Apr.	33,450	12,230	269	.210	.039	.088	.209	.110	.345
1960	May	73,850	15,580	155	.227	.039	.072	.272	.083	.307
1960	June	148,600	26,280	130	.240	.037	.061	.312	.064	.287
1960	July	43,020	16,680	285	.215	.038	.086	.212	.104	.347
1960	Aug.	14,600	11,390	574	.185	.036	.107	.144	.145	.383
1960	Sept.	10,580	11,010	765	.176	.034	.113	.125	.157	.394
1960	Oct.	10,940	12,620	849	.177	.034	.112	.120	.155	.403
1960	Nov.	13,360	14,580	803	.183	.033	.109	.128	.145	.402
1960	Dec.	11,880	12,790	791	.179	.034	.110	.125	.151	.400
1961	Jan.	10,240	11,070	795	.175	.034	.112	.121	.157	.400
1961	Feb.	8,785	9,039	757	.174	.035	.113	.122	.159	.397
1961	Mar.	9,880	9,378	698	.175	.035	.112	.126	.158	.394
1961	Apr.	11,660	9,150	577	.181	.036	.108	.139	.150	.386
1961	May	59,100	12,140	151	.220	.040	.076	.263	.091	.310
1961	June	84,170	15,910	139	.230	.039	.069	.289	.077	.296
1961	July	22,850	12,640	407	.199	.037	.097	.172	.125	.369
1961	Aug.	17,040	12,690	547	.191	.036	.103	.150	.137	.384
1961	Sept.	35,800	17,140	352	.213	.037	.089	.196	.108	.358
1961	Oct.	32,360	14,050	319	.211	.036	.090	.195	.115	.352
1961	Nov.	19,240	11,910	455	.200	.035	.099	.165	.131	.371
1961	Dec.	14,400	11,100	567	.192	.034	.104	.148	.141	.380
1962	Jan.	12,440	10,010	592	.189	.034	.106	.144	.145	.383
1962	Feb.	12,600	9,932	580	.192	.034	.105	.147	.142	.381
1962	Mar.	13,340	11,260	621	.190	.033	.106	.142	.145	.384
1962	Apr.	51,310	18,290	262	.218	.035	.086	.212	.108	.341
1962	May	117,500	25,730	161	.233	.036	.072	.267	.084	.307
1962	June	166,600	28,850	127	.238	.036	.066	.294	.075	.291
1962	July	86,860	23,010	195	.227	.036	.078	.243	.094	.322
1962	Aug.	23,340	15,030	474	.201	.034	.099	.164	.130	.371
1962	Sept.	13,720	13,610	730	.188	.032	.108	.135	.148	.388
1962	Oct.	15,350	11,270	533	.194	.035	.103	.146	.138	.384
1962	Nov.	15,180	11,010	540	.195	.035	.102	.147	.137	.383
1962	Dec.	11,770	10,230	639	.186	.034	.107	.130	.146	.396
1963	Jan.	11,480	10,170	651	.185	.034	.108	.129	.147	.397
1963	Feb.	10,000	9,061	666	.184	.034	.108	.127	.148	.399
1963	Mar.	10,620	9,879	684	.183	.034	.109	.125	.149	.401
1963	Apr.	15,610	11,090	522	.196	.035	.102	.149	.136	.382
1963	May	55,910	17,550	231	.228	.038	.080	.239	.100	.317

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 3. 09069000 Eagle River at Gypsum, Colo., water years 1947 through 1983--Continued										
1963	June	54,170	17,240	234	0.229	0.038	0.079	0.239	0.099	0.316
1963	July	21,290	12,530	433	.203	.036	.097	.166	.128	.369
1963	Aug.	21,380	12,510	430	.203	.036	.097	.166	.129	.369
1963	Sept.	15,360	10,960	525	.195	.035	.102	.148	.137	.383
1963	Oct.	8,836	9,380	781	.168	.036	.116	.119	.167	.393
1963	Nov.	11,600	10,090	640	.179	.037	.110	.135	.150	.389
1963	Dec.	9,622	9,663	739	.171	.037	.114	.124	.162	.392
1964	Jan.	9,233	9,527	759	.169	.037	.115	.122	.164	.393
1964	Feb.	8,162	8,742	788	.167	.036	.116	.119	.168	.394
1964	Mar.	8,563	9,278	797	.167	.036	.117	.118	.169	.394
1964	Apr.	12,120	10,200	619	.180	.038	.109	.137	.149	.388
1964	May	70,590	17,640	184	.231	.040	.073	.244	.082	.330
1964	June	93,380	20,640	163	.244	.041	.065	.269	.066	.317
1964	July	43,270	15,920	271	.221	.040	.082	.211	.094	.352
1964	Aug.	22,310	12,880	425	.201	.039	.096	.169	.121	.374
1964	Sept.	12,420	10,320	611	.181	.038	.108	.138	.147	.388
1964	Oct.	9,949	11,000	813	.173	.038	.100	.119	.157	.413
1964	Nov.	11,150	11,580	764	.179	.036	.095	.122	.154	.413
1964	Dec.	10,590	11,120	772	.175	.038	.099	.123	.153	.412
1965	Jan.	10,240	10,500	754	.174	.040	.102	.125	.150	.410
1965	Feb.	8,450	9,057	788	.170	.040	.104	.121	.154	.411
1965	Mar.	8,491	8,948	775	.166	.042	.109	.122	.153	.409
1965	Apr.	18,610	11,750	464	.193	.043	.093	.162	.118	.391
1965	May	71,520	18,440	190	.236	.046	.068	.264	.057	.329
1965	June	177,600	31,190	129	.270	.037	.047	.311	.041	.293
1965	July	122,500	26,470	159	.256	.040	.055	.284	.050	.315
1965	Aug.	48,760	18,770	283	.230	.041	.072	.216	.080	.361
1965	Sept.	25,050	14,080	413	.208	.042	.085	.179	.101	.384
1965	Oct.	23,120	12,490	397	.204	.050	.084	.193	.096	.374
1965	Nov.	15,070	10,560	515	.188	.050	.092	.164	.115	.392
1965	Dec.	12,880	10,180	581	.179	.050	.096	.151	.126	.399
1966	Jan.	11,070	9,682	643	.173	.049	.099	.141	.134	.404
1966	Feb.	9,578	8,625	662	.171	.049	.099	.139	.136	.405
1966	Mar.	12,740	10,150	586	.179	.050	.096	.150	.126	.399
1966	Apr.	19,540	11,530	434	.198	.050	.086	.183	.102	.380
1966	May	74,580	18,760	185	.246	.047	.059	.291	.051	.306
1966	June	56,410	16,670	217	.238	.048	.064	.269	.059	.321
1966	July	24,730	12,720	378	.206	.050	.082	.197	.093	.371
1966	Aug.	15,010	10,710	525	.185	.050	.093	.161	.118	.393
1966	Sept.	10,370	9,275	657	.171	.049	.099	.139	.136	.405
1966	Oct.	12,940	11,470	652	.176	.042	.098	.134	.149	.401

1966	Nov.	11,530	10,490	669	.174	.043	.098	.133	.146	.406
1966	Dec.	10,380	9,468	671	.173	.047	.096	.135	.134	.415
1967	Jan.	9,572	8,474	651	.174	.051	.092	.141	.122	.421
1967	Feb.	8,402	7,621	667	.172	.051	.093	.138	.124	.422
1967	Mar.	11,870	9,221	571	.181	.050	.089	.152	.117	.411
1967	Apr.	18,440	8,883	354	.201	.057	.070	.207	.078	.387
1967	May	53,150	12,580	174	.229	.051	.053	.290	.056	.322
1967	June	100,800	19,350	141	.245	.042	.049	.320	.056	.288
1967	July	47,660	18,030	278	.219	.040	.074	.218	.107	.343
1967	Aug.	15,600	13,180	621	.179	.039	.099	.136	.157	.391
1967	Sept.	15,590	13,510	637	.177	.037	.101	.132	.167	.386
1967	Oct.	15,910	14,330	662	.192	.046	.075	.139	.108	.440
1967	Nov.	12,090	10,940	665	.186	.047	.082	.138	.115	.432
1967	Dec.	11,320	9,803	637	.184	.047	.086	.141	.118	.424
1968	Jan.	9,902	8,119	603	.182	.047	.091	.146	.122	.412
1968	Feb.	9,457	7,565	588	.182	.047	.091	.148	.122	.410
1968	Mar.	9,979	7,669	565	.183	.048	.092	.151	.122	.405
1968	Apr.	12,720	7,857	454	.191	.048	.087	.172	.116	.387
1968	May	42,240	12,020	209	.220	.045	.065	.261	.087	.322
1968	June	145,300	23,950	121	.244	.041	.043	.336	.060	.276
1968	July	45,570	16,290	263	.223	.045	.062	.232	.086	.352
1968	Aug.	37,410	17,250	339	.217	.046	.064	.203	.090	.381
1968	Sept.	17,020	11,950	516	.197	.047	.077	.161	.107	.412
1968	Oct.	15,690	12,680	594	.195	.045	.077	.147	.108	.427
1968	Nov.	15,350	12,910	619	.195	.045	.076	.144	.107	.432
1968	Dec.	11,870	9,901	614	.187	.045	.084	.142	.118	.423
1969	Jan.	11,070	8,560	568	.186	.045	.088	.147	.122	.412
1969	Feb.	9,297	6,887	545	.184	.045	.091	.150	.125	.405
1969	Mar.	10,530	7,898	552	.184	.045	.090	.149	.124	.407
1969	Apr.	28,680	10,830	278	.209	.046	.074	.216	.098	.358
1969	May	92,270	17,030	136	.230	.044	.055	.312	.069	.290
1969	June	81,860	20,660	186	.234	.045	.053	.270	.069	.329
1969	July	53,200	17,930	248	.224	.046	.061	.235	.081	.353
1969	Aug.	18,120	12,080	490	.199	.046	.077	.163	.106	.409
1969	Sept.	13,570	9,604	521	.192	.045	.083	.156	.114	.409
1969	Oct.	21,170	14,520	504	.207	.045	.068	.163	.092	.424
1969	Nov.	15,500	11,620	551	.201	.044	.074	.154	.101	.426
1969	Dec.	12,010	10,070	616	.195	.043	.079	.143	.111	.429
1970	Jan.	11,510	9,472	605	.194	.043	.081	.143	.114	.425
1970	Feb.	9,572	7,873	605	.192	.043	.084	.142	.118	.421
1970	Mar.	10,050	8,097	592	.190	.043	.086	.143	.122	.415
1970	Apr.	14,010	8,812	463	.197	.044	.083	.163	.114	.398
1970	May	129,400	23,590	134	.225	.048	.055	.310	.062	.300
1970	June	143,200	24,170	124	.226	.048	.055	.324	.060	.288
1970	July	62,090	17,620	209	.220	.047	.064	.252	.077	.339
1970	Aug.	20,950	11,690	410	.205	.045	.076	.179	.101	.394
1970	Sept.	27,500	14,650	392	.212	.046	.068	.186	.088	.400
1970	Oct.	25,390	15,430	447	.211	.043	.071	.174	.083	.417
1970	Nov.	17,410	10,170	430	.191	.043	.092	.165	.123	.386
1970	Dec.	13,530	8,546	465	.179	.042	.102	.152	.147	.377
1971	Jan.	11,930	7,723	476	.173	.042	.108	.147	.161	.370
1971	Feb.	10,180	7,034	508	.174	.041	.106	.144	.158	.378
1971	Mar.	14,960	9,970	490	.191	.042	.090	.155	.125	.397
1971	Apr.	33,860	11,210	243	.190	.046	.098	.209	.121	.336

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 3. 09069000 Eagle River at Gypsum, Colo., water years 1947 through 1983--Continued											
1971	May	68,080	15,350	166	0.199	0.048	0.090	0.257	0.099	0.307	
1971	June	157,100	25,090	118	.217	.050	.068	.313	.061	.292	
1971	July	63,080	19,490	227	.216	.047	.071	.235	.073	.357	
1971	Aug.	20,500	12,450	447	.200	.043	.082	.168	.103	.403	
1971	Sept.	20,130	13,230	483	.206	.043	.075	.165	.092	.419	
1971	Oct.	16,280	13,020	588	.207	.040	.069	.152	.082	.449	
1971	Nov.	15,590	12,530	591	.207	.040	.069	.151	.083	.451	
1971	Dec.	13,680	10,410	559	.197	.041	.080	.152	.102	.429	
1972	Jan.	12,660	9,801	570	.195	.040	.082	.149	.107	.427	
1972	Feb.	9,884	8,309	618	.191	.040	.084	.143	.114	.429	
1972	Mar.	13,350	9,181	506	.190	.041	.090	.156	.116	.408	
1972	Apr.	21,030	8,847	309	.184	.042	.107	.187	.128	.351	
1972	May	59,250	11,860	147	.185	.044	.114	.254	.114	.289	
1972	June	136,800	23,180	125	.211	.045	.084	.293	.065	.301	
1972	July	33,380	12,720	280	.200	.044	.091	.206	.098	.361	
1972	Aug.	14,170	9,164	475	.190	.041	.092	.160	.118	.399	
1972	Sept.	18,130	10,910	443	.199	.042	.084	.169	.100	.406	
1972	Oct.	18,960	10,870	422	.194	.041	.094	.173	.109	.389	
1972	Nov.	16,280	11,130	503	.198	.041	.086	.162	.100	.414	
1972	Dec.	12,740	9,315	538	.186	.039	.097	.153	.121	.403	
1973	Jan.	11,600	8,437	535	.180	.039	.103	.151	.133	.393	
1973	Feb.	10,010	7,426	545	.179	.039	.105	.150	.136	.392	
1973	Mar.	11,610	8,926	565	.184	.039	.098	.149	.125	.404	
1973	Apr.	11,620	8,055	510	.179	.039	.106	.154	.136	.386	
1973	May	75,910	15,810	153	.205	.045	.092	.263	.085	.310	
1973	June	160,100	26,880	124	.229	.047	.067	.297	.050	.311	
1973	July	86,250	20,770	177	.220	.046	.075	.256	.064	.339	
1973	Aug.	24,720	11,380	339	.195	.042	.097	.190	.108	.368	
1973	Sept.	14,640	10,670	536	.196	.040	.087	.157	.103	.418	
1973	Oct.	15,260	11,400	549	.195	.039	.093	.154	.116	.401	
1973	Nov.	14,870	11,390	563	.196	.039	.093	.152	.117	.403	
1973	Dec.	12,720	10,710	619	.191	.038	.095	.145	.123	.407	
1974	Jan.	13,000	10,700	605	.192	.038	.095	.147	.122	.406	
1974	Feb.	10,230	8,922	642	.188	.038	.097	.143	.126	.408	
1974	Mar.	13,400	11,310	620	.193	.038	.094	.145	.122	.408	
1974	Apr.	20,890	11,520	406	.199	.041	.091	.174	.107	.388	
1974	May	133,600	21,670	119	.223	.048	.068	.307	.052	.301	
1974	June	129,700	22,780	129	.226	.048	.068	.297	.053	.308	
1974	July	45,160	16,370	267	.215	.044	.082	.218	.081	.360	
1974	Aug.	19,340	11,840	450	.199	.041	.091	.170	.107	.391	
1974	Sept.	12,840	10,790	618	.192	.038	.094	.145	.122	.407	

1974	Oct.	14,890	11,890	587	.185	.036	.112	.144	.152	.372
1974	Nov.	13,980	11,230	591	.184	.036	.112	.143	.152	.372
1974	Dec.	11,670	9,954	627	.180	.036	.115	.139	.156	.375
1975	Jan.	11,350	9,652	625	.179	.036	.115	.139	.155	.375
1975	Feb.	9,495	8,291	642	.177	.036	.116	.138	.157	.376
1975	Mar.	10,870	9,631	651	.178	.036	.116	.136	.159	.375
1975	Apr.	14,030	10,040	527	.184	.038	.110	.151	.144	.373
1975	May	48,500	12,880	195	.205	.046	.080	.234	.084	.350
1975	June	141,200	21,160	110	.222	.049	.058	.300	.053	.317
1975	July	112,300	19,090	125	.217	.048	.065	.281	.063	.326
1975	Aug.	24,110	13,070	398	.197	.040	.099	.174	.122	.368
1975	Sept.	15,400	11,780	562	.187	.037	.110	.147	.148	.371
1975	Oct.	15,000	12,530	614	.184	.035	.115	.141	.159	.366
1975	Nov.	14,310	12,140	624	.183	.035	.116	.140	.160	.366
1975	Dec.	11,950	10,370	638	.180	.035	.118	.137	.164	.366
1976	Jan.	11,330	10,080	654	.179	.035	.118	.135	.166	.366
1976	Feb.	10,840	9,606	652	.180	.035	.118	.136	.165	.366
1976	Mar.	11,300	9,685	630	.180	.035	.118	.137	.163	.367
1976	Apr.	16,800	9,510	416	.191	.038	.105	.164	.135	.366
1976	May	65,350	13,810	155	.215	.045	.074	.247	.078	.342
1976	June	97,990	15,780	118	.219	.046	.066	.272	.066	.331
1976	July	49,130	15,410	231	.209	.042	.085	.215	.097	.352
1976	Aug.	22,810	12,580	406	.195	.038	.103	.169	.131	.364
1976	Sept.	14,970	11,340	557	.186	.036	.113	.147	.153	.366
1976	Oct.	16,050	12,350	566	.185	.035	.111	.142	.151	.376
1976	Nov.	11,790	10,470	653	.180	.034	.116	.132	.161	.377
1976	Dec.	9,967	9,248	682	.178	.034	.117	.128	.165	.377
1977	Jan.	9,275	8,579	680	.178	.035	.117	.128	.165	.377
1977	Feb.	7,869	7,200	673	.178	.035	.116	.128	.164	.378
1977	Mar.	8,652	7,508	638	.180	.036	.115	.131	.161	.378
1977	Apr.	14,020	7,108	373	.193	.040	.101	.163	.130	.373
1977	May	32,480	8,039	182	.210	.046	.078	.223	.086	.356
1977	June	47,710	11,160	172	.210	.044	.078	.228	.086	.353
1977	July	15,450	9,470	451	.190	.038	.105	.155	.137	.375
1977	Aug.	9,203	7,978	637	.180	.035	.115	.132	.161	.378
1977	Sept.	8,666	8,096	687	.178	.035	.117	.127	.166	.377
1977	Oct.	12,120	10,160	616	.186	.036	.108	.133	.146	.391
1977	Nov.	10,760	8,275	555	.186	.036	.109	.137	.149	.385
1977	Dec.	11,000	8,820	590	.185	.036	.109	.135	.149	.386
1978	Jan.	9,602	7,320	561	.184	.036	.111	.136	.155	.379
1978	Feb.	7,793	5,598	528	.183	.036	.111	.138	.160	.372
1978	Mar.	10,890	9,040	611	.184	.036	.110	.133	.150	.387
1978	Apr.	23,050	9,972	318	.204	.041	.092	.179	.110	.373
1978	May	67,870	16,030	174	.220	.046	.072	.233	.072	.357
1978	June	186,300	29,040	115	.231	.050	.055	.277	.046	.341
1978	July	82,640	18,840	168	.222	.047	.070	.236	.068	.358
1978	Aug.	22,850	13,000	418	.200	.040	.096	.161	.116	.389
1978	Sept.	13,030	9,355	528	.190	.037	.105	.143	.139	.386
1978	Oct.	13,110	10,000	561	.188	.037	.102	.140	.138	.395
1978	Nov.	13,780	9,991	533	.190	.038	.101	.144	.133	.394
1978	Dec.	13,940	10,220	539	.190	.038	.101	.143	.135	.394
1979	Jan.	11,980	9,688	595	.186	.037	.104	.136	.142	.395
1979	Feb.	9,697	8,311	630	.183	.036	.106	.131	.147	.396
1979	Mar.	11,540	9,228	588	.186	.037	.105	.135	.142	.396

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 3. 09069000 Eagle River at Gypsum, Colo., water years 1947 through 1983--Continued										
1979	Apr.	21,340	11,870	409	0.199	0.040	0.093	0.162	0.116	0.389
1979	May	87,290	18,510	156	.222	.048	.068	.244	.065	.353
1979	June	190,500	27,960	108	.232	.050	.054	.291	.045	.327
1979	July	91,870	19,060	153	.225	.049	.066	.249	.060	.351
1979	Aug.	27,360	10,210	274	.207	.046	.086	.188	.093	.382
1979	Sept.	13,850	7,588	403	.193	.042	.098	.155	.119	.393
1979	Oct.	12,950	10,100	574	.186	.036	.103	.141	.141	.392
1979	Nov.	13,500	9,714	529	.188	.037	.102	.146	.136	.392
1979	Dec.	13,140	8,170	457	.187	.037	.101	.149	.133	.392
1980	Jan.	12,470	8,832	521	.185	.036	.103	.144	.139	.392
1980	Feb.	12,070	8,740	533	.186	.036	.103	.144	.139	.392
1980	Mar.	13,490	9,302	507	.187	.037	.102	.147	.135	.392
1980	Apr.	18,760	10,080	395	.195	.039	.095	.163	.120	.388
1980	May	68,310	15,780	170	.221	.048	.070	.231	.068	.363
1980	June	151,200	22,850	111	.233	.052	.056	.276	.046	.337
1980	July	50,380	14,650	214	.215	.045	.076	.211	.080	.371
1980	Aug.	16,040	8,934	410	.192	.038	.097	.159	.123	.391
1980	Sept.	12,900	9,024	514	.187	.037	.102	.146	.137	.392
1980	Oct.	12,240	9,156	550	.184	.036	.102	.148	.140	.390
1980	Nov.	13,400	10,840	595	.186	.036	.105	.147	.151	.375
1980	Dec.	12,400	9,915	588	.184	.035	.104	.145	.147	.385
1981	Jan.	10,910	9,371	631	.180	.035	.106	.138	.150	.391
1981	Feb.	9,243	7,662	610	.179	.035	.105	.138	.145	.398
1981	Mar.	9,132	7,319	589	.176	.035	.103	.136	.139	.411
1981	Apr.	15,240	7,141	344	.188	.038	.091	.174	.111	.399
1981	May	36,030	9,894	202	.207	.043	.076	.237	.085	.352
1981	June	75,680	12,950	126	.219	.046	.064	.299	.067	.305
1981	July	27,840	9,799	259	.203	.041	.082	.213	.096	.364
1981	Aug.	12,080	7,320	446	.184	.037	.096	.157	.121	.406
1981	Sept.	14,530	8,071	409	.189	.038	.094	.167	.120	.392
1981	Oct.	15,580	8,621	407	.185	.038	.104	.172	.139	.363
1981	Nov.	13,010	7,893	446	.180	.037	.108	.163	.148	.364
1981	Dec.	11,290	7,079	461	.172	.036	.116	.156	.165	.354
1982	Jan.	11,020	8,102	541	.175	.035	.111	.147	.156	.375
1982	Feb.	8,719	6,677	563	.170	.035	.117	.142	.169	.368
1982	Mar.	9,997	7,854	578	.172	.035	.114	.142	.162	.376
1982	Apr.	15,470	7,942	378	.183	.038	.106	.176	.143	.355
1982	May	66,270	17,050	189	.226	.044	.060	.257	.063	.350
1982	June	155,400	26,540	126	.244	.045	.040	.305	.036	.330
1982	July	95,270	19,160	148	.233	.045	.052	.286	.052	.332
1982	Aug.	31,320	12,500	293	.208	.041	.080	.209	.095	.368

1982	Sept.	23,120	12,630	402	.204	.039	.081	.180	.099	.398
1982	Oct.	20,810	13,500	477	.195	.039	.083	.165	.104	.414
1982	Nov.	15,310	11,220	539	.188	.037	.089	.154	.118	.413
1982	Dec.	12,740	10,270	592	.181	.036	.094	.146	.130	.412
1983	Jan.	11,240	8,957	586	.177	.036	.101	.147	.144	.394
1983	Feb.	9,231	7,184	572	.174	.036	.106	.150	.155	.378
1983	Mar.	10,410	8,478	599	.175	.036	.103	.146	.150	.391
1983	Apr.	10,890	7,314	494	.175	.038	.109	.162	.158	.358
1983	May	53,190	16,350	226	.217	.045	.073	.239	.079	.347
1983	June	225,000	38,450	126	.246	.049	.044	.308	.034	.319
1983	July	154,900	29,930	142	.239	.049	.052	.298	.043	.319
1983	Aug.	59,200	17,160	213	.219	.046	.072	.252	.074	.337
1983	Sept.	19,320	11,410	434	.194	.040	.089	.175	.113	.390

Site 4. 09070500 Colorado River near Dotsero, Colo., water years 1959 through 1983.

1958	Oct.	54,290	27,560	373	.182	.037	.114	.194	.125	.348
1958	Nov.	50,470	26,180	381	.180	.037	.115	.192	.127	.349
1958	Dec.	51,710	26,910	383	.180	.037	.115	.191	.127	.349
1959	Jan.	60,810	29,160	353	.185	.038	.112	.202	.119	.344
1959	Feb.	53,080	25,920	359	.184	.037	.113	.200	.121	.345
1959	Mar.	44,990	25,210	412	.176	.036	.119	.182	.134	.354
1959	Apr.	75,780	31,670	307	.193	.039	.106	.220	.107	.335
1959	May	244,700	56,560	170	.222	.043	.079	.308	.064	.283
1959	June	310,200	62,840	149	.228	.044	.073	.330	.055	.270
1959	July	116,100	39,410	250	.204	.040	.097	.249	.091	.319
1959	Aug.	80,000	33,130	305	.194	.039	.105	.222	.106	.334
1959	Sept.	66,150	29,810	331	.189	.038	.109	.210	.113	.340
1959	Oct.	81,560	33,620	303	.194	.039	.105	.223	.105	.334
1959	Nov.	67,420	30,140	329	.190	.038	.109	.212	.112	.339
1959	Dec.	57,380	28,350	363	.184	.037	.113	.198	.122	.346
1960	Jan.	64,170	29,930	343	.187	.038	.110	.206	.116	.342
1960	Feb.	52,760	26,300	367	.183	.037	.113	.197	.123	.347
1960	Mar.	89,980	34,490	282	.196	.039	.103	.230	.102	.329
1960	Apr.	161,400	45,620	208	.214	.042	.088	.277	.077	.302
1960	May	265,900	58,530	162	.224	.043	.078	.315	.061	.279
1960	June	328,500	64,330	144	.229	.044	.072	.335	.054	.267
1960	July	115,400	39,650	253	.204	.040	.097	.249	.090	.319
1960	Aug.	68,070	30,720	332	.189	.038	.109	.210	.114	.340
1960	Sept.	65,340	29,710	334	.189	.038	.109	.210	.114	.341
1960	Oct.	60,170	28,600	350	.187	.036	.111	.202	.120	.343
1960	Nov.	53,830	26,630	364	.184	.036	.113	.197	.124	.346
1960	Dec.	59,470	28,390	351	.186	.036	.112	.201	.121	.343
1961	Jan.	63,490	29,350	340	.189	.037	.110	.206	.118	.341
1961	Feb.	54,980	25,980	347	.187	.037	.111	.203	.120	.342
1961	Mar.	51,530	26,510	378	.181	.036	.115	.191	.128	.348
1961	Apr.	63,840	28,890	333	.190	.037	.109	.209	.116	.339
1961	May	194,200	49,800	189	.222	.040	.084	.292	.072	.290
1961	June	190,300	48,800	189	.222	.040	.084	.293	.071	.289
1961	July	79,180	32,720	304	.196	.038	.105	.222	.107	.332
1961	Aug.	76,200	32,100	310	.195	.037	.106	.219	.109	.334
1961	Sept.	104,600	36,660	258	.206	.039	.098	.245	.094	.319
1961	Oct.	119,700	40,630	250	.210	.037	.096	.253	.089	.314

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 4. 09070500 Colorado River near Dotsero, Colo., water years 1959 through 1983--Continued											
1961	Nov.	81,300	32,650	295	0.201	0.036	0.104	0.229	0.104	0.326	
1961	Dec.	75,570	31,870	310	.197	.035	.106	.222	.109	.329	
1962	Jan.	77,750	32,360	306	.198	.036	.106	.224	.108	.328	
1962	Feb.	89,040	33,130	274	.205	.036	.101	.240	.097	.321	
1962	Mar.	120,600	40,760	249	.211	.037	.096	.253	.089	.314	
1962	Apr.	333,300	66,500	147	.233	.039	.074	.328	.055	.272	
1962	May	528,800	88,450	123	.241	.039	.065	.358	.043	.254	
1962	June	431,100	78,800	134	.238	.039	.068	.345	.047	.262	
1962	July	282,700	62,910	164	.230	.039	.078	.313	.060	.281	
1962	Aug.	106,900	38,130	262	.207	.037	.099	.245	.094	.318	
1962	Sept.	70,510	30,330	316	.196	.035	.107	.220	.111	.330	
1962	Oct.	125,300	42,150	247	.224	.035	.087	.254	.085	.315	
1962	Nov.	99,000	35,800	266	.217	.036	.091	.241	.094	.321	
1962	Dec.	67,660	28,590	311	.203	.037	.097	.215	.115	.333	
1963	Jan.	51,370	24,040	344	.192	.037	.102	.199	.131	.339	
1963	Feb.	49,250	22,680	339	.194	.037	.101	.202	.127	.338	
1963	Mar.	59,070	26,250	327	.197	.037	.100	.207	.123	.336	
1963	Apr.	77,340	30,750	292	.209	.036	.095	.226	.106	.329	
1963	May	151,300	47,140	229	.231	.034	.084	.267	.077	.307	
1963	June	114,400	39,160	252	.222	.035	.088	.251	.087	.316	
1963	July	62,800	27,420	321	.200	.037	.099	.210	.119	.335	
1963	Aug.	74,830	30,510	300	.206	.037	.096	.221	.110	.330	
1963	Sept.	72,520	29,630	300	.206	.037	.096	.221	.109	.331	
1963	Oct.	59,430	25,440	315	.196	.037	.102	.216	.123	.326	
1963	Nov.	52,070	23,200	328	.192	.036	.106	.210	.131	.325	
1963	Dec.	36,240	18,700	379	.175	.032	.121	.188	.168	.316	
1964	Jan.	34,590	18,170	386	.174	.031	.123	.185	.173	.315	
1964	Feb.	31,700	16,780	389	.173	.031	.124	.184	.175	.315	
1964	Mar.	37,480	19,100	375	.177	.032	.120	.190	.164	.317	
1964	Apr.	61,810	25,760	307	.198	.037	.100	.220	.118	.327	
1964	May	195,500	52,000	196	.234	.048	.063	.279	.056	.321	
1964	June	202,300	54,650	199	.236	.048	.061	.281	.051	.324	
1964	July	94,910	34,230	265	.213	.041	.085	.241	.090	.330	
1964	Aug.	83,110	31,610	280	.208	.040	.090	.234	.098	.330	
1964	Sept.	70,020	28,060	295	.203	.038	.095	.227	.108	.329	
1964	Oct.	62,420	24,080	284	.187	.042	.102	.226	.120	.324	
1964	Nov.	48,410	20,460	311	.178	.040	.109	.212	.141	.322	
1964	Dec.	48,520	20,710	314	.176	.039	.110	.210	.144	.321	
1965	Jan.	45,700	20,020	322	.174	.039	.112	.206	.150	.320	
1965	Feb.	40,620	17,910	324	.173	.038	.112	.205	.152	.320	

1965	Mar.	46,400	20,200	320	.174	.039	.111	.207	.148	.320
1965	Apr.	101,800	31,720	229	.206	.046	.086	.258	.081	.324
1965	May	253,500	55,470	161	.231	.052	.062	.307	.039	.309
1965	June	419,800	74,250	130	.243	.055	.049	.334	.025	.294
1965	July	257,600	56,590	162	.232	.052	.061	.307	.038	.309
1965	Aug.	168,200	43,320	189	.220	.050	.073	.284	.056	.317
1965	Sept.	91,360	29,930	241	.202	.045	.089	.251	.087	.325
1965	Oct.	93,300	31,830	251	.203	.047	.086	.253	.086	.324
1965	Nov.	83,590	29,330	258	.200	.047	.089	.248	.091	.326
1965	Dec.	85,390	30,060	259	.200	.047	.089	.247	.091	.326
1966	Jan.	75,180	27,700	271	.195	.046	.093	.238	.099	.329
1966	Feb.	67,940	25,060	271	.195	.046	.093	.238	.099	.329
1966	Mar.	88,210	30,670	256	.201	.047	.088	.249	.089	.325
1966	Apr.	81,220	28,700	260	.199	.047	.089	.246	.093	.326
1966	May	169,700	46,460	201	.223	.048	.070	.295	.057	.307
1966	June	101,500	32,960	239	.207	.047	.083	.262	.080	.321
1966	July	86,300	30,270	258	.200	.047	.089	.248	.091	.326
1966	Aug.	76,090	27,950	270	.196	.046	.092	.239	.098	.329
1966	Sept.	67,960	25,710	278	.192	.046	.095	.233	.104	.330
1966	Oct.	64,400	25,280	289	.188	.047	.096	.225	.104	.340
1966	Nov.	48,250	20,510	313	.178	.047	.101	.205	.117	.351
1966	Dec.	40,520	18,330	333	.170	.046	.106	.190	.129	.359
1967	Jan.	45,130	19,760	322	.174	.046	.104	.198	.123	.355
1967	Feb.	41,730	18,150	320	.175	.046	.103	.199	.121	.355
1967	Mar.	63,390	24,960	290	.187	.047	.096	.224	.105	.341
1967	Apr.	94,040	32,490	254	.203	.048	.086	.258	.085	.320
1967	May	162,400	46,270	210	.220	.047	.073	.306	.066	.288
1967	June	233,700	61,080	192	.231	.047	.065	.336	.053	.268
1967	July	126,100	40,100	234	.212	.048	.080	.280	.075	.306
1967	Aug.	79,220	29,210	271	.196	.048	.091	.241	.094	.331
1967	Sept.	75,630	27,970	272	.195	.047	.091	.240	.095	.331
1967	Oct.	66,670	26,770	295	.194	.046	.092	.230	.103	.335
1967	Nov.	59,770	24,570	302	.191	.046	.094	.224	.107	.339
1967	Dec.	54,590	23,320	314	.186	.046	.096	.215	.112	.344
1968	Jan.	47,880	21,320	327	.181	.045	.099	.205	.119	.350
1968	Feb.	48,990	21,220	319	.185	.046	.097	.211	.114	.346
1968	Mar.	56,150	23,780	311	.187	.046	.096	.217	.111	.343
1968	Apr.	86,480	31,640	269	.204	.047	.085	.254	.090	.320
1968	May	163,600	49,140	221	.224	.047	.071	.306	.068	.285
1968	June	338,500	80,250	174	.242	.045	.055	.372	.046	.239
1968	July	131,400	42,460	238	.217	.047	.076	.287	.075	.298
1968	Aug.	127,600	41,420	239	.216	.047	.076	.285	.077	.299
1968	Sept.	77,990	29,490	278	.201	.047	.087	.245	.095	.325
1968	Oct.	76,840	28,680	275	.198	.044	.091	.241	.098	.327
1968	Nov.	65,650	25,560	286	.194	.044	.092	.232	.105	.332
1968	Dec.	59,070	24,100	300	.190	.042	.094	.223	.113	.338
1969	Jan.	59,310	24,170	300	.190	.042	.094	.223	.113	.338
1969	Feb.	51,640	21,300	303	.189	.042	.094	.220	.115	.339
1969	Mar.	60,780	24,560	297	.191	.043	.094	.225	.111	.337
1969	Apr.	118,300	37,300	232	.210	.048	.085	.277	.076	.305
1969	May	249,800	62,060	183	.225	.052	.074	.331	.050	.269
1969	June	253,100	61,870	180	.225	.052	.074	.335	.048	.266
1969	July	177,000	49,180	204	.218	.050	.079	.305	.061	.286
1969	Aug.	90,810	32,020	259	.203	.046	.089	.254	.089	.320

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 4. 09070500 Colorado River near Dotsero, Colo., water years 1959 through 1983--Continued										
1969	Sept.	74,460	27,780	274	0.198	0.044	0.091	0.242	0.098	0.327
1969	Oct.	87,060	28,210	238	.201	.046	.094	.263	.093	.304
1969	Nov.	76,190	25,570	247	.199	.045	.095	.256	.099	.307
1969	Dec.	65,580	23,450	263	.195	.043	.096	.243	.110	.314
1970	Jan.	59,050	21,890	273	.192	.042	.096	.235	.117	.317
1970	Feb.	63,750	22,250	257	.196	.044	.095	.248	.105	.311
1970	Mar.	75,080	25,650	251	.198	.045	.095	.252	.101	.309
1970	Apr.	98,360	29,860	223	.204	.047	.092	.275	.085	.297
1970	May	523,400	87,450	123	.221	.058	.074	.397	.030	.220
1970	June	454,800	81,250	131	.222	.058	.076	.386	.032	.227
1970	July	198,400	47,430	176	.214	.052	.086	.324	.057	.267
1970	Aug.	112,700	33,320	217	.206	.048	.092	.282	.080	.293
1970	Sept.	95,070	29,510	228	.203	.047	.093	.272	.086	.299
1970	Oct.	97,090	30,030	227	.199	.045	.095	.267	.090	.304
1970	Nov.	80,450	26,250	240	.195	.043	.097	.256	.099	.310
1970	Dec.	61,470	22,220	266	.188	.040	.099	.235	.118	.319
1971	Jan.	63,570	22,590	261	.189	.041	.099	.238	.117	.318
1971	Feb.	66,630	22,640	250	.192	.042	.098	.248	.106	.314
1971	Mar.	90,330	28,160	229	.197	.044	.095	.263	.095	.306
1971	Apr.	159,700	40,690	187	.208	.049	.089	.306	.065	.282
1971	May	340,200	67,990	147	.217	.055	.079	.358	.040	.250
1971	June	488,900	85,840	129	.220	.058	.074	.386	.031	.232
1971	July	250,800	55,470	163	.214	.053	.084	.336	.050	.264
1971	Aug.	107,900	32,200	219	.201	.046	.094	.275	.084	.301
1971	Sept.	93,540	28,980	228	.198	.045	.095	.267	.090	.305
1971	Oct.	74,340	25,100	248	.192	.042	.101	.249	.103	.312
1971	Nov.	71,780	24,270	249	.192	.042	.101	.249	.104	.312
1971	Dec.	69,640	24,020	254	.191	.042	.101	.245	.107	.314
1972	Jan.	64,500	22,890	261	.189	.042	.102	.240	.110	.317
1972	Feb.	59,660	21,270	262	.189	.042	.102	.239	.111	.317
1972	Mar.	85,170	27,370	236	.195	.043	.099	.258	.097	.308
1972	Apr.	107,500	31,370	215	.200	.044	.097	.276	.086	.298
1972	May	228,800	51,150	164	.211	.046	.088	.325	.061	.269
1972	June	337,700	65,350	142	.215	.047	.083	.354	.049	.252
1972	July	120,400	34,100	208	.201	.044	.096	.281	.083	.295
1972	Aug.	89,140	28,220	233	.196	.043	.099	.261	.095	.306
1972	Sept.	82,020	26,430	237	.195	.043	.099	.258	.097	.308
1972	Oct.	84,300	29,490	257	.191	.040	.106	.244	.108	.311
1972	Nov.	83,150	28,870	255	.192	.040	.106	.245	.107	.310
1972	Dec.	65,550	25,250	283	.185	.039	.109	.227	.123	.317

1973	Jan.	62,840	24,680	289	.184	.039	.110	.224	.125	.318
1973	Feb.	56,370	22,220	290	.184	.039	.110	.224	.125	.319
1973	Mar.	68,230	25,970	280	.186	.039	.109	.230	.120	.316
1973	Apr.	76,360	27,260	263	.189	.040	.107	.240	.112	.312
1973	May	317,500	64,090	148	.214	.046	.086	.340	.053	.261
1973	June	416,300	75,650	134	.218	.046	.081	.361	.044	.249
1973	July	314,100	64,710	152	.215	.046	.087	.338	.053	.262
1973	Aug.	131,400	38,310	214	.201	.042	.100	.275	.086	.296
1973	Sept.	83,210	28,880	255	.192	.040	.106	.245	.107	.310
1973	Oct.	85,850	29,780	255	.195	.040	.111	.248	.106	.300
1973	Nov.	75,310	27,150	265	.193	.040	.112	.242	.111	.302
1973	Dec.	69,600	26,110	276	.190	.039	.114	.235	.118	.305
1974	Jan.	64,440	24,900	284	.188	.039	.115	.230	.122	.306
1974	Feb.	59,860	22,950	282	.189	.039	.114	.231	.120	.306
1974	Mar.	89,890	30,570	250	.196	.041	.110	.251	.103	.299
1974	Apr.	122,000	35,630	215	.203	.042	.104	.275	.088	.288
1974	May	485,100	85,570	130	.222	.046	.081	.368	.042	.242
1974	June	403,100	75,630	138	.221	.045	.083	.357	.045	.248
1974	July	177,000	46,220	192	.209	.043	.098	.297	.073	.279
1974	Aug.	33,470	29,710	236	.199	.041	.107	.262	.096	.295
1974	Sept.	87,310	29,710	250	.196	.041	.110	.252	.103	.299
1974	Oct.	80,690	30,680	280	.195	.039	.107	.228	.108	.323
1974	Nov.	68,310	27,390	295	.193	.038	.109	.219	.116	.326
1974	Dec.	63,630	26,570	307	.190	.037	.110	.212	.123	.328
1975	Jan.	63,930	26,650	307	.190	.037	.110	.212	.122	.328
1975	Feb.	61,630	25,050	299	.192	.038	.109	.217	.118	.326
1975	Mar.	65,590	27,090	304	.191	.038	.110	.214	.121	.327
1975	Apr.	93,610	32,690	257	.198	.040	.104	.242	.099	.317
1975	May	216,900	54,140	184	.209	.045	.091	.302	.063	.290
1975	June	377,600	75,870	148	.214	.048	.081	.346	.043	.267
1975	July	277,800	63,850	169	.212	.046	.087	.320	.053	.281
1975	Aug.	120,100	38,790	238	.202	.042	.101	.257	.087	.311
1975	Sept.	86,300	31,500	268	.197	.040	.105	.235	.102	.320
1975	Oct.	83,090	29,780	264	.199	.040	.103	.229	.102	.328
1975	Nov.	75,350	27,540	269	.198	.040	.104	.224	.105	.329
1975	Dec.	64,540	24,950	284	.195	.039	.107	.211	.116	.333
1976	Jan.	61,830	24,240	288	.194	.038	.107	.208	.118	.334
1976	Feb.	63,390	24,180	280	.196	.039	.106	.214	.113	.332
1976	Mar.	80,030	28,980	266	.198	.040	.104	.226	.104	.329
1976	Apr.	91,860	31,510	252	.200	.040	.101	.240	.095	.324
1976	May	218,100	57,480	194	.206	.044	.086	.308	.060	.296
1976	June	226,600	58,800	191	.207	.044	.085	.312	.058	.294
1976	July	114,300	36,850	237	.202	.041	.098	.255	.086	.318
1976	Aug.	89,990	31,390	257	.200	.040	.102	.235	.097	.326
1976	Sept.	82,180	29,240	262	.199	.040	.103	.231	.100	.327
1976	Oct.	73,310	27,730	278	.196	.040	.103	.219	.105	.336
1976	Nov.	59,700	23,780	293	.194	.039	.105	.208	.115	.339
1976	Dec.	52,530	21,990	308	.191	.038	.107	.197	.124	.342
1977	Jan.	50,200	21,340	313	.190	.038	.108	.194	.127	.343
1977	Feb.	43,660	18,770	316	.190	.038	.109	.192	.129	.343
1977	Mar.	38,720	17,820	338	.185	.036	.111	.178	.144	.345
1977	Apr.	66,850	25,570	281	.195	.040	.104	.216	.108	.337
1977	May	88,330	31,470	262	.199	.041	.100	.222	.095	.332
1977	June	97,030	33,000	250	.200	.042	.098	.243	.089	.328

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 4. 09070500 Colorado River near Dotsero, Colo., water years 1959 through 1983--Continued										
1977	July	80,630	29,560	270	0.198	0.041	0.102	0.226	0.100	0.334
1977	Aug.	84,300	30,550	266	.198	.041	.101	.229	.098	.333
1977	Sept.	73,290	27,450	275	.197	.040	.103	.221	.103	.335
1977	Oct.	59,010	22,270	278	.192	.041	.107	.216	.115	.329
1977	Nov.	40,310	16,930	309	.186	.038	.111	.196	.136	.332
1977	Dec.	44,670	18,370	302	.187	.039	.110	.200	.131	.332
1978	Jan.	46,620	18,950	299	.188	.039	.110	.202	.129	.332
1978	Feb.	41,380	16,910	301	.188	.039	.110	.201	.130	.332
1978	Mar.	49,790	19,830	293	.189	.040	.109	.206	.125	.331
1978	Apr.	95,450	31,030	239	.200	.045	.102	.244	.088	.322
1978	May	256,900	61,430	176	.208	.051	.088	.302	.053	.298
1978	June	445,600	91,460	151	.210	.054	.081	.334	.038	.283
1978	July	189,100	50,460	196	.206	.049	.093	.282	.063	.308
1978	Aug.	87,790	29,540	247	.198	.044	.103	.237	.094	.324
1978	Sept.	79,220	27,260	253	.197	.043	.104	.233	.097	.325
1978	Oct.	74,740	27,240	268	.194	.041	.102	.228	.102	.332
1978	Nov.	72,790	26,470	267	.195	.041	.102	.228	.102	.332
1978	Dec.	50,040	21,270	312	.185	.039	.109	.208	.122	.337
1979	Jan.	46,410	20,400	323	.183	.039	.110	.204	.125	.338
1979	Feb.	45,670	19,430	313	.185	.039	.109	.208	.121	.337
1979	Mar.	55,690	22,830	301	.188	.040	.107	.213	.116	.336
1979	Apr.	84,620	28,740	250	.198	.042	.099	.237	.096	.329
1979	May	332,800	63,960	141	.221	.046	.075	.311	.052	.296
1979	June	466,600	80,820	127	.226	.048	.069	.328	.043	.287
1979	July	271,500	58,620	159	.218	.046	.079	.297	.057	.303
1979	Aug.	101,600	32,740	237	.201	.042	.096	.244	.089	.327
1979	Sept.	77,380	27,470	261	.196	.041	.101	.232	.099	.331
1979	Oct.	76,820	27,140	260	.196	.040	.103	.230	.110	.320
1979	Nov.	65,920	24,420	272	.193	.039	.106	.224	.117	.321
1979	Dec.	66,450	24,850	275	.193	.039	.106	.222	.118	.321
1980	Jan.	62,750	24,020	282	.191	.039	.108	.219	.121	.322
1980	Feb.	56,960	24,410	315	.189	.038	.107	.208	.118	.340
1980	Mar.	62,710	26,890	315	.189	.038	.106	.209	.116	.342
1980	Apr.	97,890	32,610	245	.202	.041	.096	.240	.094	.327
1980	May	349,400	71,220	150	.224	.045	.073	.304	.050	.304
1980	June	424,500	64,640	112	.229	.047	.069	.338	.046	.270
1980	July	151,400	45,310	220	.209	.042	.089	.254	.077	.329
1980	Aug.	88,090	33,690	281	.198	.040	.099	.226	.099	.338
1980	Sept.	79,780	30,590	282	.197	.040	.101	.225	.103	.335
1980	Oct.	64,730	25,430	289	.194	.039	.107	.215	.120	.325

1980	Nov.	58,400	23,870	301	.192	.039	.109	.210	.125	.327
1980	Dec.	56,620	23,110	300	.191	.038	.109	.208	.128	.325
1981	Jan.	46,310	19,380	308	.187	.038	.112	.203	.140	.320
1981	Feb.	36,820	15,400	308	.186	.037	.114	.200	.147	.316
1981	Mar.	41,100	18,140	325	.184	.037	.114	.196	.148	.321
1981	Apr.	65,270	22,090	249	.197	.040	.105	.228	.117	.313
1981	May	106,700	32,030	221	.206	.042	.097	.249	.094	.313
1981	June	235,100	55,390	173	.218	.045	.082	.286	.061	.308
1981	July	83,110	33,360	295	.196	.040	.104	.217	.108	.334
1981	Aug.	82,160	27,650	247	.201	.041	.102	.234	.106	.317
1981	Sept.	77,670	26,670	253	.200	.040	.102	.232	.107	.318
1981	Oct.	63,780	24,880	287	.193	.039	.108	.215	.123	.321
1981	Nov.	50,540	20,030	292	.189	.039	.111	.209	.134	.319
1981	Dec.	44,660	18,910	311	.184	.038	.115	.199	.144	.320
1982	Jan.	45,440	19,200	311	.185	.038	.114	.200	.143	.321
1982	Feb.	41,160	16,330	292	.186	.038	.113	.205	.141	.316
1982	Mar.	52,750	21,280	297	.189	.039	.111	.208	.133	.320
1982	Apr.	74,780	25,630	252	.199	.040	.103	.231	.112	.314
1982	May	209,800	49,390	173	.221	.043	.081	.292	.069	.293
1982	June	347,100	63,750	135	.231	.044	.069	.331	.051	.273
1982	July	220,400	52,850	176	.221	.043	.081	.291	.068	.295
1982	Aug.	126,400	39,770	231	.209	.042	.094	.252	.090	.313
1982	Sept.	92,290	31,480	251	.203	.041	.099	.238	.102	.317
1982	Oct.	89,930	30,590	250	.199	.042	.101	.233	.106	.320
1982	Nov.	74,760	26,370	259	.196	.041	.103	.226	.113	.321
1982	Dec.	59,040	23,100	288	.188	.040	.108	.208	.129	.326
1983	Jan.	56,290	22,740	297	.186	.040	.110	.204	.132	.328
1983	Feb.	50,760	17,980	261	.191	.039	.107	.217	.129	.317
1983	Mar.	59,710	23,620	291	.188	.040	.109	.208	.129	.327
1983	Apr.	75,320	25,790	252	.197	.041	.102	.229	.112	.318
1983	May	263,100	59,570	166	.222	.045	.080	.302	.061	.290
1983	June	724,900	120,900	123	.236	.046	.063	.361	.034	.259
1983	July	575,200	101,300	129	.234	.046	.066	.350	.040	.265
1983	Aug.	222,200	56,240	186	.218	.045	.084	.286	.067	.300
1983	Sept.	107,200	34,640	238	.204	.042	.097	.243	.096	.318

Site 5. 09071100 Colorado River near Glenwood Springs, Colo.,
water years 1942 through 1983.

1941	Oct.	78,050	43,930	414	.153	.035	.164	.167	.216	.265
1941	Nov.	59,320	36,410	451	.144	.034	.172	.155	.235	.260
1941	Dec.	48,000	33,680	516	.136	.033	.179	.142	.254	.256
1942	Jan.	42,610	31,340	541	.132	.032	.182	.137	.264	.253
1942	Feb.	40,610	28,620	518	.134	.033	.181	.140	.260	.253
1942	Mar.	46,400	31,460	499	.135	.033	.180	.143	.257	.252
1942	Apr.	166,600	66,560	294	.180	.038	.137	.207	.161	.276
1942	May	389,100	89,870	170	.203	.041	.111	.270	.115	.259
1942	June	721,500	107,300	109	.215	.043	.092	.327	.086	.238
1942	July	229,600	63,730	204	.185	.040	.130	.243	.146	.256
1942	Aug.	78,490	41,150	386	.152	.036	.164	.171	.217	.260
1942	Sept.	46,120	34,350	548	.137	.032	.178	.139	.253	.260
1942	Oct.	52,670	38,310	535	.140	.033	.175	.142	.245	.264
1942	Nov.	49,200	35,730	534	.139	.033	.176	.142	.248	.262

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 5. 09071100 Colorado River near Glenwood Springs, Colo., water years 1942 through 1983--Continued										
1942	Dec.	40,090	33,160	608	0.131	0.031	0.183	0.129	0.267	0.258
1943	Jan.	37,080	31,700	629	.128	.031	.185	.126	.274	.256
1943	Feb.	35,920	28,610	586	.130	.032	.184	.131	.268	.255
1943	Mar.	48,480	35,050	532	.137	.033	.178	.140	.253	.259
1943	Apr.	161,900	52,220	237	.175	.039	.141	.222	.167	.256
1943	May	342,000	71,280	153	.195	.042	.116	.278	.123	.246
1943	June	581,600	101,900	129	.211	.043	.098	.306	.095	.247
1943	July	253,500	69,940	203	.188	.040	.126	.244	.141	.260
1943	Aug.	108,500	49,000	332	.164	.037	.154	.189	.192	.264
1943	Sept.	66,080	40,420	450	.148	.034	.168	.157	.227	.265
1943	Oct.	60,440	39,470	480	.142	.034	.174	.149	.239	.262
1943	Nov.	67,260	34,300	375	.148	.036	.167	.171	.225	.254
1943	Dec.	64,370	34,440	393	.145	.035	.170	.165	.232	.254
1944	Jan.	37,410	28,740	565	.128	.032	.184	.132	.273	.250
1944	Feb.	44,250	28,830	479	.136	.033	.178	.147	.254	.251
1944	Mar.	50,330	36,340	531	.137	.033	.178	.140	.252	.260
1944	Apr.	84,670	42,360	368	.154	.036	.162	.175	.211	.262
1944	May	301,600	74,810	182	.189	.041	.126	.250	.136	.259
1944	June	497,600	81,000	120	.202	.043	.106	.306	.103	.240
1944	July	184,600	54,430	217	.176	.040	.139	.230	.161	.255
1944	Aug.	72,320	35,470	361	.150	.036	.166	.175	.221	.253
1944	Sept.	45,360	31,870	517	.134	.033	.180	.141	.258	.255
1944	Oct.	60,300	37,900	462	.140	.034	.175	.148	.245	.258
1944	Nov.	56,560	34,240	445	.141	.034	.174	.151	.244	.256
1944	Dec.	58,630	31,800	399	.143	.035	.171	.160	.238	.253
1945	Jan.	41,430	28,270	502	.131	.033	.182	.139	.264	.251
1945	Feb.	36,710	24,680	495	.131	.033	.182	.140	.264	.250
1945	Mar.	61,620	30,560	365	.144	.036	.169	.168	.232	.251
1945	Apr.	72,010	36,450	372	.148	.035	.167	.168	.226	.256
1945	May	347,000	75,300	160	.194	.042	.119	.269	.130	.246
1945	June	461,400	80,330	128	.202	.043	.107	.298	.111	.238
1945	July	267,700	68,970	190	.187	.041	.128	.248	.145	.252
1945	Aug.	180,500	57,650	235	.176	.039	.140	.221	.167	.256
1945	Sept.	73,340	38,410	385	.149	.035	.167	.166	.225	.258
1945	Oct.	77,840	36,650	346	.150	.035	.166	.174	.220	.254
1945	Nov.	73,330	32,300	324	.149	.035	.169	.178	.220	.248
1945	Dec.	70,710	31,280	325	.147	.035	.173	.176	.224	.245
1946	Jan.	67,250	32,000	350	.145	.035	.173	.170	.229	.249
1946	Feb.	53,990	28,600	390	.141	.034	.175	.160	.239	.251
1946	Mar.	63,760	34,590	399	.144	.034	.171	.160	.235	.256

1946	Apr.	197,500	53,090	198	.180	.040	.134	.240	.158	.247
1946	May	283,800	62,130	161	.190	.041	.123	.269	.137	.240
1946	June	361,700	75,270	153	.198	.043	.112	.278	.125	.244
1946	July	163,600	57,120	257	.174	.039	.138	.213	.174	.262
1946	Aug.	83,190	41,800	369	.153	.036	.160	.171	.218	.263
1946	Sept.	59,450	36,810	455	.142	.034	.168	.150	.241	.265
1946	Oct.	69,970	42,470	446	.146	.034	.164	.153	.232	.271
1946	Nov.	60,950	34,470	416	.141	.033	.172	.153	.240	.261
1946	Dec.	77,290	29,610	282	.148	.034	.174	.187	.218	.239
1947	Jan.	51,740	31,280	444	.135	.032	.179	.145	.252	.257
1947	Feb.	53,650	33,530	460	.141	.033	.171	.147	.242	.266
1947	Mar.	68,330	34,810	375	.144	.033	.171	.162	.234	.256
1947	Apr.	123,200	45,270	270	.167	.037	.149	.206	.188	.254
1947	May	486,100	88,620	134	.207	.043	.101	.310	.110	.229
1947	June	605,900	106,400	129	.215	.044	.091	.321	.099	.229
1947	July	438,000	90,490	152	.205	.043	.104	.292	.118	.238
1947	Aug.	146,900	55,330	277	.172	.038	.141	.208	.180	.261
1947	Sept.	79,440	40,940	379	.152	.035	.161	.168	.220	.265
1947	Oct.	89,490	40,860	336	.155	.035	.160	.180	.213	.257
1947	Nov.	80,350	37,130	340	.151	.034	.165	.177	.219	.254
1947	Dec.	74,810	34,440	339	.146	.033	.172	.172	.229	.248
1948	Jan.	76,270	32,500	313	.145	.032	.175	.176	.229	.242
1948	Feb.	72,010	31,490	322	.146	.033	.173	.175	.228	.245
1948	Mar.	68,380	32,000	344	.142	.032	.177	.167	.237	.245
1948	Apr.	161,900	55,380	251	.180	.039	.133	.224	.166	.258
1948	May	542,500	99,550	135	.214	.043	.093	.315	.100	.235
1948	June	469,800	85,730	134	.208	.042	.099	.312	.107	.232
1948	July	156,100	55,040	259	.176	.038	.138	.219	.172	.258
1948	Aug.	90,450	44,060	358	.157	.035	.156	.178	.210	.264
1948	Sept.	56,570	36,440	474	.141	.033	.168	.147	.243	.268
1948	Oct.	62,520	39,030	459	.146	.033	.165	.152	.233	.271
1948	Nov.	65,530	33,780	379	.145	.033	.169	.164	.237	.253
1948	Dec.	58,710	34,750	435	.142	.032	.170	.152	.243	.260
1949	Jan.	66,690	35,870	395	.146	.033	.167	.162	.235	.257
1949	Feb.	55,730	31,350	414	.143	.032	.170	.156	.241	.257
1949	Mar.	57,760	34,550	440	.142	.032	.171	.152	.244	.259
1949	Apr.	132,100	48,120	268	.170	.037	.142	.212	.183	.255
1949	May	364,500	79,700	161	.199	.042	.108	.294	.120	.237
1949	June	654,000	120,500	136	.218	.045	.083	.334	.085	.234
1949	July	356,000	84,040	174	.200	.043	.107	.286	.120	.245
1949	Aug.	105,500	46,550	324	.163	.036	.150	.191	.197	.262
1949	Sept.	69,200	40,130	426	.152	.034	.160	.162	.222	.269
1949	Oct.	61,010	40,640	490	.148	.034	.161	.151	.232	.274
1949	Nov.	54,880	37,150	498	.145	.033	.164	.148	.239	.271
1949	Dec.	58,430	35,840	451	.145	.033	.164	.153	.242	.262
1950	Jan.	55,870	34,950	460	.143	.033	.166	.151	.246	.261
1950	Feb.	54,210	29,890	406	.144	.034	.165	.159	.246	.252
1950	Mar.	79,640	34,890	322	.152	.036	.157	.183	.227	.245
1950	Apr.	140,700	47,640	249	.174	.040	.135	.225	.177	.249
1950	May	259,000	68,820	195	.192	.043	.114	.266	.137	.248
1950	June	429,000	86,110	148	.205	.045	.096	.310	.107	.237
1950	July	136,900	56,850	305	.175	.039	.135	.207	.175	.269
1950	Aug.	79,620	39,250	362	.155	.036	.155	.177	.220	.257
1950	Sept.	66,280	37,310	414	.150	.035	.159	.163	.230	.264

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 5. 09071100 Colorado River near Glenwood Springs, Colo., water years 1942 through 1983--Continued										
1950	Oct.	48,630	35,990	544	0.137	0.032	0.169	0.135	0.257	0.269
1950	Nov.	53,050	33,360	462	.140	.033	.167	.147	.253	.260
1950	Dec.	55,550	33,140	439	.140	.033	.167	.151	.253	.255
1951	Jan.	59,400	32,060	397	.142	.033	.166	.159	.251	.248
1951	Feb.	58,050	28,160	357	.145	.034	.164	.170	.246	.241
1951	Mar.	57,880	31,170	396	.142	.033	.167	.159	.253	.246
1951	Apr.	104,300	39,820	281	.162	.037	.148	.204	.204	.245
1951	May	381,300	80,070	154	.203	.044	.103	.307	.113	.230
1951	June	535,600	97,860	134	.213	.045	.091	.334	.093	.225
1951	July	284,800	69,440	179	.195	.043	.114	.281	.131	.237
1951	Aug.	132,300	55,010	306	.173	.039	.139	.206	.180	.264
1951	Sept.	76,860	43,150	413	.156	.036	.155	.168	.217	.270
1951	Oct.	74,720	42,720	420	.151	.035	.159	.164	.225	.265
1951	Nov.	63,020	34,890	407	.146	.034	.165	.162	.240	.253
1951	Dec.	63,290	31,530	366	.144	.034	.167	.168	.247	.240
1952	Jan.	52,740	31,190	435	.137	.033	.172	.151	.261	.246
1952	Feb.	46,710	28,380	447	.135	.033	.174	.147	.265	.246
1952	Mar.	63,010	31,320	366	.143	.034	.167	.167	.249	.240
1952	Apr.	194,100	68,670	260	.188	.040	.124	.230	.152	.265
1952	May	597,400	121,600	150	.221	.044	.089	.318	.089	.239
1952	June	785,100	140,500	132	.230	.044	.079	.340	.075	.233
1952	July	244,800	79,290	238	.194	.041	.119	.245	.138	.263
1952	Aug.	156,700	74,000	347	.180	.039	.132	.199	.163	.286
1952	Sept.	99,350	51,100	378	.164	.037	.148	.181	.198	.272
1952	Oct.	76,840	44,370	425	.150	.035	.162	.163	.226	.264
1952	Nov.	66,020	39,930	445	.145	.035	.166	.156	.237	.262
1952	Dec.	59,840	34,540	425	.140	.034	.173	.155	.252	.247
1953	Jan.	63,800	36,490	421	.143	.034	.171	.158	.245	.250
1953	Feb.	53,130	29,550	409	.140	.033	.175	.156	.254	.242
1953	Mar.	67,600	37,230	405	.146	.034	.168	.162	.239	.251
1953	Apr.	103,000	47,990	343	.163	.037	.151	.188	.201	.260
1953	May	229,300	68,530	220	.195	.040	.122	.252	.142	.249
1953	June	508,900	97,960	142	.222	.042	.094	.324	.092	.227
1953	July	170,700	67,930	293	.181	.040	.133	.215	.162	.269
1953	Aug.	121,000	58,360	355	.168	.038	.144	.189	.188	.273
1953	Sept.	68,600	40,430	433	.147	.035	.165	.159	.233	.262
1953	Oct.	63,970	39,970	459	.143	.034	.171	.153	.242	.256
1953	Nov.	54,590	39,690	535	.138	.033	.175	.140	.252	.263
1953	Dec.	57,940	37,140	471	.139	.033	.175	.148	.251	.253
1954	Jan.	61,760	35,990	429	.141	.034	.174	.155	.247	.248

1954	Feb.	48,340	28,910	440	.137	.034	.179	.151	.258	.242
1954	Mar.	62,490	36,010	424	.143	.034	.172	.158	.245	.248
1954	Apr.	86,260	37,840	323	.156	.037	.159	.188	.218	.241
1954	May	146,000	47,610	240	.174	.040	.140	.227	.182	.237
1954	June	88,540	44,830	372	.157	.036	.157	.179	.215	.256
1954	July	83,070	45,780	405	.153	.036	.161	.170	.222	.259
1954	Aug.	74,110	43,220	429	.149	.035	.165	.162	.231	.258
1954	Sept.	58,800	36,320	454	.142	.034	.173	.153	.246	.252
1954	Oct.	57,600	37,530	479	.150	.032	.163	.146	.224	.285
1954	Nov.	48,500	33,340	505	.143	.031	.170	.139	.237	.280
1954	Dec.	39,590	35,150	653	.143	.028	.166	.116	.232	.314
1955	Jan.	37,740	29,180	569	.130	.030	.185	.123	.262	.271
1955	Feb.	34,260	27,820	597	.134	.029	.179	.120	.253	.284
1955	Mar.	43,470	33,300	563	.140	.030	.173	.127	.241	.288
1955	Apr.	89,840	40,770	334	.159	.036	.152	.189	.205	.259
1955	May	205,900	55,520	198	.177	.041	.126	.274	.162	.220
1955	June	216,700	68,100	231	.198	.038	.110	.255	.138	.261
1955	July	99,610	54,740	404	.181	.033	.130	.172	.170	.314
1955	Aug.	85,830	55,480	475	.182	.031	.127	.153	.168	.339
1955	Sept.	67,440	38,880	424	.156	.033	.157	.161	.213	.281
1955	Oct.	60,670	37,780	458	.153	.031	.163	.155	.224	.275
1955	Nov.	54,610	36,140	487	.152	.031	.163	.148	.226	.281
1955	Dec.	55,260	32,390	431	.143	.032	.172	.156	.244	.253
1956	Jan.	51,540	30,130	430	.138	.032	.177	.153	.254	.246
1956	Feb.	48,230	25,970	396	.133	.032	.182	.158	.264	.230
1956	Mar.	68,600	40,340	432	.159	.032	.157	.162	.212	.278
1956	Apr.	119,900	49,350	303	.175	.035	.141	.207	.178	.264
1956	May	421,700	100,600	175	.221	.037	.094	.297	.100	.251
1956	June	329,500	75,610	169	.203	.038	.108	.297	.121	.233
1956	July	104,400	54,490	384	.180	.033	.138	.183	.174	.292
1956	Aug.	82,360	48,720	435	.172	.032	.145	.167	.189	.296
1956	Sept.	72,830	37,430	378	.155	.033	.161	.175	.217	.258
1956	Oct.	66,260	36,870	409	.151	.032	.166	.163	.227	.261
1956	Nov.	49,600	35,840	531	.149	.030	.165	.139	.230	.288
1956	Dec.	40,680	31,960	578	.138	.029	.175	.128	.252	.278
1957	Jan.	46,040	32,100	513	.139	.030	.175	.138	.250	.268
1957	Feb.	43,820	28,540	479	.139	.030	.176	.144	.252	.259
1957	Mar.	50,720	32,830	476	.142	.031	.174	.146	.246	.262
1957	Apr.	92,050	45,600	364	.170	.033	.148	.182	.192	.276
1957	May	350,000	100,700	212	.223	.035	.098	.268	.104	.272
1957	June	834,000	156,400	138	.247	.035	.071	.335	.066	.246
1957	July	570,600	120,100	155	.230	.036	.086	.315	.086	.247
1957	Aug.	176,500	62,040	259	.189	.035	.129	.231	.154	.262
1957	Sept.	88,370	47,090	392	.171	.032	.147	.177	.190	.283
1957	Oct.	75,270	44,940	439	.157	.032	.165	.169	.212	.265
1957	Nov.	71,680	41,560	426	.157	.031	.165	.169	.215	.264
1957	Dec.	63,120	36,320	423	.150	.031	.169	.161	.232	.258
1958	Jan.	62,100	33,480	397	.149	.030	.169	.162	.236	.255
1958	Feb.	57,730	30,020	382	.150	.030	.167	.164	.234	.254
1958	Mar.	72,520	38,210	387	.155	.031	.164	.170	.220	.259
1958	Apr.	102,200	42,430	305	.169	.033	.150	.196	.194	.259
1958	May	546,000	106,400	143	.223	.036	.092	.315	.092	.242
1958	June	439,300	83,060	139	.217	.035	.098	.305	.103	.242
1958	July	104,200	49,260	348	.169	.033	.152	.191	.191	.264

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 5. 09071100 Colorado River near Glenwood Springs, Colo., water years 1942 through 1983--Continued										
1958	Aug.	66,870	38,070	419	0.152	0.031	0.167	0.164	0.226	0.260
1958	Sept.	62,360	34,880	411	.151	.031	.168	.163	.230	.258
1958	Oct.	58,390	35,320	445	.142	.030	.178	.155	.242	.253
1958	Nov.	54,060	35,270	480	.140	.030	.179	.150	.243	.258
1958	Dec.	54,240	34,340	466	.139	.030	.181	.150	.248	.253
1959	Jan.	62,500	32,880	387	.145	.031	.177	.165	.239	.243
1959	Feb.	54,460	28,300	382	.144	.030	.179	.165	.243	.239
1959	Mar.	49,310	29,860	445	.136	.030	.186	.149	.258	.241
1959	Apr.	80,580	40,850	373	.157	.032	.163	.178	.213	.258
1959	May	252,200	65,180	190	.200	.035	.118	.265	.138	.245
1959	June	341,700	76,840	165	.211	.035	.105	.288	.118	.244
1959	July	126,300	57,520	335	.173	.033	.144	.198	.180	.272
1959	Aug.	89,400	50,600	416	.159	.032	.157	.174	.203	.275
1959	Sept.	73,040	41,070	413	.153	.031	.166	.169	.219	.263
1959	Oct.	84,120	45,230	395	.158	.032	.160	.175	.209	.266
1959	Nov.	68,560	37,510	402	.152	.031	.168	.169	.225	.255
1959	Dec.	58,750	30,140	377	.146	.030	.179	.167	.247	.231
1960	Jan.	67,220	32,240	353	.151	.031	.173	.176	.236	.232
1960	Feb.	55,450	27,930	370	.146	.030	.179	.168	.247	.230
1960	Mar.	92,560	41,970	333	.165	.032	.156	.191	.204	.253
1960	Apr.	166,100	52,280	232	.189	.034	.131	.239	.163	.244
1960	May	288,100	71,070	181	.208	.034	.108	.277	.129	.243
1960	June	356,700	82,360	170	.217	.035	.098	.291	.114	.246
1960	July	122,500	56,480	339	.173	.033	.143	.197	.180	.274
1960	Aug.	72,860	42,240	426	.153	.031	.165	.166	.219	.266
1960	Sept.	66,730	38,840	428	.150	.031	.168	.164	.225	.261
1960	Oct.	61,390	37,290	447	.145	.030	.173	.154	.235	.263
1960	Nov.	55,720	33,480	442	.143	.030	.176	.153	.242	.256
1960	Dec.	60,510	32,250	392	.146	.030	.176	.163	.245	.240
1961	Jan.	64,830	34,160	387	.149	.030	.172	.166	.237	.245
1961	Feb.	56,330	29,150	381	.148	.030	.175	.167	.243	.237
1961	Mar.	54,450	30,880	417	.141	.030	.180	.156	.253	.241
1961	Apr.	66,250	33,800	375	.152	.031	.170	.171	.233	.244
1961	May	207,100	55,830	198	.201	.033	.122	.266	.154	.224
1961	June	203,200	56,240	204	.200	.034	.122	.263	.153	.228
1961	July	82,450	47,020	419	.157	.031	.158	.167	.206	.280
1961	Aug.	79,720	46,350	428	.155	.031	.160	.165	.209	.280
1961	Sept.	108,800	53,380	361	.171	.032	.145	.188	.183	.281
1961	Oct.	128,100	54,060	310	.179	.032	.142	.206	.184	.256
1961	Nov.	80,590	40,100	366	.162	.031	.159	.179	.215	.254

1961	Dec.	77,420	39,690	377	.158	.030	.163	.175	.221	.252
1962	Jan.	79,740	40,350	372	.160	.031	.161	.177	.219	.252
1962	Feb.	90,590	41,530	337	.170	.032	.152	.194	.203	.251
1962	Mar.	122,100	47,490	286	.178	.033	.144	.210	.190	.246
1962	Apr.	346,600	102,600	218	.220	.034	.100	.270	.119	.257
1962	May	539,400	123,500	168	.234	.035	.086	.309	.100	.235
1962	June	454,700	102,900	166	.229	.036	.092	.307	.108	.228
1962	July	288,000	83,380	213	.210	.034	.111	.264	.135	.245
1962	Aug.	110,300	53,330	356	.172	.031	.147	.190	.193	.266
1962	Sept.	74,060	42,160	419	.157	.030	.162	.167	.218	.266
1962	Oct.	127,000	54,750	317	.167	.033	.148	.197	.194	.261
1962	Nov.	102,400	49,100	353	.164	.031	.154	.185	.206	.260
1962	Dec.	72,220	41,210	420	.157	.030	.163	.170	.223	.257
1963	Jan.	55,390	35,590	472	.151	.029	.169	.160	.236	.254
1963	Feb.	52,870	33,070	460	.153	.030	.167	.163	.232	.255
1963	Mar.	61,710	35,250	420	.155	.031	.164	.169	.226	.255
1963	Apr.	80,570	38,240	349	.161	.034	.153	.189	.207	.256
1963	May	175,100	54,790	230	.174	.040	.130	.235	.167	.255
1963	June	121,900	55,160	333	.167	.031	.151	.191	.199	.262
1963	July	66,050	44,020	490	.152	.026	.173	.152	.239	.258
1963	Aug.	77,320	44,470	423	.157	.029	.164	.167	.224	.259
1963	Sept.	76,010	41,840	405	.158	.030	.161	.172	.220	.258
1963	Oct.	62,680	38,690	454	.150	.029	.170	.159	.238	.255
1963	Nov.	54,300	35,690	483	.146	.028	.174	.152	.247	.253
1963	Dec.	38,240	31,030	597	.135	.027	.185	.137	.271	.245
1964	Jan.	35,970	29,760	608	.134	.027	.186	.135	.273	.244
1964	Feb.	33,140	27,530	611	.134	.028	.186	.135	.274	.243
1964	Mar.	39,490	28,650	534	.138	.028	.181	.142	.264	.246
1964	Apr.	64,120	37,690	432	.153	.030	.166	.164	.231	.256
1964	May	209,500	63,100	222	.189	.037	.116	.249	.147	.262
1964	June	215,200	64,610	221	.191	.039	.113	.253	.140	.264
1964	July	99,220	59,450	441	.157	.026	.168	.160	.230	.259
1964	Aug.	87,430	51,970	437	.157	.027	.165	.164	.226	.260
1964	Sept.	72,120	42,890	437	.155	.029	.165	.164	.229	.258
1964	Oct.	64,900	40,200	456	.142	.029	.180	.154	.247	.247
1964	Nov.	49,550	34,240	508	.135	.029	.188	.143	.264	.242
1964	Dec.	50,540	34,370	500	.137	.031	.181	.152	.257	.243
1965	Jan.	51,460	34,540	494	.138	.032	.178	.155	.254	.244
1965	Feb.	43,720	30,100	506	.136	.032	.180	.152	.258	.242
1965	Mar.	48,980	33,510	503	.134	.029	.188	.143	.265	.242
1965	Apr.	103,800	50,100	355	.159	.032	.159	.185	.209	.257
1965	May	262,700	76,140	213	.187	.039	.115	.257	.141	.260
1965	June	446,400	107,600	177	.201	.038	.101	.284	.116	.261
1965	July	271,300	81,630	221	.187	.038	.118	.252	.143	.262
1965	Aug.	172,000	67,820	290	.172	.034	.143	.211	.179	.261
1965	Sept.	95,370	48,580	375	.156	.032	.163	.179	.215	.256
1965	Oct.	95,310	45,530	351	.157	.039	.149	.195	.197	.263
1965	Nov.	85,470	43,140	371	.156	.039	.150	.188	.199	.267
1965	Dec.	87,790	42,180	353	.151	.039	.155	.189	.210	.257
1966	Jan.	77,890	37,900	358	.142	.038	.164	.180	.228	.248
1966	Feb.	70,120	32,670	343	.137	.038	.168	.180	.239	.238
1966	Mar.	90,860	40,280	326	.146	.039	.159	.192	.220	.245
1966	Apr.	83,900	38,980	342	.147	.039	.159	.188	.218	.250
1966	May	185,700	54,030	214	.165	.041	.135	.254	.180	.225

Table 7.---Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 5. 09071100 Colorado River near Glenwood Springs, Colo., water years 1942 through 1983--Continued										
1966	June	109,500	48,320	325	0.165	0.040	0.141	0.206	0.183	0.265
1966	July	88,520	44,790	372	.157	.039	.150	.188	.198	.268
1966	Aug.	76,560	34,560	332	.137	.037	.167	.177	.243	.240
1966	Sept.	68,390	35,650	383	.140	.038	.166	.173	.231	.252
1966	Oct.	72,070	41,700	426	.149	.034	.164	.167	.226	.260
1966	Nov.	54,510	34,670	468	.139	.031	.175	.152	.247	.256
1966	Dec.	43,870	32,500	545	.132	.026	.186	.133	.269	.254
1967	Jan.	49,410	31,730	472	.131	.031	.181	.147	.258	.251
1967	Feb.	45,070	27,930	456	.129	.032	.181	.151	.257	.249
1967	Mar.	67,390	38,680	422	.144	.034	.167	.165	.232	.258
1967	Apr.	96,360	42,020	321	.149	.045	.150	.202	.200	.253
1967	May	184,900	54,690	218	.159	.060	.123	.259	.157	.242
1967	June	249,600	68,880	203	.172	.064	.108	.281	.132	.243
1967	July	138,600	61,710	327	.174	.042	.135	.208	.176	.265
1967	Aug.	89,930	49,060	401	.160	.035	.154	.178	.208	.265
1967	Sept.	82,750	47,230	420	.160	.033	.156	.171	.213	.267
1967	Oct.	77,520	46,130	438	.149	.034	.161	.164	.225	.268
1967	Nov.	69,160	37,940	403	.145	.036	.163	.172	.226	.256
1967	Dec.	59,450	33,640	416	.138	.036	.171	.166	.239	.250
1968	Jan.	52,460	30,290	425	.133	.036	.177	.162	.247	.245
1968	Feb.	53,350	28,230	389	.136	.039	.172	.173	.238	.242
1968	Mar.	61,760	33,220	396	.139	.038	.169	.173	.234	.247
1968	Apr.	95,310	42,540	328	.156	.041	.148	.202	.200	.253
1968	May	171,100	53,460	230	.171	.050	.122	.258	.159	.240
1968	June	368,700	81,950	163	.193	.056	.089	.319	.112	.230
1968	July	133,000	60,160	333	.168	.039	.136	.203	.185	.268
1968	Aug.	124,900	57,350	338	.166	.039	.139	.200	.189	.267
1968	Sept.	79,440	41,410	383	.150	.037	.157	.180	.217	.259
1968	Oct.	77,260	39,870	379	.148	.037	.161	.178	.223	.254
1968	Nov.	67,470	35,290	385	.144	.036	.165	.174	.230	.250
1968	Dec.	65,180	36,350	410	.141	.035	.168	.166	.237	.252
1969	Jan.	65,770	34,500	386	.141	.036	.168	.173	.235	.247
1969	Feb.	55,580	30,100	398	.138	.036	.171	.168	.241	.246
1969	Mar.	63,230	34,100	397	.140	.036	.169	.169	.238	.248
1969	Apr.	130,800	48,350	272	.166	.043	.137	.227	.179	.248
1969	May	283,000	68,050	177	.188	.050	.105	.304	.124	.229
1969	June	260,000	72,560	205	.192	.047	.107	.280	.129	.245
1969	July	173,700	61,070	259	.177	.043	.126	.239	.162	.253
1969	Aug.	92,930	45,160	357	.155	.038	.153	.188	.208	.258
1969	Sept.	78,440	40,540	380	.150	.037	.159	.179	.220	.257

1969	Oct.	94,460	49,420	385	.156	.037	.148	.176	.212	.272
1969	Nov.	78,760	39,390	368	.152	.036	.158	.180	.222	.251
1969	Dec.	70,920	35,410	367	.148	.035	.167	.178	.233	.240
1970	Jan.	62,240	31,750	375	.143	.034	.173	.173	.244	.232
1970	Feb.	64,780	31,860	362	.148	.035	.167	.180	.231	.238
1970	Mar.	72,150	34,260	349	.149	.035	.168	.185	.230	.233
1970	Apr.	95,350	38,860	300	.161	.037	.156	.210	.203	.234
1970	May	488,000	95,110	143	.210	.041	.092	.348	.094	.215
1970	June	471,200	95,490	149	.210	.041	.092	.343	.093	.219
1970	July	194,300	64,810	245	.183	.040	.125	.247	.155	.251
1970	Aug.	109,200	47,460	319	.163	.038	.148	.203	.197	.252
1970	Sept.	101,500	46,330	336	.161	.037	.148	.195	.201	.257
1970	Oct.	107,500	47,570	325	.161	.035	.155	.197	.198	.254
1970	Nov.	92,450	43,540	346	.157	.034	.158	.187	.209	.254
1970	Dec.	68,590	32,840	352	.141	.032	.178	.177	.243	.228
1971	Jan.	71,640	33,830	347	.143	.032	.176	.180	.239	.230
1971	Feb.	71,530	33,420	344	.148	.033	.171	.184	.228	.236
1971	Mar.	104,700	45,580	320	.160	.035	.156	.198	.200	.251
1971	Apr.	174,100	52,710	223	.175	.037	.142	.260	.156	.230
1971	May	348,000	74,610	158	.193	.040	.117	.329	.108	.214
1971	June	518,600	96,230	136	.205	.041	.099	.360	.083	.213
1971	July	271,100	80,640	219	.192	.039	.118	.265	.125	.260
1971	Aug.	121,100	51,790	314	.166	.036	.149	.204	.187	.258
1971	Sept.	109,300	50,920	343	.165	.035	.148	.192	.192	.268
1971	Oct.	90,360	43,680	355	.155	.033	.162	.181	.215	.254
1971	Nov.	85,850	38,920	333	.155	.032	.167	.190	.218	.237
1971	Dec.	71,860	37,510	384	.147	.031	.172	.170	.239	.240
1972	Jan.	67,340	33,810	369	.146	.030	.179	.175	.247	.223
1972	Feb.	62,290	29,390	347	.146	.030	.166	.183	.249	.209
1972	Mar.	94,270	40,560	316	.158	.033	.166	.198	.213	.232
1972	Apr.	116,100	39,140	248	.167	.034	.164	.236	.192	.208
1972	May	254,500	58,610	169	.188	.038	.132	.301	.132	.209
1972	June	355,000	74,600	155	.197	.040	.115	.315	.108	.224
1972	July	128,300	48,980	281	.168	.035	.153	.216	.185	.244
1972	Aug.	96,750	40,650	309	.159	.033	.166	.201	.210	.231
1972	Sept.	96,070	42,030	322	.159	.033	.162	.196	.207	.243
1972	Oct.	91,960	40,160	321	.160	.033	.160	.195	.199	.253
1972	Nov.	87,870	36,370	304	.163	.033	.159	.203	.194	.249
1972	Dec.	74,050	35,490	353	.153	.032	.167	.182	.217	.249
1973	Jan.	67,850	31,720	344	.154	.032	.169	.186	.216	.244
1973	Feb.	59,950	26,550	326	.156	.032	.168	.193	.211	.240
1973	Mar.	73,520	32,020	320	.158	.032	.165	.196	.205	.243
1973	Apr.	86,270	38,810	331	.158	.033	.161	.191	.204	.254
1973	May	352,100	72,930	152	.204	.040	.109	.300	.105	.242
1973	June	447,900	84,330	138	.211	.041	.100	.317	.090	.242
1973	July	314,800	73,230	171	.200	.040	.114	.284	.113	.249
1973	Aug.	137,800	49,510	264	.174	.036	.145	.222	.168	.255
1973	Sept.	89,150	38,180	315	.161	.033	.159	.198	.197	.251
1973	Oct.	97,020	40,690	308	.163	.034	.158	.202	.192	.250
1973	Nov.	89,560	38,160	313	.162	.034	.160	.200	.195	.249
1973	Dec.	69,240	35,650	379	.148	.032	.173	.173	.229	.246
1974	Jan.	67,590	35,340	385	.147	.031	.174	.171	.232	.245
1974	Feb.	62,650	32,750	384	.147	.031	.173	.172	.230	.246
1974	Mar.	93,130	41,750	330	.159	.034	.161	.192	.202	.251

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 5. 09071100 Colorado River near Glenwood Springs, Colo., water years 1942 through 1983--Continued										
1974	Apr.	122,600	46,040	276	0.169	0.036	0.149	0.214	0.179	0.253
1974	May	485,900	87,450	132	.212	.043	.093	.328	.083	.241
1974	June	427,500	85,290	147	.208	.042	.099	.311	.092	.247
1974	July	199,400	69,180	255	.178	.037	.136	.227	.157	.264
1974	Aug.	113,400	50,300	326	.161	.034	.157	.193	.197	.258
1974	Sept.	97,130	43,460	329	.159	.034	.160	.193	.200	.254
1974	Oct.	90,640	44,850	364	.153	.032	.165	.177	.215	.258
1974	Nov.	77,600	41,030	389	.148	.031	.170	.168	.227	.255
1974	Dec.	63,610	36,180	418	.142	.030	.177	.158	.243	.250
1975	Jan.	63,920	34,940	402	.144	.030	.175	.163	.236	.251
1975	Feb.	61,890	33,410	397	.145	.030	.174	.165	.233	.252
1975	Mar.	74,090	39,590	393	.147	.031	.172	.167	.230	.254
1975	Apr.	100,100	44,180	325	.158	.034	.158	.191	.200	.259
1975	May	212,600	59,370	205	.183	.040	.123	.257	.135	.262
1975	June	373,200	82,180	162	.197	.044	.102	.295	.101	.261
1975	July	272,800	74,280	200	.187	.041	.118	.262	.127	.265
1975	Aug.	121,200	51,140	310	.163	.035	.152	.199	.189	.263
1975	Sept.	84,350	40,130	350	.154	.033	.164	.182	.210	.257
1975	Oct.	77,700	38,710	366	.150	.031	.170	.170	.228	.251
1975	Nov.	72,470	35,600	361	.149	.031	.172	.169	.231	.248
1975	Dec.	63,400	34,950	405	.143	.029	.179	.156	.248	.245
1976	Jan.	62,160	33,840	400	.142	.029	.180	.156	.249	.243
1976	Feb.	65,080	34,020	384	.146	.030	.175	.163	.238	.248
1976	Mar.	83,910	38,700	339	.153	.032	.168	.178	.220	.250
1976	Apr.	98,210	43,200	323	.158	.033	.158	.189	.204	.258
1976	May	226,900	58,320	189	.182	.040	.124	.260	.137	.256
1976	June	235,300	60,010	188	.184	.041	.121	.264	.133	.258
1976	July	115,900	51,930	330	.161	.034	.150	.192	.195	.268
1976	Aug.	92,400	41,730	332	.156	.032	.163	.183	.212	.254
1976	Sept.	84,960	37,560	325	.155	.032	.166	.182	.215	.250
1976	Oct.	74,880	34,460	338	.150	.032	.172	.176	.226	.244
1976	Nov.	60,630	29,830	362	.144	.031	.179	.166	.243	.237
1976	Dec.	52,400	28,100	394	.138	.029	.185	.156	.260	.232
1977	Jan.	50,610	28,190	410	.137	.029	.186	.152	.262	.233
1977	Feb.	43,850	25,800	433	.136	.029	.186	.148	.265	.236
1977	Mar.	44,260	28,900	480	.133	.028	.188	.140	.271	.240
1977	Apr.	72,520	33,250	337	.150	.032	.172	.176	.227	.244
1977	May	95,500	38,560	297	.158	.034	.163	.192	.207	.248
1977	June	97,720	38,620	291	.159	.034	.161	.194	.203	.250
1977	July	81,980	37,710	338	.153	.032	.167	.179	.217	.252

1977 Aug.	83,470	36,670	323	.154	.033	.167	.183	.216	.247
1977 Sept.	76,420	34,860	335	.152	.032	.169	.178	.221	.247
1977 Oct.	62,120	34,610	410	.143	.031	.175	.159	.238	.253
1977 Nov.	46,080	30,200	482	.133	.029	.184	.143	.263	.247
1977 Dec.	49,110	30,330	454	.135	.029	.184	.147	.260	.244
1978 Jan.	50,850	30,640	443	.137	.030	.183	.150	.257	.244
1978 Feb.	48,490	27,990	425	.139	.030	.181	.154	.251	.245
1978 Mar.	56,970	32,290	417	.141	.030	.179	.157	.246	.248
1978 Apr.	102,000	41,830	302	.163	.035	.156	.193	.191	.261
1978 May	264,800	63,890	177	.193	.042	.121	.255	.125	.264
1978 June	470,100	85,740	134	.209	.045	.099	.293	.090	.264
1978 July	211,900	63,850	222	.185	.040	.129	.233	.138	.274
1978 Aug.	100,000	44,820	330	.160	.035	.157	.186	.195	.267
1978 Sept.	88,720	39,800	330	.158	.034	.161	.184	.202	.260
1978 Oct.	86,390	42,280	360	.150	.032	.167	.176	.211	.264
1978 Nov.	84,090	39,680	347	.151	.033	.166	.179	.209	.262
1978 Dec.	61,160	34,200	411	.139	.030	.180	.157	.240	.254
1979 Jan.	57,430	31,620	405	.139	.030	.181	.157	.242	.251
1979 Feb.	54,440	29,670	401	.140	.031	.180	.159	.239	.252
1979 Mar.	66,040	36,730	409	.141	.030	.178	.160	.234	.258
1979 Apr.	98,740	45,090	336	.154	.033	.161	.184	.201	.267
1979 May	319,300	72,240	166	.192	.041	.114	.270	.119	.264
1979 June	462,500	87,720	139	.204	.043	.098	.299	.093	.262
1979 July	288,500	73,750	188	.189	.040	.118	.259	.123	.270
1979 Aug.	118,600	52,100	323	.159	.034	.156	.192	.188	.272
1979 Sept.	90,120	42,370	346	.153	.033	.164	.181	.205	.265
1979 Oct.	93,860	45,240	354	.152	.032	.166	.177	.213	.260
1979 Nov.	77,560	40,870	388	.146	.030	.173	.166	.227	.257
1979 Dec.	70,660	38,520	401	.142	.030	.178	.160	.239	.252
1980 Jan.	73,210	40,670	409	.143	.030	.177	.160	.235	.255
1980 Feb.	67,340	35,140	384	.144	.030	.177	.163	.236	.250
1980 Mar.	71,980	38,370	392	.143	.030	.177	.162	.236	.252
1980 Apr.	104,300	42,960	303	.158	.033	.160	.191	.201	.257
1980 May	369,600	82,320	164	.197	.041	.109	.277	.112	.265
1980 June	462,100	81,630	130	.205	.043	.098	.304	.096	.254
1980 July	173,000	58,940	251	.172	.036	.142	.217	.166	.268
1980 Aug.	103,200	45,110	321	.157	.033	.162	.186	.204	.259
1980 Sept.	81,960	39,790	357	.150	.031	.170	.173	.221	.255
1980 Oct.	69,030	36,800	392	.145	.030	.178	.160	.239	.248
1980 Nov.	66,120	37,580	418	.143	.030	.179	.155	.243	.251
1980 Dec.	63,750	35,610	411	.142	.029	.181	.154	.248	.246
1981 Jan.	48,440	30,710	466	.132	.027	.191	.137	.276	.237
1981 Feb.	36,970	25,250	502	.126	.026	.197	.127	.293	.231
1981 Mar.	42,900	28,090	481	.128	.026	.195	.132	.286	.232
1981 Apr.	68,350	32,180	346	.148	.030	.177	.167	.237	.241
1981 May	117,200	41,200	258	.168	.035	.155	.209	.186	.248
1981 June	163,100	49,480	223	.176	.037	.141	.230	.163	.253
1981 July	91,350	48,760	393	.150	.031	.168	.167	.220	.264
1981 Aug.	83,760	36,270	318	.156	.032	.169	.181	.216	.245
1981 Sept.	76,010	34,760	336	.153	.032	.172	.175	.223	.246
1981 Oct.	62,930	33,400	390	.143	.030	.180	.158	.249	.239
1981 Nov.	50,870	29,160	422	.135	.028	.187	.147	.269	.234
1981 Dec.	44,800	27,590	453	.129	.027	.193	.137	.287	.228
1982 Jan.	49,340	28,830	430	.133	.028	.189	.144	.275	.231

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 5. 09071100 Colorado River near Glenwood Springs, Colo., water years 1942 through 1983--Continued											
1982	Feb.	45,500	26,600	430	0.134	0.028	0.189	0.144	0.274	0.232	
1982	Mar.	56,490	32,120	418	.138	.029	.184	.150	.262	.237	
1982	Apr.	78,140	34,990	329	.153	.032	.170	.179	.225	.241	
1982	May	233,400	59,660	188	.193	.039	.124	.266	.132	.247	
1982	June	379,900	77,980	151	.209	.041	.102	.307	.097	.244	
1982	July	223,000	63,590	210	.190	.038	.127	.253	.138	.254	
1982	Aug.	130,700	48,740	274	.172	.035	.150	.212	.179	.253	
1982	Sept.	97,970	40,870	307	.163	.033	.161	.193	.201	.249	
1982	Oct.	100,200	41,760	307	.163	.034	.159	.193	.202	.249	
1982	Nov.	76,040	33,430	323	.153	.032	.168	.182	.224	.241	
1982	Dec.	62,030	31,870	378	.143	.030	.178	.160	.251	.238	
1983	Jan.	63,300	30,960	360	.144	.030	.177	.166	.247	.236	
1983	Feb.	58,390	28,820	363	.145	.030	.176	.165	.245	.238	
1983	Mar.	67,000	33,120	364	.147	.031	.175	.166	.242	.240	
1983	Apr.	85,230	37,640	325	.157	.033	.164	.183	.216	.247	
1983	May	283,400	72,460	188	.198	.040	.116	.274	.120	.253	
1983	June	734,400	124,700	125	.223	.044	.079	.348	.065	.241	
1983	July	538,500	103,500	141	.215	.043	.090	.327	.080	.245	
1983	Aug.	219,000	62,580	210	.191	.039	.126	.256	.135	.253	
1983	Sept.	112,100	43,880	288	.168	.035	.153	.203	.190	.252	
Site 6. 09085000 Roaring Fork River, at Glenwood Springs, Colo., water years 1959 through 1983.											
1958	Oct.	32,550	17,800	402	.215	.040	.078	.229	.084	.355	
1958	Nov.	30,770	17,030	407	.214	.040	.078	.227	.085	.355	
1958	Dec.	27,100	16,330	443	.210	.040	.080	.220	.090	.360	
1959	Jan.	23,290	15,220	480	.206	.041	.083	.213	.094	.363	
1959	Feb.	19,070	13,130	506	.204	.041	.085	.208	.098	.366	
1959	Mar.	19,980	14,170	522	.202	.041	.085	.206	.099	.367	
1959	Apr.	33,750	17,680	385	.217	.040	.077	.232	.082	.353	
1959	May	107,100	30,570	210	.243	.037	.060	.287	.055	.318	
1959	June	293,200	48,420	121	.262	.034	.046	.341	.036	.281	
1959	July	76,670	25,730	247	.235	.038	.065	.270	.063	.329	
1959	Aug.	42,470	20,070	347	.222	.040	.073	.241	.077	.347	
1959	Sept.	30,040	16,730	409	.214	.040	.078	.226	.086	.356	
1959	Oct.	47,210	21,170	330	.224	.039	.072	.247	.074	.344	
1959	Nov.	32,640	17,470	394	.216	.040	.077	.230	.083	.354	
1959	Dec.	24,580	15,600	467	.208	.040	.082	.215	.093	.362	

1960 Jan.	22,220	14,880	492	.205	.041	.084	.211	.096	.364
1960 Feb.	18,660	13,250	522	.202	.041	.085	.206	.099	.367
1960 Mar.	27,470	16,260	435	.210	.040	.080	.220	.090	.359
1960 Apr.	61,100	23,120	278	.231	.039	.067	.261	.067	.335
1960 May	121,900	31,930	193	.245	.037	.058	.294	.053	.313
1960 June	267,400	46,470	128	.261	.034	.047	.336	.037	.284
1960 July	87,550	27,710	233	.238	.038	.063	.277	.059	.325
1960 Aug.	34,810	18,240	385	.217	.040	.077	.232	.082	.353
1960 Sept.	26,850	15,980	438	.211	.040	.080	.221	.089	.359
1960 Oct.	30,430	16,960	410	.216	.039	.077	.225	.084	.359
1960 Nov.	27,640	15,910	423	.215	.039	.078	.222	.085	.361
1960 Dec.	24,220	15,090	458	.210	.039	.081	.214	.091	.366
1961 Jan.	21,530	14,210	485	.207	.039	.083	.208	.094	.369
1961 Feb.	17,400	12,130	513	.204	.039	.084	.203	.098	.373
1961 Mar.	20,520	13,860	497	.206	.039	.083	.206	.096	.371
1961 Apr.	24,100	14,760	451	.211	.039	.080	.215	.090	.365
1961 May	129,400	34,030	193	.248	.038	.057	.303	.050	.305
1961 June	191,000	42,520	164	.256	.037	.051	.326	.041	.288
1961 July	50,560	21,550	313	.228	.039	.070	.252	.070	.341
1961 Aug.	31,210	17,150	404	.217	.039	.077	.227	.083	.358
1961 Sept.	62,180	23,850	282	.234	.039	.066	.264	.064	.333
1961 Oct.	60,780	24,030	291	.234	.039	.067	.258	.065	.338
1961 Nov.	37,350	18,270	360	.226	.037	.072	.237	.074	.354
1961 Dec.	28,290	16,000	416	.221	.036	.076	.223	.080	.364
1962 Jan.	25,860	15,260	434	.219	.036	.077	.219	.082	.367
1962 Feb.	25,010	14,250	419	.220	.036	.076	.222	.081	.364
1962 Mar.	23,700	14,570	452	.218	.036	.078	.215	.084	.369
1962 Apr.	105,500	30,020	209	.241	.040	.060	.287	.055	.316
1962 May	204,700	45,440	163	.250	.041	.053	.321	.046	.289
1962 June	321,200	60,190	138	.256	.040	.049	.348	.042	.264
1962 July	205,600	48,580	174	.252	.039	.055	.323	.050	.281
1962 Aug.	63,420	28,880	335	.239	.035	.070	.266	.074	.316
1962 Sept.	34,860	21,060	444	.230	.034	.077	.239	.087	.334
1962 Oct.	40,230	22,870	418	.222	.039	.080	.239	.092	.328
1962 Nov.	31,350	18,490	434	.225	.036	.076	.230	.087	.347
1962 Dec.	25,450	15,550	449	.228	.034	.072	.219	.081	.367
1963 Jan.	25,130	15,200	445	.229	.033	.071	.218	.079	.370
1963 Feb.	20,950	12,090	425	.237	.031	.064	.215	.068	.385
1963 Mar.	24,330	13,380	404	.241	.030	.061	.217	.064	.387
1963 Apr.	32,360	13,800	314	.260	.028	.049	.232	.045	.386
1963 May	124,300	27,880	165	.291	.028	.035	.299	.025	.322
1963 June	112,200	31,690	208	.272	.034	.047	.298	.038	.312
1963 July	44,220	20,850	347	.241	.035	.065	.247	.067	.345
1963 Aug.	40,480	20,720	376	.235	.036	.069	.242	.074	.344
1963 Sept.	33,200	18,270	405	.230	.035	.072	.233	.080	.349
1963 Oct.	22,500	14,940	488	.220	.035	.075	.210	.098	.363
1963 Nov.	26,090	15,540	438	.226	.035	.070	.218	.086	.364
1963 Dec.	20,760	12,920	458	.223	.036	.070	.210	.083	.379
1964 Jan.	19,690	12,110	452	.223	.037	.068	.208	.079	.384
1964 Feb.	15,670	9,282	436	.223	.039	.064	.204	.067	.402
1964 Mar.	16,760	9,828	431	.223	.039	.064	.204	.066	.404
1964 Apr.	25,790	12,530	357	.232	.039	.059	.221	.058	.390
1964 May	151,900	32,390	157	.265	.038	.041	.293	.030	.333
1964 June	210,600	42,250	148	.270	.038	.039	.303	.027	.324

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 6. 09085000 Roaring Fork River, at Glenwood Springs, Colo., water years 1959 through 1983--Continued											
1964	July	113,100	33,270	216	0.257	0.037	0.050	0.277	0.045	0.335	
1964	Aug.	55,690	25,570	338	.240	.034	.064	.246	.074	.342	
1964	Sept.	30,390	18,020	436	.226	.034	.072	.223	.092	.353	
1964	Oct.	27,160	16,640	450	.205	.038	.081	.207	.113	.355	
1964	Nov.	29,090	16,430	415	.212	.039	.075	.217	.097	.360	
1964	Dec.	24,900	14,410	426	.211	.041	.072	.215	.092	.368	
1965	Jan.	22,440	12,660	415	.214	.043	.066	.219	.079	.378	
1965	Feb.	18,270	10,440	420	.214	.044	.065	.218	.076	.384	
1965	Mar.	20,470	11,410	410	.215	.045	.063	.220	.072	.385	
1965	Apr.	48,560	19,780	300	.233	.041	.060	.249	.063	.354	
1965	May	154,700	39,630	188	.261	.039	.043	.301	.033	.322	
1965	June	345,500	65,510	139	.277	.036	.037	.333	.024	.293	
1965	July	307,900	63,760	152	.272	.036	.041	.323	.030	.298	
1965	Aug.	96,800	36,920	281	.236	.036	.069	.256	.078	.326	
1965	Sept.	73,170	32,700	329	.226	.035	.077	.239	.097	.327	
1965	Oct.	63,070	27,450	320	.223	.043	.071	.252	.079	.333	
1965	Nov.	39,930	19,990	368	.213	.045	.074	.237	.085	.348	
1965	Dec.	33,170	17,290	383	.209	.047	.071	.233	.082	.358	
1966	Jan.	26,080	14,290	403	.205	.049	.069	.227	.080	.369	
1966	Feb.	21,250	11,630	403	.204	.051	.066	.227	.076	.376	
1966	Mar.	25,230	12,890	376	.207	.052	.061	.234	.069	.377	
1966	Apr.	45,940	17,350	278	.226	.052	.050	.265	.051	.358	
1966	May	146,700	34,230	172	.253	.047	.038	.315	.034	.314	
1966	June	144,000	38,040	194	.251	.044	.046	.304	.044	.311	
1966	July	69,520	28,470	301	.226	.043	.069	.257	.076	.330	
1966	Aug.	36,710	20,860	418	.204	.042	.085	.222	.104	.342	
1966	Sept.	25,300	17,080	496	.192	.042	.095	.204	.121	.346	
1966	Oct.	30,730	19,450	465	.194	.044	.097	.213	.120	.333	
1966	Nov.	28,210	17,450	455	.195	.045	.090	.217	.111	.342	
1966	Dec.	27,580	16,920	451	.196	.046	.087	.218	.106	.347	
1967	Jan.	23,280	13,740	434	.197	.050	.075	.224	.088	.367	
1967	Feb.	18,860	10,620	414	.198	.054	.063	.229	.073	.382	
1967	Mar.	25,560	13,630	392	.202	.052	.065	.235	.075	.371	
1967	Apr.	34,530	14,160	301	.214	.056	.048	.262	.053	.367	
1967	May	116,400	29,870	189	.240	.050	.046	.310	.051	.302	
1967	June	234,200	51,450	162	.252	.047	.044	.333	.049	.274	
1967	July	129,400	39,170	223	.236	.047	.059	.294	.068	.295	
1967	Aug.	43,440	22,830	386	.205	.045	.086	.232	.105	.327	
1967	Sept.	37,690	22,000	429	.199	.043	.096	.221	.119	.323	
1967	Oct.	32,640	17,400	392	.196	.050	.083	.225	.101	.345	

1967	Nov.	29,380	16,150	404	.194	.050	.084	.222	.103	.347
1967	Dec.	26,650	15,470	427	.190	.050	.087	.215	.107	.351
1968	Jan.	23,050	14,230	454	.185	.050	.090	.208	.111	.355
1968	Feb.	18,590	12,220	484	.180	.050	.094	.202	.116	.359
1968	Mar.	20,200	13,180	480	.181	.050	.093	.202	.115	.358
1968	Apr.	27,620	15,570	414	.192	.050	.085	.219	.105	.349
1968	May	104,100	33,040	233	.232	.048	.060	.283	.071	.306
1968	June	311,100	62,780	148	.263	.044	.042	.340	.048	.263
1968	July	104,500	33,680	237	.232	.048	.060	.283	.070	.307
1968	Aug.	82,020	29,260	262	.225	.048	.064	.271	.076	.315
1968	Sept.	35,270	17,930	374	.200	.050	.080	.230	.097	.342
1968	Oct.	35,120	18,570	399	.215	.040	.076	.211	.090	.368
1968	Nov.	32,040	17,390	399	.214	.040	.077	.208	.091	.370
1968	Dec.	26,480	15,820	439	.208	.041	.079	.198	.095	.379
1969	Jan.	22,970	14,600	467	.205	.042	.081	.192	.097	.384
1969	Feb.	19,340	12,670	482	.203	.043	.082	.189	.098	.386
1969	Mar.	20,890	13,820	487	.202	.043	.082	.188	.098	.387
1969	Apr.	59,510	24,130	298	.229	.036	.070	.238	.082	.345
1969	May	184,500	46,450	185	.253	.030	.057	.294	.066	.300
1969	June	186,800	47,160	186	.254	.030	.057	.295	.066	.299
1969	July	142,700	40,730	210	.248	.031	.060	.280	.070	.311
1969	Aug.	50,140	22,630	332	.224	.037	.072	.227	.085	.354
1969	Sept.	42,960	20,520	351	.221	.038	.073	.222	.087	.359
1969	Oct.	61,840	25,740	306	.230	.036	.069	.237	.078	.349
1969	Nov.	37,790	19,270	375	.219	.038	.075	.214	.087	.367
1969	Dec.	32,700	18,050	406	.215	.039	.077	.206	.090	.374
1970	Jan.	26,440	16,030	446	.209	.039	.080	.196	.094	.381
1970	Feb.	22,160	13,890	461	.207	.040	.080	.193	.096	.384
1970	Mar.	30,900	17,450	415	.213	.039	.078	.203	.091	.376
1970	Apr.	44,790	21,070	346	.223	.037	.073	.223	.084	.361
1970	May	221,500	50,900	169	.257	.030	.054	.306	.057	.295
1970	June	283,900	59,370	154	.262	.029	.051	.320	.053	.284
1970	July	149,600	41,490	204	.250	.032	.058	.284	.063	.313
1970	Aug.	52,920	23,570	327	.227	.037	.071	.229	.081	.355
1970	Sept.	76,430	28,260	272	.236	.035	.066	.250	.074	.339
1970	Oct.	53,890	23,750	324	.228	.035	.069	.224	.077	.367
1970	Nov.	42,710	20,560	354	.223	.036	.071	.214	.081	.375
1970	Dec.	42,210	20,720	361	.222	.036	.072	.209	.082	.380
1971	Jan.	39,490	19,940	371	.220	.036	.072	.205	.084	.383
1971	Feb.	33,160	17,310	384	.218	.037	.073	.208	.083	.381
1971	Mar.	38,940	19,720	372	.220	.036	.072	.208	.083	.381
1971	Apr.	83,020	29,430	261	.238	.034	.064	.249	.070	.345
1971	May	116,600	36,320	229	.244	.032	.061	.266	.066	.331
1971	June	279,900	58,250	153	.261	.029	.051	.318	.053	.288
1971	July	152,100	41,870	202	.250	.031	.058	.281	.062	.319
1971	Aug.	50,070	22,730	334	.226	.036	.070	.221	.079	.370
1971	Sept.	49,490	22,260	331	.226	.035	.069	.222	.078	.369
1971	Oct.	46,120	22,660	361	.223	.034	.069	.210	.076	.387
1971	Nov.	42,740	21,540	371	.223	.034	.070	.207	.078	.389
1971	Dec.	41,380	21,610	384	.221	.033	.071	.202	.080	.392
1972	Jan.	35,170	20,090	420	.217	.032	.072	.191	.087	.400
1972	Feb.	31,930	18,550	427	.217	.032	.073	.189	.088	.401
1972	Mar.	38,130	20,840	402	.219	.033	.072	.197	.084	.396
1972	Apr.	44,480	21,870	362	.223	.034	.069	.209	.077	.387

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 6. 09085000 Roaring Fork River, at Glenwood Springs, Colo., water years 1959 through 1983--Continued											
1972	May	109,300	32,020	215	0.236	0.043	0.059	0.273	0.051	0.339	
1972	June	244,300	46,780	141	.243	.051	.049	.339	.030	.288	
1972	July	81,500	28,900	261	.233	.040	.063	.251	.058	.356	
1972	Aug.	38,850	21,010	398	.220	.033	.071	.198	.083	.395	
1972	Sept.	44,600	21,910	361	.223	.034	.069	.209	.076	.387	
1972	Oct.	51,810	24,140	343	.214	.035	.073	.206	.081	.392	
1972	Nov.	45,120	22,280	363	.217	.034	.069	.198	.077	.405	
1972	Dec.	37,250	20,730	409	.224	.033	.059	.183	.069	.431	
1973	Jan.	36,050	20,400	416	.225	.033	.058	.180	.068	.435	
1973	Feb.	31,910	18,270	421	.226	.033	.057	.179	.067	.438	
1973	Mar.	33,530	19,730	433	.227	.032	.055	.175	.066	.444	
1973	Apr.	31,650	18,750	436	.228	.032	.055	.174	.065	.447	
1973	May	153,900	39,130	187	.164	.037	.137	.280	.123	.260	
1973	June	273,500	50,950	137	.135	.036	.177	.312	.145	.195	
1973	July	209,800	45,790	161	.150	.037	.156	.298	.134	.226	
1973	Aug.	70,490	27,840	290	.202	.036	.088	.228	.092	.354	
1973	Sept.	40,470	21,130	384	.221	.034	.064	.191	.073	.418	
1978	Oct.	31,260	17,340	400	.212	.037	.077	.205	.087	.383	
1978	Nov.	34,880	18,100	382	.215	.038	.075	.212	.083	.377	
1978	Dec.	33,530	18,000	395	.213	.037	.076	.208	.085	.380	
1979	Jan.	28,260	16,500	429	.209	.037	.078	.200	.090	.386	
1979	Feb.	29,340	16,020	402	.213	.037	.076	.207	.086	.381	
1979	Mar.	37,260	19,010	375	.216	.038	.075	.214	.082	.376	
1979	Apr.	55,480	22,790	302	.226	.038	.070	.236	.071	.359	
1979	May	172,600	39,840	170	.246	.039	.058	.298	.049	.310	
1979	June	307,200	54,790	131	.256	.039	.051	.333	.038	.283	
1979	July	236,400	47,750	149	.252	.039	.054	.316	.043	.296	
1979	Aug.	72,540	26,720	271	.231	.039	.067	.249	.066	.349	
1979	Sept.	38,060	18,870	365	.217	.038	.074	.216	.081	.374	
1979	Oct.	39,850	19,800	365	.218	.038	.078	.209	.089	.369	
1979	Nov.	42,640	20,210	348	.221	.038	.076	.214	.085	.366	
1979	Dec.	38,060	19,380	374	.217	.038	.078	.206	.090	.370	
1980	Jan.	36,320	18,420	373	.217	.038	.078	.205	.090	.372	
1980	Feb.	32,450	16,420	372	.216	.038	.078	.204	.090	.374	
1980	Mar.	32,360	16,030	364	.216	.038	.078	.203	.088	.376	
1980	Apr.	47,690	18,730	289	.226	.038	.072	.226	.076	.362	
1980	May	130,600	31,470	177	.247	.039	.058	.283	.050	.324	
1980	June	328,600	53,140	119	.260	.038	.048	.336	.034	.284	
1980	July	158,600	39,490	183	.247	.039	.059	.286	.052	.317	
1980	Aug.	52,790	26,520	369	.220	.038	.077	.215	.089	.359	

1980	Sept.	39,250	22,930	430	.213	.038	.081	.200	.100	.367
1980	Oct.	42,160	23,070	402	.216	.038	.081	.203	.096	.366
1980	Nov.	37,640	19,910	389	.218	.038	.080	.201	.094	.369
1980	Dec.	31,620	16,520	384	.218	.038	.079	.194	.094	.377
1981	Jan.	24,870	13,310	333	.217	.038	.078	.184	.097	.385
1981	Feb.	19,860	10,930	405	.216	.038	.078	.179	.100	.389
1981	Mar.	20,860	12,150	428	.213	.038	.080	.175	.104	.390
1981	Apr.	38,520	15,340	293	.229	.039	.073	.210	.080	.370
1981	May	65,650	21,220	238	.237	.039	.069	.239	.066	.350
1981	June	138,100	32,180	171	.248	.039	.062	.285	.048	.319
1981	July	59,320	24,610	305	.228	.039	.075	.227	.077	.355
1981	Aug.	27,040	16,870	459	.210	.038	.083	.182	.108	.380
1981	Sept.	33,560	19,210	421	.214	.038	.082	.194	.100	.373
1981	Oct.	43,430	21,610	366	.220	.038	.078	.208	.090	.366
1981	Nov.	38,630	18,920	360	.221	.038	.077	.207	.089	.368
1981	Dec.	34,820	17,020	359	.220	.038	.077	.203	.089	.372
1982	Jan.	32,230	15,720	359	.220	.038	.077	.202	.090	.374
1982	Feb.	28,110	14,110	369	.218	.038	.077	.199	.092	.375
1982	Mar.	33,350	16,280	359	.220	.038	.077	.202	.090	.373
1982	Apr.	48,110	18,220	278	.231	.039	.070	.231	.072	.357
1982	May	116,700	29,700	187	.247	.039	.060	.286	.048	.320
1982	June	231,800	44,950	143	.255	.039	.053	.330	.035	.288
1982	July	189,200	44,120	172	.250	.039	.058	.308	.043	.302
1982	Aug.	71,850	27,620	283	.232	.039	.071	.240	.071	.346
1982	Sept.	63,450	26,640	309	.229	.039	.074	.231	.076	.351
1982	Oct.	57,880	23,950	304	.228	.039	.069	.234	.072	.358
1982	Nov.	45,470	19,900	322	.225	.039	.071	.224	.076	.365
1982	Dec.	37,310	17,250	340	.222	.038	.072	.214	.081	.373
1983	Jan.	32,290	15,570	355	.220	.038	.073	.207	.084	.378
1983	Feb.	25,910	12,670	360	.218	.038	.074	.203	.085	.382
1983	Mar.	28,110	13,870	363	.218	.038	.074	.202	.086	.382
1983	Apr.	32,450	14,610	331	.222	.038	.072	.212	.080	.375
1983	May	115,400	30,420	194	.245	.040	.059	.286	.048	.322
1983	June	367,400	63,060	126	.258	.041	.047	.358	.028	.269
1983	July	298,000	57,520	142	.255	.041	.050	.340	.032	.282
1983	Aug.	109,600	33,860	227	.240	.040	.062	.273	.054	.330
1983	Sept.	47,920	21,610	332	.224	.039	.071	.224	.078	.364

Site 7. 09093500 Parachute Creek at Parachute, Colo., water years 1975 through 1982.

1974	Oct.	350	456	958	.105	.074	.152	.253	.014	.402
1974	Nov.	577	688	876	.108	.075	.150	.266	.015	.386
1974	Dec.	591	705	878	.108	.075	.150	.265	.015	.387
1975	Jan.	622	733	867	.109	.075	.150	.267	.015	.385
1975	Feb.	483	560	853	.109	.075	.149	.271	.015	.381
1975	Mar.	731	720	724	.114	.076	.146	.299	.015	.350
1975	Apr.	1,643	1,307	585	.121	.076	.141	.330	.015	.317
1975	May	16,140	7,497	342	.135	.074	.124	.418	.015	.235
1975	June	4,620	2,642	421	.129	.076	.130	.387	.015	.263
1975	July	1,090	1,026	692	.116	.076	.145	.303	.015	.345
1975	Aug.	307	411	984	.104	.074	.152	.249	.014	.407
1975	Sept.	123	181	1,080	.100	.074	.153	.237	.014	.421

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 7. 09093500 Parachute Creek at Parachute, Colo., water years 1975 through 1982--Continued										
1975	Oct.	189	252	981	0.103	0.075	0.152	0.252	0.014	0.404
1975	Nov.	484	536	814	.110	.076	.148	.280	.015	.371
1975	Dec.	638	710	819	.110	.075	.149	.277	.015	.374
1976	Jan.	602	605	739	.113	.077	.146	.297	.015	.353
1976	Feb.	974	983	742	.114	.076	.147	.291	.015	.358
1976	Mar.	1,045	998	702	.115	.076	.145	.302	.015	.346
1976	Apr.	2,089	1,423	501	.124	.077	.135	.360	.015	.289
1976	May	5,482	3,331	447	.128	.076	.132	.376	.015	.272
1976	June	1,080	1,042	709	.115	.076	.146	.299	.015	.350
1976	July	704	705	737	.115	.075	.148	.284	.015	.363
1976	Aug.	591	606	754	.113	.076	.147	.290	.015	.360
1976	Sept.	320	437	1,000	.104	.074	.153	.244	.014	.412
1976	Oct.	340	391	844	.111	.077	.149	.263	.015	.385
1976	Nov.	585	646	813	.113	.077	.148	.270	.015	.377
1976	Dec.	557	647	855	.111	.076	.149	.263	.015	.386
1977	Jan.	613	692	829	.112	.076	.148	.267	.015	.381
1977	Feb.	465	514	814	.112	.077	.148	.268	.015	.379
1977	Mar.	460	563	900	.109	.076	.150	.254	.015	.397
1977	Apr.	405	415	752	.114	.078	.146	.280	.016	.366
1977	May	34	56	1,190	.096	.076	.153	.207	.015	.454
1977	June	27	59	1,590	.085	.070	.155	.172	.013	.505
1977	July	10	19	1,450	.087	.075	.153	.177	.014	.494
1977	Aug.	570	599	773	.109	.070	.146	.265	.014	.396
1977	Sept.	11	26	1,840	.079	.069	.154	.152	.013	.533
1977	Oct.	205	259	930	.107	.077	.151	.239	.016	.410
1977	Nov.	326	380	858	.111	.078	.149	.253	.016	.392
1977	Dec.	348	390	823	.112	.079	.148	.259	.016	.385
1978	Jan.	416	448	792	.114	.080	.148	.266	.016	.377
1978	Feb.	365	381	767	.115	.080	.147	.270	.016	.371
1978	Mar.	768	785	752	.115	.079	.146	.276	.016	.368
1978	Apr.	6,087	3,328	402	.136	.083	.124	.389	.016	.252
1978	May	10,830	5,693	387	.136	.082	.122	.399	.016	.245
1978	June	1,563	1,254	590	.124	.082	.138	.318	.016	.322
1978	July	380	446	864	.111	.078	.149	.253	.016	.393
1978	Aug.	54	81	1,090	.100	.076	.155	.210	.016	.442
1978	Sept.	128	198	1,140	.099	.074	.155	.209	.015	.447
1978	Oct.	382	517	997	.101	.074	.149	.233	.016	.427
1978	Nov.	485	649	983	.102	.074	.148	.236	.016	.423
1978	Dec.	405	507	921	.106	.077	.148	.242	.016	.410
1979	Jan.	619	708	841	.110	.078	.147	.257	.016	.391

1979 Feb.	504	591	861	.109	.077	.148	.253	.016	.396
1979 Mar.	858	1,044	894	.106	.074	.147	.252	.017	.404
1979 Apr.	5,982	3,864	475	.134	.078	.133	.353	.017	.284
1979 May	23,700	12,080	375	.145	.077	.125	.402	.018	.234
1979 June	4,181	3,187	561	.128	.078	.138	.330	.017	.309
1979 July	2,142	1,976	678	.120	.077	.143	.297	.017	.346
1979 Aug.	693	766	813	.112	.078	.147	.263	.017	.385
1979 Sept.	347	443	938	.105	.077	.149	.239	.016	.415
1979 Oct.	519	658	932	.106	.075	.147	.246	.018	.409
1979 Nov.	825	975	869	.109	.075	.146	.255	.018	.397
1979 Dec.	855	962	827	.110	.076	.146	.264	.018	.386
1980 Jan.	946	983	764	.113	.077	.145	.277	.018	.370
1980 Feb.	1,107	1,249	830	.111	.075	.146	.258	.019	.391
1980 Mar.	1,131	1,247	811	.112	.076	.145	.265	.018	.384
1980 Apr.	5,189	3,616	513	.130	.078	.139	.327	.019	.308
1980 May	27,190	13,850	375	.141	.079	.131	.380	.018	.250
1980 June	5,580	4,116	542	.128	.078	.140	.322	.019	.314
1980 July	1,928	1,963	749	.116	.076	.145	.273	.019	.372
1980 Aug.	893	1,054	868	.109	.075	.146	.254	.018	.398
1980 Sept.	667	878	968	.105	.073	.147	.237	.018	.419
1980 Oct.	866	932	792	.111	.077	.142	.268	.032	.369
1980 Nov.	1,079	1,102	751	.114	.078	.141	.276	.032	.358
1980 Dec.	986	1,038	775	.113	.078	.142	.272	.032	.364
1981 Jan.	956	1,014	780	.112	.078	.142	.271	.032	.366
1981 Feb.	787	855	798	.111	.077	.142	.268	.031	.370
1981 Mar.	974	1,028	776	.113	.078	.142	.271	.032	.365
1981 Apr.	1,072	1,089	747	.114	.078	.141	.277	.032	.358
1981 May	739	833	830	.109	.077	.142	.262	.031	.378
1981 June	656	753	844	.108	.077	.142	.260	.031	.382
1981 July	397	518	961	.102	.076	.142	.241	.029	.409
1981 Aug.	316	436	1,010	.099	.075	.142	.234	.029	.420
1981 Sept.	335	455	998	.100	.075	.143	.236	.029	.417
1981 Oct.	804	884	809	.110	.077	.142	.265	.031	.374
1981 Nov.	714	807	831	.109	.077	.142	.262	.031	.379
1981 Dec.	736	832	832	.109	.077	.142	.262	.031	.379
1982 Jan.	764	856	823	.110	.077	.142	.263	.031	.377
1982 Feb.	587	681	853	.108	.077	.142	.258	.031	.384
1982 Mar.	871	943	796	.111	.077	.142	.268	.031	.370
1982 Apr.	2,477	2,022	600	.125	.079	.139	.307	.035	.316
1982 May	8,315	5,176	458	.138	.079	.134	.347	.037	.264
1982 June	2,535	2,082	604	.125	.079	.139	.307	.035	.316
1982 July	1,141	1,156	745	.115	.078	.141	.277	.032	.357
1982 Aug.	851	929	802	.111	.077	.142	.267	.031	.371
1982 Sept.	866	926	786	.112	.078	.142	.269	.032	.368

Site 8. 09093700 Colorado River near DeBeque, Colo., water years 1973 through 1982.

1972 Oct.	149,100	106,800	527	.126	.030	.197	.150	.257	.240
1972 Nov.	135,800	101,000	547	.124	.030	.199	.146	.262	.239
1972 Dec.	115,300	96,620	616	.116	.028	.207	.134	.278	.236
1973 Jan.	110,000	94,910	635	.114	.028	.209	.131	.282	.236
1973 Feb.	101,000	86,330	628	.115	.028	.208	.132	.280	.236
1973 Mar.	119,300	98,010	604	.118	.029	.206	.136	.275	.237

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 8. 09093700 Colorado River near DeBeque, Colo., water years 1973 through 1982--Continued										
1973	Apr.	119,000	95,670	591	0.119	0.029	0.205	0.138	0.273	0.237
1973	May	586,000	177,100	222	.178	.038	.138	.250	.159	.238
1973	June	834,800	204,300	180	.192	.040	.121	.281	.133	.233
1973	July	559,600	177,700	233	.177	.038	.139	.246	.160	.240
1973	Aug.	206,700	119,800	426	.138	.032	.183	.173	.231	.242
1973	Sept.	128,900	100,100	571	.122	.029	.200	.142	.267	.240
1973	Oct.	137,100	105,300	565	.123	.029	.199	.143	.265	.241
1973	Nov.	127,400	98,710	570	.121	.029	.202	.142	.267	.239
1973	Dec.	111,900	91,740	603	.114	.029	.211	.137	.277	.232
1974	Jan.	110,100	93,880	627	.114	.028	.209	.133	.281	.235
1974	Feb.	97,610	81,450	614	.113	.029	.212	.136	.280	.231
1974	Mar.	138,400	102,500	544	.123	.030	.200	.147	.262	.238
1974	Apr.	180,400	106,600	435	.133	.032	.190	.169	.239	.237
1974	May	714,600	183,300	189	.182	.041	.130	.279	.140	.228
1974	June	651,300	179,600	203	.181	.040	.132	.268	.146	.233
1974	July	274,700	137,600	368	.151	.034	.169	.189	.211	.246
1974	Aug.	149,000	104,500	516	.125	.030	.198	.152	.256	.238
1974	Sept.	121,100	95,460	580	.119	.029	.204	.141	.270	.237
1974	Oct.	125,900	100,500	587	.120	.029	.204	.141	.269	.236
1974	Nov.	120,600	98,080	598	.120	.029	.205	.139	.270	.236
1974	Dec.	107,000	93,260	641	.114	.028	.211	.133	.281	.233
1975	Jan.	104,500	91,760	646	.113	.028	.212	.132	.282	.232
1975	Feb.	91,400	81,160	653	.112	.028	.214	.131	.284	.231
1975	Mar.	110,200	96,820	646	.116	.028	.210	.132	.280	.234
1975	Apr.	135,700	96,660	524	.123	.030	.200	.150	.259	.236
1975	May	364,900	139,000	280	.157	.036	.158	.215	.189	.244
1975	June	737,600	197,800	197	.187	.039	.125	.261	.143	.246
1975	July	579,800	184,500	234	.177	.037	.137	.239	.161	.248
1975	Aug.	199,300	124,100	458	.138	.032	.184	.166	.236	.245
1975	Sept.	129,100	101,000	575	.123	.029	.202	.143	.265	.238
1975	Oct.	128,100	106,000	609	.120	.028	.208	.137	.276	.229
1975	Nov.	123,600	99,220	590	.122	.028	.207	.140	.273	.230
1975	Dec.	111,400	96,280	636	.117	.028	.212	.132	.284	.227
1976	Jan.	100,200	91,530	672	.114	.027	.216	.127	.291	.224
1976	Feb.	99,770	90,250	665	.115	.027	.215	.129	.289	.225
1976	Mar.	129,200	105,100	598	.121	.028	.207	.139	.274	.230
1976	Apr.	151,400	106,400	517	.129	.030	.198	.152	.257	.235
1976	May	395,200	145,000	270	.164	.036	.152	.220	.180	.248
1976	June	455,600	155,000	250	.169	.037	.146	.229	.170	.249
1976	July	209,100	125,700	442	.138	.031	.187	.168	.237	.240

1976	Aug.	142,300	109,400	565	.124	.029	.204	.144	.267	.232
1976	Sept.	123,400	103,800	619	.120	.028	.209	.136	.278	.229
1976	Oct.	124,600	109,500	647	.119	.028	.212	.132	.284	.225
1976	Nov.	103,000	99,740	712	.113	.027	.219	.123	.296	.221
1976	Dec.	97,530	101,900	768	.109	.026	.225	.117	.306	.217
1977	Jan.	92,000	98,960	791	.108	.026	.226	.115	.310	.216
1977	Feb.	71,620	75,500	775	.108	.026	.227	.113	.311	.215
1977	Mar.	72,460	77,040	782	.107	.026	.228	.112	.314	.214
1977	Apr.	97,790	78,470	590	.121	.028	.209	.134	.281	.226
1977	May	139,800	94,580	498	.132	.030	.196	.152	.257	.233
1977	June	172,000	105,900	453	.136	.031	.189	.161	.246	.236
1977	July	114,500	98,480	633	.119	.028	.212	.132	.284	.225
1977	Aug.	106,500	93,430	645	.118	.028	.213	.130	.287	.224
1977	Sept.	100,300	88,870	652	.118	.028	.214	.129	.288	.224
1977	Oct.	90,650	90,120	731	.111	.026	.221	.115	.312	.216
1977	Nov.	76,720	84,410	809	.105	.025	.227	.106	.327	.211
1977	Dec.	77,270	79,750	759	.108	.025	.224	.110	.320	.213
1978	Jan.	76,900	76,690	733	.109	.026	.222	.112	.317	.215
1978	Feb.	73,370	72,870	730	.110	.026	.222	.113	.315	.215
1978	Mar.	96,260	86,870	664	.116	.027	.215	.122	.300	.220
1978	Apr.	167,600	111,900	491	.135	.031	.193	.154	.252	.234
1978	May	418,300	161,100	283	.167	.037	.154	.217	.182	.243
1978	June	832,900	219,500	194	.190	.041	.122	.271	.132	.244
1978	July	366,200	151,700	305	.163	.036	.159	.208	.190	.243
1978	Aug.	127,700	106,400	613	.121	.028	.209	.132	.285	.225
1978	Sept.	104,700	98,320	691	.115	.027	.216	.121	.301	.220
1978	Oct.	103,700	95,740	679	.122	.029	.205	.126	.284	.234
1978	Nov.	110,400	93,360	622	.125	.030	.202	.133	.277	.234
1978	Dec.	87,140	86,480	730	.115	.028	.211	.117	.299	.229
1979	Jan.	77,200	75,120	716	.110	.026	.218	.113	.312	.221
1979	Feb.	78,470	78,630	737	.115	.028	.211	.117	.299	.229
1979	Mar.	105,200	87,190	610	.121	.029	.206	.129	.286	.228
1979	Apr.	155,000	99,900	474	.136	.032	.190	.155	.252	.235
1979	May	596,400	174,500	215	.179	.039	.136	.254	.157	.235
1979	June	916,800	214,300	172	.193	.042	.116	.292	.125	.232
1979	July	523,300	162,800	229	.176	.039	.141	.245	.163	.236
1979	Aug.	178,500	109,100	450	.140	.032	.186	.163	.242	.237
1979	Sept.	115,800	89,190	567	.126	.030	.202	.137	.275	.231
1979	Oct.	120,400	94,860	579	.121	.028	.202	.137	.283	.228
1979	Nov.	112,500	90,600	592	.120	.028	.203	.135	.286	.228
1979	Dec.	105,200	89,800	628	.116	.027	.206	.130	.295	.226
1980	Jan.	104,500	92,320	650	.117	.028	.205	.130	.291	.229
1980	Feb.	101,900	93,820	677	.121	.029	.202	.134	.280	.235
1980	Mar.	108,300	94,310	640	.118	.028	.204	.132	.288	.230
1980	Apr.	171,300	105,700	454	.135	.031	.188	.160	.253	.233
1980	May	596,000	194,500	240	.180	.039	.138	.246	.155	.242
1980	June	861,000	231,300	198	.193	.042	.122	.278	.127	.239
1980	July	325,100	155,300	351	.160	.036	.161	.203	.194	.245
1980	Aug.	139,500	101,400	535	.127	.029	.196	.146	.270	.231
1980	Sept.	119,700	93,370	574	.122	.029	.201	.139	.280	.229
1980	Oct.	119,300	107,300	662	.120	.029	.203	.145	.279	.224
1980	Nov.	106,300	98,190	679	.118	.029	.205	.140	.286	.223
1980	Dec.	98,480	89,160	666	.113	.027	.207	.132	.297	.224
1981	Jan.	82,180	79,640	713	.107	.025	.212	.121	.313	.221

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 8. 09093700 Colorado River near DeBeque, Colo., water years 1973 through 1982--Continued										
1981	Feb.	65,630	71,300	799	0.103	0.025	0.217	0.115	0.322	0.218
1981	Mar.	73,910	85,560	851	.104	.026	.218	.117	.318	.217
1981	Apr.	114,700	93,270	598	.119	.028	.202	.142	.284	.225
1981	May	210,300	114,300	400	.140	.031	.180	.178	.240	.231
1981	June	334,800	128,000	281	.157	.033	.161	.211	.206	.231
1981	July	153,200	114,000	547	.130	.031	.193	.161	.259	.227
1981	Aug.	110,700	89,090	592	.117	.027	.203	.137	.289	.226
1981	Sept.	114,700	91,990	590	.119	.028	.202	.142	.283	.226
1981	Oct.	119,600	95,470	587	.120	.028	.202	.142	.282	.226
1981	Nov.	101,700	87,410	632	.115	.027	.206	.135	.293	.225
1981	Dec.	90,730	86,560	702	.110	.026	.211	.126	.304	.222
1982	Jan.	92,230	88,450	705	.111	.027	.210	.128	.302	.222
1982	Feb.	83,530	82,740	728	.112	.027	.210	.129	.300	.222
1982	Mar.	102,700	96,770	693	.115	.028	.207	.135	.292	.223
1982	Apr.	147,300	98,240	490	.128	.029	.192	.157	.265	.229
1982	May	415,000	149,800	265	.165	.035	.153	.227	.189	.230
1982	June	688,700	194,300	208	.184	.038	.132	.272	.151	.223
1982	July	429,000	155,000	266	.166	.035	.152	.231	.187	.229
1982	Aug.	206,600	115,600	411	.140	.031	.180	.177	.240	.231
1982	Sept.	167,400	107,500	472	.134	.031	.188	.166	.252	.230
Site 9. 09095000 Roan Creek near DeBeque, Colo., water years 1975 through 1980.										
1974	Oct.	891	982	811	.097	.084	.152	.315	.012	.340
1974	Nov.	758	856	831	.096	.084	.152	.310	.013	.346
1974	Dec.	757	860	835	.095	.084	.152	.309	.013	.347
1975	Jan.	720	826	843	.095	.084	.153	.307	.013	.349
1975	Feb.	863	1,003	855	.095	.083	.152	.310	.012	.347
1975	Mar.	1,613	1,546	705	.105	.083	.149	.342	.011	.310
1975	Apr.	1,777	1,253	518	.116	.084	.143	.371	.014	.272
1975	May	11,410	6,579	424	.131	.081	.133	.425	.010	.220
1975	June	14,020	11,290	592	.118	.080	.141	.394	.008	.259
1975	July	2,289	2,225	715	.105	.083	.149	.342	.011	.310
1975	Aug.	1,246	1,357	801	.098	.083	.151	.321	.012	.334
1975	Sept.	1,121	1,173	770	.099	.083	.151	.323	.012	.331
1975	Oct.	1,049	1,281	898	.094	.083	.153	.307	.011	.353
1975	Nov.	1,200	1,320	809	.098	.083	.151	.320	.011	.336
1975	Dec.	1,339	1,353	743	.102	.084	.150	.330	.012	.322
1976	Jan.	1,281	1,320	757	.101	.084	.150	.328	.012	.326

1976	Feb.	1,539	1,421	679	.106	.084	.148	.344	.012	.307
1976	Mar.	1,462	1,441	725	.103	.084	.150	.334	.012	.318
1976	Apr.	1,624	1,354	613	.110	.084	.147	.353	.013	.293
1976	May	5,657	4,203	546	.118	.082	.142	.386	.010	.261
1976	June	2,789	2,872	757	.104	.082	.149	.341	.010	.315
1976	July	1,716	2,017	865	.097	.082	.152	.319	.010	.340
1976	Aug.	1,406	1,630	852	.097	.083	.152	.317	.011	.341
1976	Sept.	1,093	1,294	871	.095	.083	.153	.311	.011	.348
1976	Oct.	901	1,213	990	.090	.083	.153	.286	.011	.377
1976	Nov.	686	918	984	.089	.084	.153	.285	.011	.378
1976	Dec.	1,006	1,162	850	.096	.084	.151	.307	.012	.351
1977	Jan.	821	960	859	.095	.085	.151	.304	.012	.353
1977	Feb.	712	743	767	.099	.086	.150	.318	.013	.334
1977	Mar.	518	601	853	.093	.086	.151	.301	.013	.355
1977	Apr.	550	673	900	.092	.085	.152	.294	.013	.364
1977	May	849	1,006	871	.094	.084	.151	.302	.012	.356
1977	June	558	660	870	.093	.085	.151	.300	.013	.357
1977	July	563	662	866	.094	.084	.151	.302	.012	.355
1977	Aug.	919	892	714	.102	.084	.148	.329	.013	.323
1977	Sept.	459	389	623	.104	.089	.146	.341	.017	.304
1977	Oct.	438	398	669	.104	.088	.149	.330	.016	.313
1977	Nov.	348	439	927	.090	.085	.153	.287	.014	.370
1977	Dec.	452	535	869	.093	.086	.152	.296	.015	.359
1978	Jan.	463	528	839	.094	.086	.152	.300	.015	.353
1978	Feb.	588	649	812	.096	.086	.151	.304	.014	.349
1978	Mar.	1,595	1,553	716	.102	.085	.148	.320	.013	.331
1978	Apr.	6,266	4,326	508	.119	.085	.140	.364	.013	.279
1978	May	18,330	9,789	393	.131	.084	.133	.397	.013	.243
1978	June	4,064	3,672	664	.105	.083	.145	.327	.012	.327
1978	July	1,843	1,843	888	.093	.083	.150	.292	.012	.371
1978	Aug.	1,525	1,843	847	.094	.084	.150	.298	.013	.359
1978	Sept.	947	1,090	898	.092	.084	.151	.291	.013	.369
1978	Oct.	736	899	935	.090	.084	.150	.281	.013	.382
1978	Nov.	748	951	924	.091	.083	.150	.280	.013	.383
1978	Dec.	1,018	1,279	856	.095	.085	.149	.294	.013	.365
1979	Jan.	1,027	1,196	856	.095	.085	.149	.294	.013	.365
1979	Feb.	804	859	785	.099	.087	.147	.310	.013	.343
1979	Mar.	678	772	836	.096	.086	.149	.300	.013	.356
1979	Apr.	1,843	2,019	806	.098	.084	.148	.300	.012	.357
1979	May	6,327	5,006	582	.113	.085	.141	.346	.011	.303
1979	June	28,290	17,340	451	.126	.084	.135	.383	.010	.262
1979	July	9,838	7,703	576	.114	.085	.141	.348	.011	.301
1979	Aug.	3,451	3,709	790	.098	.083	.148	.300	.012	.359
1979	Sept.	1,551	2,220	1,050	.084	.079	.152	.256	.012	.417
1979	Oct.	1,037	1,227	870	.093	.084	.149	.289	.013	.372
1979	Nov.	1,123	1,390	911	.091	.083	.150	.281	.013	.383
1979	Dec.	1,478	1,651	822	.097	.084	.149	.298	.012	.360
1980	Jan.	1,595	1,905	878	.093	.083	.150	.287	.012	.375
1980	Feb.	2,128	2,251	778	.099	.084	.148	.304	.012	.354
1980	Mar.	2,592	2,675	759	.100	.084	.147	.306	.012	.351
1980	Apr.	2,025	2,227	809	.097	.084	.148	.300	.012	.358
1980	May	8,101	5,443	494	.120	.086	.137	.370	.011	.276
1980	June	53,400	29,280	403	.133	.084	.131	.401	.009	.242
1980	July	14,720	10,710	535	.118	.085	.140	.359	.010	.288

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 9. 09095000 Roan Creek near DeBeque, Colo., water years 1975 through 1980--Continued										
1980	July	4,122	4,075	727	0.102	0.084	0.146	0.313	0.012	0.343
1980	Aug.	2,023	2,463	895	.092	.082	.150	.282	.012	.382
1980	Sept.	1,561	1,839	866	.094	.083	.149	.289	.012	.372
Site 10. 09095500 Colorado River near Cameo, Colo., water years 1934 through 1983.										
1933	Oct.	98,300	95,990	718	.114	.031	.209	.125	.278	.243
1933	Nov.	85,370	88,920	766	.111	.030	.212	.120	.285	.242
1933	Dec.	87,000	91,320	772	.110	.030	.213	.119	.286	.242
1934	Jan.	87,390	91,460	770	.110	.030	.213	.119	.285	.242
1934	Feb.	76,030	81,420	788	.109	.030	.214	.118	.288	.242
1934	Mar.	91,320	93,160	750	.112	.031	.211	.122	.283	.242
1934	Apr.	193,900	122,100	463	.139	.035	.184	.165	.235	.243
1934	May	630,000	206,000	241	.180	.040	.141	.242	.165	.232
1934	June	256,400	136,800	392	.148	.036	.174	.182	.217	.242
1934	July	93,170	93,470	738	.112	.031	.210	.123	.282	.242
1934	Aug.	86,410	90,680	772	.110	.030	.213	.119	.286	.242
1934	Sept.	73,980	83,390	829	.106	.030	.217	.113	.294	.240
1934	Oct.	66,630	81,670	901	.101	.029	.221	.107	.303	.239
1934	Nov.	61,740	77,740	926	.100	.029	.223	.105	.305	.239
1934	Dec.	61,720	79,230	944	.099	.028	.224	.103	.307	.238
1935	Jan.	61,620	78,990	943	.099	.028	.224	.103	.308	.238
1935	Feb.	52,260	69,670	980	.097	.028	.226	.100	.312	.238
1935	Mar.	62,750	79,740	934	.100	.028	.223	.104	.306	.239
1935	Apr.	115,500	99,590	634	.121	.032	.202	.135	.266	.243
1935	May	357,300	157,800	325	.159	.037	.163	.202	.200	.238
1935	June	1,272,000	269,200	156	.204	.042	.114	.298	.127	.215
1935	July	475,800	181,200	280	.170	.039	.152	.222	.182	.236
1935	Aug.	156,900	115,900	543	.130	.034	.192	.151	.249	.244
1935	Sept.	116,700	100,800	635	.121	.032	.202	.136	.265	.244
1935	Oct.	108,400	101,500	688	.124	.033	.198	.137	.262	.246
1935	Nov.	93,300	93,470	737	.119	.032	.203	.131	.270	.245
1935	Dec.	73,310	88,050	883	.110	.030	.212	.116	.289	.243
1936	Jan.	73,710	84,140	839	.110	.030	.212	.117	.288	.243
1936	Feb.	68,330	74,730	804	.110	.030	.212	.116	.289	.243
1936	Mar.	75,730	80,020	777	.111	.030	.211	.118	.287	.243
1936	Apr.	329,400	138,500	309	.165	.038	.156	.212	.193	.236
1936	May	1,168,000	269,700	170	.209	.044	.108	.303	.119	.217
1936	June	942,600	221,400	173	.204	.043	.115	.288	.128	.222

1936	July	347,500	164,200	347	.167	.039	.154	.211	.186	.241
1936	Aug.	234,800	143,700	450	.152	.037	.169	.184	.211	.245
1936	Sept.	122,200	104,400	628	.129	.034	.193	.146	.252	.246
1936	Oct.	109,100	105,100	708	--	--	--	--	--	--
1936	Nov.	89,970	93,360	763	--	--	--	--	--	--
1936	Dec.	76,420	93,850	903	--	--	--	--	--	--
1937	Jan.	70,410	93,320	975	--	--	--	--	--	--
1937	Feb.	70,410	83,790	875	--	--	--	--	--	--
1937	Mar.	90,030	101,400	828	--	--	--	--	--	--
1937	Apr.	153,100	115,300	554	--	--	--	--	--	--
1937	May	744,100	247,100	244	--	--	--	--	--	--
1937	June	588,800	184,000	230	--	--	--	--	--	--
1937	July	302,200	171,500	417	--	--	--	--	--	--
1937	Aug.	126,600	119,800	696	--	--	--	--	--	--
1937	Sept.	116,200	116,800	739	--	--	--	--	--	--
1937	Oct.	122,300	114,100	686	--	--	--	--	--	--
1937	Nov.	103,900	99,140	702	--	--	--	--	--	--
1937	Dec.	91,920	97,450	780	--	--	--	--	--	--
1938	Jan.	78,980	92,650	863	--	--	--	--	--	--
1938	Feb.	71,660	82,300	844	--	--	--	--	--	--
1938	Mar.	117,900	116,400	726	--	--	--	--	--	--
1938	Apr.	275,400	155,300	415	--	--	--	--	--	--
1938	May	866,200	313,400	266	--	--	--	--	--	--
1938	June	1,462,000	365,000	184	--	--	--	--	--	--
1938	July	514,000	183,800	263	--	--	--	--	--	--
1938	Aug.	170,300	122,500	529	--	--	--	--	--	--
1938	Sept.	187,000	139,300	548	--	--	--	--	--	--
1938	Oct.	121,100	116,000	704	--	--	--	--	--	--
1938	Nov.	103,800	108,100	765	--	--	--	--	--	--
1938	Dec.	103,900	114,100	808	--	--	--	--	--	--
1939	Jan.	90,790	101,100	819	--	--	--	--	--	--
1939	Feb.	74,960	84,600	830	--	--	--	--	--	--
1939	Mar.	111,900	109,400	719	--	--	--	--	--	--
1939	Apr.	207,100	126,200	448	--	--	--	--	--	--
1939	May	842,900	230,200	201	--	--	--	--	--	--
1939	June	657,700	189,800	212	--	--	--	--	--	--
1939	July	188,300	120,900	472	--	--	--	--	--	--
1939	Aug.	100,400	104,600	766	--	--	--	--	--	--
1939	Sept.	102,000	114,200	824	--	--	--	--	--	--
1939	Oct.	95,530	101,700	783	--	--	--	--	--	--
1939	Nov.	77,890	92,160	870	--	--	--	--	--	--
1939	Dec.	62,470	81,300	957	--	--	--	--	--	--
1940	Jan.	62,860	83,590	978	--	--	--	--	--	--
1940	Feb.	62,600	78,430	921	--	--	--	--	--	--
1940	Mar.	78,450	90,360	847	--	--	--	--	--	--
1940	Apr.	137,300	102,200	548	--	--	--	--	--	--
1940	May	541,800	182,700	248	--	--	--	--	--	--
1940	June	533,300	157,600	217	--	--	--	--	--	--
1940	July	161,800	104,900	477	--	--	--	--	--	--
1940	Aug.	81,920	92,090	827	--	--	--	--	--	--
1940	Sept.	102,600	103,100	739	--	--	--	--	--	--
1940	Oct.	122,800	108,300	649	--	--	--	--	--	--
1940	Nov.	85,070	92,330	798	--	--	--	--	--	--
1940	Dec.	73,870	88,180	878	--	--	--	--	--	--

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 10. 09095500 Colorado River near Cameo, Colo., water years 1934 through 1983--Continued										
1941	Jan.	64,920	82,440	934	--	--	--	--	--	--
1941	Feb.	66,610	80,580	890	--	--	--	--	--	--
1941	Mar.	82,170	94,950	850	--	--	--	--	--	--
1941	Apr.	133,200	109,900	607	--	--	--	--	--	--
1941	May	948,300	306,800	238	--	--	--	--	--	--
1941	June	803,300	225,300	206	--	--	--	--	--	--
1941	July	314,700	156,500	366	--	--	--	--	--	--
1941	Aug.	143,600	128,400	657	--	--	--	--	--	--
1941	Sept.	121,900	117,100	706	--	--	--	--	--	--
1941	Oct.	166,100	143,500	635	--	--	--	--	--	--
1941	Nov.	123,800	116,600	693	--	--	--	--	--	--
1941	Dec.	103,500	113,900	809	--	--	--	--	--	--
1942	Jan.	89,650	107,800	884	--	--	--	--	--	--
1942	Feb.	86,060	103,300	883	--	--	--	--	--	--
1942	Mar.	102,900	116,500	833	--	--	--	--	--	--
1942	Apr.	333,700	199,000	438	--	--	--	--	--	--
1942	May	757,500	285,900	278	--	--	--	--	--	--
1942	June	1,215,000	289,200	175	--	--	--	--	--	--
1942	July	406,500	192,200	348	--	--	--	--	--	--
1942	Aug.	138,600	116,500	618	--	--	--	--	--	--
1942	Sept.	86,300	100,400	855	--	--	--	--	--	--
1942	Oct.	93,700	111,300	873	0.109	0.035	0.211	0.135	0.262	0.247
1942	Nov.	94,180	108,500	847	.111	.035	.210	.137	.261	.247
1942	Dec.	83,840	103,800	910	.105	.034	.215	.127	.274	.245
1943	Jan.	76,600	99,740	957	.102	.034	.218	.122	.281	.244
1943	Feb.	73,790	91,490	912	.104	.033	.216	.125	.278	.244
1943	Mar.	88,740	102,500	850	.107	.033	.212	.129	.275	.244
1943	Apr.	237,100	124,600	387	.146	.031	.175	.182	.229	.238
1943	May	509,100	154,600	223	.180	.028	.143	.234	.189	.225
1943	June	931,300	211,300	167	.207	.029	.117	.294	.139	.214
1943	July	387,300	145,000	275	.166	.030	.156	.214	.203	.231
1943	Aug.	192,200	137,200	525	.138	.034	.182	.178	.223	.245
1943	Sept.	117,000	103,700	652	.118	.032	.201	.143	.265	.242
1943	Oct.	111,300	112,900	746	.116	.034	.204	.143	.256	.247
1943	Nov.	115,200	103,900	663	.117	.033	.200	.141	.260	.248
1943	Dec.	106,600	103,200	712	.113	.033	.204	.135	.268	.248
1944	Jan.	74,360	95,170	941	.101	.032	.219	.118	.285	.245
1944	Feb.	76,440	86,990	837	.102	.031	.215	.119	.287	.246
1944	Mar.	81,480	95,430	861	.103	.032	.215	.120	.284	.246
1944	Apr.	117,500	106,100	664	.118	.034	.200	.144	.258	.248

1944 May	564,400	202,100	263	.182	.038	.133	.272	.152	.223
1944 June	889,800	214,500	177	.199	.038	.153	.297	.134	.219
1944 July	377,600	146,400	285	.160	.036	.153	.212	.196	.242
1944 Aug.	123,000	102,000	610	.116	.033	.198	.138	.266	.249
1944 Sept.	77,630	88,730	880	.101	.031	.206	.117	.290	.246
1944 Oct.	98,720	102,500	764	.112	.033	.206	.132	.266	.251
1944 Nov.	100,400	99,040	725	.113	.034	.203	.134	.265	.250
1944 Dec.	98,860	97,170	723	.110	.033	.205	.130	.273	.249
1945 Jan.	78,170	88,500	833	.101	.032	.213	.116	.290	.248
1945 Feb.	71,680	83,470	856	.103	.032	.213	.119	.282	.249
1945 Mar.	94,650	91,340	710	.106	.033	.206	.124	.283	.247
1945 Apr.	115,500	100,900	643	.117	.034	.199	.141	.261	.249
1945 May	601,100	200,500	245	.184	.038	.132	.264	.156	.226
1945 June	794,700	191,700	177	.190	.040	.120	.280	.152	.217
1945 July	498,700	165,100	244	.171	.039	.140	.239	.181	.230
1945 Aug.	287,100	146,300	375	.154	.037	.161	.205	.203	.240
1945 Sept.	117,700	99,200	620	.117	.035	.197	.140	.264	.248
1945 Oct.	126,200	104,500	609	.120	.035	.193	.143	.259	.251
1945 Nov.	125,100	101,800	599	.120	.035	.192	.144	.258	.250
1945 Dec.	116,700	101,400	639	.117	.035	.196	.138	.263	.251
1946 Jan.	109,300	97,190	654	.113	.034	.199	.134	.270	.249
1946 Feb.	91,260	84,730	683	.111	.034	.201	.130	.275	.249
1946 Mar.	99,390	92,890	687	.110	.034	.202	.128	.277	.249
1946 Apr.	284,500	126,400	327	.145	.039	.166	.196	.219	.235
1946 May	448,500	145,800	239	.155	.042	.153	.225	.201	.224
1946 June	689,500	189,900	203	.182	.042	.129	.269	.159	.220
1946 July	266,600	137,000	378	.147	.039	.166	.192	.214	.243
1946 Aug.	126,400	105,600	614	.121	.035	.192	.144	.257	.252
1946 Sept.	92,370	93,590	745	.112	.033	.202	.128	.271	.254
1946 Oct.	122,300	115,300	693	.125	.034	.188	.140	.249	.264
1946 Nov.	103,600	96,350	684	.116	.034	.197	.133	.268	.252
1946 Dec.	120,600	97,550	595	.117	.034	.196	.139	.270	.244
1947 Jan.	82,410	84,830	757	.105	.032	.208	.119	.291	.245
1947 Feb.	82,120	78,930	707	.108	.033	.205	.124	.286	.244
1947 Mar.	107,100	102,100	701	.119	.033	.194	.134	.263	.257
1947 Apr.	177,500	113,300	469	.132	.036	.181	.163	.242	.245
1947 May	809,100	220,600	201	.187	.040	.126	.271	.153	.223
1947 June	1,027,000	245,900	176	.197	.041	.116	.292	.137	.218
1947 July	732,500	194,800	196	.177	.041	.134	.263	.166	.219
1947 Aug.	239,600	137,200	421	.144	.037	.170	.181	.221	.247
1947 Sept.	142,800	110,500	569	.128	.035	.186	.151	.248	.252
1947 Oct.	152,600	116,300	560	.130	.035	.186	.154	.241	.254
1947 Nov.	135,300	104,400	568	.126	.034	.190	.147	.252	.251
1947 Dec.	117,600	101,000	632	.120	.034	.194	.138	.262	.252
1948 Jan.	115,900	96,760	614	.118	.033	.196	.136	.268	.249
1948 Feb.	111,300	87,870	581	.117	.033	.196	.136	.272	.245
1948 Mar.	115,300	102,100	651	.121	.034	.194	.138	.260	.254
1948 Apr.	252,400	135,600	395	.147	.036	.170	.188	.212	.247
1948 May	920,000	264,200	211	.194	.038	.124	.288	.130	.226
1948 June	843,700	213,600	186	.184	.038	.133	.276	.148	.221
1948 July	311,700	151,100	357	.153	.037	.165	.199	.202	.245
1948 Aug.	160,600	122,600	561	.122	.034	.183	.159	.233	.256
1948 Sept.	88,290	91,590	763	.114	.033	.200	.125	.273	.256
1948 Oct.	108,700	109,500	741	.119	.033	.197	.133	.257	.261

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 10. 09095500 Colorado River near Cameo, Colo., water years 1934 through 1983--Continued										
1948	Nov.	107,400	98,960	677	0.118	0.034	0.197	0.134	0.263	0.255
1948	Dec.	90,390	91,000	740	.110	.033	.202	.122	.280	.253
1949	Jan.	98,880	92,290	686	.113	.033	.200	.127	.276	.251
1949	Feb.	83,640	79,790	701	.110	.033	.201	.124	.282	.250
1949	Mar.	97,890	97,720	734	.114	.033	.200	.127	.271	.256
1949	Apr.	200,800	126,600	464	.138	.036	.179	.173	.224	.251
1949	May	572,500	198,700	255	.170	.039	.145	.251	.162	.232
1949	June	1,080,000	272,500	186	.192	.039	.121	.309	.123	.217
1949	July	594,100	196,200	243	.170	.039	.144	.254	.162	.230
1949	Aug.	184,100	127,000	507	.135	.036	.182	.166	.229	.253
1949	Sept.	122,400	111,900	672	.124	.034	.193	.142	.248	.259
1949	Oct.	125,400	124,100	728	.123	.033	.198	.139	.245	.262
1949	Nov.	108,300	108,100	734	.118	.033	.200	.133	.258	.258
1949	Dec.	100,500	105,400	771	.115	.033	.203	.127	.266	.258
1950	Jan.	91,480	94,540	760	.111	.033	.203	.122	.278	.253
1950	Feb.	88,270	85,430	712	.113	.033	.201	.126	.276	.251
1950	Mar.	118,400	106,000	658	.119	.034	.196	.137	.260	.253
1950	Apr.	212,300	122,200	423	.139	.037	.176	.179	.227	.243
1950	May	418,100	163,300	287	.162	.038	.153	.230	.185	.231
1950	June	786,500	218,100	204	.183	.039	.131	.286	.145	.217
1950	July	272,600	149,300	403	.147	.037	.171	.192	.207	.245
1950	Aug.	124,500	109,200	645	.121	.034	.195	.140	.256	.253
1950	Sept.	111,000	107,200	710	.119	.033	.199	.135	.257	.257
1950	Oct.	96,460	108,300	825	.115	.033	.206	.125	.271	.250
1950	Nov.	98,100	107,300	804	.116	.033	.205	.128	.268	.250
1950	Dec.	97,950	102,500	770	.113	.033	.206	.125	.275	.248
1951	Jan.	96,360	96,460	736	.111	.032	.206	.123	.280	.247
1951	Feb.	88,270	83,970	700	.111	.032	.205	.124	.282	.246
1951	Mar.	98,860	98,950	736	.113	.033	.205	.125	.277	.247
1951	Apr.	151,100	105,600	514	.126	.035	.190	.152	.254	.243
1951	May	536,500	174,500	239	.170	.041	.140	.254	.174	.221
1951	June	857,400	212,500	182	.186	.043	.121	.299	.144	.208
1951	July	471,300	166,800	260	.164	.041	.147	.238	.184	.226
1951	Aug.	207,400	136,000	482	.140	.037	.178	.176	.227	.242
1951	Sept.	111,000	96,310	638	.116	.033	.200	.133	.272	.246
1951	Oct.	119,800	106,500	654	.119	.031	.200	.134	.271	.244
1951	Nov.	104,200	96,650	682	.114	.031	.204	.127	.281	.243
1951	Dec.	106,200	98,330	681	.113	.030	.205	.126	.283	.243
1952	Jan.	96,000	93,760	718	.109	.030	.208	.119	.291	.242
1952	Feb.	84,300	87,120	760	.107	.030	.210	.116	.294	.243

1952	Mar.	112,900	107,800	702	.118	.032	.202	.132	.271	.244
1952	Apr.	312,900	171,600	403	.164	.037	.161	.212	.191	.235
1952	May	978,300	340,000	256	.217	.041	.109	.320	.110	.203
1952	June	1,320,000	330,300	184	.225	.039	.097	.350	.099	.189
1952	July	448,600	194,500	319	.178	.037	.147	.238	.172	.228
1952	Aug.	276,400	175,100	466	.160	.037	.166	.201	.196	.240
1952	Sept.	170,800	131,700	567	.138	.034	.185	.163	.234	.244
1952	Oct.	123,000	116,100	695	.125	.030	.199	.139	.259	.248
1952	Nov.	111,800	111,200	732	.123	.030	.201	.135	.262	.249
1952	Dec.	99,180	101,400	752	.115	.028	.208	.124	.279	.246
1953	Jan.	98,460	99,710	745	.114	.028	.208	.124	.281	.245
1953	Feb.	80,000	81,370	748	.108	.027	.213	.117	.294	.241
1953	Mar.	101,500	95,290	690	.114	.028	.197	.125	.283	.242
1953	Apr.	136,000	105,000	568	.128	.029	.208	.147	.259	.241
1953	May	346,400	142,100	302	.165	.032	.161	.221	.198	.223
1953	June	886,400	220,200	183	.206	.035	.119	.312	.129	.199
1953	July	295,400	145,100	361	.159	.033	.168	.204	.205	.232
1953	Aug.	193,800	132,300	502	.143	.032	.182	.172	.229	.241
1953	Sept.	100,900	96,330	702	.116	.028	.207	.127	.279	.244
1953	Oct.	101,400	104,800	760	.120	.025	.206	.126	.268	.255
1953	Nov.	99,240	106,900	792	.123	.025	.204	.127	.260	.261
1953	Dec.	91,900	103,800	830	.117	.025	.209	.120	.271	.259
1954	Jan.	94,490	92,150	717	.111	.025	.212	.121	.290	.242
1954	Feb.	81,090	87,250	791	.112	.025	.212	.118	.283	.250
1954	Mar.	94,080	92,660	724	.111	.025	.212	.120	.289	.242
1954	Apr.	136,100	101,200	547	.127	.027	.198	.147	.263	.238
1954	May	295,600	130,600	325	.159	.030	.168	.208	.214	.222
1954	June	204,400	116,600	420	.146	.029	.181	.179	.233	.232
1954	July	145,900	116,000	585	.135	.027	.193	.151	.246	.248
1954	Aug.	105,200	98,590	689	.117	.026	.207	.128	.277	.245
1954	Sept.	102,900	102,600	733	.122	.026	.204	.129	.265	.254
1954	Oct.	125,200	112,200	659	.131	.027	.195	.141	.253	.255
1954	Nov.	98,180	99,590	746	.121	.026	.204	.127	.266	.255
1954	Dec.	81,820	96,310	866	.114	.024	.212	.114	.277	.258
1955	Jan.	73,590	86,970	869	.107	.024	.219	.108	.289	.252
1955	Feb.	66,840	81,770	900	.109	.024	.218	.109	.286	.255
1955	Mar.	86,010	94,850	811	.114	.025	.212	.117	.277	.254
1955	Apr.	141,600	108,100	562	.135	.028	.190	.151	.249	.247
1955	May	384,200	152,400	292	.175	.032	.147	.230	.192	.223
1955	June	448,000	158,700	261	.183	.033	.139	.246	.181	.218
1955	July	213,700	125,800	433	.150	.030	.174	.179	.228	.240
1955	Aug.	157,400	130,500	609	.143	.027	.182	.156	.234	.258
1955	Sept.	99,750	90,610	668	.119	.027	.207	.128	.274	.245
1955	Oct.	90,750	89,210	723	.116	.027	.205	.122	.275	.254
1955	Nov.	94,430	96,670	753	.119	.027	.205	.125	.267	.257
1955	Dec.	89,400	91,180	750	.115	.027	.207	.121	.274	.256
1956	Jan.	80,830	82,810	753	.111	.027	.208	.116	.283	.254
1956	Feb.	75,310	79,650	778	.111	.027	.209	.116	.281	.255
1956	Mar.	104,100	97,310	687	.122	.028	.201	.131	.265	.254
1956	Apr.	184,400	115,000	459	.146	.029	.179	.170	.234	.243
1956	May	684,900	224,900	241	.204	.028	.130	.273	.156	.209
1956	June	636,800	186,200	215	.200	.029	.129	.273	.162	.206
1956	July	172,800	117,700	501	.142	.029	.183	.163	.238	.246
1956	Aug.	114,800	105,900	678	.126	.027	.199	.136	.257	.255

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 10. 09095500 Colorado River near Cameo, Colo., water years 1934 through 1983--Continued										
1956	Sept.	87,630	76,470	642	0.115	0.028	0.202	0.124	0.281	0.250
1956	Oct.	92,850	86,710	687	.113	.029	.206	.123	.278	.252
1956	Nov.	83,470	88,180	777	.110	.030	.209	.122	.276	.253
1956	Dec.	72,790	85,450	863	.104	.030	.214	.113	.285	.253
1957	Jan.	79,740	81,840	755	.107	.029	.210	.115	.286	.253
1957	Feb.	76,860	80,390	769	.109	.030	.209	.120	.278	.253
1957	Mar.	82,730	88,860	790	.108	.030	.210	.119	.279	.253
1957	Apr.	150,800	99,310	484	.132	.029	.190	.151	.251	.247
1957	May	591,300	232,300	289	.184	.033	.143	.265	.157	.217
1957	June	1,415,000	369,900	192	.214	.032	.109	.351	.109	.185
1957	July	1,072,000	272,700	187	.208	.030	.120	.311	.132	.199
1957	Aug.	338,500	170,300	370	.163	.033	.163	.216	.192	.233
1957	Sept.	157,400	117,200	547	.134	.031	.189	.161	.238	.247
1957	Oct.	135,600	121,500	659	.124	.033	.200	.153	.248	.243
1957	Nov.	123,100	107,900	644	.120	.031	.202	.145	.254	.246
1957	Dec.	102,500	95,640	686	.112	.030	.209	.129	.270	.250
1958	Jan.	91,740	81,890	656	.107	.028	.211	.119	.281	.254
1958	Feb.	94,910	83,310	645	.112	.029	.208	.129	.270	.252
1958	Mar.	122,800	108,100	647	.119	.031	.203	.142	.257	.247
1958	Apr.	171,600	118,100	506	.133	.031	.191	.163	.236	.246
1958	May	847,200	239,200	208	.198	.030	.132	.285	.144	.211
1958	June	808,000	204,900	187	.199	.028	.132	.276	.148	.218
1958	July	192,800	122,700	468	.136	.030	.188	.167	.233	.246
1958	Aug.	108,900	102,800	694	.114	.031	.208	.135	.265	.248
1958	Sept.	103,300	104,300	743	.114	.032	.209	.136	.264	.245
1958	Oct.	99,490	105,600	780	.109	.030	.214	.126	.273	.249
1958	Nov.	93,660	95,230	748	.109	.029	.213	.125	.275	.248
1958	Dec.	86,100	91,240	779	.105	.029	.217	.119	.283	.247
1959	Jan.	94,220	89,790	701	.110	.029	.213	.125	.278	.246
1959	Feb.	86,280	84,900	724	.110	.029	.213	.125	.277	.247
1959	Mar.	82,470	85,030	758	.105	.028	.217	.117	.287	.245
1959	Apr.	118,300	92,130	573	.121	.029	.202	.140	.262	.245
1959	May	392,000	149,500	281	.169	.031	.156	.222	.188	.234
1959	June	684,000	191,000	205	.193	.031	.132	.269	.153	.222
1959	July	215,000	123,000	421	.142	.031	.181	.176	.226	.243
1959	Aug.	131,200	109,200	612	.121	.030	.202	.143	.256	.248
1959	Sept.	104,900	99,150	695	.113	.030	.209	.132	.268	.248
1959	Oct.	137,900	108,300	578	.125	.031	.196	.141	.258	.249
1959	Nov.	116,500	98,640	623	.120	.030	.202	.132	.267	.249
1959	Dec.	99,790	100,500	741	.111	.029	.211	.120	.278	.250

1960	Jan.	100,000	86,800	638	.115	.029	.208	.125	.279	.244
1960	Feb.	91,660	86,880	697	.112	.029	.211	.121	.280	.247
1960	Mar.	134,700	100,200	547	.125	.030	.197	.140	.261	.246
1960	Apr.	245,900	114,700	343	.154	.032	.165	.187	.221	.241
1960	May	432,200	149,900	255	.176	.033	.141	.229	.187	.234
1960	June	667,900	187,500	206	.194	.034	.121	.264	.159	.227
1960	July	216,800	124,100	421	.145	.032	.174	.172	.231	.246
1960	Aug.	117,000	99,090	623	.119	.030	.203	.131	.269	.248
1960	Sept.	101,800	92,790	670	.115	.030	.208	.125	.275	.248
1960	Oct.	106,500	101,300	700	.116	.029	.209	.123	.275	.249
1960	Nov.	99,000	101,000	750	.114	.028	.212	.119	.277	.250
1960	Dec.	100,000	96,530	709	.113	.028	.211	.119	.281	.248
1961	Jan.	98,760	92,110	686	.113	.028	.211	.119	.283	.246
1961	Feb.	85,110	77,990	674	.112	.028	.211	.117	.288	.245
1961	Mar.	85,650	86,840	746	.107	.027	.217	.110	.293	.245
1961	Apr.	103,000	89,050	636	.116	.028	.207	.124	.279	.246
1961	May	354,600	132,800	275	.171	.034	.147	.223	.193	.233
1961	June	425,800	136,000	235	.182	.035	.134	.245	.177	.228
1961	July	138,500	104,900	557	.128	.030	.194	.143	.257	.247
1961	Aug.	115,300	97,690	623	.120	.029	.203	.129	.272	.247
1961	Sept.	174,900	118,500	498	.139	.032	.183	.161	.237	.248
1961	Oct.	200,200	113,600	417	.145	.032	.172	.171	.238	.242
1961	Nov.	130,700	93,290	525	.126	.030	.192	.140	.271	.242
1961	Dec.	120,800	87,660	534	.121	.029	.195	.132	.285	.239
1962	Jan.	114,700	91,050	584	.119	.028	.200	.129	.283	.241
1962	Feb.	135,000	94,810	516	.132	.030	.188	.149	.257	.244
1962	Mar.	160,500	108,000	495	.134	.031	.185	.153	.252	.244
1962	Apr.	512,600	195,800	281	.190	.036	.127	.269	.150	.227
1962	May	892,600	267,800	221	.210	.038	.104	.317	.116	.215
1962	June	882,400	230,600	192	.210	.038	.102	.317	.121	.212
1962	July	544,900	193,900	262	.188	.037	.129	.263	.155	.229
1962	Aug.	185,600	123,900	491	.141	.032	.181	.165	.234	.246
1962	Sept.	120,900	110,200	670	.124	.029	.204	.136	.258	.250
1962	Oct.	172,700	123,900	528	.138	.030	.188	.163	.242	.239
1962	Nov.	147,800	111,300	554	.132	.029	.194	.153	.253	.238
1962	Dec.	115,300	111,500	711	.118	.029	.208	.131	.266	.249
1963	Jan.	95,210	104,000	803	.109	.028	.216	.118	.279	.250
1963	Feb.	86,520	82,810	704	.110	.026	.214	.120	.292	.237
1963	Mar.	98,340	97,930	732	.111	.027	.214	.121	.285	.242
1963	Apr.	127,200	96,940	560	.125	.028	.200	.143	.272	.232
1963	May	322,500	124,200	283	.170	.030	.156	.224	.214	.205
1963	June	245,500	123,300	369	.158	.030	.168	.199	.223	.221
1963	July	110,900	97,120	644	.117	.027	.208	.130	.282	.236
1963	Aug.	115,200	102,400	654	.118	.028	.207	.133	.275	.240
1963	Sept.	112,000	93,690	615	.119	.027	.206	.134	.280	.234
1963	Oct.	96,180	95,040	727	.110	.027	.215	.122	.291	.235
1963	Nov.	90,350	97,430	793	.108	.027	.217	.117	.288	.243
1963	Dec.	70,890	91,280	947	.096	.026	.229	.101	.305	.243
1964	Jan.	57,820	75,660	962	.090	.024	.238	.094	.327	.227
1964	Feb.	55,040	66,490	888	.091	.024	.237	.097	.331	.219
1964	Mar.	66,670	74,920	826	.097	.025	.237	.104	.322	.221
1964	Apr.	105,300	92,870	648	.116	.027	.210	.131	.285	.230
1964	May	403,400	152,000	277	.178	.031	.147	.236	.196	.212
1964	June	465,400	149,400	236	.191	.031	.135	.259	.185	.198

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 10. 09095500 Colorado River near Cameo, Colo., water years 1934 through 1983--Continued										
1964	July	223,200	129,300	426	0.149	0.030	0.176	0.181	0.235	0.229
1964	Aug.	153,000	120,200	578	.131	.030	.193	.151	.255	.240
1964	Sept.	115,700	99,370	632	.120	.028	.205	.136	.277	.234
1964	Oct.	103,500	99,230	705	.112	.028	.214	.126	.291	.230
1964	Nov.	93,900	100,900	790	.108	.027	.217	.118	.291	.239
1964	Dec.	91,400	97,040	781	.106	.027	.220	.117	.298	.232
1965	Jan.	91,580	96,790	777	.106	.027	.220	.117	.299	.231
1965	Feb.	77,950	82,480	778	.104	.027	.222	.115	.305	.226
1965	Mar.	85,190	96,500	833	.103	.027	.223	.111	.302	.234
1965	Apr.	160,800	107,000	489	.135	.030	.190	.164	.262	.219
1965	May	477,300	174,800	269	.190	.032	.135	.254	.181	.209
1965	June	920,000	239,300	191	.222	.032	.104	.312	.134	.197
1965	July	605,400	196,600	239	.200	.032	.125	.273	.164	.205
1965	Aug.	272,800	139,200	375	.160	.031	.165	.202	.223	.219
1965	Sept.	171,900	123,100	527	.138	.030	.187	.162	.250	.234
1965	Oct.	166,800	116,600	514	.129	.035	.187	.163	.243	.243
1965	Nov.	137,400	109,300	585	.121	.034	.196	.149	.258	.242
1965	Dec.	138,000	104,000	554	.120	.036	.195	.152	.254	.243
1966	Jan.	114,000	95,580	617	.112	.036	.203	.140	.267	.242
1966	Feb.	98,900	82,850	616	.110	.037	.204	.139	.267	.242
1966	Mar.	132,600	103,000	571	.118	.036	.197	.149	.257	.243
1966	Apr.	141,400	95,020	494	.123	.040	.188	.162	.241	.246
1966	May	373,100	147,200	290	.167	.040	.143	.231	.177	.241
1966	June	276,600	131,600	350	.154	.039	.158	.207	.199	.243
1966	July	157,100	112,200	525	.126	.036	.189	.159	.246	.243
1966	Aug.	118,900	103,500	640	.113	.034	.204	.139	.270	.240
1966	Sept.	101,200	96,240	700	.108	.033	.211	.130	.281	.238
1966	Oct.	108,500	105,600	716	.111	.030	.204	.129	.288	.237
1966	Nov.	92,870	100,800	798	.107	.028	.208	.120	.301	.235
1966	Dec.	85,250	103,000	888	.103	.027	.212	.112	.314	.232
1967	Jan.	85,770	93,040	798	.101	.027	.214	.117	.302	.239
1967	Feb.	73,770	76,050	758	.098	.027	.217	.118	.296	.243
1967	Mar.	105,700	95,960	668	.108	.030	.206	.132	.281	.242
1967	Apr.	137,600	93,660	501	.118	.035	.195	.157	.249	.247
1967	May	328,500	136,300	305	.155	.047	.157	.213	.201	.227
1967	June	542,700	177,800	241	.180	.055	.132	.253	.164	.217
1967	July	289,000	142,400	362	.151	.044	.162	.200	.211	.232
1967	Aug.	136,700	111,800	602	.120	.033	.195	.145	.268	.239
1967	Sept.	125,500	109,100	639	.119	.032	.197	.140	.275	.237
1967	Oct.	115,000	103,300	660	.113	.032	.202	.136	.276	.241

1967	Nov.	103,800	96,320	683	.110	.031	.205	.132	.280	.241
1967	Dec.	99,990	98,660	726	.107	.030	.208	.127	.288	.240
1968	Jan.	89,260	95,570	787	.103	.029	.212	.119	.297	.239
1968	Feb.	87,630	84,510	709	.105	.030	.210	.126	.285	.243
1968	Mar.	95,740	95,190	731	.106	.030	.209	.125	.289	.241
1968	Apr.	132,700	99,260	550	.120	.035	.194	.152	.255	.243
1968	May	326,000	143,700	324	.153	.044	.156	.217	.197	.232
1968	June	757,300	213,500	207	.187	.052	.118	.287	.145	.210
1968	July	257,100	141,400	405	.144	.040	.168	.192	.220	.236
1968	Aug.	223,700	143,200	471	.139	.038	.174	.178	.235	.236
1968	Sept.	124,800	106,000	625	.117	.033	.197	.143	.269	.241
1968	Oct.	128,000	109,200	627	.117	.032	.198	.141	.268	.244
1968	Nov.	113,100	99,250	645	.114	.031	.202	.136	.272	.244
1968	Dec.	104,000	99,730	705	.110	.030	.206	.128	.282	.244
1969	Jan.	106,200	95,180	659	.111	.030	.206	.133	.276	.244
1969	Feb.	85,930	81,920	701	.107	.029	.210	.126	.284	.243
1969	Mar.	96,300	88,190	673	.108	.029	.210	.128	.281	.243
1969	Apr.	241,500	130,100	396	.143	.039	.170	.191	.218	.239
1969	May	560,900	181,600	238	.175	.047	.133	.261	.161	.223
1969	June	502,000	188,400	276	.171	.046	.137	.246	.172	.228
1969	July	354,700	158,800	329	.157	.042	.154	.217	.195	.234
1969	Aug.	152,200	115,600	558	.124	.034	.191	.153	.255	.244
1969	Sept.	130,800	110,000	618	.119	.032	.195	.143	.265	.245
1969	Oct.	172,800	132,400	564	.127	.033	.190	.151	.246	.252
1969	Nov.	130,700	108,300	609	.120	.032	.199	.141	.259	.249
1969	Dec.	120,800	121,500	740	.113	.030	.205	.124	.273	.255
1970	Jan.	105,000	96,860	678	.112	.031	.209	.128	.275	.246
1970	Feb.	95,010	83,370	645	.113	.031	.208	.132	.272	.244
1970	Mar.	116,100	93,550	593	.117	.032	.204	.140	.264	.243
1970	Apr.	154,100	96,120	459	.129	.034	.190	.165	.242	.240
1970	May	835,900	221,200	195	.182	.042	.122	.291	.143	.221
1970	June	833,500	220,100	194	.183	.042	.120	.294	.140	.221
1970	July	362,600	160,600	326	.154	.038	.158	.215	.195	.240
1970	Aug.	167,400	123,700	543	.127	.033	.191	.154	.246	.250
1970	Sept.	182,300	129,700	523	.130	.034	.186	.159	.239	.251
1970	Oct.	170,800	127,900	551	.128	.030	.193	.147	.244	.258
1970	Nov.	153,700	116,500	557	.126	.030	.196	.145	.248	.255
1970	Dec.	140,000	115,700	608	.121	.029	.201	.137	.257	.256
1971	Jan.	138,200	110,100	586	.121	.030	.201	.139	.256	.253
1971	Feb.	111,500	91,360	602	.117	.030	.206	.136	.262	.249
1971	Mar.	149,500	107,400	528	.124	.031	.199	.148	.250	.249
1971	Apr.	292,500	137,600	346	.149	.035	.170	.195	.204	.248
1971	May	521,000	163,100	230	.169	.038	.145	.247	.166	.235
1971	June	884,600	213,200	177	.186	.039	.123	.286	.137	.229
1971	July	451,100	181,000	295	.162	.035	.153	.217	.182	.250
1971	Aug.	178,900	125,300	515	.130	.031	.191	.153	.240	.255
1971	Sept.	170,400	126,700	546	.129	.030	.191	.148	.242	.259
1971	Oct.	150,500	114,200	558	.123	.030	.199	.144	.252	.252
1971	Nov.	137,400	104,400	559	.122	.030	.200	.142	.254	.252
1971	Dec.	128,700	98,690	564	.119	.030	.202	.138	.260	.250
1972	Jan.	127,000	97,440	564	.119	.030	.202	.138	.260	.250
1972	Feb.	119,100	100,400	620	.117	.029	.205	.133	.265	.251
1972	Mar.	151,100	118,100	575	.123	.030	.200	.142	.253	.253
1972	Apr.	174,700	112,500	473	.131	.032	.191	.159	.236	.251

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 10. 09095500 Colorado River near Cameo, Colo., water years 1934 through 1983--Continued										
1972	May	394,100	153,000	286	0.157	0.038	0.162	0.218	0.182	0.244
1972	June	663,700	191,100	212	.176	.041	.140	.264	.146	.234
1972	July	219,400	129,300	433	.136	.033	.186	.169	.225	.251
1972	Aug.	142,500	117,900	608	.120	.029	.202	.137	.259	.253
1972	Sept.	149,700	117,000	575	.124	.030	.199	.142	.252	.253
1972	Oct.	163,600	121,500	546	.126	.030	.196	.148	.246	.253
1972	Nov.	152,100	109,800	531	.125	.031	.196	.150	.245	.254
1972	Dec.	127,700	99,400	572	.119	.030	.201	.140	.257	.253
1973	Jan.	116,400	95,770	605	.115	.029	.204	.134	.264	.252
1973	Feb.	104,800	82,220	577	.116	.030	.203	.138	.261	.253
1973	Mar.	124,700	98,790	583	.118	.030	.202	.138	.259	.253
1973	Apr.	121,300	95,490	579	.118	.030	.202	.139	.258	.253
1973	May	592,100	187,300	233	.171	.040	.146	.247	.154	.242
1973	June	828,400	220,900	196	.184	.042	.132	.276	.131	.236
1973	July	564,800	172,300	224	.171	.041	.144	.251	.150	.243
1973	Aug.	207,000	122,400	435	.135	.033	.185	.170	.222	.254
1973	Sept.	142,600	112,000	577	.122	.030	.200	.142	.254	.253
1973	Oct.	148,800	115,700	572	.122	.031	.202	.146	.253	.246
1973	Nov.	141,400	109,400	569	.122	.031	.202	.146	.253	.246
1973	Dec.	126,100	105,900	617	.117	.030	.207	.138	.264	.245
1974	Jan.	122,400	93,570	562	.119	.031	.202	.146	.253	.248
1974	Feb.	108,700	87,700	593	.117	.030	.205	.141	.260	.246
1974	Mar.	152,000	115,300	558	.123	.031	.201	.148	.251	.246
1974	Apr.	185,000	118,600	471	.133	.033	.191	.166	.230	.247
1974	May	709,400	178,100	185	.178	.044	.130	.287	.127	.233
1974	June	657,800	184,900	207	.176	.043	.137	.272	.136	.236
1974	July	286,200	146,900	377	.146	.036	.177	.192	.203	.247
1974	Aug.	160,800	113,800	521	.126	.032	.197	.155	.242	.247
1974	Sept.	128,100	103,300	593	.119	.030	.205	.142	.259	.245
1974	Oct.	136,100	111,300	601	.120	.030	.205	.142	.255	.248
1974	Nov.	126,500	106,400	619	.118	.030	.206	.139	.259	.248
1974	Dec.	115,100	106,100	678	.114	.029	.212	.131	.269	.245
1975	Jan.	108,800	95,720	647	.110	.030	.214	.136	.264	.245
1975	Feb.	97,910	84,990	638	.110	.031	.214	.137	.262	.245
1975	Mar.	124,200	110,300	653	.117	.029	.209	.134	.265	.247
1975	Apr.	154,100	114,800	548	.125	.031	.199	.149	.247	.249
1975	May	389,300	164,600	311	.160	.036	.159	.208	.184	.253
1975	June	739,300	206,600	205	.182	.040	.129	.261	.141	.248
1975	July	561,200	194,200	255	.173	.038	.143	.233	.162	.252
1975	Aug.	198,800	124,000	458	.132	.034	.188	.169	.224	.252

1975	Sept.	140,900	110,100	575	.122	.031	.202	.146	.250	.249
1975	Oct.	140,400	114,200	598	.121	.030	.204	.141	.256	.247
1975	Nov.	133,300	105,100	580	.120	.029	.207	.142	.261	.241
1975	Dec.	120,000	99,460	609	.114	.028	.215	.135	.274	.233
1976	Jan.	115,300	94,210	601	.112	.028	.219	.134	.281	.227
1976	Feb.	114,000	93,770	605	.115	.028	.214	.136	.273	.234
1976	Mar.	139,000	115,000	608	.121	.030	.204	.140	.256	.249
1976	Apr.	161,100	111,700	510	.126	.031	.199	.154	.246	.244
1976	May	400,900	162,800	299	.158	.038	.179	.212	.179	.257
1976	June	450,400	154,600	252	.161	.038	.154	.229	.172	.246
1976	July	213,300	124,000	427	.134	.033	.189	.170	.229	.245
1976	Aug.	149,000	119,500	590	.124	.031	.200	.144	.249	.253
1976	Sept.	136,100	109,500	591	.121	.030	.205	.142	.257	.246
1976	Oct.	138,400	114,300	607	.123	.030	.201	.140	.255	.252
1976	Nov.	115,700	102,400	651	.118	.029	.207	.133	.267	.246
1976	Dec.	111,400	114,500	756	.114	.028	.210	.126	.262	.260
1977	Jan.	105,400	99,200	692	.114	.028	.213	.127	.278	.240
1977	Feb.	85,830	84,380	723	.111	.027	.218	.122	.287	.234
1977	Mar.	79,960	87,640	806	.105	.026	.226	.114	.300	.230
1977	Apr.	109,500	94,500	634	.116	.028	.211	.132	.277	.236
1977	May	156,000	105,800	499	.128	.030	.196	.152	.257	.237
1977	June	176,100	110,800	463	.134	.031	.187	.161	.242	.245
1977	July	112,400	90,160	590	.117	.028	.211	.135	.284	.225
1977	Aug.	108,300	90,370	614	.116	.028	.213	.132	.286	.226
1977	Sept.	103,200	89,120	635	.115	.028	.213	.130	.285	.229
1977	Oct.	97,690	93,200	702	.111	.027	.213	.122	.292	.234
1977	Nov.	82,890	90,760	805	.108	.026	.210	.117	.297	.242
1977	Dec.	86,280	89,220	760	.107	.026	.217	.116	.302	.232
1978	Jan.	79,900	79,200	729	.103	.025	.232	.109	.319	.213
1978	Feb.	73,530	69,170	692	.102	.025	.237	.109	.322	.206
1978	Mar.	96,180	88,000	673	.110	.027	.221	.120	.299	.224
1978	Apr.	172,100	112,500	481	.133	.032	.192	.159	.241	.243
1978	May	431,500	181,300	309	.166	.039	.140	.227	.161	.268
1978	June	846,600	221,100	192	.188	.043	.120	.277	.123	.251
1978	July	359,700	147,500	301	.158	.037	.167	.205	.190	.243
1978	Aug.	135,000	99,620	542	.122	.029	.209	.140	.270	.229
1978	Sept.	109,000	92,060	621	.116	.028	.213	.130	.283	.230
1978	Oct.	108,500	93,660	635	.116	.029	.213	.130	.280	.232
1978	Nov.	110,700	95,090	632	.118	.030	.207	.135	.273	.238
1978	Dec.	91,700	90,510	726	.110	.028	.212	.122	.292	.235
1979	Jan.	82,930	82,140	728	.106	.027	.225	.115	.306	.221
1979	Feb.	84,720	78,880	685	.110	.028	.219	.122	.294	.226
1979	Mar.	112,900	101,200	659	.118	.029	.201	.135	.271	.245
1979	Apr.	172,000	111,500	477	.133	.033	.192	.161	.237	.243
1979	May	606,600	214,700	260	.173	.039	.124	.257	.137	.271
1979	June	895,400	232,800	191	.187	.044	.119	.286	.114	.250
1979	July	516,700	183,800	262	.170	.041	.144	.239	.153	.253
1979	Aug.	178,400	121,600	501	.134	.033	.185	.163	.232	.252
1979	Sept.	124,800	103,300	608	.123	.031	.197	.143	.260	.247
1979	Oct.	132,000	108,300	603	.121	.030	.196	.143	.261	.249
1979	Nov.	126,600	104,400	606	.121	.030	.196	.143	.262	.249
1979	Dec.	121,200	104,100	632	.118	.029	.199	.138	.270	.246
1980	Jan.	110,900	100,500	666	.114	.028	.202	.133	.279	.244
1980	Feb.	112,700	97,180	634	.117	.029	.199	.138	.271	.246

Table 7.---Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 10. 09095500 Colorado River near Cameo, Colo., water years 1934 through 1983--Continued										
1980	Mar.	124,700	105,800	624	0.119	0.029	0.197	0.140	0.267	0.248
1980	Apr.	188,500	120,600	471	.134	.033	.183	.168	.228	.254
1980	May	640,800	205,400	236	.175	.043	.137	.255	.131	.258
1980	June	884,700	219,200	182	.184	.046	.134	.277	.112	.246
1980	July	329,700	145,000	323	.149	.038	.180	.198	.188	.247
1980	Aug.	146,400	110,700	556	.123	.031	.198	.148	.253	.247
1980	Sept.	122,100	102,000	614	.119	.030	.199	.140	.266	.246
1980	Oct.	115,400	102,200	652	.112	.029	.212	.137	.270	.241
1980	Nov.	106,100	97,120	673	.110	.029	.213	.134	.274	.240
1980	Dec.	100,600	92,380	675	.110	.028	.211	.130	.291	.231
1981	Jan.	84,180	85,400	746	.104	.026	.214	.119	.310	.227
1981	Feb.	65,790	74,770	836	.097	.025	.221	.111	.319	.228
1981	Mar.	73,370	88,180	884	.093	.025	.227	.110	.306	.238
1981	Apr.	111,900	93,780	616	.114	.029	.208	.137	.279	.233
1981	May	200,400	107,100	393	.147	.033	.179	.178	.245	.219
1981	June	327,200	126,400	284	.169	.037	.162	.216	.199	.217
1981	July	147,700	108,300	539	.124	.031	.200	.154	.253	.237
1981	Aug.	107,300	90,840	622	.116	.028	.205	.134	.292	.226
1981	Sept.	110,700	90,590	602	.118	.029	.203	.138	.285	.227
1981	Oct.	116,300	93,580	592	.114	.029	.212	.147	.254	.244
1981	Nov.	96,800	83,090	631	.109	.028	.218	.137	.264	.244
1981	Dec.	87,670	81,650	685	.104	.027	.223	.130	.274	.242
1982	Jan.	94,040	83,290	651	.107	.028	.220	.133	.269	.243
1982	Feb.	75,250	67,560	660	.107	.026	.223	.125	.275	.243
1982	Mar.	97,190	84,350	638	.109	.028	.219	.135	.266	.243
1982	Apr.	135,800	88,350	479	.128	.030	.202	.155	.238	.247
1982	May	421,600	150,500	263	.171	.039	.152	.235	.162	.240
1982	June	686,900	180,400	193	.195	.042	.128	.275	.130	.231
1982	July	410,400	142,600	256	.174	.038	.152	.231	.163	.241
1982	Aug.	208,600	113,000	398	.142	.034	.184	.184	.209	.248
1982	Sept.	177,300	110,200	457	.131	.033	.192	.176	.221	.246
1982	Oct.	172,300	117,700	502	.124	.033	.198	.171	.227	.247
1982	Nov.	147,300	110,900	554	.117	.032	.203	.163	.240	.245
1982	Dec.	116,700	101,000	636	.108	.030	.211	.146	.263	.241
1983	Jan.	104,300	86,370	609	.112	.029	.211	.140	.264	.243
1983	Feb.	94,420	80,600	628	.110	.029	.212	.140	.266	.243
1983	Mar.	110,500	90,120	600	.113	.029	.210	.143	.260	.244
1983	Apr.	131,800	97,000	541	.119	.031	.204	.156	.244	.246
1983	May	540,100	209,100	285	.155	.043	.155	.261	.148	.237
1983	June	1,415,000	336,100	175	.184	.048	.118	.337	.093	.220

Site 11. 09105000 Plateau Creek near Cameo, Colo., water years 1969 through 1979.									
	1983	July	1,001,000	263,400	194	.182	.045	.130	.304
	1983	Aug.	402,000	178,600	327	.151	.040	.167	.233
	1983	Sept.	164,000	112,600	505	.123	.033	.199	.169
									.230
									.246
1968	Oct.	7,934	4,640	430	.121	.078	.153	.432	.022
1968	Nov.	6,555	4,135	464	.116	.079	.155	.426	.022
1968	Dec.	5,316	3,777	522	.110	.081	.159	.417	.023
1969	Jan.	5,332	3,786	522	.110	.081	.159	.417	.023
1969	Feb.	5,054	3,501	509	.111	.081	.158	.419	.023
1969	Mar.	6,317	4,116	479	.114	.080	.157	.424	.022
1969	Apr.	22,150	7,557	251	.155	.069	.135	.467	.020
1969	May	26,780	8,631	237	.160	.067	.133	.473	.020
1969	June	27,390	8,078	217	.163	.067	.131	.472	.020
1969	July	9,604	4,903	375	.127	.076	.150	.438	.022
1969	Aug.	5,601	3,863	507	.111	.081	.158	.419	.023
1969	Sept.	8,146	4,613	416	.123	.078	.152	.434	.022
1969	Oct.	12,540	5,852	343	.135	.074	.145	.449	.021
1969	Nov.	8,271	4,656	414	.123	.077	.152	.435	.022
1969	Dec.	7,121	4,395	454	.118	.079	.155	.428	.022
1970	Jan.	6,595	4,225	471	.116	.080	.156	.425	.022
1970	Feb.	6,280	3,911	458	.117	.079	.155	.427	.022
1970	Mar.	7,517	4,508	441	.119	.079	.154	.430	.022
1970	Apr.	9,545	4,915	379	.128	.076	.149	.440	.022
1970	May	55,600	12,310	163	.187	.061	.120	.491	.018
1970	June	29,400	8,604	215	.165	.066	.130	.475	.019
1970	July	7,936	4,587	425	.121	.078	.153	.432	.022
1970	Aug.	5,911	3,983	496	.112	.081	.158	.421	.022
1970	Sept.	12,480	5,534	326	.136	.074	.145	.448	.021
1970	Oct.	11,160	5,458	360	.135	.072	.147	.432	.023
1970	Nov.	9,176	4,915	394	.131	.073	.150	.426	.023
1970	Dec.	6,734	4,338	474	.121	.076	.156	.413	.023
1971	Jan.	6,607	4,300	479	.121	.076	.156	.412	.023
1971	Feb.	5,538	3,755	499	.119	.077	.158	.409	.023
1971	Mar.	9,142	4,898	394	.129	.074	.151	.424	.023
1971	Apr.	20,630	7,089	253	.154	.067	.136	.454	.022
1971	May	31,450	8,797	206	.167	.064	.129	.466	.021
1971	June	28,320	8,153	212	.164	.065	.130	.464	.021
1971	July	6,351	4,189	485	.120	.076	.157	.410	.023
1971	Aug.	5,617	3,977	521	.116	.077	.159	.406	.023
1971	Sept.	8,547	4,747	408	.129	.074	.151	.423	.023
1971	Oct.	9,459	5,934	461	.133	.077	.146	.436	.023
1971	Nov.	8,386	5,733	503	.130	.079	.148	.437	.022
1971	Dec.	8,297	5,034	446	.132	.075	.149	.421	.023
1972	Jan.	7,133	4,194	432	.129	.073	.152	.404	.023
1972	Feb.	6,101	3,697	446	.127	.073	.154	.399	.023
1972	Mar.	7,726	3,818	363	.133	.069	.150	.392	.024
1972	Apr.	8,856	3,263	271	.142	.062	.145	.375	.026
1972	May	11,360	4,513	292	.145	.066	.142	.402	.025
1972	June	8,077	4,000	364	.135	.070	.148	.399	.024
1972	July	4,401	2,965	495	.117	.073	.161	.375	.023
1972	Aug.	4,130	2,876	512	.115	.073	.163	.373	.023

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 11. 09105000 Plateau Creek near Cameo, Colo., water years 1969 through 1979--Continued										
1972	Sept.	6,127	3,767	452	0.126	0.074	0.154	0.401	0.023	0.222
1972	Oct.	8,537	5,466	471	.136	.077	.141	.412	.023	.212
1972	Nov.	6,774	4,258	462	.129	.075	.149	.401	.022	.224
1972	Dec.	5,939	3,656	453	.123	.074	.156	.393	.021	.234
1973	Jan.	5,855	3,510	441	.123	.073	.157	.391	.021	.235
1973	Feb.	4,796	3,186	489	.120	.075	.158	.389	.021	.238
1973	Mar.	7,051	4,138	432	.129	.073	.150	.401	.022	.225
1973	Apr.	11,950	5,535	341	.149	.071	.134	.423	.024	.199
1973	May	59,070	13,280	165	.208	.058	.100	.467	.027	.141
1973	June	76,790	19,210	184	.214	.061	.091	.474	.028	.131
1973	July	14,280	8,471	436	.153	.077	.125	.433	.025	.188
1973	Aug.	8,029	4,753	435	.133	.074	.145	.407	.022	.218
1973	Sept.	7,266	3,859	391	.131	.071	.151	.401	.022	.224
1973	Oct.	8,936	6,172	508	.128	.082	.141	.408	.024	.216
1973	Nov.	7,309	4,209	423	.132	.075	.152	.406	.022	.214
1973	Dec.	7,014	5,468	573	.121	.083	.147	.399	.024	.227
1974	Jan.	6,357	4,098	474	.126	.075	.155	.400	.022	.221
1974	Feb.	4,649	3,221	509	.121	.076	.160	.392	.021	.230
1974	Mar.	9,461	5,781	449	.134	.078	.143	.412	.023	.210
1974	Apr.	14,510	7,903	400	.145	.079	.130	.429	.025	.192
1974	May	24,740	10,330	307	.162	.076	.119	.446	.026	.171
1974	June	6,809	2,682	290	.145	.062	.163	.411	.019	.199
1974	July	5,177	3,180	452	.126	.072	.162	.396	.021	.223
1974	Aug.	4,532	3,290	534	.118	.076	.163	.388	.021	.235
1974	Sept.	4,290	2,632	451	.123	.071	.168	.390	.020	.228
1974	Oct.	5,498	2,778	372	.130	.070	.149	.407	.018	.226
1974	Nov.	6,341	3,910	453	.127	.075	.153	.407	.021	.216
1974	Dec.	5,282	3,005	418	.126	.072	.152	.404	.019	.226
1975	Jan.	4,177	2,648	466	.119	.073	.157	.396	.019	.237
1975	Feb.	4,546	3,097	501	.121	.076	.157	.399	.020	.227
1975	Mar.	5,556	3,261	432	.126	.073	.153	.404	.019	.224
1975	Apr.	10,500	4,704	330	.144	.071	.143	.422	.020	.200
1975	May	34,050	8,537	184	.183	.063	.121	.453	.020	.159
1975	June	43,130	9,469	162	.193	.061	.116	.459	.020	.151
1975	July	14,430	5,729	292	.153	.069	.137	.431	.020	.189
1975	Aug.	6,101	3,863	466	.126	.075	.154	.405	.020	.220
1975	Sept.	7,218	4,106	418	.132	.074	.150	.411	.020	.212
1975	Oct.	7,950	4,231	391	.133	.073	.150	.415	.021	.208
1975	Nov.	5,982	3,402	418	.125	.074	.155	.410	.022	.214
1975	Dec.	6,022	3,451	421	.125	.074	.155	.410	.022	.215

1976	Jan.	5,336	3,160	436	.121	.074	.158	.407	.022	.218
1976	Feb.	5,687	3,250	420	.125	.074	.155	.410	.022	.215
1976	Mar.	5,496	3,217	430	.122	.074	.157	.408	.022	.217
1976	Apr.	8,573	4,413	379	.136	.072	.148	.418	.021	.205
1976	May	18,600	7,864	311	.160	.069	.133	.430	.021	.187
1976	June	9,931	4,898	363	.141	.071	.145	.420	.021	.201
1976	July	4,163	2,622	463	.115	.075	.162	.402	.022	.224
1976	Aug.	4,473	2,774	456	.117	.075	.161	.404	.022	.222
1976	Sept.	4,576	2,793	449	.118	.075	.160	.405	.022	.221
1976	Oct.	6,028	3,461	422	.128	.073	.150	.409	.020	.221
1976	Nov.	5,556	3,208	425	.127	.073	.151	.408	.020	.221
1976	Dec.	3,102	2,024	480	.110	.076	.165	.395	.021	.233
1977	Jan.	3,215	2,083	476	.111	.076	.164	.396	.021	.232
1977	Feb.	3,277	2,074	466	.114	.075	.161	.399	.021	.230
1977	Mar.	3,669	2,316	464	.114	.075	.161	.399	.021	.230
1977	Apr.	4,332	2,620	445	.120	.074	.156	.403	.021	.226
1977	May	2,077	1,441	510	.102	.077	.173	.387	.022	.239
1977	June	1,180	920	573	.089	.079	.186	.374	.022	.249
1977	July	1,020	822	593	.085	.080	.191	.370	.023	.252
1977	Aug.	822	689	617	.081	.081	.196	.365	.023	.255
1977	Sept.	1,038	805	571	.089	.079	.187	.373	.022	.249
1977	Oct.	1,547	1,115	530	.094	.079	.179	.382	.022	.245
1977	Nov.	2,218	1,527	507	.103	.077	.170	.391	.022	.237
1977	Dec.	3,029	2,014	489	.110	.076	.163	.397	.022	.232
1978	Jan.	2,636	1,785	498	.106	.077	.167	.394	.022	.235
1978	Feb.	2,374	1,607	498	.106	.077	.167	.394	.022	.235
1978	Mar.	4,056	2,598	471	.118	.075	.157	.403	.021	.225
1978	Apr.	11,370	6,384	413	.151	.071	.133	.423	.021	.202
1978	May	23,510	12,070	377	.176	.067	.119	.433	.020	.186
1978	June	20,540	10,670	382	.172	.068	.121	.431	.020	.188
1978	July	5,183	3,208	455	.126	.074	.151	.409	.021	.219
1978	Aug.	3,160	2,089	486	.111	.076	.162	.398	.022	.231
1978	Sept.	4,102	2,611	468	.120	.075	.155	.404	.021	.224
1978	Oct.	5,193	3,224	457	.125	.074	.151	.408	.021	.220
1978	Nov.	5,609	3,444	451	.128	.074	.149	.410	.021	.218
1978	Dec.	4,639	2,927	464	.122	.075	.154	.406	.021	.223
1979	Jan.	2,872	1,923	492	.109	.077	.165	.396	.022	.233
1979	Feb.	2,517	1,692	494	.108	.077	.165	.395	.022	.233
1979	Mar.	4,854	3,042	461	.123	.075	.153	.407	.021	.221
1979	Apr.	15,430	8,260	394	.164	.069	.126	.428	.020	.194
1979	May	38,380	18,470	354	.196	.064	.109	.437	.019	.175
1979	June	45,400	21,440	347	.202	.064	.106	.439	.019	.171
1979	July	13,630	7,410	400	.159	.069	.128	.426	.020	.196
1979	Aug.	5,881	3,606	451	.128	.074	.149	.411	.021	.218
1979	Sept.	5,113	3,178	457	.125	.074	.151	.408	.021	.220

Site 12. 09149500 Uncompahgre River at Delta, Colo., water years 1959 through 1980.

1958	Oct.	23,990	39,600	1,210	.148	.045	.109	.089	.011	.597
1958	Nov.	22,210	36,840	1,220	.148	.045	.109	.089	.011	.598
1958	Dec.	10,340	23,450	1,670	.146	.045	.109	.076	.011	.613
1959	Jan.	7,781	19,650	1,860	.145	.044	.109	.072	.011	.619
1959	Feb.	6,438	16,770	1,920	.145	.044	.109	.071	.011	.620

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 12. 09149500 Uncompahgre River at Delta, Colo., water years 1959 through 1980--Continued											
1959	Mar.	6,220	16,570	1,960	0.144	0.044	0.109	0.070	0.011	0.622	
1959	Apr.	7,444	18,510	1,830	.145	.044	.109	.072	.011	.618	
1959	May	9,745	22,510	1,700	.146	.045	.109	.075	.011	.614	
1959	June	24,600	39,330	1,180	.148	.045	.109	.091	.011	.596	
1959	July	8,025	19,980	1,830	.145	.044	.109	.072	.011	.618	
1959	Aug.	14,060	28,220	1,480	.147	.045	.109	.081	.011	.607	
1959	Sept.	13,980	27,570	1,450	.147	.045	.109	.081	.011	.607	
1959	Oct.	29,890	45,470	1,120	.149	.045	.109	.093	.011	.593	
1959	Nov.	15,760	29,630	1,380	.147	.045	.109	.083	.011	.604	
1959	Dec.	9,245	21,900	1,740	.145	.045	.109	.074	.011	.615	
1960	Jan.	7,490	19,190	1,880	.145	.044	.109	.071	.011	.619	
1960	Feb.	6,714	17,480	1,910	.145	.044	.109	.071	.011	.620	
1960	Mar.	13,420	27,240	1,490	.146	.045	.109	.080	.011	.608	
1960	Apr.	22,030	35,980	1,200	.148	.045	.109	.089	.011	.597	
1960	May	12,990	26,260	1,490	.146	.045	.109	.080	.011	.608	
1960	June	31,840	46,350	1,070	.149	.045	.109	.095	.012	.591	
1960	July	9,608	22,260	1,700	.145	.045	.109	.075	.011	.615	
1960	Aug.	9,049	21,400	1,740	.145	.045	.109	.074	.011	.616	
1960	Sept.	13,190	26,560	1,480	.147	.045	.109	.081	.011	.608	
1960	Oct.	25,510	41,870	1,210	.147	.045	.110	.089	.011	.597	
1960	Nov.	17,490	32,380	1,360	.146	.045	.110	.084	.011	.604	
1960	Dec.	9,630	22,710	1,730	.144	.044	.111	.075	.011	.617	
1961	Jan.	8,523	21,030	1,810	.144	.044	.111	.073	.011	.617	
1961	Feb.	6,855	17,630	1,890	.144	.044	.111	.071	.011	.619	
1961	Mar.	7,704	19,490	1,860	.144	.044	.111	.072	.011	.619	
1961	Apr.	13,720	27,130	1,450	.146	.045	.110	.081	.011	.608	
1961	May	21,320	36,240	1,250	.147	.045	.110	.087	.011	.600	
1961	June	28,070	43,620	1,140	.148	.045	.110	.092	.011	.595	
1961	July	8,595	21,090	1,800	.144	.044	.111	.073	.011	.617	
1961	Aug.	13,670	28,050	1,510	.145	.045	.110	.080	.011	.609	
1961	Sept.	56,160	68,680	899	.149	.046	.109	.103	.012	.582	
1961	Oct.	21,690	40,510	1,370	.150	.043	.109	.083	.011	.605	
1961	Nov.	12,940	29,740	1,690	.144	.043	.113	.074	.011	.615	
1961	Dec.	8,930	24,300	2,000	.140	.042	.117	.067	.011	.622	
1962	Jan.	7,662	22,200	2,130	.138	.042	.118	.065	.012	.625	
1962	Feb.	8,448	22,320	1,940	.141	.042	.116	.068	.011	.621	
1962	Mar.	4,979	16,850	2,490	.134	.042	.122	.059	.012	.632	
1962	Apr.	19,840	35,830	1,330	.149	.043	.109	.083	.011	.605	
1962	May	30,060	47,470	1,160	.153	.043	.106	.090	.010	.597	
1962	June	31,220	49,670	1,170	.154	.043	.105	.090	.010	.597	

1962	July	14,850	32,420	1,610	.146	.043	.112	.076	.011	.613
1962	Aug.	10,990	27,510	1,840	.142	.042	.115	.070	.011	.619
1962	Sept.	17,700	35,470	1,470	.148	.043	.110	.079	.011	.608
1962	Oct.	22,530	44,750	1,460	.158	.044	.096	.087	.011	.604
1962	Nov.	16,220	35,210	1,600	.153	.044	.100	.081	.011	.611
1962	Dec.	7,446	20,940	2,070	.139	.044	.112	.066	.012	.627
1963	Jan.	7,684	20,720	1,980	.140	.044	.111	.068	.012	.624
1963	Feb.	10,480	25,040	1,760	.147	.044	.105	.075	.011	.617
1963	Mar.	8,311	21,920	1,940	.142	.044	.110	.069	.012	.623
1963	Apr.	7,081	20,120	2,090	.138	.044	.113	.065	.012	.627
1963	May	8,688	23,470	1,990	.141	.044	.110	.068	.012	.624
1963	June	10,180	25,830	1,870	.145	.044	.107	.072	.011	.621
1963	July	9,844	25,290	1,890	.144	.044	.108	.071	.011	.621
1963	Aug.	16,610	35,270	1,560	.153	.044	.100	.082	.011	.609
1963	Sept.	18,650	38,280	1,510	.156	.044	.098	.085	.011	.607
1963	Oct.	20,370	39,240	1,420	.156	.045	.098	.086	.011	.604
1963	Nov.	15,180	33,190	1,610	.150	.045	.102	.079	.011	.612
1963	Dec.	8,503	23,340	2,020	.138	.046	.112	.067	.012	.625
1964	Jan.	7,698	21,880	2,090	.136	.046	.114	.065	.012	.627
1964	Feb.	6,238	18,630	2,200	.133	.046	.116	.063	.012	.629
1964	Mar.	8,678	23,130	1,960	.139	.045	.112	.068	.012	.624
1964	Apr.	13,910	31,500	1,670	.148	.045	.104	.077	.011	.614
1964	May	31,910	54,200	1,250	.165	.045	.091	.094	.010	.595
1964	June	32,960	55,650	1,240	.165	.045	.091	.095	.010	.594
1964	July	12,950	30,450	1,730	.146	.045	.105	.075	.011	.617
1964	Aug.	29,750	51,480	1,270	.163	.045	.092	.093	.010	.596
1964	Sept.	17,560	36,100	1,510	.153	.045	.100	.083	.011	.608
1964	Oct.	16,560	33,870	1,500	.146	.048	.102	.083	.011	.611
1964	Nov.	17,380	34,350	1,450	.148	.048	.101	.084	.011	.609
1964	Dec.	12,300	27,950	1,670	.141	.048	.105	.078	.011	.617
1965	Jan.	9,509	23,830	1,840	.137	.049	.108	.073	.012	.622
1965	Feb.	7,533	19,780	1,930	.135	.049	.110	.071	.012	.624
1965	Mar.	5,831	17,460	2,200	.129	.049	.114	.066	.012	.630
1965	Apr.	21,470	37,900	1,300	.153	.047	.098	.089	.011	.602
1965	May	40,270	58,260	1,060	.163	.046	.091	.100	.010	.589
1965	June	42,320	60,290	1,050	.164	.046	.091	.101	.010	.588
1965	July	45,940	64,260	1,030	.165	.046	.090	.102	.010	.587
1965	Aug.	17,340	33,680	1,430	.148	.047	.101	.085	.011	.608
1965	Sept.	32,680	51,100	1,150	.159	.046	.094	.096	.011	.594
1965	Oct.	27,410	44,980	1,210	.150	.048	.099	.094	.011	.598
1965	Nov.	14,490	29,330	1,490	.142	.049	.104	.083	.011	.610
1965	Dec.	12,260	26,440	1,590	.140	.050	.106	.080	.011	.613
1966	Jan.	8,721	21,070	1,780	.136	.050	.108	.075	.011	.619
1966	Feb.	6,200	16,220	1,920	.134	.050	.110	.071	.012	.623
1966	Mar.	12,830	26,390	1,510	.141	.049	.105	.082	.011	.611
1966	Apr.	19,790	35,840	1,330	.146	.049	.102	.089	.011	.604
1966	May	24,070	41,410	1,260	.148	.049	.100	.091	.011	.600
1966	June	18,220	34,070	1,370	.145	.049	.102	.087	.011	.605
1966	July	10,700	24,030	1,650	.139	.050	.107	.078	.011	.615
1966	Aug.	7,412	18,900	1,870	.135	.050	.110	.072	.012	.622
1966	Sept.	14,870	29,850	1,480	.143	.049	.104	.083	.011	.609
1966	Oct.	16,220	30,170	1,370	.143	.050	.103	.088	.012	.604
1966	Nov.	7,672	19,220	1,840	.137	.049	.107	.075	.011	.620
1966	Dec.	10,220	22,930	1,650	.139	.049	.106	.080	.011	.614

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 12. 09149500 Uncompahgre River at Delta, Colo., water years 1959 through 1980--Continued											
1967	Jan.	7,615	19,370	1,870	0.137	0.049	0.107	0.075	0.011	0.621	
1967	Feb.	6,056	16,220	1,970	.136	.049	.108	.073	.011	.623	
1967	Mar.	7,956	19,440	1,800	.138	.049	.107	.076	.011	.619	
1967	Apr.	4,677	13,930	2,190	.134	.048	.110	.068	.011	.629	
1967	May	16,930	29,380	1,280	.143	.050	.103	.091	.012	.602	
1967	June	30,090	43,050	1,050	.148	.050	.100	.102	.012	.589	
1967	July	11,340	23,670	1,530	.140	.049	.105	.082	.011	.611	
1967	Aug.	15,330	28,000	1,340	.143	.050	.103	.088	.012	.604	
1967	Sept.	20,540	33,940	1,210	.145	.050	.102	.094	.012	.598	
1967	Oct.	21,780	38,330	1,290	.140	.051	.104	.091	.012	.602	
1967	Nov.	10,330	24,530	1,750	.128	.052	.111	.076	.012	.620	
1967	Dec.	9,164	23,280	1,870	.125	.053	.113	.073	.012	.624	
1968	Jan.	8,452	22,210	1,930	.124	.053	.113	.072	.012	.626	
1968	Feb.	7,763	20,550	1,950	.123	.053	.114	.072	.012	.626	
1968	Mar.	12,140	26,670	1,620	.130	.052	.110	.080	.012	.616	
1968	Apr.	8,122	21,250	1,920	.124	.053	.113	.072	.012	.626	
1968	May	30,920	46,200	1,100	.146	.051	.100	.100	.012	.591	
1968	June	38,590	52,020	991	.151	.050	.097	.106	.012	.584	
1968	July	16,700	31,340	1,380	.136	.052	.106	.087	.012	.608	
1968	Aug.	34,200	47,260	1,020	.149	.050	.099	.104	.012	.587	
1968	Sept.	14,970	30,120	1,480	.134	.052	.107	.084	.012	.611	
1968	Oct.	25,540	38,710	1,110	.147	.050	.101	.099	.011	.592	
1968	Nov.	10,520	24,790	1,730	.130	.052	.111	.077	.010	.620	
1968	Dec.	9,281	23,860	1,890	.127	.052	.113	.073	.010	.625	
1969	Jan.	9,231	23,710	1,890	.127	.052	.113	.073	.010	.625	
1969	Feb.	5,960	18,320	2,260	.120	.053	.117	.066	.010	.635	
1969	Mar.	9,517	22,820	1,760	.127	.052	.113	.074	.010	.624	
1969	Apr.	20,450	33,600	1,210	.143	.050	.103	.094	.011	.598	
1969	May	26,700	39,550	1,090	.148	.050	.100	.100	.011	.590	
1969	June	37,560	44,810	877	.156	.049	.095	.112	.012	.575	
1969	July	21,870	34,630	1,160	.144	.050	.103	.095	.011	.597	
1969	Aug.	12,020	26,330	1,610	.132	.052	.110	.079	.010	.617	
1969	Sept.	28,300	39,880	1,040	.150	.050	.099	.103	.012	.587	
1969	Oct.	37,190	46,460	919	.160	.046	.096	.111	.011	.576	
1969	Nov.	15,910	29,370	1,360	.142	.049	.104	.090	.011	.603	
1969	Dec.	11,400	25,220	1,630	.134	.051	.108	.082	.010	.614	
1970	Jan.	9,023	22,330	1,820	.129	.052	.111	.077	.010	.621	
1970	Feb.	7,222	18,900	1,920	.127	.052	.112	.074	.010	.624	
1970	Mar.	5,217	16,650	2,350	.118	.054	.117	.066	.010	.635	
1970	Apr.	17,210	29,450	1,260	.144	.049	.104	.093	.011	.600	

1970	May	40,130	47,550	871	.162	.045	.095	.114	.011	.573
1970	June	43,920	49,860	835	.165	.045	.093	.117	.012	.569
1970	July	20,730	34,070	1,210	.147	.048	.102	.096	.011	.596
1970	Aug.	18,960	32,200	1,250	.145	.048	.103	.094	.011	.599
1970	Sept.	46,560	50,310	795	.166	.044	.093	.119	.012	.566
1970	Oct.	31,710	39,500	916	.158	.046	.096	.110	.011	.578
1970	Nov.	20,070	30,520	1,120	.151	.047	.099	.100	.011	.591
1970	Dec.	10,730	22,800	1,560	.141	.049	.104	.086	.010	.610
1971	Jan.	10,550	22,420	1,560	.141	.049	.104	.085	.010	.611
1971	Feb.	7,573	18,150	1,760	.137	.049	.106	.081	.010	.617
1971	Mar.	10,630	21,430	1,480	.141	.049	.104	.086	.010	.610
1971	Apr.	12,060	23,460	1,430	.143	.048	.103	.089	.010	.606
1971	May	17,640	28,840	1,200	.149	.048	.101	.097	.011	.596
1971	June	35,450	40,480	840	.161	.046	.095	.114	.011	.573
1971	July	14,770	26,510	1,320	.146	.048	.102	.093	.010	.601
1971	Aug.	12,060	23,360	1,420	.143	.048	.103	.089	.010	.607
1971	Sept.	29,230	37,390	941	.157	.046	.096	.109	.011	.580
1971	Oct.	26,630	42,120	1,160	.154	.046	.097	.101	.010	.591
1971	Nov.	14,780	28,290	1,410	.147	.047	.101	.092	.011	.602
1971	Dec.	10,610	22,960	1,590	.142	.048	.103	.087	.011	.609
1972	Jan.	8,466	19,840	1,720	.138	.048	.105	.084	.011	.613
1972	Feb.	7,763	18,260	1,730	.138	.048	.105	.083	.011	.614
1972	Mar.	12,900	25,920	1,480	.144	.047	.102	.090	.011	.605
1972	Apr.	5,520	14,510	1,930	.134	.049	.107	.079	.012	.620
1972	May	10,360	22,100	1,570	.142	.048	.103	.087	.011	.609
1972	June	25,620	40,330	1,160	.154	.046	.097	.101	.010	.591
1972	July	7,958	19,040	1,760	.138	.048	.105	.083	.012	.614
1972	Aug.	7,882	18,920	1,770	.137	.048	.105	.083	.012	.615
1972	Sept.	26,030	40,700	1,150	.155	.046	.097	.101	.010	.590
1972	Oct.	36,090	42,650	869	.159	.047	.106	.112	.010	.566
1972	Nov.	17,790	29,800	1,230	.152	.048	.104	.097	.011	.589
1972	Dec.	12,100	25,240	1,530	.147	.048	.102	.089	.011	.603
1973	Jan.	11,510	24,630	1,570	.146	.048	.102	.088	.011	.605
1973	Feb.	9,747	21,530	1,620	.145	.048	.102	.087	.011	.607
1973	Mar.	10,120	22,960	1,670	.145	.048	.102	.086	.011	.609
1973	Apr.	14,910	26,660	1,310	.149	.048	.103	.094	.011	.595
1973	May	37,800	42,800	833	.160	.047	.106	.113	.010	.565
1973	June	52,140	48,680	687	.163	.046	.107	.122	.010	.552
1973	July	34,500	41,240	879	.159	.047	.105	.111	.010	.568
1973	Aug.	19,210	31,220	1,200	.152	.047	.104	.098	.011	.588
1973	Sept.	24,530	34,650	1,040	.155	.047	.105	.104	.011	.579
1973	Oct.	28,300	35,670	927	.160	.047	.098	.111	.010	.574
1973	Nov.	11,190	25,050	1,650	.143	.056	.106	.088	.012	.595
1973	Dec.	10,810	25,320	1,720	.142	.056	.107	.087	.012	.597
1974	Jan.	9,941	24,580	1,820	.141	.057	.107	.085	.012	.598
1974	Feb.	8,029	21,350	1,960	.139	.058	.108	.083	.012	.601
1974	Mar.	17,610	29,880	1,250	.151	.052	.102	.098	.011	.586
1974	Apr.	24,590	32,310	966	.157	.049	.099	.107	.011	.577
1974	May	31,280	36,600	860	.162	.046	.097	.113	.010	.571
1974	June	26,240	33,620	942	.159	.048	.098	.109	.010	.575
1974	July	14,430	27,450	1,400	.147	.054	.104	.093	.011	.591
1974	Aug.	10,050	24,620	1,800	.141	.057	.107	.085	.012	.598
1974	Sept.	19,270	29,620	1,130	.153	.051	.101	.101	.011	.583
1974	Oct.	27,270	33,460	902	.164	.047	.096	.116	.010	.567

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 12. 09149500 Uncompahgre River at Delta, Colo., water years 1959 through 1980--Continued										
1974	Nov.	12,190	23,000	1,390	0.154	0.051	0.102	0.097	0.010	0.585
1974	Dec.	10,130	21,740	1,580	.151	.052	.104	.093	.010	.590
1975	Jan.	10,090	21,690	1,580	.151	.052	.104	.093	.010	.590
1975	Feb.	7,446	17,990	1,780	.148	.053	.105	.088	.010	.595
1975	Mar.	8,620	20,220	1,720	.149	.053	.105	.089	.010	.594
1975	Apr.	8,985	19,920	1,630	.150	.053	.104	.091	.010	.592
1975	May	20,360	27,840	1,010	.160	.049	.098	.109	.010	.574
1975	June	38,530	37,720	720	.169	.046	.093	.126	.010	.557
1975	July	47,910	41,850	642	.171	.045	.091	.131	.010	.552
1975	Aug.	15,330	25,900	1,240	.156	.050	.100	.102	.010	.581
1975	Sept.	22,320	29,430	970	.162	.048	.097	.112	.010	.571
1975	Oct.	30,970	36,230	860	.169	.047	.091	.120	.010	.563
1975	Nov.	17,190	26,110	1,120	.159	.049	.098	.107	.010	.577
1975	Dec.	11,400	21,780	1,410	.151	.051	.103	.097	.011	.587
1976	Jan.	8,840	19,150	1,590	.147	.052	.106	.091	.011	.593
1976	Feb.	8,105	17,710	1,610	.146	.052	.107	.091	.011	.593
1976	Mar.	9,848	19,940	1,490	.149	.051	.105	.094	.011	.590
1976	Apr.	8,688	18,240	1,540	.147	.052	.106	.092	.011	.592
1976	May	15,300	24,970	1,200	.156	.050	.100	.104	.010	.580
1976	June	21,470	29,390	1,010	.163	.048	.095	.112	.010	.571
1976	July	11,610	21,790	1,380	.151	.051	.103	.097	.011	.587
1976	Aug.	10,960	21,300	1,430	.150	.051	.104	.096	.011	.588
1976	Sept.	21,520	29,180	997	.163	.048	.095	.112	.010	.571
1976	Oct.	30,360	35,640	863	.169	.047	.093	.121	.010	.560
1976	Nov.	11,330	21,050	1,370	.154	.049	.102	.098	.010	.588
1976	Dec.	8,017	17,880	1,640	.148	.050	.105	.090	.011	.598
1977	Jan.	6,887	16,550	1,770	.145	.050	.107	.086	.011	.601
1977	Feb.	6,534	15,270	1,720	.146	.050	.106	.087	.011	.600
1977	Mar.	6,014	15,260	1,870	.143	.050	.108	.084	.011	.604
1977	Apr.	6,811	15,550	1,680	.146	.050	.106	.087	.011	.600
1977	May	8,591	18,440	1,580	.149	.049	.105	.091	.010	.596
1977	June	8,591	18,040	1,540	.149	.049	.104	.092	.010	.595
1977	July	8,521	18,200	1,570	.149	.049	.105	.091	.011	.596
1977	Aug.	11,540	20,790	1,330	.153	.049	.102	.098	.010	.588
1977	Sept.	7,742	17,320	1,650	.148	.050	.105	.089	.011	.598
1977	Oct.	8,039	18,310	1,670	.146	.051	.104	.087	.011	.601
1977	Nov.	11,470	21,210	1,360	.151	.050	.101	.095	.011	.592
1977	Dec.	9,953	20,260	1,500	.149	.050	.103	.091	.011	.596
1978	Jan.	7,970	18,270	1,690	.146	.051	.104	.087	.011	.601
1978	Feb.	5,847	14,900	1,870	.143	.051	.106	.083	.011	.606

1978	Mar.	7,379	16,910	1,690	.145	.051	.105	.086	.011	.603
1978	Apr.	14,290	23,200	1,190	.155	.049	.100	.099	.011	.586
1978	May	25,090	30,830	904	.162	.048	.096	.111	.011	.572
1978	June	41,970	38,600	676	.170	.047	.092	.123	.010	.557
1976	May	15,300	24,970	1,200	.156	.050	.100	.104	.010	.580
1976	June	21,470	29,390	1,010	.163	.048	.095	.112	.010	.571
1976	July	11,610	21,790	1,380	.151	.051	.103	.097	.011	.587
1976	Aug.	10,960	21,300	1,430	.150	.051	.104	.096	.011	.588
1976	Sept.	21,520	29,180	997	.163	.048	.095	.112	.010	.571
1976	Oct.	30,360	35,640	863	.169	.047	.093	.121	.010	.560
1976	Nov.	11,330	21,050	1,370	.154	.049	.102	.098	.010	.588
1976	Dec.	8,017	17,880	1,640	.148	.050	.105	.090	.011	.598
1977	Jan.	6,887	16,550	1,770	.145	.050	.107	.086	.011	.601
1977	Feb.	6,534	15,270	1,720	.146	.050	.106	.087	.011	.600
1977	Mar.	6,014	15,260	1,870	.143	.050	.108	.084	.011	.604
1977	Apr.	6,811	15,550	1,680	.146	.050	.106	.087	.011	.600
1977	May	8,591	18,440	1,580	.149	.049	.105	.091	.010	.596
1977	June	8,591	18,040	1,540	.149	.049	.104	.092	.010	.595
1977	July	8,521	18,200	1,570	.149	.049	.105	.091	.011	.596
1977	Aug.	11,540	20,790	1,330	.153	.049	.102	.098	.010	.588
1977	Sept.	7,742	17,320	1,650	.148	.050	.105	.089	.011	.598
1977	Oct.	8,039	18,310	1,670	.146	.051	.104	.087	.011	.601
1977	Nov.	11,470	21,210	1,360	.151	.050	.101	.095	.011	.592
1977	Dec.	9,953	20,260	1,500	.149	.050	.103	.091	.011	.596
1978	Jan.	7,970	18,270	1,690	.146	.051	.104	.087	.011	.601
1978	Feb.	5,847	14,900	1,870	.143	.051	.106	.083	.011	.606
1978	Mar.	7,379	16,910	1,690	.145	.051	.105	.086	.011	.603
1978	Apr.	14,290	23,200	1,190	.155	.049	.100	.099	.011	.586
1978	May	25,090	30,830	904	.162	.048	.096	.111	.011	.572
1978	June	41,970	38,600	676	.170	.047	.092	.123	.010	.557
1978	July	19,970	27,490	1,010	.159	.049	.098	.106	.011	.578
1978	Aug.	8,160	18,470	1,660	.146	.051	.104	.088	.011	.601
1978	Sept.	12,610	22,120	1,290	.153	.050	.101	.097	.011	.589
1978	Oct.	14,360	25,200	1,290	.153	.050	.099	.094	.011	.594
1978	Nov.	12,090	23,310	1,420	.152	.050	.100	.091	.010	.597
1978	Dec.	11,800	23,760	1,480	.151	.050	.100	.089	.010	.599
1979	Jan.	9,094	21,560	1,740	.149	.051	.100	.084	.010	.606
1979	Feb.	9,818	20,760	1,550	.150	.050	.100	.088	.010	.601
1979	Mar.	10,990	23,030	1,540	.151	.050	.100	.088	.010	.601
1979	Apr.	20,110	27,580	1,010	.156	.049	.099	.102	.011	.583
1979	May	44,000	37,640	629	.162	.047	.097	.122	.011	.560
1979	June	46,920	37,920	594	.163	.047	.097	.125	.011	.556
1979	July	20,590	28,620	1,020	.156	.049	.099	.102	.011	.583
1979	Aug.	14,830	25,380	1,260	.153	.050	.099	.094	.011	.593
1979	Sept.	14,250	24,890	1,280	.153	.050	.099	.094	.011	.593
1979	Oct.	18,820	27,980	1,090	.155	.049	.099	.100	.011	.586
1979	Nov.	16,110	25,960	1,180	.154	.050	.099	.097	.011	.589
1979	Dec.	11,890	23,830	1,470	.151	.050	.100	.090	.010	.599
1980	Jan.	9,529	21,940	1,690	.149	.051	.100	.085	.010	.605
1980	Feb.	7,629	19,330	1,860	.148	.051	.100	.082	.010	.609
1980	Mar.	6,139	18,450	2,210	.145	.052	.100	.076	.010	.617
1980	Apr.	14,270	24,500	1,260	.153	.050	.099	.094	.011	.593
1980	May	46,430	39,060	619	.163	.047	.098	.124	.011	.557
1980	June	32,410	33,530	761	.160	.048	.098	.115	.011	.568

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 12. 09149500 Uncompahgre River at Delta, Colo., water years 1959 through 1980--Continued										
1980	July	13,770	24,710	1,320	0.152	0.050	0.100	0.093	0.010	0.595
1980	Aug.	9,394	21,520	1,680	.149	.051	.100	.085	.010	.606
1980	Sept.	19,930	27,970	1,030	.156	.049	.099	.102	.011	.583
Site 13. 09152500 Gunnison River near Grand Junction, Colo., water years 1934 through 1983.										
1933	Oct.	55,400	90,230	1,200	.131	.053	.124	.088	.019	.584
1933	Nov.	61,170	92,360	1,110	.133	.053	.123	.094	.019	.578
1933	Dec.	57,430	91,620	1,170	.131	.053	.124	.090	.019	.582
1934	Jan.	46,120	83,450	1,330	.128	.053	.125	.081	.020	.593
1934	Feb.	44,430	77,480	1,280	.129	.053	.125	.084	.020	.590
1934	Mar.	43,400	80,850	1,370	.127	.053	.126	.079	.020	.595
1934	Apr.	74,140	95,550	948	.135	.053	.121	.105	.019	.567
1934	May	155,000	138,100	655	.144	.054	.115	.141	.018	.529
1934	June	34,350	65,900	1,410	.123	.052	.127	.075	.020	.603
1934	July	10,120	43,180	3,140	.106	.049	.133	.039	.021	.651
1934	Aug.	9,398	42,070	3,290	.105	.049	.133	.038	.022	.653
1934	Sept.	15,880	51,070	2,370	.113	.051	.131	.050	.021	.634
1934	Oct.	16,500	53,530	2,390	.113	.051	.131	.050	.021	.634
1934	Nov.	30,680	68,130	1,630	.123	.052	.128	.068	.020	.609
1934	Dec.	48,770	85,380	1,290	.129	.053	.125	.083	.020	.590
1935	Jan.	44,250	81,820	1,360	.128	.053	.126	.080	.020	.595
1935	Feb.	38,250	72,530	1,390	.127	.053	.126	.078	.020	.597
1935	Mar.	45,000	82,540	1,350	.128	.053	.126	.080	.020	.594
1935	Apr.	59,080	87,560	1,090	.132	.053	.123	.094	.019	.579
1935	May	265,500	169,700	470	.148	.053	.109	.179	.017	.495
1935	June	583,000	237,900	300	.154	.051	.098	.244	.015	.438
1935	July	147,700	134,800	671	.143	.053	.115	.138	.018	.532
1935	Aug.	55,550	89,930	1,190	.131	.053	.124	.089	.019	.584
1935	Sept.	52,540	84,680	1,190	.130	.053	.124	.089	.019	.585
1935	Oct.	63,630	102,100	1,180	.136	.053	.121	.096	.018	.576
1935	Nov.	60,910	98,720	1,190	.135	.053	.121	.096	.018	.577
1935	Dec.	49,930	94,140	1,390	.130	.053	.123	.086	.019	.589
1936	Jan.	50,120	77,690	1,140	.130	.053	.123	.086	.019	.589
1936	Feb.	44,870	82,900	1,360	.129	.053	.123	.085	.019	.591
1936	Mar.	55,180	77,890	1,040	.132	.053	.122	.090	.019	.584
1936	Apr.	291,500	138,600	350	.168	.050	.103	.186	.015	.478
1936	May	629,300	207,200	242	.185	.049	.093	.237	.013	.423
1936	June	301,900	153,500	374	.172	.051	.103	.184	.015	.476

1936	July	72,680	118,900	.138	.053	.120	.102	.018	.569
1936	Aug.	79,370	126,900	.140	.053	.119	.106	.018	.564
1936	Sept.	53,470	126,600	.132	.053	.122	.090	.019	.584
1936	Oct.	51,380	130,400	--	--	--	--	--	--
1936	Nov.	61,040	116,000	--	--	--	--	--	--
1936	Dec.	52,830	102,800	--	--	--	--	--	--
1937	Jan.	44,330	76,380	--	--	--	--	--	--
1937	Feb.	43,990	70,770	--	--	--	--	--	--
1937	Mar.	64,850	109,300	--	--	--	--	--	--
1937	Apr.	163,200	106,400	--	--	--	--	--	--
1937	May	624,000	232,600	--	--	--	--	--	--
1937	June	246,900	175,800	--	--	--	--	--	--
1937	July	82,350	132,200	--	--	--	--	--	--
1937	Aug.	27,820	76,730	--	--	--	--	--	--
1937	Sept.	33,240	102,900	--	--	--	--	--	--
1937	Oct.	57,890	144,000	--	--	--	--	--	--
1937	Nov.	62,340	116,400	--	--	--	--	--	--
1937	Dec.	61,860	120,100	--	--	--	--	--	--
1938	Jan.	54,290	97,770	--	--	--	--	--	--
1938	Feb.	45,360	83,650	--	--	--	--	--	--
1938	Mar.	78,130	120,700	--	--	--	--	--	--
1938	Apr.	355,200	210,300	--	--	--	--	--	--
1938	May	644,400	247,600	--	--	--	--	--	--
1938	June	749,100	297,500	--	--	--	--	--	--
1938	July	182,000	152,100	--	--	--	--	--	--
1938	Aug.	51,620	114,100	--	--	--	--	--	--
1938	Sept.	111,500	200,100	--	--	--	--	--	--
1938	Oct.	76,540	148,700	--	--	--	--	--	--
1938	Nov.	75,850	133,000	--	--	--	--	--	--
1938	Dec.	67,090	118,200	--	--	--	--	--	--
1939	Jan.	64,190	108,200	--	--	--	--	--	--
1939	Feb.	55,390	91,240	--	--	--	--	--	--
1939	Mar.	106,400	144,700	--	--	--	--	--	--
1939	Apr.	214,000	127,300	--	--	--	--	--	--
1939	May	376,700	172,500	--	--	--	--	--	--
1939	June	232,400	151,600	--	--	--	--	--	--
1939	July	35,230	84,880	--	--	--	--	--	--
1939	Aug.	38,110	93,300	--	--	--	--	--	--
1939	Sept.	61,190	140,500	--	--	--	--	--	--
1939	Oct.	51,570	133,800	--	--	--	--	--	--
1939	Nov.	59,760	126,400	--	--	--	--	--	--
1939	Dec.	49,950	107,700	--	--	--	--	--	--
1940	Jan.	48,360	101,800	--	--	--	--	--	--
1940	Feb.	44,960	91,250	--	--	--	--	--	--
1940	Mar.	61,390	93,570	--	--	--	--	--	--
1940	Apr.	128,300	107,800	--	--	--	--	--	--
1940	May	335,700	186,500	--	--	--	--	--	--
1940	June	162,500	137,500	--	--	--	--	--	--
1940	July	29,880	91,000	--	--	--	--	--	--
1940	Aug.	31,520	96,800	--	--	--	--	--	--
1940	Sept.	48,950	137,600	--	--	--	--	--	--
1940	Oct.	87,620	187,200	--	--	--	--	--	--
1940	Nov.	62,140	122,500	--	--	--	--	--	--
1940	Dec.	55,170	108,600	--	--	--	--	--	--

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 13. 09152500 Gunnison River near Grand Junction, Colo., water years 1934 through 1983--Continued										
1941	Jan.	50,660	100,400	1,460	--	--	--	--	--	--
1941	Feb.	50,530	101,400	1,480	--	--	--	--	--	--
1941	Mar.	63,350	105,300	1,220	--	--	--	--	--	--
1941	Apr.	123,200	119,700	715	--	--	--	--	--	--
1941	May	871,000	333,400	282	--	--	--	--	--	--
1941	June	563,200	268,200	350	--	--	--	--	--	--
1941	July	191,900	178,400	683	--	--	--	--	--	--
1941	Aug.	95,210	173,000	1,340	--	--	--	--	--	--
1941	Sept.	80,990	179,800	1,630	--	--	--	--	--	--
1941	Oct.	197,700	247,700	921	--	--	--	--	--	--
1941	Nov.	121,400	162,100	982	--	--	--	--	--	--
1941	Dec.	83,700	131,200	1,150	--	--	--	--	--	--
1942	Jan.	70,700	114,800	1,190	--	--	--	--	--	--
1942	Feb.	62,310	105,800	1,250	--	--	--	--	--	--
1942	Mar.	75,890	127,400	1,230	--	--	--	--	--	--
1942	Apr.	546,500	267,800	360	--	--	--	--	--	--
1942	May	759,500	268,000	259	--	--	--	--	--	--
1942	June	687,900	249,200	266	--	--	--	--	--	--
1942	July	167,200	152,500	671	--	--	--	--	--	--
1942	Aug.	67,620	131,300	1,430	--	--	--	--	--	--
1942	Sept.	55,510	135,400	1,790	--	--	--	--	--	--
1942	Oct.	56,920	144,200	1,860	0.134	0.053	0.110	0.071	0.013	0.618
1942	Nov.	65,300	125,300	1,410	.136	.054	.113	.086	.015	.597
1942	Dec.	58,360	104,200	1,310	.127	.055	.118	.091	.017	.593
1943	Jan.	56,610	102,700	1,330	.126	.055	.119	.090	.017	.593
1943	Feb.	47,930	73,680	1,130	.119	.056	.124	.100	.020	.582
1943	Mar.	56,100	82,870	1,090	.121	.056	.123	.102	.020	.578
1943	Apr.	279,500	113,300	298	.154	.050	.105	.226	.019	.446
1943	May	388,700	178,700	338	.179	.048	.096	.212	.015	.450
1943	June	397,300	183,300	339	.181	.048	.095	.213	.015	.448
1943	July	113,200	119,300	775	.141	.053	.113	.124	.017	.552
1943	Aug.	153,600	220,700	1,060	.171	.050	.099	.104	.012	.564
1943	Sept.	87,230	133,500	1,130	.145	.053	.110	.099	.015	.578
1943	Oct.	68,680	133,700	1,430	.135	.055	.109	.086	.015	.600
1943	Nov.	74,560	119,300	1,180	.136	.055	.113	.097	.016	.584
1943	Dec.	61,030	102,600	1,240	.126	.056	.117	.093	.017	.590
1944	Jan.	51,400	86,840	1,240	.119	.056	.122	.092	.019	.593
1944	Feb.	47,970	73,950	1,130	.117	.056	.125	.097	.020	.585
1944	Mar.	53,390	79,370	1,090	.118	.056	.125	.099	.020	.582
1944	Apr.	102,000	106,700	769	.141	.054	.116	.126	.019	.544

1944	May	757,400	239,300	232	.193	.046	.090	.255	.017	.399
1944	June	693,600	240,200	255	.194	.047	.091	.246	.017	.406
1944	July	230,400	157,000	501	.160	.052	.106	.162	.018	.503
1944	Aug.	51,390	101,100	1,450	.122	.056	.117	.084	.017	.605
1944	Sept.	44,810	110,300	1,810	.123	.055	.112	.073	.015	.622
1944	Oct.	58,260	133,700	1,690	.129	.053	.112	.073	.014	.619
1944	Nov.	71,050	132,300	1,370	.136	.053	.112	.085	.015	.600
1944	Dec.	63,610	109,700	1,270	.129	.054	.116	.090	.016	.594
1945	Jan.	54,880	87,630	1,170	.123	.056	.120	.095	.018	.588
1945	Feb.	46,690	75,550	1,190	.121	.056	.121	.094	.018	.590
1945	Mar.	52,140	74,200	1,050	.119	.057	.124	.103	.020	.578
1945	Apr.	90,750	89,060	722	.135	.055	.117	.129	.020	.543
1945	May	627,700	201,300	236	.186	.047	.092	.258	.019	.398
1945	June	407,100	178,200	322	.178	.049	.098	.217	.019	.439
1945	July	163,600	135,800	610	.153	.053	.109	.145	.018	.523
1945	Aug.	122,300	146,300	880	.151	.052	.109	.115	.016	.556
1945	Sept.	46,180	110,600	1,760	.123	.053	.115	.071	.015	.623
1945	Oct.	76,480	149,000	1,430	.133	.052	.111	.084	.015	.605
1945	Nov.	72,800	118,700	1,200	.132	.054	.114	.094	.016	.589
1945	Dec.	57,810	92,070	1,170	.125	.055	.119	.095	.017	.589
1946	Jan.	58,220	89,160	1,130	.125	.055	.119	.098	.018	.585
1946	Feb.	48,250	69,120	1,050	.122	.056	.122	.102	.019	.579
1946	Mar.	58,390	74,220	935	.124	.057	.122	.110	.020	.568
1946	Apr.	182,400	106,100	428	.148	.053	.112	.175	.021	.490
1946	May	228,500	140,500	452	.157	.052	.109	.173	.020	.489
1946	June	320,900	161,300	370	.166	.050	.105	.193	.020	.466
1946	July	64,130	100,100	1,150	.127	.055	.117	.095	.017	.589
1946	Aug.	56,220	119,700	1,570	.125	.053	.114	.079	.015	.614
1946	Sept.	53,620	119,200	1,630	.125	.053	.113	.076	.015	.618
1946	Oct.	69,030	137,800	1,470	.126	.053	.115	.081	.015	.610
1946	Nov.	66,970	111,400	1,220	.128	.054	.117	.092	.017	.592
1946	Dec.	55,740	88,450	1,170	.124	.055	.120	.096	.018	.588
1947	Jan.	45,340	75,110	1,220	.119	.055	.123	.093	.018	.592
1947	Feb.	46,940	65,780	1,030	.123	.056	.122	.104	.019	.576
1947	Mar.	55,360	71,860	955	.124	.056	.122	.109	.020	.569
1947	Apr.	95,830	72,610	557	.137	.055	.117	.152	.022	.516
1947	May	454,700	177,600	287	.175	.050	.096	.226	.023	.431
1947	June	501,500	233,100	342	.181	.049	.095	.204	.021	.450
1947	July	242,300	154,400	459	.158	.052	.105	.166	.020	.498
1947	Aug.	120,100	179,100	1,100	.142	.052	.110	.099	.016	.581
1947	Sept.	95,460	154,600	1,190	.137	.052	.112	.093	.016	.590
1947	Oct.	114,300	170,500	1,100	.143	.051	.107	.096	.014	.588
1947	Nov.	96,040	127,300	974	.138	.054	.112	.107	.016	.573
1947	Dec.	69,950	98,100	1,030	.130	.056	.115	.102	.017	.579
1948	Jan.	58,180	81,440	1,030	.126	.057	.117	.102	.018	.580
1948	Feb.	64,920	90,630	1,030	.131	.056	.115	.103	.017	.579
1948	Mar.	75,620	102,100	993	.132	.055	.115	.105	.017	.576
1948	Apr.	324,000	157,600	358	.167	.050	.102	.195	.018	.468
1948	May	835,000	240,200	212	.188	.044	.090	.270	.018	.389
1948	June	546,200	208,000	280	.180	.047	.096	.229	.018	.431
1948	July	140,800	127,200	665	.147	.053	.110	.135	.018	.537
1948	Aug.	71,350	123,600	1,270	.130	.054	.113	.088	.015	.600
1948	Sept.	48,580	105,800	1,600	.120	.055	.114	.075	.015	.620
1948	Oct.	57,000	125,500	1,620	.123	.054	.112	.073	.014	.622

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 13. 09152500 Gunnison River near Grand Junction, Colo., water years 1934 through 1983--Continued										
1948	Nov.	70,110	126,400	1,330	0.131	0.054	0.111	0.085	0.015	0.605
1948	Dec.	69,670	110,600	1,170	.131	.055	.112	.093	.016	.593
1949	Jan.	50,660	76,060	1,100	.125	.058	.114	.096	.018	.589
1949	Feb.	52,440	76,950	1,080	.128	.057	.113	.098	.017	.586
1949	Mar.	68,660	97,010	1,040	.132	.056	.112	.100	.017	.582
1949	Apr.	235,400	132,700	414	.162	.052	.100	.177	.017	.490
1949	May	481,200	183,600	281	.183	.049	.092	.232	.017	.427
1949	June	651,100	270,500	305	.194	.046	.090	.221	.015	.434
1949	July	264,600	168,500	468	.168	.051	.100	.169	.017	.495
1949	Aug.	64,890	112,800	1,280	.129	.055	.112	.087	.015	.602
1949	Sept.	53,430	110,700	1,520	.124	.055	.113	.076	.015	.618
1949	Oct.	70,430	138,800	1,450	.138	.052	.109	.081	.013	.606
1949	Nov.	73,670	113,700	1,130	.140	.054	.109	.095	.015	.588
1949	Dec.	54,140	91,500	1,240	.131	.055	.112	.088	.016	.598
1950	Jan.	54,230	85,020	1,150	.131	.055	.113	.092	.017	.592
1950	Feb.	56,470	86,760	1,130	.135	.055	.111	.094	.016	.589
1950	Mar.	60,390	81,100	988	.134	.056	.112	.102	.017	.580
1950	Apr.	219,200	106,100	356	.163	.052	.096	.193	.017	.480
1950	May	309,200	132,300	315	.172	.051	.091	.213	.016	.458
1950	June	319,300	156,200	360	.175	.050	.091	.199	.015	.470
1950	July	87,820	115,600	968	.143	.053	.108	.104	.015	.577
1950	Aug.	36,780	77,690	1,550	.121	.055	.116	.075	.016	.617
1950	Sept.	45,660	101,500	1,630	.128	.053	.113	.074	.014	.618
1950	Oct.	36,630	93,500	1,880	.117	.053	.119	.066	.015	.630
1950	Nov.	49,100	100,000	1,500	.126	.053	.116	.078	.015	.611
1950	Dec.	60,070	103,200	1,260	.132	.054	.114	.089	.016	.595
1951	Jan.	47,110	76,090	1,190	.127	.054	.117	.091	.016	.594
1951	Feb.	46,010	72,480	1,160	.130	.054	.116	.093	.016	.591
1951	Mar.	55,140	70,360	938	.132	.055	.115	.107	.017	.574
1951	Apr.	62,230	60,970	721	.137	.055	.113	.126	.018	.552
1951	May	264,700	136,500	379	.174	.053	.093	.199	.017	.464
1951	June	323,400	164,700	375	.179	.053	.091	.203	.017	.458
1951	July	92,650	96,930	769	.143	.054	.109	.121	.017	.556
1951	Aug.	52,600	87,040	1,220	.130	.054	.115	.090	.016	.594
1951	Sept.	37,390	80,960	1,590	.121	.053	.118	.074	.015	.618
1951	Oct.	49,280	111,000	1,660	.125	.054	.117	.073	.015	.617
1951	Nov.	59,790	109,200	1,340	.132	.054	.115	.085	.015	.599
1951	Dec.	45,730	78,970	1,270	.126	.054	.118	.086	.016	.600
1952	Jan.	52,520	80,840	1,130	.130	.055	.116	.093	.016	.590
1952	Feb.	47,580	68,990	1,070	.129	.055	.117	.096	.017	.586

1952 Mar.	53,400	75,120	1,030	.131	.055	.116	.098	.017	.583
1952 Apr.	341,700	155,800	335	.179	.052	.090	.212	.017	.451
1952 May	818,500	264,700	238	.198	.049	.078	.266	.016	.392
1952 June	758,900	251,400	244	.198	.050	.078	.263	.016	.395
1952 July	200,600	153,100	561	.165	.054	.100	.154	.016	.511
1952 Aug.	120,700	181,100	1,100	.149	.054	.107	.101	.015	.574
1952 Sept.	76,490	136,900	1,320	.138	.054	.112	.088	.015	.594
1952 Oct.	66,650	124,400	1,370	.132	.054	.115	.085	.015	.599
1952 Nov.	63,780	125,600	1,310	.131	.054	.115	.082	.015	.603
1952 Dec.	71,620	121,700	1,250	.134	.054	.115	.091	.015	.590
1953 Jan.	65,100	100,500	1,140	.133	.055	.116	.096	.016	.584
1953 Feb.	50,500	76,380	1,110	.130	.055	.118	.096	.016	.584
1953 Mar.	61,200	78,760	946	.134	.055	.117	.107	.017	.570
1953 Apr.	85,840	86,790	743	.142	.055	.113	.125	.017	.548
1953 May	230,100	131,200	1,190	.169	.053	.099	.184	.017	.477
1953 June	437,100	187,400	315	.186	.052	.089	.226	.017	.430
1953 July	86,020	96,010	821	.142	.055	.113	.119	.017	.554
1953 Aug.	67,400	114,700	1,250	.134	.054	.115	.090	.015	.592
1953 Sept.	46,100	103,800	1,660	.122	.054	.119	.074	.015	.617
1953 Oct.	57,650	136,000	1,310	.131	.055	.113	.074	.014	.613
1953 Nov.	73,550	127,000	1,270	.138	.055	.112	.089	.015	.591
1953 Dec.	51,580	92,160	1,310	.130	.055	.116	.085	.016	.598
1954 Jan.	48,420	83,940	1,270	.129	.055	.116	.086	.017	.596
1954 Feb.	45,160	71,240	1,160	.130	.055	.116	.091	.018	.590
1954 Mar.	44,920	67,100	1,100	.128	.056	.117	.093	.019	.588
1954 Apr.	69,690	56,390	595	.139	.054	.113	.134	.021	.540
1954 May	110,500	91,220	607	.148	.054	.109	.137	.018	.534
1954 June	39,300	73,300	1,370	.124	.055	.118	.080	.017	.605
1954 July	39,920	80,500	1,850	.125	.055	.117	.078	.016	.608
1954 Aug.	31,300	78,830	1,850	.118	.055	.119	.067	.016	.624
1954 Sept.	51,540	117,400	1,680	.129	.055	.115	.074	.015	.613
1954 Oct.	64,420	124,100	1,430	.137	.054	.108	.084	.016	.600
1954 Nov.	50,780	96,560	1,400	.134	.054	.111	.081	.017	.603
1954 Dec.	49,190	91,550	1,370	.134	.054	.112	.081	.017	.602
1955 Jan.	46,240	77,460	1,230	.135	.053	.114	.085	.018	.594
1955 Feb.	40,270	66,890	1,220	.135	.053	.115	.085	.018	.594
1955 Mar.	58,580	88,630	1,139	.139	.053	.112	.096	.018	.581
1955 Apr.	107,800	78,530	536	.150	.051	.110	.167	.021	.502
1955 May	261,900	127,600	358	.157	.048	.099	.246	.019	.430
1955 June	218,700	132,000	444	.156	.050	.101	.216	.019	.458
1955 July	46,300	76,580	1,220	.135	.053	.113	.088	.018	.594
1955 Aug.	52,400	97,160	1,360	.135	.054	.111	.083	.017	.601
1955 Sept.	35,450	84,010	1,740	.128	.054	.112	.065	.016	.626
1955 Oct.	37,960	92,740	1,800	.120	.052	.118	.064	.016	.631
1955 Nov.	53,920	109,200	1,490	.131	.050	.116	.076	.017	.610
1955 Dec.	57,050	92,180	1,190	.132	.053	.117	.091	.018	.589
1956 Jan.	50,210	81,380	1,190	.128	.055	.118	.091	.018	.590
1956 Feb.	44,280	70,240	1,170	.126	.056	.119	.092	.018	.589
1956 Mar.	56,340	71,560	934	.130	.057	.118	.109	.019	.566
1956 Apr.	141,900	84,890	440	.155	.054	.108	.193	.021	.468
1956 May	323,800	139,000	316	.179	.046	.098	.243	.022	.411
1956 June	261,500	132,700	373	.176	.047	.102	.214	.021	.440
1956 July	36,850	65,910	1,320	.118	.057	.119	.082	.017	.607
1956 Aug.	28,730	58,300	1,490	.112	.058	.120	.074	.017	.619

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 13. 09152500 Gunnison River near Grand Junction, Colo., water years 1934 through 1983--Continued											
1956	Sept.	20,300	59,420	2,150	0.103	0.056	0.120	0.055	0.015	0.650	
1956	Oct.	34,520	94,400	2,010	.114	.051	.117	.057	.015	.644	
1956	Nov.	55,090	101,000	1,350	.130	.052	.116	.081	.017	.604	
1956	Dec.	47,370	83,540	1,300	.125	.055	.118	.083	.017	.602	
1957	Jan.	52,090	86,390	1,220	.128	.054	.117	.088	.017	.595	
1957	Feb.	54,770	87,490	1,170	.133	.053	.116	.091	.017	.589	
1957	Mar.	55,910	73,640	969	.130	.057	.118	.106	.018	.571	
1957	Apr.	135,500	90,000	488	.155	.053	.109	.176	.020	.487	
1957	May	553,600	223,100	296	.199	.042	.093	.250	.020	.396	
1957	June	1,168,000	346,500	218	.221	.036	.082	.299	.020	.341	
1957	July	719,400	264,200	270	.205	.040	.090	.262	.020	.383	
1957	Aug.	223,800	177,600	584	.174	.046	.106	.154	.019	.500	
1957	Sept.	108,300	147,800	1,000	.152	.048	.112	.102	.018	.568	
1957	Oct.	106,200	170,500	1,180	.153	.047	.110	.091	.017	.582	
1957	Nov.	111,100	138,300	915	.154	.049	.111	.111	.018	.557	
1957	Dec.	91,900	109,700	878	.146	.052	.113	.114	.018	.558	
1958	Jan.	65,500	85,800	963	.135	.054	.116	.104	.018	.574	
1958	Feb.	70,100	96,720	1,010	.141	.052	.114	.101	.017	.575	
1958	Mar.	82,160	96,740	866	.142	.053	.114	.114	.018	.559	
1958	Apr.	254,400	132,400	383	.174	.047	.101	.202	.020	.456	
1958	May	872,900	252,900	213	.207	.038	.084	.302	.020	.348	
1958	June	569,900	219,100	283	.202	.041	.091	.254	.020	.391	
1958	July	65,350	86,550	974	.133	.053	.115	.101	.017	.580	
1958	Aug.	42,590	70,520	1,220	.122	.055	.117	.085	.017	.604	
1958	Sept.	51,140	104,700	1,510	.128	.051	.115	.074	.016	.616	
1958	Oct.	51,740	111,900	1,590	.130	.052	.112	.076	.014	.617	
1958	Nov.	71,330	119,900	1,240	.140	.052	.110	.091	.014	.592	
1958	Dec.	65,080	97,590	1,100	.141	.051	.110	.096	.015	.587	
1959	Jan.	56,840	84,600	1,090	.140	.051	.110	.094	.015	.590	
1959	Feb.	49,610	71,410	1,060	.141	.051	.110	.096	.015	.588	
1959	Mar.	51,960	67,630	957	.142	.050	.109	.100	.015	.582	
1959	Apr.	55,130	62,040	827	.146	.050	.108	.110	.016	.570	
1959	May	167,300	113,500	499	.170	.048	.101	.163	.016	.502	
1959	June	255,900	144,700	416	.177	.048	.098	.185	.016	.476	
1959	July	33,870	65,340	1,420	.127	.051	.112	.076	.014	.620	
1959	Aug.	51,080	92,970	1,340	.134	.051	.111	.083	.014	.606	
1959	Sept.	41,120	89,650	1,600	.128	.052	.112	.074	.014	.621	
1959	Oct.	96,180	142,100	1,090	.150	.049	.104	.099	.013	.585	
1959	Nov.	72,070	99,280	1,010	.149	.049	.107	.102	.014	.580	
1959	Dec.	50,280	77,840	1,140	.142	.049	.110	.092	.015	.592	

1960 Jan.	49,070	77,990	1,170	.141	.049	.110	.091	.015	.595
1960 Feb.	40,930	66,490	1,190	.139	.049	.111	.089	.015	.597
1960 Mar.	87,320	100,100	843	.152	.048	.105	.112	.014	.568
1960 Apr.	269,700	121,900	332	.182	.045	.093	.200	.015	.465
1960 May	259,300	116,300	330	.181	.045	.093	.201	.016	.464
1960 June	335,900	149,800	328	.185	.044	.091	.205	.015	.460
1960 July	57,970	73,990	939	.145	.048	.109	.103	.015	.579
1960 Aug.	33,720	68,300	1,490	.131	.049	.113	.076	.015	.616
1960 Sept.	37,630	80,030	1,560	.132	.049	.111	.075	.014	.619
1960 Oct.	50,650	105,700	1,530	.137	.048	.108	.078	.013	.616
1960 Nov.	58,300	86,560	1,090	.146	.048	.108	.096	.014	.588
1960 Dec.	51,070	77,940	1,120	.144	.048	.109	.093	.015	.591
1961 Jan.	41,320	69,950	1,240	.140	.048	.110	.086	.015	.601
1961 Feb.	39,470	63,820	1,190	.141	.048	.110	.089	.015	.597
1961 Mar.	54,740	75,280	1,010	.147	.048	.108	.099	.015	.583
1961 Apr.	66,610	67,400	744	.155	.047	.106	.119	.016	.556
1961 May	266,400	127,900	353	.182	.045	.093	.193	.015	.472
1961 June	208,700	124,400	438	.175	.046	.096	.170	.014	.499
1961 July	34,080	68,820	1,480	.134	.048	.111	.077	.014	.615
1961 Aug.	44,120	84,440	1,410	.138	.048	.110	.081	.014	.610
1961 Sept.	100,000	158,100	1,160	.150	.049	.104	.096	.012	.590
1961 Oct.	106,900	123,500	849	.161	.047	.100	.114	.014	.565
1961 Nov.	86,360	102,500	872	.157	.047	.102	.112	.015	.567
1961 Dec.	56,980	81,310	1,050	.147	.047	.108	.100	.016	.582
1962 Jan.	52,560	76,350	1,070	.146	.047	.110	.099	.016	.583
1962 Feb.	58,070	78,480	994	.150	.047	.107	.103	.016	.577
1962 Mar.	53,460	74,710	1,030	.146	.047	.110	.101	.016	.580
1962 Apr.	395,000	145,500	271	.189	.042	.083	.208	.015	.462
1962 May	574,600	179,100	229	.196	.041	.079	.229	.015	.440
1962 June	476,700	177,400	274	.194	.042	.081	.211	.015	.458
1962 July	219,100	143,300	481	.176	.045	.092	.154	.014	.519
1962 Aug.	51,550	86,250	1,230	.144	.047	.109	.091	.015	.595
1962 Sept.	62,790	118,500	1,390	.148	.048	.103	.086	.013	.603
1962 Oct.	70,200	126,900	1,330	.153	.050	.098	.092	.013	.594
1962 Nov.	67,660	107,000	1,160	.149	.051	.101	.098	.014	.586
1962 Dec.	53,760	87,950	1,200	.139	.053	.108	.097	.015	.589
1963 Jan.	48,140	81,610	1,250	.135	.054	.110	.095	.015	.591
1963 Feb.	70,430	95,230	994	.150	.051	.101	.106	.015	.576
1963 Mar.	81,600	88,680	799	.146	.053	.104	.115	.016	.565
1963 Apr.	102,300	70,510	507	.146	.054	.106	.145	.018	.532
1963 May	188,100	100,400	393	.163	.050	.095	.161	.017	.514
1963 June	92,250	96,510	769	.154	.051	.100	.119	.015	.560
1963 July	37,040	75,310	1,490	.130	.054	.112	.087	.015	.600
1963 Aug.	51,790	100,400	1,430	.143	.052	.104	.089	.014	.598
1963 Sept.	50,560	110,300	1,600	.144	.051	.102	.084	.013	.605
1963 Oct.	54,700	132,000	1,770	.156	.049	.096	.083	.012	.605
1963 Nov.	65,540	111,700	1,250	.150	.051	.100	.097	.014	.588
1963 Dec.	49,080	82,660	1,240	.135	.054	.111	.098	.016	.587
1964 Jan.	43,440	74,350	1,260	.130	.054	.114	.097	.017	.588
1964 Feb.	45,310	74,000	1,200	.133	.054	.112	.099	.016	.585
1964 Mar.	42,570	73,700	1,270	.130	.054	.115	.096	.017	.588
1964 Apr.	77,750	77,060	729	.137	.055	.110	.121	.017	.559
1964 May	417,800	164,900	290	.173	.052	.085	.177	.015	.498
1964 June	315,600	155,300	362	.169	.053	.087	.166	.015	.510

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 13. 09152500 Gunnison River near Grand Junction, Colo., water years 1934 through 1983--Continued										
1964	July	82,860	95,490	847	0.144	0.054	0.105	0.114	0.016	0.568
1964	Aug.	93,380	147,800	1,160	.166	.050	.092	.100	.012	.580
1964	Sept.	59,480	113,800	1,410	.151	.051	.100	.092	.013	.594
1964	Oct.	53,450	113,100	1,560	.144	.053	.101	.087	.013	.602
1964	Nov.	64,810	115,300	1,310	.147	.053	.099	.094	.014	.593
1964	Dec.	58,980	91,270	1,140	.136	.056	.107	.101	.015	.585
1965	Jan.	54,990	86,980	1,160	.134	.056	.109	.100	.016	.586
1965	Feb.	44,770	70,170	1,150	.130	.057	.112	.100	.016	.585
1965	Mar.	52,030	66,860	945	.127	.058	.114	.107	.017	.577
1965	Apr.	228,500	114,300	368	.151	.058	.095	.159	.016	.521
1965	May	581,700	210,700	266	.176	.055	.080	.187	.013	.489
1965	June	681,200	248,800	269	.185	.054	.075	.187	.013	.487
1965	July	472,000	216,400	337	.177	.054	.081	.169	.013	.506
1965	Aug.	157,600	152,200	710	.162	.054	.091	.122	.013	.558
1965	Sept.	160,900	210,000	959	.177	.051	.084	.109	.011	.569
1965	Oct.	116,000	158,700	1,010	.154	.052	.094	.109	.013	.579
1965	Nov.	63,250	121,500	1,410	.138	.053	.101	.094	.013	.601
1965	Dec.	60,450	96,630	1,180	.129	.058	.106	.100	.015	.592
1966	Jan.	51,950	89,190	1,260	.125	.058	.109	.097	.015	.596
1966	Feb.	36,700	71,900	1,440	.119	.059	.112	.091	.016	.603
1966	Mar.	68,120	88,930	960	.128	.060	.107	.108	.016	.581
1966	Apr.	166,300	108,000	478	.143	.062	.098	.147	.016	.534
1966	May	210,800	142,700	498	.154	.058	.093	.145	.015	.536
1966	June	124,700	125,300	739	.146	.057	.097	.122	.014	.563
1966	July	50,860	86,970	1,260	.124	.058	.109	.097	.015	.596
1966	Aug.	38,440	78,120	1,490	.118	.059	.113	.090	.015	.606
1966	Sept.	57,900	113,200	1,440	.135	.054	.103	.093	.013	.603
1966	Oct.	65,190	129,300	1,460	.130	.055	.102	.089	.015	.610
1966	Nov.	45,120	102,700	1,670	.123	.056	.104	.082	.015	.621
1966	Dec.	55,090	95,120	1,270	.129	.056	.102	.094	.015	.604
1967	Jan.	47,050	75,220	1,180	.127	.056	.102	.098	.015	.601
1967	Feb.	41,920	66,260	1,160	.127	.056	.102	.098	.015	.600
1967	Mar.	62,290	71,490	844	.135	.056	.099	.116	.016	.578
1967	Apr.	86,010	62,300	533	.146	.055	.094	.147	.016	.542
1967	May	143,300	107,200	550	.155	.054	.092	.145	.016	.538
1967	June	151,800	148,700	720	.153	.054	.094	.129	.015	.555
1967	July	59,700	103,400	1,270	.131	.056	.101	.095	.015	.602
1967	Aug.	59,080	108,600	1,350	.130	.055	.102	.092	.015	.606
1967	Sept.	70,030	123,900	1,300	.133	.055	.101	.094	.015	.602
1967	Oct.	65,360	115,500	1,300	.131	.055	.102	.093	.015	.604

1967	Nov.	105,600	118,300	824	.145	.056	.097	.120	.016	.566
1967	Dec.	165,000	113,700	507	.158	.056	.092	.157	.017	.520
1968	Jan.	118,500	107,300	666	.148	.056	.095	.133	.016	.551
1968	Feb.	96,080	95,920	734	.146	.056	.096	.129	.016	.556
1968	Mar.	64,880	75,280	853	.137	.057	.099	.119	.016	.571
1968	Apr.	68,080	65,900	712	.141	.057	.098	.132	.017	.555
1968	May	268,300	138,400	379	.169	.056	.087	.181	.017	.490
1968	June	258,200	144,500	412	.168	.056	.088	.173	.017	.499
1968	July	59,470	96,620	1,190	.131	.055	.102	.097	.015	.599
1968	Aug.	107,100	160,300	1,100	.141	.055	.099	.101	.015	.589
1968	Sept.	67,500	120,400	1,310	.131	.055	.102	.092	.015	.605
1968	Oct.	86,620	139,600	1,190	.136	.055	.100	.096	.015	.599
1968	Nov.	133,400	133,500	736	.149	.056	.097	.126	.016	.557
1968	Dec.	148,900	108,200	534	.155	.056	.095	.153	.017	.524
1969	Jan.	146,000	109,100	550	.155	.056	.095	.150	.017	.527
1969	Feb.	75,050	73,100	716	.141	.056	.099	.126	.017	.562
1969	Mar.	144,800	98,560	500	.155	.056	.095	.158	.017	.519
1969	Apr.	304,200	116,900	283	.172	.055	.087	.212	.017	.457
1969	May	331,700	152,700	338	.172	.055	.089	.194	.017	.474
1969	June	194,100	187,200	709	.156	.055	.095	.129	.015	.550
1969	July	99,690	127,000	937	.142	.056	.099	.110	.016	.579
1969	Aug.	91,300	115,900	933	.139	.055	.099	.108	.016	.582
1969	Sept.	119,100	157,400	972	.144	.055	.098	.107	.015	.581
1969	Oct.	155,000	184,900	877	.148	.054	.097	.111	.015	.575
1969	Nov.	142,400	130,500	674	.151	.056	.099	.134	.017	.542
1969	Dec.	128,400	105,500	604	.151	.058	.101	.145	.018	.528
1970	Jan.	129,300	93,820	533	.153	.059	.101	.158	.019	.511
1970	Feb.	121,600	80,660	488	.154	.059	.101	.167	.020	.500
1970	Mar.	149,200	95,250	469	.156	.058	.100	.169	.020	.497
1970	Apr.	137,400	89,390	478	.155	.059	.100	.167	.020	.499
1970	May	404,200	156,700	285	.173	.055	.092	.212	.019	.449
1970	June	415,100	198,800	352	.173	.054	.091	.185	.017	.480
1970	July	174,400	127,800	539	.154	.056	.098	.148	.017	.527
1970	Aug.	100,800	118,300	863	.143	.057	.101	.117	.017	.566
1970	Sept.	195,600	197,600	743	.155	.054	.095	.122	.015	.559
1970	Oct.	188,100	122,800	480	.158	.054	.102	.161	.019	.506
1970	Nov.	170,400	126,000	544	.157	.054	.101	.149	.018	.521
1970	Dec.	181,400	112,100	454	.157	.055	.103	.166	.020	.500
1971	Jan.	196,400	102,700	385	.157	.055	.104	.183	.021	.480
1971	Feb.	201,100	86,730	317	.157	.055	.104	.205	.023	.456
1971	Mar.	239,000	102,600	316	.158	.055	.104	.204	.022	.457
1971	Apr.	265,800	102,100	282	.158	.055	.103	.216	.023	.444
1971	May	209,100	133,400	469	.159	.054	.101	.162	.019	.505
1971	June	211,700	146,200	508	.160	.054	.100	.154	.018	.514
1971	July	114,300	116,100	747	.152	.053	.099	.121	.016	.560
1971	Aug.	113,700	103,100	667	.151	.054	.102	.131	.017	.545
1971	Sept.	133,300	136,900	755	.154	.053	.099	.121	.016	.558
1971	Oct.	119,800	138,100	848	.148	.051	.103	.113	.015	.570
1971	Nov.	132,000	110,600	616	.151	.053	.104	.137	.018	.538
1971	Dec.	144,100	103,800	530	.152	.054	.104	.149	.019	.523
1972	Jan.	125,800	75,390	441	.151	.055	.104	.167	.021	.502
1972	Feb.	110,200	64,880	433	.151	.055	.105	.170	.021	.499
1972	Mar.	109,100	68,060	459	.150	.055	.105	.164	.021	.506
1972	Apr.	66,920	55,430	609	.146	.054	.105	.142	.019	.534

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 13. 09152500 Gunnison River near Grand Junction, Colo., water years 1934 through 1983--Continued										
1972	May	115,400	94,510	602	0.150	0.053	0.104	0.140	0.018	0.534
1972	June	117,500	101,500	635	.150	.053	.104	.134	.018	.542
1972	July	35,730	62,790	1,290	.137	.050	.102	.090	.014	.607
1972	Aug.	38,460	62,880	1,200	.138	.050	.102	.094	.014	.601
1972	Sept.	84,500	113,700	989	.145	.050	.102	.104	.015	.584
1972	Oct.	103,700	134,600	955	.147	.052	.103	.108	.014	.577
1972	Nov.	125,200	105,800	621	.149	.054	.104	.136	.016	.541
1972	Dec.	156,900	91,470	429	.149	.055	.105	.165	.019	.508
1973	Jan.	154,800	77,040	366	.148	.055	.104	.177	.020	.495
1973	Feb.	75,290	60,930	595	.147	.054	.104	.141	.018	.537
1973	Mar.	82,950	73,770	654	.147	.053	.104	.134	.017	.545
1973	Apr.	93,000	69,180	547	.148	.054	.104	.146	.018	.530
1973	May	455,600	150,900	244	.151	.056	.104	.213	.020	.456
1973	June	414,200	183,800	326	.153	.056	.104	.186	.018	.483
1973	July	163,800	128,400	577	.150	.054	.104	.140	.016	.536
1973	Aug.	147,900	135,500	674	.149	.053	.104	.129	.015	.549
1973	Sept.	109,600	111,800	750	.148	.053	.104	.123	.015	.557
1973	Oct.	124,900	116,000	683	.151	.054	.104	.131	.014	.547
1973	Nov.	88,920	83,620	691	.148	.054	.104	.129	.014	.551
1973	Dec.	170,000	110,800	479	.156	.055	.104	.157	.015	.514
1974	Jan.	216,100	93,790	319	.160	.056	.103	.194	.016	.472
1974	Feb.	213,500	105,600	364	.160	.056	.103	.180	.015	.487
1974	Mar.	203,600	163,300	590	.155	.054	.102	.138	.014	.536
1974	Apr.	140,900	101,100	527	.155	.055	.104	.149	.015	.523
1974	May	261,400	153,400	431	.158	.055	.102	.161	.015	.508
1974	June	121,100	175,000	1,060	.145	.052	.101	.101	.013	.588
1974	July	51,420	135,000	1,930	.131	.049	.100	.073	.012	.634
1974	Aug.	42,380	73,970	1,280	.138	.052	.104	.097	.013	.596
1974	Sept.	64,900	123,500	1,400	.136	.051	.101	.086	.013	.615
1974	Oct.	84,120	94,700	828	.152	.053	.101	.118	.013	.562
1974	Nov.	116,800	103,500	651	.155	.054	.102	.133	.014	.543
1974	Dec.	111,000	103,700	687	.154	.054	.102	.129	.014	.547
1975	Jan.	113,900	104,400	674	.155	.054	.102	.130	.014	.546
1975	Feb.	96,380	92,530	706	.154	.054	.102	.127	.014	.549
1975	Mar.	99,270	99,670	738	.153	.054	.102	.125	.014	.554
1975	Apr.	157,800	112,400	524	.157	.055	.101	.145	.014	.527
1975	May	397,600	159,100	294	.164	.056	.100	.190	.015	.474
1975	June	335,600	146,900	322	.163	.056	.101	.183	.015	.483
1975	July	164,700	116,500	520	.157	.055	.101	.146	.014	.526
1975	Aug.	62,890	85,600	1,000	.149	.052	.101	.107	.013	.577

1975	Sept.	75,970	110,900	1,070	.150	.052	.099	.102	.013	.586
1975	Oct.	109,700	128,500	861	.156	.051	.098	.112	.013	.570
1975	Nov.	141,000	117,600	613	.157	.053	.100	.136	.013	.540
1975	Dec.	152,300	118,000	569	.158	.054	.101	.142	.014	.532
1976	Jan.	133,900	93,690	515	.156	.054	.103	.150	.015	.522
1976	Feb.	95,470	97,140	748	.155	.052	.101	.122	.014	.557
1976	Mar.	86,800	76,420	647	.153	.054	.105	.133	.015	.541
1976	Apr.	83,060	66,910	592	.153	.054	.105	.139	.015	.535
1976	May	207,300	190,600	676	.162	.052	.093	.126	.012	.556
1976	June	127,700	114,000	656	.157	.053	.100	.130	.013	.547
1976	July	53,970	88,430	1,200	.150	.050	.100	.093	.013	.594
1976	Aug.	50,220	87,480	1,280	.149	.049	.099	.090	.013	.598
1976	Sept.	72,690	115,500	1,170	.153	.049	.097	.094	.012	.594
1976	Oct.	91,140	118,800	959	.156	.050	.098	.105	.013	.580
1976	Nov.	105,000	113,100	792	.156	.051	.098	.115	.013	.567
1976	Dec.	119,500	112,900	694	.156	.051	.098	.122	.013	.559
1977	Jan.	116,300	107,000	677	.156	.052	.099	.124	.014	.556
1977	Feb.	68,970	70,800	755	.152	.052	.103	.119	.015	.559
1977	Mar.	47,620	56,000	855	.148	.053	.106	.112	.016	.565
1977	Apr.	34,520	44,290	943	.145	.054	.108	.108	.017	.569
1977	May	42,940	68,430	1,170	.148	.051	.104	.096	.015	.587
1977	June	36,630	65,370	1,310	.147	.050	.104	.090	.015	.594
1977	July	37,760	71,300	1,390	.148	.050	.103	.088	.014	.598
1977	Aug.	36,450	62,200	1,250	.147	.051	.105	.092	.015	.590
1977	Sept.	35,920	64,750	1,330	.147	.050	.104	.090	.015	.594
1977	Oct.	49,630	83,060	1,230	.149	.050	.100	.085	.014	.602
1977	Nov.	50,580	81,830	1,190	.150	.050	.100	.086	.014	.600
1977	Dec.	43,310	64,970	1,100	.148	.052	.105	.092	.016	.588
1978	Jan.	49,390	59,050	879	.149	.053	.107	.104	.017	.569
1978	Feb.	45,580	50,060	808	.149	.054	.108	.110	.018	.561
1978	Mar.	51,810	50,180	712	.149	.055	.110	.118	.019	.549
1978	Apr.	132,600	92,220	511	.159	.053	.100	.134	.015	.539
1978	May	292,100	146,100	368	.164	.052	.094	.152	.013	.523
1978	June	314,400	130,000	304	.164	.054	.095	.171	.014	.502
1978	July	143,000	117,400	604	.160	.051	.096	.120	.014	.559
1978	Aug.	58,620	59,450	746	.150	.054	.107	.114	.017	.557
1978	Sept.	85,540	91,390	786	.155	.052	.100	.107	.015	.572
1978	Oct.	67,780	78,850	856	.151	.053	.101	.100	.015	.580
1978	Nov.	86,780	101,800	883	.154	.051	.098	.097	.014	.586
1978	Dec.	133,700	89,400	492	.158	.054	.101	.138	.015	.534
1979	Jan.	137,900	78,660	420	.158	.055	.102	.154	.016	.514
1979	Feb.	155,300	85,610	405	.161	.054	.100	.155	.015	.515
1979	Mar.	194,000	118,800	450	.163	.053	.098	.143	.014	.529
1979	Apr.	278,700	122,000	322	.166	.053	.096	.170	.014	.501
1979	May	509,200	270,600	331	.175	.049	.088	.143	.012	.534
1979	June	389,900	125,500	237	.168	.053	.095	.202	.015	.467
1979	July	178,900	127,800	525	.162	.052	.097	.128	.014	.548
1979	Aug.	99,810	100,600	741	.155	.052	.099	.107	.014	.573
1979	Sept.	110,900	146,100	969	.156	.049	.094	.088	.012	.601
1979	Oct.	106,800	126,100	868	.160	.050	.093	.096	.014	.587
1979	Nov.	94,490	97,250	757	.158	.051	.096	.105	.015	.575
1979	Dec.	146,600	85,690	430	.159	.054	.100	.149	.015	.521
1980	Jan.	141,100	99,620	519	.160	.053	.098	.133	.015	.541
1980	Feb.	133,900	80,050	440	.159	.054	.101	.148	.015	.523

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 13. 09152500 Gunnison River near Grand Junction, Colo., water years 1934 through 1983--Continued										
1980	Mar.	149,200	86,130	425	0.159	0.054	0.101	0.151	0.015	0.520
1980	Apr.	226,500	98,610	320	.161	.054	.099	.175	.015	.496
1980	May	560,100	165,600	217	.166	.053	.095	.215	.014	.456
1980	June	406,000	133,100	241	.164	.054	.097	.204	.014	.467
1980	July	138,800	98,130	520	.160	.053	.098	.131	.015	.543
1980	Aug.	69,890	71,780	755	.154	.052	.099	.107	.015	.571
1980	Sept.	75,980	83,430	808	.156	.051	.097	.102	.015	.579
1980	Oct.	75,500	75,380	734	.155	.052	.098	.120	.014	.560
1980	Nov.	139,400	99,590	525	.161	.053	.098	.145	.015	.528
1980	Dec.	142,800	94,440	486	.160	.054	.099	.151	.015	.521
1981	Jan.	129,100	79,390	452	.157	.055	.100	.157	.015	.515
1981	Feb.	75,580	50,280	489	.152	.055	.103	.151	.015	.524
1981	Mar.	70,480	52,660	549	.150	.055	.103	.142	.015	.535
1981	Apr.	70,490	46,580	486	.150	.056	.104	.151	.015	.524
1981	May	92,900	80,220	635	.157	.053	.098	.129	.015	.549
1981	June	79,060	81,830	761	.157	.051	.096	.117	.014	.563
1981	July	57,950	86,060	1,090	.155	.049	.094	.096	.014	.592
1981	Aug.	51,610	62,740	894	.150	.052	.098	.107	.014	.579
1981	Sept.	76,450	67,970	654	.154	.053	.099	.128	.015	.550
1981	Oct.	102,500	134,100	962	.164	.048	.089	.103	.014	.581
1981	Nov.	75,900	81,760	792	.157	.051	.095	.117	.015	.565
1981	Dec.	72,380	69,100	702	.154	.053	.098	.126	.015	.553
1982	Jan.	78,500	71,330	668	.154	.053	.098	.129	.015	.549
1982	Feb.	113,400	71,170	461	.156	.055	.100	.160	.015	.514
1982	Mar.	139,100	91,530	484	.158	.054	.098	.155	.015	.519
1982	Apr.	153,200	80,400	386	.156	.056	.100	.176	.015	.498
1982	May	314,000	135,200	317	.163	.055	.096	.194	.015	.478
1982	June	249,800	143,100	421	.166	.053	.094	.166	.014	.506
1982	July	125,900	101,500	593	.160	.052	.095	.137	.015	.540
1982	Aug.	121,100	115,900	704	.163	.051	.093	.125	.015	.554
1982	Sept.	158,700	129,500	600	.165	.051	.093	.135	.014	.541
1982	Oct.	163,500	105,200	473	.157	.055	.097	.166	.015	.511
1982	Nov.	150,400	103,000	504	.157	.054	.096	.160	.015	.518
1982	Dec.	150,800	100,500	490	.156	.055	.097	.163	.015	.514
1983	Jan.	139,900	84,130	442	.153	.056	.099	.176	.016	.500
1983	Feb.	122,500	68,010	408	.151	.057	.101	.187	.017	.489
1983	Mar.	142,800	86,220	444	.153	.056	.099	.175	.016	.501
1983	Apr.	149,500	93,390	459	.155	.055	.097	.168	.015	.509
1983	May	489,400	173,900	261	.168	.052	.091	.213	.016	.459
1983	June	808,000	282,400	257	.180	.050	.087	.205	.015	.464

Site 14. 09152900 Adobe Creek near Fruita, Colo., water years 1973 through 1980.									
1983	July	493,400	197,300	294	.171	.052	.090	.198	.015
1983	Aug.	206,100	141,000	503	.162	.053	.093	.154	.014
1983	Sept.	131,200	119,400	669	.157	.053	.094	.133	.013
1973	Apr.	681	1,350	1,460	.137	.052	.113	.073	.074
1973	May	2,164	2,463	837	.154	.045	.111	.099	.092
1973	June	1,789	2,145	882	.153	.045	.112	.098	.091
1973	July	2,190	2,732	917	.154	.046	.110	.093	.088
1973	Aug.	2,198	3,461	1,160	.152	.047	.109	.080	.081
1973	Sept.	1,918	2,846	1,090	.152	.047	.110	.085	.084
1973	Oct.	1,545	2,955	1,410	.148	.049	.110	.074	.077
1973	Nov.	333	1,914	4,230	.128	.057	.110	.044	.056
1973	Dec.	227	1,399	4,530	.125	.058	.112	.045	.056
1974	Jan.	167	984	4,320	.124	.058	.116	.049	.059
1974	Feb.	132	719	4,020	.125	.058	.117	.052	.062
1974	Mar.	278	897	2,370	.131	.055	.116	.061	.068
1974	Apr.	885	1,339	1,110	.145	.048	.114	.088	.085
1974	May	2,160	2,445	832	.154	.045	.111	.099	.092
1974	June	1,908	2,372	914	.153	.046	.111	.095	.089
1974	July	2,025	3,223	1,170	.151	.047	.110	.080	.081
1974	Aug.	1,892	3,930	1,530	.149	.049	.108	.068	.073
1974	Sept.	2,321	4,487	1,420	.151	.049	.107	.069	.074
1974	Oct.	1,942	3,528	1,340	.151	.045	.120	.089	.102
1974	Nov.	324	1,276	2,900	.135	.052	.120	.063	.075
1974	Dec.	224	980	3,220	.131	.054	.119	.059	.069
1975	Jan.	151	754	3,670	.127	.055	.118	.055	.064
1975	Feb.	124	601	3,550	.126	.056	.117	.055	.062
1975	Mar.	119	534	3,300	.125	.057	.116	.056	.059
1975	Apr.	549	927	1,240	.140	.051	.116	.083	.078
1975	May	2,279	2,596	838	.153	.045	.116	.105	.101
1975	June	2,339	2,372	746	.154	.045	.116	.110	.100
1975	July	2,479	3,359	996	.154	.044	.118	.099	.106
1975	Aug.	2,561	3,932	1,130	.153	.044	.119	.096	.107
1975	Sept.	2,551	3,899	1,120	.154	.044	.119	.096	.107
1975	Oct.	2,325	3,989	1,260	.144	.043	.135	.091	.127
1975	Nov.	300	1,433	3,510	.130	.051	.130	.058	.085
1975	Dec.	200	1,027	3,770	.128	.053	.124	.055	.073
1976	Jan.	146	793	4,010	.126	.055	.120	.052	.066
1976	Feb.	117	643	4,050	.125	.056	.117	.051	.062
1976	Mar.	107	532	3,670	.126	.057	.112	.052	.057
1976	Apr.	1,308	1,828	1,030	.147	.047	.122	.095	.102
1976	May	1,993	2,848	1,050	.147	.044	.127	.096	.114
1976	June	2,110	2,472	861	.150	.045	.123	.103	.109
1976	July	2,204	3,433	1,150	.146	.043	.131	.093	.121
1976	Aug.	2,384	3,894	1,200	.145	.043	.134	.092	.126
1976	Sept.	2,307	4,105	1,310	.144	.042	.137	.089	.131
1976	Oct.	1,906	3,585	1,380	.140	.043	.138	.086	.131
1976	Nov.	275	1,168	3,120	.129	.052	.127	.059	.082
1976	Dec.	187	873	3,430	.127	.054	.122	.056	.071
1977	Jan.	125	616	3,620	.125	.057	.116	.053	.062
1977	Feb.	121	604	3,680	.125	.056	.118	.053	.064

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 14. 09152900 Adobe Creek near Fruita, Colo., water years 1973 through 1980--Continued										
1977	Mar.	342	870	1,870	0.135	0.052	0.120	0.070	0.079	0.544
1977	Apr.	1,759	2,602	1,090	.145	.044	.131	.093	.119	.468
1977	May	1,757	2,744	1,150	.144	.044	.132	.091	.120	.469
1977	June	2,001	3,161	1,160	.144	.043	.135	.091	.127	.460
1977	July	2,220	3,918	1,300	.141	.042	.138	.088	.135	.455
1977	Aug.	2,303	3,834	1,220	.142	.043	.137	.090	.134	.454
1977	Sept.	2,112	3,755	1,310	.141	.043	.138	.088	.134	.456
1977	Oct.	1,922	3,662	1,400	.134	.045	.141	.083	.127	.470
1977	Nov.	309	1,301	3,100	.120	.055	.128	.057	.084	.556
1977	Dec.	289	1,010	2,570	.126	.055	.123	.061	.077	.557
1978	Jan.	138	686	3,650	.120	.058	.117	.052	.062	.591
1978	Feb.	102	501	3,610	.121	.059	.113	.052	.058	.597
1978	Mar.	119	596	3,690	.120	.059	.115	.051	.059	.596
1978	Apr.	1,018	1,331	961	.147	.047	.127	.094	.101	.485
1978	May	2,194	2,255	756	.155	.043	.130	.108	.115	.449
1978	June	2,202	2,159	721	.156	.043	.130	.110	.115	.446
1978	July	2,479	2,664	790	.152	.043	.133	.106	.121	.446
1978	Aug.	2,481	3,658	1,080	.140	.044	.139	.093	.130	.454
1978	Sept.	2,434	3,553	1,070	.141	.043	.139	.093	.130	.454
1978	Oct.	2,350	3,501	1,100	.141	.046	.132	.090	.120	.472
1978	Nov.	313	1,229	2,890	.121	.059	.120	.055	.073	.572
1978	Dec.	196	948	3,560	.116	.062	.118	.049	.065	.590
1979	Jan.	122	643	3,880	.112	.065	.118	.048	.059	.598
1979	Feb.	117	596	3,760	.113	.064	.119	.049	.059	.595
1979	Mar.	248	1,158	3,430	.117	.061	.116	.049	.068	.589
1979	Apr.	385	1,367	2,610	.118	.059	.115	.053	.074	.581
1979	May	2,299	2,880	921	.142	.045	.135	.099	.120	.458
1979	June	2,511	2,283	669	.144	.043	.142	.120	.126	.425
1979	July	2,592	2,705	767	.143	.044	.139	.110	.125	.439
1979	Aug.	2,650	3,700	1,030	.142	.045	.132	.092	.123	.465
1979	Sept.	2,652	4,110	1,140	.142	.045	.129	.087	.123	.474
1979	Oct.	2,229	3,950	1,300	.140	.046	.127	.080	.117	.489
1979	Nov.	309	1,328	3,160	.120	.059	.118	.052	.073	.578
1979	Dec.	198	1,009	3,750	.116	.062	.116	.048	.065	.594
1980	Jan.	140	673	3,540	.114	.064	.120	.050	.062	.590
1980	Feb.	103	588	4,210	.111	.066	.117	.046	.057	.605
1980	Mar.	133	719	3,960	.112	.064	.117	.047	.059	.599
1980	Apr.	711	1,099	1,140	.132	.052	.134	.088	.097	.497
1980	May	2,003	1,676	615	.142	.043	.146	.128	.121	.419
1980	June	2,567	2,194	628	.144	.042	.143	.124	.127	.420

1980 July	2,583	2,890	823	.143	.044	.138	.106	.124	.445
1980 Aug.	2,473	3,775	1,120	.141	.045	.131	.088	.120	.474
1980 Sept.	2,263	3,867	1,260	.140	.046	.128	.082	.118	.485

Site 15. 09153300 Reed Wash near Loma, Colo., water years 1973 through 1983.

1973 Apr.	4,671	6,378	1,000	.152	.061	.096	.088	.065	.537
1973 May	9,652	13,260	1,010	.152	.056	.098	.089	.075	.529
1973 June	10,340	15,080	1,070	.152	.055	.098	.088	.077	.529
1973 July	9,049	14,730	1,200	.150	.056	.098	.084	.076	.536
1973 Aug.	10,120	17,250	1,250	.149	.055	.099	.082	.078	.537
1973 Sept.	10,310	20,180	1,440	.146	.054	.100	.077	.080	.543
1973 Oct.	8,680	17,230	1,460	.146	.055	.099	.077	.077	.546
1973 Nov.	1,668	8,846	3,900	.126	.059	.098	.047	.064	.606
1973 Dec.	962	5,784	4,420	.125	.063	.097	.045	.057	.614
1974 Jan.	678	5,848	6,340	.117	.062	.096	.037	.056	.632
1974 Feb.	493	3,678	5,490	.120	.065	.095	.040	.052	.627
1974 Mar.	872	3,455	2,910	.132	.067	.095	.053	.054	.598
1974 Apr.	4,645	6,981	1,110	.150	.061	.097	.085	.067	.541
1974 May	8,376	12,650	1,110	.152	.057	.098	.087	.074	.533
1974 June	8,737	15,510	1,310	.148	.055	.099	.081	.076	.540
1974 July	8,924	19,000	1,570	.145	.054	.099	.074	.078	.549
1974 Aug.	9,568	24,880	1,910	.140	.052	.100	.068	.082	.557
1974 Sept.	10,350	22,430	1,590	.144	.053	.100	.074	.082	.548
1974 Oct.	9,699	22,400	1,700	.149	.054	.106	.074	.088	.528
1974 Nov.	1,680	7,214	3,160	.134	.062	.099	.054	.062	.589
1974 Dec.	1,037	4,619	3,270	.131	.064	.096	.052	.055	.602
1975 Jan.	687	3,555	3,810	.127	.066	.094	.047	.050	.615
1975 Feb.	562	2,665	3,490	.127	.067	.093	.049	.049	.615
1975 Mar.	527	2,522	3,520	.127	.068	.092	.048	.047	.619
1975 Apr.	3,490	5,113	1,080	.148	.059	.096	.084	.072	.541
1975 May	8,353	10,520	926	.156	.055	.099	.095	.084	.511
1975 June	9,082	11,900	964	.156	.054	.100	.094	.086	.509
1975 July	9,180	15,040	1,200	.153	.054	.102	.086	.086	.518
1975 Aug.	9,065	18,050	1,460	.151	.055	.104	.079	.087	.525
1975 Sept.	10,630	21,490	1,490	.152	.054	.105	.079	.090	.520
1975 Oct.	8,856	21,340	1,770	.144	.054	.112	.072	.099	.519
1975 Nov.	1,440	7,530	3,840	.129	.063	.100	.048	.062	.597
1975 Dec.	845	4,909	4,270	.125	.065	.096	.044	.053	.616
1976 Jan.	617	3,704	4,420	.124	.067	.094	.043	.049	.624
1976 Feb.	637	3,486	4,020	.125	.066	.095	.045	.051	.618
1976 Mar.	474	2,611	4,050	.124	.067	.093	.044	.046	.626
1976 Apr.	4,881	7,372	1,110	.147	.055	.110	.087	.094	.508
1976 May	9,340	13,230	1,040	.150	.052	.113	.092	.107	.487
1976 June	9,418	13,590	1,060	.150	.052	.113	.091	.107	.487
1976 July	8,692	17,560	1,490	.146	.053	.112	.079	.102	.507
1976 Aug.	9,971	20,350	1,500	.146	.053	.113	.079	.105	.504
1976 Sept.	11,160	20,680	1,360	.148	.052	.114	.083	.109	.495
1976 Oct.	10,330	19,930	1,420	.145	.052	.118	.080	.114	.491
1976 Nov.	1,640	7,442	3,340	.132	.063	.103	.052	.066	.585
1976 Dec.	954	5,318	4,100	.127	.066	.097	.045	.055	.610
1977 Jan.	647	3,718	4,230	.125	.067	.094	.043	.051	.620
1977 Feb.	491	2,643	3,960	.125	.067	.092	.044	.051	.620

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 15. 09153300 Reed Wash near Loma, Colo., water years 1973 through 1983--Continued										
1977	Mar.	2,309	5,091	1,620	0.138	0.058	0.106	0.069	0.090	0.539
1977	Apr.	6,321	12,730	1,480	.144	.054	.115	.077	.105	.505
1977	May	9,348	17,940	1,410	.145	.052	.117	.080	.113	.492
1977	June	8,345	16,580	1,460	.144	.053	.117	.079	.110	.497
1977	July	9,370	20,560	1,610	.144	.053	.117	.076	.109	.501
1977	Aug.	8,987	17,710	1,450	.145	.053	.117	.079	.111	.495
1977	Sept.	10,470	20,000	1,410	.145	.052	.118	.081	.116	.488
1977	Oct.	10,080	24,910	1,820	.143	.055	.110	.068	.074	.551
1977	Nov.	11,728	8,900	3,790	.132	.063	.095	.046	.045	.619
1977	Dec.	2,630	8,809	2,460	.135	.060	.104	.058	.064	.579
1978	Jan.	728	3,827	3,870	.126	.066	.098	.046	.052	.612
1978	Feb.	535	2,754	3,780	.125	.067	.099	.046	.055	.607
1978	Mar.	670	3,439	3,770	.126	.066	.099	.046	.054	.608
1978	Apr.	4,066	5,627	1,020	.131	.053	.121	.087	.137	.470
1978	May	9,965	9,925	732	.134	.047	.130	.106	.170	.414
1978	June	9,995	11,200	824	.137	.048	.129	.101	.153	.432
1978	July	9,539	13,180	1,020	.139	.051	.125	.092	.129	.464
1978	Aug.	10,710	17,390	1,190	.142	.052	.121	.086	.110	.489
1978	Sept.	12,110	20,850	1,270	.144	.052	.120	.084	.101	.500
1978	Oct.	10,990	17,750	1,190	.149	.053	.111	.085	.084	.517
1978	Nov.	1,954	8,395	3,160	.138	.063	.091	.048	.048	.612
1978	Dec.	1,156	5,786	3,680	.134	.065	.090	.045	.047	.618
1979	Jan.	749	4,259	4,180	.130	.067	.089	.043	.046	.625
1979	Feb.	559	2,950	3,880	.129	.067	.092	.045	.053	.613
1979	Mar.	1,710	6,369	2,740	.139	.062	.095	.053	.054	.597
1979	Apr.	1,657	4,225	1,880	.132	.062	.101	.064	.076	.566
1979	May	8,483	7,704	668	.135	.048	.125	.119	.153	.421
1979	June	10,700	10,520	723	.140	.048	.123	.114	.134	.441
1979	July	10,950	15,200	1,020	.147	.052	.115	.093	.098	.495
1979	Aug.	11,210	17,040	1,120	.149	.053	.113	.088	.089	.509
1979	Sept.	11,360	16,900	1,090	.149	.052	.113	.089	.090	.507
1979	Oct.	9,806	19,290	1,450	.137	.053	.123	.083	.097	.506
1979	Nov.	1,863	7,652	3,020	.132	.061	.104	.050	.060	.592
1979	Dec.	1,085	5,262	3,570	.130	.064	.098	.043	.053	.612
1980	Jan.	1,069	4,244	2,920	.131	.063	.103	.047	.060	.596
1980	Feb.	762	4,158	4,010	.128	.065	.095	.039	.048	.625
1980	Mar.	732	3,575	3,590	.129	.065	.098	.041	.052	.615
1980	Apr.	3,836	8,760	1,680	.134	.057	.115	.070	.084	.541
1980	May	9,921	8,868	657	.134	.046	.141	.119	.155	.405
1980	June	10,330	10,470	745	.135	.047	.139	.114	.145	.421

1980	July	11,700	16,440	1,030	.137	.050	.132	.100	.121	.460
1980	Aug.	10,060	15,920	1,160	.137	.051	.130	.093	.112	.476
1980	Sept.	11,400	18,730	1,210	.137	.051	.129	.093	.110	.480
1980	Oct.	11,260	22,690	1,480	.134	.052	.125	.080	.137	.473
1980	Nov.	2,323	9,152	2,900	.129	.059	.108	.051	.102	.552
1980	Dec.	1,980	5,472	2,030	.135	.059	.110	.060	.091	.545
1981	Jan.	686	3,052	3,270	.131	.064	.099	.043	.067	.596
1981	Feb.	474	2,057	3,190	.132	.064	.097	.043	.062	.602
1981	Mar.	2,996	6,694	1,640	.136	.056	.117	.071	.105	.515
1981	Apr.	7,270	10,910	1,100	.141	.051	.127	.093	.121	.466
1981	May	10,690	15,460	1,060	.140	.050	.129	.097	.131	.453
1981	June	9,154	12,260	985	.142	.050	.130	.100	.126	.452
1981	July	11,490	18,940	1,210	.138	.050	.128	.090	.135	.459
1981	Aug.	12,230	19,240	1,160	.138	.050	.129	.092	.137	.454
1981	Sept.	11,620	16,870	1,070	.139	.049	.130	.097	.135	.450
1981	Oct.	11,050	17,690	1,180	.136	.050	.134	.092	.143	.445
1981	Nov.	2,366	6,062	1,880	.131	.057	.123	.064	.106	.519
1981	Dec.	1,943	5,046	1,910	.133	.058	.119	.061	.097	.533
1982	Jan.	532	2,717	3,760	.122	.064	.107	.036	.068	.603
1982	Feb.	392	2,112	3,960	.122	.065	.106	.035	.065	.607
1982	Mar.	342	2,006	4,320	.120	.066	.105	.033	.062	.615
1982	Apr.	4,672	4,775	752	.174	.053	.111	.115	.088	.459
1982	May	10,230	14,010	1,010	.146	.050	.129	.101	.131	.443
1982	June	10,700	15,080	1,040	.143	.050	.131	.100	.136	.441
1982	July	11,110	17,030	1,130	.138	.050	.133	.094	.141	.444
1982	Aug.	11,680	18,670	1,180	.135	.050	.134	.092	.146	.443
1982	Sept.	11,890	17,710	1,100	.138	.049	.134	.096	.145	.438
1982	Oct.	9,957	15,770	1,160	.139	.050	.132	.092	.137	.450
1982	Nov.	2,630	6,666	1,860	.130	.057	.123	.106	.106	.522
1982	Dec.	1,883	5,103	1,990	.131	.058	.118	.059	.094	.540
1983	Jan.	500	2,589	3,810	.122	.064	.106	.036	.067	.605
1983	Feb.	365	1,977	3,980	.123	.065	.103	.034	.062	.613
1983	Mar.	317	1,796	4,170	.123	.065	.100	.032	.057	.622
1983	Apr.	5,076	8,043	1,170	.148	.053	.123	.090	.112	.473
1983	May	8,134	11,680	1,060	.149	.051	.126	.097	.122	.454
1983	June	8,180	10,630	955	.154	.051	.124	.104	.118	.448
1983	July	8,271	12,340	1,100	.146	.051	.128	.095	.125	.454
1983	Aug.	9,874	16,470	1,230	.136	.051	.133	.089	.140	.452
1983	Sept.	8,886	15,310	1,270	.135	.051	.133	.087	.138	.456

Site 16. 09163340 Mack Wash near Mack, Colo., water years 1974 through 1982.

1973	Oct.	5,709	6,316	814	.142	.040	.134	.088	.146	.451
1973	Nov.	284	1,437	3,730	.160	.044	.074	.033	.051	.637
1973	Dec.	176	789	3,290	.167	.046	.074	.039	.050	.624
1974	Jan.	154	689	3,290	.168	.046	.073	.039	.050	.624
1974	Feb.	119	540	3,330	.169	.046	.073	.039	.049	.625
1974	Mar.	110	469	3,130	.170	.047	.074	.041	.050	.618
1974	Apr.	4,254	5,017	867	.142	.040	.131	.083	.142	.462
1974	May	800	1,331	1,220	.156	.043	.108	.069	.102	.523
1974	June	1,422	1,764	912	.150	.042	.121	.084	.124	.479
1974	July	856	1,644	1,410	.157	.043	.105	.064	.095	.536
1974	Aug.	789	1,231	1,150	.155	.043	.114	.075	.108	.504

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 16. 09163340 Mack Wash near Mack, Colo., water years 1974 through 1982--Continued										
1974	Sept.	3,357	4,142	907	0.146	0.041	0.128	0.084	0.134	0.467
1974	Oct.	4,974	6,043	893	.144	.040	.130	.083	.138	.465
1974	Nov.	196	752	2,820	.167	.046	.079	.043	.056	.608
1974	Dec.	151	578	2,820	.169	.046	.078	.044	.055	.608
1975	Jan.	139	602	3,180	.169	.046	.074	.040	.051	.620
1975	Feb.	117	487	3,060	.169	.046	.075	.041	.052	.616
1975	Mar.	112	452	2,960	.170	.047	.076	.043	.052	.612
1975	Apr.	4,380	4,580	769	.139	.039	.136	.088	.152	.446
1975	May	2,214	2,095	696	.143	.040	.135	.099	.150	.433
1975	June	2,604	2,670	754	.145	.040	.131	.094	.142	.448
1975	July	771	1,253	1,200	.157	.043	.108	.072	.101	.519
1975	Aug.	410	903	1,620	.162	.045	.094	.059	.079	.561
1975	Sept.	1,588	1,968	912	.150	.042	.123	.085	.126	.474
1975	Oct.	4,253	4,746	821	.131	.036	.161	.096	.191	.385
1975	Nov.	167	694	3,050	.168	.045	.078	.042	.058	.608
1975	Dec.	140	645	3,380	.169	.045	.074	.039	.053	.621
1976	Jan.	122	551	3,320	.170	.045	.072	.039	.051	.622
1976	Feb.	109	483	3,260	.170	.046	.072	.040	.051	.621
1976	Mar.	792	1,379	1,280	.147	.040	.130	.073	.136	.475
1976	Apr.	3,850	3,890	743	.125	.035	.168	.100	.210	.364
1976	May	1,842	1,950	778	.140	.038	.147	.099	.168	.408
1976	June	1,689	1,639	713	.140	.038	.146	.104	.169	.401
1976	July	683	1,135	1,220	.153	.042	.120	.074	.121	.491
1976	Aug.	870	1,634	1,380	.153	.042	.122	.072	.119	.492
1976	Sept.	4,701	4,926	771	.128	.036	.165	.099	.200	.373
1976	Oct.	4,678	4,949	778	.125	.033	.176	.100	.218	.348
1976	Nov.	147	586	2,940	.169	.045	.079	.043	.060	.603
1976	Dec.	125	524	3,080	.170	.045	.075	.042	.056	.612
1977	Jan.	111	503	3,340	.170	.045	.072	.039	.052	.621
1977	Feb.	84	348	3,060	.172	.046	.071	.041	.052	.618
1977	Mar.	2,065	2,713	966	.130	.034	.167	.088	.199	.383
1977	Apr.	1,582	2,269	1,050	.141	.037	.152	.086	.168	.416
1977	May	1,798	2,409	985	.140	.037	.151	.089	.169	.413
1977	June	1,060	1,375	954	.142	.038	.145	.089	.163	.423
1977	July	1,920	3,073	1,180	.139	.036	.154	.081	.170	.420
1977	Aug.	2,042	3,304	1,190	.137	.036	.156	.080	.174	.417
1977	Sept.	5,861	7,246	909	.126	.033	.176	.093	.212	.360
1977	Oct.	5,536	5,714	759	.126	.035	.168	.113	.210	.348
1977	Nov.	142	545	2,830	.172	.047	.074	.047	.067	.593
1977	Dec.	131	507	2,840	.174	.047	.073	.045	.065	.596

1978 Jan.	118	451	2,800	.175	.046	.075	.044	.064	.596
1978 Feb.	95	377	2,910	.175	.046	.072	.043	.061	.602
1978 Mar.	114	452	2,920	.174	.047	.072	.044	.062	.601
1978 Apr.	3,831	3,645	700	.122	.034	.171	.116	.220	.337
1978 May	3,602	3,649	745	.133	.035	.178	.103	.192	.359
1978 June	1,995	2,195	809	.140	.036	.171	.094	.174	.385
1978 July	132	490	2,730	.174	.046	.076	.046	.066	.592
1978 Aug.	129	497	2,820	.174	.047	.074	.045	.065	.596
1978 Sept.	2,287	2,742	882	.137	.037	.159	.100	.180	.387
1978 Oct.	2,239	2,769	909	.149	.043	.134	.103	.140	.432
1978 Nov.	107	474	3,250	.173	.049	.068	.046	.062	.602
1978 Dec.	121	481	2,910	.172	.049	.068	.048	.061	.601
1979 Jan.	107	441	3,020	.173	.049	.066	.047	.058	.607
1979 Feb.	85	359	3,120	.173	.049	.063	.046	.055	.614
1979 Mar.	99	404	3,010	.173	.049	.064	.047	.056	.612
1979 Apr.	1,827	2,549	1,030	.132	.038	.170	.093	.211	.356
1979 May	6,998	6,271	659	.131	.038	.167	.121	.191	.352
1979 June	1,992	1,817	671	.147	.042	.127	.117	.126	.441
1979 July	127	500	2,890	.172	.049	.069	.049	.062	.598
1979 Aug.	1,095	1,371	920	.153	.044	.119	.098	.119	.468
1979 Sept.	1,973	2,338	871	.146	.042	.139	.105	.148	.422
1979 Oct.	4,325	4,711	801	.141	.043	.152	.107	.157	.400
1979 Nov.	139	538	2,840	.171	.050	.074	.050	.062	.593
1979 Dec.	109	421	2,830	.171	.049	.068	.049	.057	.606
1980 Jan.	99	390	2,910	.171	.049	.066	.048	.056	.610
1980 Feb.	91	306	2,470	.170	.047	.064	.053	.055	.610
1980 Mar.	116	442	2,800	.171	.049	.069	.050	.059	.603
1980 Apr.	3,184	3,309	764	.137	.043	.162	.107	.168	.383
1980 May	4,308	3,814	651	.139	.041	.146	.119	.156	.398
1980 June	631	1,111	1,290	.161	.047	.099	.078	.094	.520
1980 July	840	1,285	1,120	.156	.045	.111	.088	.109	.490
1980 Aug.	535	907	1,250	.157	.046	.109	.081	.106	.501
1980 Sept.	3,354	3,604	790	.142	.043	.146	.108	.151	.410
1980 Oct.	873	1,465	1,230	.149	.046	.128	.081	.116	.481
1980 Nov.	132	534	2,990	.161	.049	.085	.048	.052	.604
1980 Dec.	110	452	3,020	.162	.048	.081	.047	.048	.614
1981 Jan.	94	388	3,040	.162	.048	.077	.046	.046	.621
1981 Feb.	87	359	3,020	.162	.048	.078	.046	.046	.619
1981 Mar.	90	368	3,010	.163	.048	.076	.046	.045	.622
1981 Apr.	1,399	2,180	1,150	.143	.045	.142	.085	.136	.449
1981 May	2,750	3,374	902	.141	.044	.146	.097	.150	.422
1981 June	1,101	1,733	1,160	.149	.046	.126	.083	.115	.482
1981 July	1,835	2,627	1,050	.145	.045	.138	.090	.133	.449
1981 Aug.	943	1,671	1,300	.149	.046	.129	.079	.115	.482
1981 Sept.	5,195	5,903	836	.133	.042	.162	.102	.176	.385
1981 Oct.	6,377	5,591	645	.128	.040	.163	.113	.195	.361
1981 Nov.	137	493	2,650	.162	.048	.085	.051	.053	.601
1981 Dec.	78	333	3,140	.163	.048	.074	.045	.043	.628
1982 Jan.	80	339	3,140	.163	.048	.074	.045	.043	.628
1982 Feb.	88	357	2,980	.162	.048	.078	.047	.047	.618
1982 Mar.	124	484	2,870	.162	.048	.084	.049	.051	.606
1982 Apr.	2,254	2,433	794	.137	.042	.149	.102	.164	.407
1982 May	1,282	1,526	875	.149	.044	.123	.096	.123	.465
1982 June	2,256	2,216	722	.142	.042	.135	.106	.148	.426

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 16. 09163340 Mack Wash near Mack, Colo., water years 1973 through 1983.										
1974 through 1982--Continued										
1982	July	413	686	1,220	0.159	0.045	0.097	0.077	0.082	0.540
1982	Aug.	1,719	2,147	919	.145	.044	.134	.095	.135	.448
1982	Sept.	8,005	6,530	600	.125	.039	.166	.117	.205	.348
Site 17. 09163490 Salt Creek near Mack, Colo., water years 1973 through 1983.										
1973	Apr.	6,056	10,220	1,240	.135	.056	.109	.074	.078	.547
1973	May	11,760	12,160	760	.141	.054	.112	.110	.082	.500
1973	June	11,070	13,220	878	.142	.055	.110	.097	.084	.512
1973	July	7,002	13,840	1,450	.138	.056	.108	.068	.080	.549
1973	Aug.	6,266	12,540	1,470	.136	.056	.110	.070	.076	.552
1973	Sept.	9,999	14,620	1,070	.143	.055	.107	.082	.087	.526
1973	Oct.	12,440	19,950	1,180	.146	.054	.104	.073	.094	.529
1973	Nov.	1,613	9,840	4,490	.118	.058	.105	.032	.060	.628
1973	Dec.	871	5,708	4,820	.109	.059	.113	.036	.047	.636
1974	Jan.	648	4,820	5,470	.105	.060	.114	.034	.043	.644
1974	Feb.	452	3,388	5,510	.101	.060	.118	.035	.039	.647
1974	Mar.	1,071	5,066	3,480	.112	.059	.117	.045	.049	.619
1974	Apr.	5,930	8,070	1,000	.131	.056	.114	.091	.071	.538
1974	May	4,447	6,590	1,090	.128	.057	.120	.099	.063	.533
1974	June	6,599	10,250	1,140	.136	.056	.113	.086	.075	.534
1974	July	6,317	13,360	1,550	.137	.056	.108	.065	.080	.554
1974	Aug.	6,899	14,890	1,590	.138	.056	.107	.063	.082	.554
1974	Sept.	9,279	17,490	1,390	.143	.055	.105	.066	.088	.543
1974	Oct.	10,930	20,140	1,350	.141	.055	.110	.079	.081	.533
1974	Nov.	1,478	7,136	3,550	.121	.060	.109	.047	.053	.611
1974	Dec.	893	4,219	3,480	.118	.059	.112	.048	.052	.611
1975	Jan.	706	4,199	4,370	.114	.060	.110	.042	.047	.627
1975	Feb.	651	3,326	3,760	.116	.060	.112	.046	.050	.617
1975	Mar.	1,034	4,189	2,980	.120	.059	.113	.052	.055	.601
1975	Apr.	6,629	10,880	1,210	.140	.055	.110	.083	.082	.530
1975	May	9,324	10,190	804	.144	.052	.114	.106	.096	.488
1975	June	10,020	11,620	853	.144	.053	.113	.102	.095	.493
1975	July	6,720	10,080	1,100	.140	.054	.114	.090	.086	.517
1975	Aug.	6,137	11,430	1,370	.138	.055	.113	.080	.079	.535
1975	Sept.	8,829	15,870	1,320	.141	.055	.111	.081	.082	.531
1975	Oct.	9,983	18,210	1,340	.138	.053	.122	.081	.100	.505
1975	Nov.	1,303	7,085	4,000	.122	.061	.109	.044	.054	.610
1975	Dec.	1,079	6,181	4,210	.120	.061	.109	.043	.052	.615

1976 Jan.	754	4,324	4,220	.119	.061	.109	.043	.051	.617
1976 Feb.	1,214	6,832	4,140	.122	.061	.108	.043	.055	.610
1976 Mar.	1,511	5,201	2,530	.125	.059	.115	.056	.066	.580
1976 Apr.	7,049	9,924	1,040	.137	.052	.124	.052	.107	.488
1976 May	7,367	9,291	927	.138	.051	.127	.099	.112	.474
1976 June	7,831	10,510	987	.138	.051	.126	.096	.110	.479
1976 July	5,935	10,790	1,340	.136	.053	.123	.082	.096	.510
1976 Aug.	7,690	14,600	1,400	.137	.053	.122	.080	.096	.511
1976 Sept.	12,030	18,050	1,100	.139	.051	.124	.090	.109	.487
1976 Oct.	10,710	17,110	1,180	.139	.050	.126	.082	.120	.482
1976 Nov.	1,248	6,169	3,640	.122	.061	.111	.047	.057	.602
1976 Dec.	831	4,426	3,920	.120	.062	.109	.045	.053	.611
1977 Jan.	644	3,446	3,930	.118	.062	.109	.045	.051	.614
1977 Feb.	562	2,843	3,720	.119	.062	.110	.046	.053	.610
1977 Mar.	4,246	10,510	1,820	.135	.054	.120	.066	.095	.529
1977 Apr.	5,141	9,672	1,380	.137	.052	.126	.077	.105	.503
1977 May	7,994	14,330	1,320	.138	.051	.126	.079	.112	.494
1977 June	6,956	13,870	1,470	.137	.052	.124	.075	.105	.507
1977 July	9,731	19,030	1,440	.139	.052	.124	.075	.109	.501
1977 Aug.	7,924	15,190	1,410	.138	.052	.125	.076	.108	.502
1977 Sept.	13,950	23,130	1,220	.141	.050	.126	.082	.121	.480
1977 Oct.	11,440	22,720	1,460	.124	.054	.135	.082	.102	.503
1977 Nov.	1,640	8,192	3,670	.118	.064	.116	.049	.060	.593
1977 Dec.	873	5,208	4,390	.117	.064	.109	.042	.051	.616
1978 Jan.	720	4,012	4,100	.118	.063	.108	.042	.051	.618
1978 Feb.	571	3,352	4,320	.118	.063	.107	.040	.049	.622
1978 Mar.	967	3,302	2,510	.124	.057	.115	.050	.062	.592
1978 Apr.	6,813	12,760	1,380	.124	.054	.131	.077	.096	.517
1978 May	10,650	9,096	628	.133	.042	.140	.102	.127	.456
1978 June	8,364	8,723	767	.132	.044	.138	.095	.118	.473
1978 July	6,087	9,596	1,160	.129	.049	.134	.081	.100	.506
1978 Aug.	6,992	12,850	1,350	.127	.052	.134	.079	.098	.510
1978 Sept.	9,620	17,490	1,340	.126	.052	.136	.083	.103	.500
1978 Oct.	8,940	17,470	1,440	.119	.056	.136	.083	.090	.516
1978 Nov.	1,987	7,941	2,940	.112	.064	.124	.053	.063	.584
1978 Dec.	1,166	5,760	3,630	.112	.064	.116	.046	.054	.608
1979 Jan.	506	2,909	4,230	.115	.062	.102	.037	.043	.641
1979 Feb.	458	2,522	4,050	.116	.061	.101	.038	.043	.641
1979 Mar.	2,590	7,600	2,160	.118	.059	.123	.061	.068	.570
1979 Apr.	4,310	7,554	1,290	.123	.056	.120	.072	.072	.557
1979 May	16,930	20,070	872	.126	.050	.134	.103	.103	.484
1979 June	9,100	9,642	779	.139	.046	.119	.097	.088	.511
1979 July	6,139	8,577	1,030	.136	.049	.118	.084	.079	.535
1979 Aug.	8,809	14,560	1,220	.124	.053	.130	.086	.089	.517
1979 Sept.	11,200	15,580	1,020	.127	.051	.131	.094	.095	.503
1979 Oct.	10,660	18,640	1,290	.120	.056	.134	.089	.096	.504
1979 Nov.	1,535	7,657	3,670	.105	.064	.126	.047	.059	.598
1979 Dec.	1,000	5,180	3,810	.106	.061	.122	.043	.054	.615
1980 Jan.	891	3,945	3,260	.109	.057	.120	.044	.054	.616
1980 Feb.	1,346	5,411	2,960	.108	.061	.125	.051	.061	.594
1980 Mar.	1,029	4,963	3,550	.107	.060	.122	.044	.055	.613
1980 Apr.	6,692	10,080	1,110	.122	.053	.130	.087	.092	.516
1980 May	18,780	19,700	771	.129	.048	.133	.112	.112	.466
1980 June	7,829	10,530	989	.130	.048	.130	.091	.094	.507

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 17. 09163490 Salt Creek near Mack, Colo., water years 1973 through 1983--Continued										
1980	July	7,476	10,550	1,040	0.129	0.049	0.130	0.088	0.092	0.513
1980	Aug.	6,887	12,320	1,320	.123	.053	.131	.082	.089	.522
1980	Sept.	10,310	17,930	1,280	.121	.055	.134	.089	.096	.504
1980	Oct.	6,863	14,970	1,600	.127	.052	.135	.079	.120	.486
1980	Nov.	1,262	6,605	3,850	.109	.061	.129	.045	.066	.590
1980	Dec.	849	4,922	4,260	.103	.062	.121	.039	.053	.623
1981	Jan.	775	4,759	4,510	.102	.063	.121	.037	.051	.626
1981	Feb.	579	3,768	4,780	.099	.063	.118	.035	.047	.638
1981	Mar.	563	3,770	4,930	.097	.063	.115	.033	.043	.647
1981	Apr.	4,188	7,244	1,270	.122	.052	.119	.074	.081	.551
1981	May	8,267	12,860	1,140	.130	.050	.127	.087	.105	.501
1981	June	5,933	10,140	1,260	.127	.051	.124	.080	.093	.524
1981	July	7,069	12,580	1,310	.128	.051	.128	.082	.103	.507
1981	Aug.	7,047	12,020	1,250	.128	.051	.127	.082	.099	.513
1981	Sept.	14,420	19,800	1,010	.135	.047	.132	.101	.138	.448
1981	Oct.	15,060	19,940	973	.131	.046	.120	.097	.115	.492
1981	Nov.	1,222	5,445	3,280	.107	.059	.118	.045	.056	.614
1981	Dec.	996	5,732	4,230	.105	.060	.127	.040	.062	.606
1982	Jan.	718	4,478	4,590	.101	.061	.120	.037	.051	.629
1982	Feb.	932	4,241	3,350	.105	.059	.115	.043	.051	.627
1982	Mar.	762	4,397	4,250	.102	.061	.118	.038	.049	.632
1982	Apr.	5,646	11,650	1,520	.123	.050	.125	.075	.106	.522
1982	May	7,543	13,650	1,330	.126	.049	.118	.080	.089	.537
1982	June	7,666	12,140	1,160	.127	.049	.112	.084	.080	.548
1982	July	5,524	11,430	1,520	.123	.051	.118	.073	.080	.555
1982	Aug.	9,025	15,970	1,300	.127	.048	.123	.082	.104	.515
1982	Sept.	14,580	20,710	1,040	.130	.046	.124	.094	.123	.484
1982	Oct.	14,180	20,430	1,060	.130	.046	.123	.093	.116	.492
1982	Nov.	1,698	7,264	3,150	.110	.058	.129	.048	.075	.580
1982	Dec.	974	6,369	4,810	.104	.061	.135	.038	.072	.590
1983	Jan.	645	4,460	5,080	.100	.062	.124	.035	.054	.625
1983	Feb.	662	3,780	4,200	.101	.061	.116	.038	.047	.636
1983	Mar.	1,529	6,086	2,930	.109	.057	.121	.049	.068	.596
1983	Apr.	8,906	17,550	1,450	.124	.048	.131	.078	.133	.486
1983	May	11,120	17,050	1,130	.129	.047	.120	.089	.102	.513
1983	June	13,590	18,120	980	.131	.046	.118	.096	.106	.503
1983	July	11,810	16,500	1,030	.130	.047	.117	.092	.099	.515
1983	Aug.	11,960	19,320	1,190	.125	.047	.130	.084	.132	.483
1983	Sept.	9,906	15,880	1,180	.128	.048	.120	.087	.100	.517

Site 18. 09163500 Colorado River near Colo.-Utah state line,
water years 1962 through 1983.

1961	Oct.	314,600	308,700	722	.145	.043	.140	.138	.105	.430
1961	Nov.	236,700	267,700	832	.136	.043	.146	.124	.113	.438
1961	Dec.	191,200	247,800	953	.127	.043	.152	.111	.121	.445
1962	Jan.	173,700	237,500	1,010	.124	.043	.154	.106	.125	.448
1962	Feb.	229,900	252,100	806	.137	.043	.145	.126	.112	.437
1962	Mar.	224,400	265,800	871	.133	.043	.148	.119	.116	.441
1962	Apr.	893,100	455,900	375	.182	.041	.113	.211	.075	.379
1962	May	1,455,000	598,900	303	.199	.040	.101	.246	.061	.354
1962	June	1,368,000	577,800	311	.198	.040	.101	.243	.062	.356
1962	July	737,900	436,100	435	.175	.042	.119	.194	.080	.391
1962	Aug.	201,500	252,300	921	.129	.043	.151	.114	.120	.444
1962	Sept.	170,600	230,700	994	.124	.043	.154	.107	.124	.447
1962	Oct.	257,300	282,700	808	.138	.043	.145	.126	.111	.437
1962	Nov.	235,200	266,900	834	.136	.043	.146	.123	.113	.438
1962	Dec.	177,400	239,400	992	.125	.043	.154	.107	.124	.447
1963	Jan.	162,300	230,400	1,040	.122	.043	.156	.103	.127	.449
1963	Feb.	175,000	224,000	941	.128	.043	.152	.112	.121	.445
1963	Mar.	185,200	242,000	961	.126	.043	.153	.109	.123	.446
1963	Apr.	193,900	241,900	917	.129	.043	.151	.113	.120	.443
1963	May	466,000	359,300	567	.159	.042	.130	.162	.093	.413
1963	June	311,000	298,400	706	.146	.043	.140	.139	.104	.428
1963	July	106,400	191,100	1,320	.108	.042	.165	.085	.142	.458
1963	Aug.	150,800	221,000	1,080	.119	.043	.158	.100	.130	.451
1963	Sept.	165,000	227,500	1,010	.123	.043	.155	.105	.125	.448
1963	Oct.	134,400	213,200	1,170	.117	.045	.157	.093	.142	.446
1963	Nov.	174,000	233,900	988	.126	.047	.150	.105	.129	.443
1963	Dec.	126,000	208,500	1,220	.115	.045	.159	.090	.144	.447
1964	Jan.	115,100	200,700	1,280	.112	.045	.161	.087	.148	.447
1964	Feb.	104,400	185,600	1,310	.111	.045	.162	.086	.149	.448
1964	Mar.	122,000	205,800	1,240	.114	.045	.160	.089	.146	.447
1964	Apr.	177,400	235,100	974	.127	.047	.150	.106	.128	.442
1964	May	769,700	405,700	388	.172	.049	.114	.186	.081	.397
1964	June	749,500	426,900	419	.174	.050	.113	.185	.077	.401
1964	July	267,700	280,700	771	.139	.048	.141	.124	.114	.435
1964	Aug.	219,800	260,600	872	.133	.047	.146	.114	.121	.439
1964	Sept.	152,100	220,600	1,070	.122	.046	.154	.099	.135	.444
1964	Oct.	148,700	241,400	1,190	.120	.046	.155	.097	.137	.445
1964	Nov.	171,900	249,500	1,070	.126	.047	.151	.105	.129	.443
1964	Dec.	169,100	252,200	1,100	.124	.046	.152	.102	.132	.443
1965	Jan.	158,700	247,200	1,150	.122	.046	.153	.100	.134	.445
1965	Feb.	132,000	216,400	1,210	.120	.046	.155	.096	.138	.445
1965	Mar.	147,900	240,700	1,200	.120	.046	.155	.097	.137	.445
1965	Apr.	397,300	333,400	617	.153	.049	.130	.147	.099	.423
1965	May	1,038,000	494,300	350	.184	.050	.105	.205	.068	.388
1965	June	1,555,000	565,700	267	.197	.050	.094	.236	.057	.366
1965	July	1,051,000	500,600	350	.184	.050	.105	.205	.068	.388
1965	Aug.	407,500	345,800	624	.153	.049	.130	.146	.099	.424
1965	Sept.	336,300	319,900	700	.148	.049	.134	.137	.103	.429
1965	Oct.	308,300	316,600	755	.148	.050	.130	.129	.099	.444
1965	Nov.	225,300	276,700	903	.139	.049	.136	.114	.107	.454
1965	Dec.	219,300	279,400	937	.137	.049	.137	.111	.109	.456

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Ca	Mg	NaK	HCO ₃	Cl	SO ₄
			Load (tons)	Concen- tration (mg/L)						
Site 18. 09163500 Colorado River near Colo.-Utah state line, water years 1962 through 1983--Continued										
1966	Jan.	170,300	253,800	1,100	0.129	0.049	0.141	0.100	0.117	0.464
1966	Feb.	153,400	229,900	1,100	.130	.049	.141	.100	.117	.464
1966	Mar.	222,800	280,100	924	.138	.049	.136	.112	.109	.455
1966	Apr.	296,500	305,100	757	.148	.050	.130	.128	.099	.444
1966	May	553,100	391,100	520	.166	.051	.118	.163	.083	.419
1966	June	369,800	329,400	655	.154	.050	.126	.141	.093	.436
1966	July	173,900	255,300	1,080	.130	.049	.141	.101	.117	.463
1966	Aug.	118,600	222,700	1,380	.119	.047	.148	.085	.128	.473
1966	Sept.	147,300	236,500	1,180	.126	.048	.143	.095	.120	.467
1966	Oct.	174,900	248,400	1,040	.125	.051	.139	.101	.112	.471
1966	Nov.	152,800	231,600	1,110	.122	.051	.141	.097	.114	.476
1966	Dec.	161,700	239,100	1,090	.123	.051	.140	.098	.113	.475
1967	Jan.	138,600	227,400	1,210	.119	.051	.142	.091	.115	.481
1967	Feb.	131,500	209,500	1,170	.120	.051	.142	.093	.115	.479
1967	Mar.	173,100	247,200	1,050	.125	.051	.139	.101	.112	.472
1967	Apr.	187,200	249,300	979	.128	.051	.138	.106	.110	.466
1967	May	424,200	323,100	560	.148	.050	.126	.151	.097	.427
1967	June	682,100	407,400	439	.165	.050	.117	.186	.087	.395
1967	July	303,800	304,500	737	.141	.051	.131	.130	.102	.444
1967	Aug.	157,400	235,900	1,100	.122	.051	.141	.096	.114	.476
1967	Sept.	174,100	242,600	1,020	.126	.051	.139	.103	.111	.470
1967	Oct.	174,600	260,300	1,100	.122	.052	.143	.101	.117	.467
1967	Nov.	217,900	277,000	935	.128	.052	.140	.114	.113	.453
1967	Dec.	256,700	300,000	860	.132	.052	.139	.121	.111	.446
1968	Jan.	203,800	274,400	990	.125	.052	.141	.109	.114	.459
1968	Feb.	198,000	261,600	972	.127	.052	.141	.110	.114	.456
1968	Mar.	174,300	260,000	1,100	.122	.052	.143	.101	.117	.467
1968	Apr.	193,900	264,800	1,000	.125	.052	.141	.108	.115	.459
1968	May	546,900	392,300	527	.150	.052	.130	.170	.098	.401
1968	June	995,500	485,400	359	.165	.051	.120	.221	.086	.358
1968	July	281,100	307,800	805	.134	.052	.138	.126	.109	.441
1968	Aug.	322,700	322,000	734	.137	.052	.136	.135	.107	.433
1968	Sept.	157,300	245,000	1,150	.120	.052	.143	.097	.118	.470
1968	Oct.	217,200	283,500	960	.121	.052	.147	.116	.125	.439
1968	Nov.	260,200	293,600	830	.127	.052	.144	.128	.120	.429
1968	Dec.	257,500	299,500	855	.126	.052	.144	.125	.121	.431
1969	Jan.	268,600	303,200	830	.127	.052	.144	.128	.120	.430
1969	Feb.	184,700	250,200	996	.119	.052	.148	.113	.126	.442
1969	Mar.	251,300	297,100	869	.125	.052	.145	.124	.121	.433
1969	Apr.	523,400	362,200	509	.148	.050	.133	.172	.104	.394

1969 May	829,300	434,300	385	.162	.049	.125	.203	.093	.369
1969 June	680,600	397,400	429	.157	.049	.128	.191	.097	.379
1969 July	421,800	345,900	603	.140	.051	.137	.155	.109	.407
1969 Aug.	194,700	273,000	1,030	.117	.052	.148	.111	.127	.444
1969 Sept.	238,400	285,300	880	.124	.052	.145	.123	.122	.434
1969 Oct.	335,300	322,900	708	.134	.050	.143	.142	.115	.416
1969 Nov.	302,500	302,500	774	.130	.050	.147	.136	.118	.421
1969 Dec.	257,600	300,300	857	.126	.050	.147	.128	.122	.426
1970 Jan.	234,900	292,800	916	.123	.051	.149	.123	.125	.429
1970 Feb.	218,800	266,900	897	.124	.051	.148	.125	.124	.428
1970 Mar.	274,400	305,800	820	.128	.050	.146	.131	.121	.424
1970 Apr.	285,900	300,600	773	.130	.050	.145	.135	.119	.421
1970 May	1,213,000	450,500	273	.169	.046	.117	.232	.081	.356
1970 June	1,275,000	456,700	263	.172	.045	.115	.238	.078	.351
1970 July	516,400	358,600	511	.145	.049	.135	.169	.103	.398
1970 Aug.	239,000	294,000	904	.124	.051	.148	.124	.125	.429
1970 Sept.	350,400	317,600	666	.136	.050	.141	.147	.113	.413
1970 Oct.	344,500	285,800	610	.137	.048	.138	.141	.113	.422
1970 Nov.	324,100	274,000	622	.136	.048	.139	.140	.114	.423
1971 Jan.	324,100	279,400	634	.136	.049	.140	.138	.114	.424
1971 Feb.	320,600	261,000	599	.138	.048	.138	.143	.112	.421
1971 Mar.	397,500	300,600	556	.141	.048	.136	.149	.110	.417
1971 Apr.	536,300	327,800	449	.149	.047	.129	.168	.102	.405
1971 May	711,400	370,200	383	.155	.046	.124	.183	.097	.395
1971 June	1,071,000	423,500	291	.166	.044	.115	.212	.087	.376
1971 July	519,900	329,100	465	.147	.047	.131	.164	.104	.407
1971 Aug.	238,500	249,500	769	.128	.049	.145	.123	.121	.433
1971 Sept.	278,600	259,000	684	.133	.049	.142	.132	.117	.427
1971 Oct.	267,700	288,600	793	.133	.046	.138	.118	.105	.461
1971 Nov.	274,900	284,600	761	.134	.046	.137	.121	.104	.458
1971 Dec.	267,100	288,300	794	.133	.046	.138	.118	.105	.461
1972 Jan.	238,800	278,800	859	.130	.046	.140	.112	.107	.466
1972 Feb.	224,600	261,300	856	.130	.046	.139	.112	.107	.466
1972 Mar.	258,800	250,100	711	.126	.045	.150	.122	.130	.427
1972 Apr.	197,800	179,700	668	.110	.042	.177	.119	.183	.368
1972 May	454,200	311,600	505	.141	.046	.135	.153	.109	.416
1972 June	732,400	366,700	368	.153	.046	.122	.188	.095	.396
1972 July	192,800	252,800	964	.124	.045	.145	.103	.114	.469
1972 Aug.	131,100	207,900	1,170	.113	.043	.160	.089	.136	.459
1972 Sept.	215,300	253,600	866	.127	.045	.144	.110	.114	.459
1972 Oct.	284,300	350,900	908	.137	.047	.121	.105	.085	.506
1972 Nov.	289,900	348,600	884	.137	.047	.121	.107	.084	.505
1972 Dec.	284,600	287,100	742	.137	.046	.131	.120	.103	.463
1973 Jan.	276,400	281,900	750	.137	.046	.132	.120	.104	.461
1973 Feb.	199,500	249,600	920	.132	.046	.133	.106	.103	.480
1973 Mar.	221,500	286,800	952	.133	.046	.131	.104	.099	.487
1973 Apr.	222,000	221,500	734	.132	.046	.141	.121	.122	.437
1973 May	1,089,000	400,700	271	.159	.047	.114	.207	.087	.386
1973 June	1,282,000	447,400	257	.162	.047	.109	.213	.079	.389
1973 July	711,400	379,300	392	.153	.047	.118	.170	.089	.422
1973 Aug.	318,700	324,600	749	.139	.047	.126	.119	.093	.476
1973 Sept.	215,100	282,100	965	.132	.046	.130	.103	.098	.491
1973 Oct.	245,200	342,900	1,030	.136	.047	.124	.100	.087	.507

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 18. 09163500 Colorado River near Colo.-Utah state line, water years 1962 through 1983--Continued										
1973	Nov.	243,400	318,700	963	0.136	0.047	0.126	0.104	0.090	0.497
1973	Dec.	294,200	358,000	895	.139	.047	.122	.109	.085	.497
1974	Jan.	311,900	288,900	681	.141	.047	.135	.129	.104	.443
1974	Feb.	296,200	284,700	707	.142	.048	.130	.126	.097	.456
1974	Mar.	364,000	345,600	698	.144	.048	.125	.127	.091	.465
1974	Apr.	324,400	263,400	597	.141	.047	.137	.138	.110	.427
1974	May	936,500	370,400	291	.159	.049	.121	.209	.092	.370
1974	June	720,900	375,300	383	.156	.049	.120	.180	.088	.407
1974	July	294,000	319,400	799	.139	.047	.128	.116	.094	.476
1974	Aug.	156,400	255,600	1,200	.127	.045	.138	.091	.106	.493
1974	Sept.	159,700	261,100	1,200	.128	.045	.135	.091	.102	.499
1974	Oct.	204,100	372,800	1,340	.135	.047	.116	.082	.086	.534
1974	Nov.	250,500	269,900	792	.141	.047	.132	.117	.108	.455
1974	Dec.	224,800	284,600	931	.138	.047	.128	.105	.104	.479
1975	Jan.	236,700	282,600	878	.139	.047	.131	.110	.107	.465
1975	Feb.	212,300	249,400	864	.139	.047	.131	.110	.107	.466
1975	Mar.	240,400	216,200	661	.138	.046	.144	.133	.127	.412
1975	Apr.	306,700	203,000	487	.141	.046	.145	.158	.130	.380
1975	May	808,500	326,200	297	.156	.048	.127	.203	.101	.365
1975	June	1,113,000	431,100	285	.163	.049	.117	.205	.085	.381
1975	July	722,500	365,100	372	.156	.048	.124	.177	.096	.399
1975	Aug.	228,300	268,300	864	.139	.047	.134	.112	.110	.458
1975	Sept.	194,500	272,600	1,030	.137	.047	.131	.100	.106	.480
1975	Oct.	242,600	312,000	946	.139	.047	.131	.105	.104	.474
1975	Nov.	286,500	310,800	798	.142	.047	.132	.117	.106	.457
1975	Dec.	284,100	273,500	708	.142	.047	.136	.126	.114	.435
1976	Jan.	245,900	230,200	688	.139	.046	.141	.128	.121	.424
1976	Feb.	216,700	244,700	830	.139	.047	.136	.114	.113	.451
1976	Mar.	224,900	237,000	775	.138	.047	.139	.119	.119	.438
1976	Apr.	211,500	195,700	680	.138	.046	.144	.129	.128	.416
1976	May	543,700	336,200	455	.150	.047	.132	.165	.109	.397
1976	June	528,500	301,400	419	.149	.047	.134	.172	.113	.386
1976	July	220,300	282,000	941	.138	.047	.133	.104	.108	.470
1976	Aug.	153,100	217,400	1,040	.133	.046	.139	.098	.118	.466
1976	Sept.	176,900	275,300	1,140	.135	.047	.131	.092	.105	.490
1976	Oct.	219,000	307,000	1,030	.139	.046	.129	.097	.105	.484
1976	Nov.	218,800	285,000	958	.139	.046	.131	.101	.108	.475
1976	Dec.	222,500	271,700	898	.140	.046	.133	.106	.112	.464
1977	Jan.	207,600	234,600	831	.139	.046	.137	.111	.119	.449
1977	Feb.	151,600	177,400	860	.136	.046	.140	.110	.124	.444

1977	Mar.	124,400	176,500	1,040	.132	.046	.141	.098	.123	.461
1977	Apr.	97,030	135,400	1,030	.129	.046	.146	.100	.131	.448
1977	May	140,400	191,000	1,000	.133	.046	.139	.100	.121	.461
1977	June	160,000	198,600	913	.135	.046	.138	.104	.119	.458
1977	July	102,200	177,400	1,280	.128	.047	.138	.086	.116	.485
1977	Aug.	83,010	158,100	1,400	.125	.047	.140	.082	.118	.488
1977	Sept.	125,800	181,600	1,060	.132	.046	.138	.096	.119	.468
1977	Oct.	135,100	207,800	1,060	.132	.046	.135	.090	.113	.483
1977	Nov.	140,600	219,000	1,130	.133	.046	.135	.090	.112	.484
1977	Dec.	133,900	213,500	1,170	.132	.046	.136	.090	.113	.483
1978	Jan.	139,900	185,200	974	.133	.046	.140	.100	.122	.459
1978	Feb.	132,300	155,900	867	.134	.045	.142	.108	.126	.445
1978	Mar.	174,100	211,300	893	.136	.046	.138	.105	.118	.457
1978	Apr.	313,000	227,400	534	.144	.044	.138	.139	.121	.414
1978	May	709,800	349,700	362	.153	.044	.131	.169	.110	.394
1978	June	1,172,000	417,000	262	.158	.042	.127	.200	.107	.366
1978	July	484,400	307,900	467	.148	.044	.133	.148	.112	.414
1978	Aug.	151,200	178,800	870	.134	.045	.141	.107	.125	.447
1978	Sept.	179,100	217,600	893	.137	.046	.137	.105	.116	.460
1978	Oct.	197,300	253,400	944	.130	.045	.134	.106	.115	.471
1978	Nov.	236,500	263,600	820	.134	.045	.133	.115	.112	.461
1978	Dec.	235,700	235,800	736	.134	.045	.143	.123	.118	.437
1979	Jan.	235,400	221,300	691	.135	.045	.148	.128	.121	.424
1979	Feb.	251,500	217,400	636	.138	.046	.144	.134	.117	.422
1979	Mar.	340,000	279,000	604	.141	.046	.137	.137	.110	.429
1979	Apr.	470,900	297,400	464	.147	.047	.135	.156	.104	.411
1979	May	1,147,000	486,200	312	.163	.049	.114	.188	.084	.403
1979	June	1,354,000	532,800	289	.166	.049	.110	.195	.080	.400
1979	July	711,900	378,000	391	.153	.048	.125	.168	.095	.411
1979	Aug.	264,900	287,500	798	.135	.046	.130	.117	.109	.463
1979	Sept.	213,900	251,100	863	.132	.045	.135	.112	.114	.462
1979	Oct.	222,300	274,800	909	.131	.044	.139	.105	.114	.467
1979	Nov.	221,600	271,700	902	.131	.044	.138	.105	.112	.468
1979	Dec.	250,400	214,300	629	.135	.046	.148	.132	.124	.415
1980	Jan.	245,700	218,200	653	.134	.046	.148	.129	.124	.419
1980	Feb.	238,100	215,900	667	.135	.046	.146	.128	.121	.426
1980	Mar.	256,300	220,400	632	.135	.046	.148	.132	.123	.417
1980	Apr.	389,800	166,700	315	.140	.047	.151	.189	.127	.346
1980	May	1,248,000	414,100	244	.159	.049	.128	.217	.090	.357
1980	June	1,326,000	448,700	249	.160	.049	.125	.214	.087	.366
1980	July	439,200	281,300	471	.143	.047	.140	.153	.110	.408
1980	Aug.	188,900	221,200	861	.129	.045	.146	.110	.123	.448
1980	Sept.	210,400	255,700	894	.130	.044	.140	.106	.115	.464
1980	Oct.	232,100	305,400	967	.132	.044	.136	.100	.110	.478
1980	Nov.	272,100	273,600	739	.137	.045	.139	.120	.112	.447
1980	Dec.	264,200	235,600	656	.137	.046	.144	.131	.119	.424
1981	Jan.	236,400	211,000	656	.135	.045	.147	.131	.124	.417
1981	Feb.	173,400	183,400	778	.131	.045	.149	.118	.127	.431
1981	Mar.	164,900	192,500	859	.127	.044	.151	.110	.131	.437
1981	Apr.	162,300	178,200	808	.128	.044	.152	.114	.132	.430
1981	May	282,900	216,500	563	.139	.046	.145	.144	.120	.407
1981	June	387,700	261,100	495	.144	.046	.138	.154	.110	.408
1981	July	181,600	215,400	872	.129	.044	.147	.108	.125	.446
1981	Aug.	140,100	213,700	1,120	.123	.043	.147	.091	.127	.469

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 18. 09163500 Colorado River near Colo.-Utah state line, water years 1962 through 1983--Continued										
1981	Sept.	197,700	258,900	963	0.130	0.044	0.140	0.101	0.116	0.470
1981	Oct.	247,000	293,700	875	.134	.044	.140	.106	.114	.463
1981	Nov.	209,900	219,200	768	.133	.045	.145	.118	.124	.435
1981	Dec.	192,500	210,200	803	.131	.045	.147	.114	.127	.435
1982	Jan.	183,300	199,900	802	.130	.045	.148	.115	.129	.433
1982	Feb.	212,800	194,300	672	.135	.045	.146	.130	.125	.418
1982	Mar.	261,700	213,500	600	.137	.046	.145	.141	.125	.407
1982	Apr.	287,800	162,100	414	.139	.047	.147	.181	.131	.355
1982	May	758,800	316,300	307	.152	.047	.130	.216	.103	.351
1982	June	974,100	425,600	321	.157	.048	.124	.208	.094	.369
1982	July	539,200	277,700	379	.147	.047	.136	.188	.111	.371
1982	Aug.	315,100	285,700	667	.139	.046	.140	.129	.114	.432
1982	Sept.	341,300	309,500	667	.141	.046	.137	.129	.110	.438
1982	Oct.	353,500	280,800	584	.138	.047	.140	.151	.113	.411
1982	Nov.	311,000	249,000	589	.137	.046	.141	.150	.116	.411
1982	Dec.	281,500	235,300	615	.135	.046	.142	.145	.120	.412
1983	Jan.	268,300	225,600	618	.134	.046	.142	.144	.122	.412
1983	Feb.	233,800	189,000	594	.135	.045	.141	.147	.123	.409
1983	Mar.	269,600	204,600	558	.136	.045	.139	.152	.122	.406
1983	Apr.	272,200	181,000	489	.139	.045	.136	.160	.121	.399
1983	May	1,079,000	435,700	297	.160	.048	.120	.218	.083	.370
1983	June	2,463,000	759,400	227	.171	.049	.110	.255	.065	.349
1983	July	1,577,000	573,400	267	.165	.048	.117	.231	.075	.363
1983	Aug.	626,800	406,400	477	.146	.048	.135	.172	.098	.402
1983	Sept.	297,000	271,200	671	.133	.047	.144	.140	.117	.419
Site 19. 09177000 San Miguel River at Uravan, Colo., water years 1974 through 1979.										
1973	Oct.	7,464	6,076	599	.178	.065	.059	.156	.014	.527
1973	Nov.	6,014	5,301	648	.174	.066	.059	.149	.014	.537
1973	Dec.	7,018	5,902	618	.177	.066	.059	.153	.014	.530
1974	Jan.	5,367	5,095	698	.171	.067	.060	.142	.014	.546
1974	Feb.	4,637	4,499	713	.170	.067	.060	.140	.014	.549
1974	Mar.	16,020	8,822	405	.195	.061	.058	.193	.015	.478
1974	Apr.	45,680	15,010	242	.216	.055	.055	.252	.015	.407
1974	May	55,830	17,850	235	.219	.054	.055	.259	.015	.397
1974	June	28,630	12,320	316	.208	.058	.057	.223	.015	.439
1974	July	11,840	7,581	471	.188	.063	.059	.178	.015	.498
1974	Aug.	3,602	3,874	791	.161	.068	.059	.129	.014	.569

1974	Sept.	1,440	2,460	1,260	.141	.072	.059	.097	.013	.618
1974	Oct.	4,804	4,789	733	.168	.067	.060	.138	.014	.553
1974	Nov.	4,691	4,641	728	.168	.067	.060	.138	.014	.552
1974	Dec.	3,969	4,330	802	.164	.068	.060	.130	.014	.564
1975	Jan.	4,046	4,393	798	.164	.068	.060	.139	.014	.563
1975	Feb.	4,487	4,428	726	.169	.067	.060	.139	.014	.551
1975	Mar.	6,546	5,658	636	.175	.066	.059	.151	.014	.534
1975	Apr.	24,940	9,936	293	.204	.058	.056	.222	.015	.445
1975	May	89,210	22,680	187	.227	.051	.053	.288	.016	.366
1975	June	74,000	20,510	204	.224	.052	.053	.278	.016	.377
1975	July	60,940	18,520	224	.221	.053	.054	.265	.015	.391
1975	Aug.	14,690	8,635	432	.193	.062	.058	.188	.015	.484
1975	Sept.	6,194	5,332	633	.175	.066	.059	.150	.014	.536
1975	Oct.	6,427	5,585	639	.177	.065	.059	.143	.015	.542
1975	Nov.	5,006	4,732	695	.172	.066	.059	.134	.014	.554
1975	Dec.	4,395	4,420	739	.169	.066	.059	.128	.014	.563
1976	Jan.	4,453	4,477	739	.169	.066	.059	.129	.014	.563
1976	Feb.	5,609	4,953	649	.175	.065	.059	.140	.014	.546
1976	Mar.	6,070	5,399	654	.176	.065	.059	.140	.014	.545
1976	Apr.	18,110	10,200	414	.199	.061	.057	.190	.016	.478
1976	May	37,960	16,320	316	.212	.057	.055	.225	.016	.434
1976	June	35,600	15,490	320	.211	.058	.055	.224	.016	.436
1976	July	14,450	8,932	455	.194	.062	.058	.178	.015	.494
1976	Aug.	5,234	4,711	662	.172	.065	.059	.136	.014	.553
1976	Sept.	6,304	5,096	594	.177	.065	.059	.145	.014	.540
1976	Oct.	6,883	5,660	605	.183	.064	.055	.138	.013	.547
1976	Nov.	4,007	4,070	747	.171	.066	.055	.117	.012	.579
1976	Dec.	3,053	3,546	854	.164	.068	.055	.105	.012	.597
1977	Jan.	3,066	3,566	855	.164	.068	.055	.105	.012	.597
1977	Feb.	3,277	3,543	795	.168	.067	.055	.112	.012	.587
1977	Mar.	4,106	4,171	747	.171	.066	.055	.116	.012	.579
1977	Apr.	6,518	5,124	578	.181	.064	.055	.137	.013	.549
1977	May	5,328	4,763	657	.177	.065	.055	.127	.013	.563
1977	June	10,560	6,903	481	.193	.061	.055	.160	.014	.516
1977	July	6,615	4,897	544	.179	.064	.055	.138	.013	.551
1977	Aug.	7,889	4,909	458	.181	.063	.054	.146	.013	.543
1977	Sept.	3,358	3,608	790	.166	.067	.055	.110	.012	.590
1977	Oct.	5,490	4,688	628	.174	.064	.055	.116	.013	.577
1977	Nov.	3,923	4,020	753	.170	.065	.055	.106	.013	.592
1977	Dec.	3,628	3,940	799	.168	.065	.054	.102	.013	.598
1978	Jan.	4,322	4,386	746	.172	.065	.055	.108	.013	.588
1978	Feb.	3,675	3,830	766	.170	.065	.055	.105	.013	.592
1978	Mar.	6,425	5,368	614	.179	.063	.055	.123	.014	.566
1978	Apr.	58,400	19,810	249	.216	.051	.054	.240	.018	.420
1978	May	69,690	22,400	236	.218	.050	.054	.250	.019	.410
1978	June	68,770	22,010	235	.218	.050	.054	.251	.019	.409
1978	July	25,570	12,240	352	.204	.056	.056	.189	.017	.478
1978	Aug.	3,630	3,866	783	.167	.065	.054	.102	.013	.599
1978	Sept.	1,730	2,532	1,080	.153	.068	.053	.079	.011	.636
1978	Oct.	3,289	3,636	813	.165	.066	.054	.098	.012	.604
1978	Nov.	4,959	4,661	691	.175	.064	.055	.114	.013	.579
1978	Dec.	6,361	5,515	638	.179	.063	.055	.122	.014	.566
1979	Jan.	7,081	5,870	610	.182	.063	.055	.127	.014	.560
1979	Feb.	6,327	5,276	613	.181	.063	.055	.126	.014	.560

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 19. 09177000 San Miguel River at Uravan, Colo., water years 1974 through 1979--Continued										
1979	Mar.	10,410	7,263	513	0.189	0.061	0.056	0.144	0.015	0.537
1979	Apr.	83,100	21,980	195	.217	.048	.053	.270	.019	.394
1979	May	106,200	28,630	198	.221	.047	.053	.278	.019	.381
1979	June	93,050	26,170	207	.221	.047	.053	.271	.019	.388
1979	July	39,540	15,880	295	.211	.053	.055	.214	.018	.449
1979	Aug.	12,100	7,996	486	.192	.060	.056	.151	.015	.527
1979	Sept.	3,080	3,533	843	.165	.066	.054	.097	.012	.606
Site 20. 09180000 Dolores River near Cisco, Utah, water years 1951 through 1983.										
1950	Dec.	7,521	22,480	2,200	.057	.025	.281	.036	.408	.193
1951	Jan.	9,073	23,760	1,930	.062	.026	.275	.041	.396	.200
1951	Feb.	8,864	21,900	1,820	.064	.027	.272	.044	.391	.202
1951	Mar.	7,803	22,740	2,140	.058	.025	.279	.037	.406	.195
1951	Apr.	7,307	21,730	2,190	.057	.025	.280	.036	.408	.193
1951	May	38,130	34,770	671	.106	.032	.219	.114	.296	.234
1951	June	47,990	37,560	576	.117	.033	.204	.132	.272	.241
1951	July	11,830	25,100	1,560	.068	.027	.267	.051	.381	.206
1951	Aug.	11,470	24,440	1,570	.067	.027	.268	.050	.386	.203
1951	Sept.	3,826	17,580	3,380	.042	.021	.298	.022	.449	.168
1951	Oct.	4,122	15,390	2,750	.051	.024	.283	.027	.419	.196
1951	Nov.	5,665	19,120	2,480	.053	.024	.284	.031	.417	.191
1951	Dec.	6,659	24,580	2,710	.048	.023	.294	.030	.434	.171
1952	Jan.	14,400	32,450	1,660	.063	.026	.277	.051	.398	.185
1952	Feb.	9,459	24,030	1,870	.062	.026	.276	.043	.397	.196
1952	Mar.	15,430	33,630	1,600	.065	.027	.274	.054	.391	.189
1952	Apr.	324,300	116,900	265	.127	.030	.162	.301	.207	.172
1952	May	364,600	93,260	188	.154	.031	.125	.343	.153	.194
1952	June	242,600	58,320	177	.170	.032	.116	.315	.142	.225
1952	July	67,220	39,590	433	.129	.033	.186	.168	.243	.241
1952	Aug.	21,070	32,770	1,140	.082	.029	.252	.072	.352	.213
1952	Sept.	10,490	30,660	2,150	.051	.023	.294	.039	.432	.162
1952	Oct.	8,345	24,230	2,130	.061	.027	.273	.032	.385	.221
1952	Nov.	7,262	25,000	2,530	.055	.026	.283	.028	.404	.204
1952	Dec.	9,965	31,450	2,320	.057	.026	.283	.034	.402	.199
1953	Jan.	11,330	31,920	2,070	.061	.027	.278	.038	.391	.206
1953	Feb.	9,215	34,520	2,750	.049	.023	.297	.030	.428	.172
1953	Mar.	12,060	40,900	2,490	.052	.024	.293	.035	.419	.176
1953	Apr.	39,270	34,820	652	.115	.032	.207	.119	.270	.257

1953 May	63,660	37,630	435	.142	.034	.172	.162	.214	.277
1953 June	88,110	32,650	273	.171	.034	.131	.213	.157	.294
1953 July	18,280	26,050	1,050	.096	.032	.230	.068	.306	.267
1953 Aug.	19,350	29,670	1,130	.086	.030	.243	.076	.328	.237
1953 Sept.	3,953	12,470	2,320	.061	.029	.261	.022	.371	.256
1953 Oct.	16,280	35,350	1,600	.072	.027	.266	.061	.367	.208
1953 Nov.	11,260	32,660	2,130	.066	.027	.272	.036	.378	.220
1953 Dec.	8,158	27,220	2,450	.061	.026	.276	.029	.388	.220
1954 Jan.	8,821	31,970	2,670	.057	.025	.282	.028	.399	.208
1954 Feb.	9,418	27,120	2,120	.067	.027	.269	.035	.374	.227
1954 Mar.	10,140	34,040	2,470	.060	.026	.280	.031	.394	.209
1954 Apr.	43,090	35,450	605	.128	.034	.193	.119	.246	.280
1954 May	53,260	30,880	426	.153	.036	.159	.151	.195	.306
1954 June	18,400	21,450	857	.114	.034	.207	.075	.268	.301
1954 July	9,707	17,140	1,300	.093	.032	.229	.047	.307	.291
1954 Aug.	6,550	14,210	1,600	.081	.031	.242	.038	.330	.278
1954 Sept.	13,460	25,230	1,380	.085	.030	.246	.054	.332	.253
1954 Oct.	20,100	28,430	1,040	.105	.032	.221	.069	.289	.284
1954 Nov.	8,904	27,860	2,300	.069	.028	.266	.025	.367	.245
1954 Dec.	6,694	28,180	3,100	.057	.025	.280	.017	.395	.225
1955 Jan.	5,663	21,470	2,790	.065	.027	.267	.018	.369	.254
1955 Feb.	7,180	21,400	2,190	.073	.028	.259	.026	.354	.260
1955 Mar.	31,640	46,860	1,090	.095	.030	.237	.072	.317	.248
1955 Apr.	65,130	42,040	475	.132	.032	.227	.166	.227	.265
1955 May	115,800	46,260	294	.161	.033	.129	.255	.155	.267
1955 June	65,920	33,100	369	.159	.034	.143	.195	.174	.295
1955 July	12,590	21,070	1,230	.102	.032	.222	.048	.292	.303
1955 Aug.	16,940	30,650	1,330	.093	.031	.238	.050	.318	.270
1955 Sept.	3,422	14,250	3,060	.063	.027	.263	.014	.365	.267
1955 Oct.	3,566	17,910	3,690	.059	.025	.272	.012	.380	.252
1955 Nov.	6,018	28,020	3,420	.056	.024	.283	.014	.402	.221
1955 Dec.	8,779	31,410	2,630	.066	.026	.273	.020	.381	.235
1956 Jan.	7,855	35,650	3,340	.054	.024	.288	.015	.412	.208
1956 Feb.	8,632	30,530	2,600	.065	.026	.273	.021	.382	.232
1956 Mar.	16,280	36,580	1,650	.077	.027	.259	.039	.358	.239
1956 Apr.	56,290	32,590	426	.158	.035	.151	.168	.185	.304
1956 May	84,340	40,890	357	.160	.034	.141	.208	.173	.285
1956 June	62,580	30,560	359	.160	.034	.140	.199	.171	.296
1956 July	8,059	18,450	1,680	.093	.031	.233	.032	.311	.300
1956 Aug.	6,429	17,480	2,000	.080	.028	.250	.027	.346	.270
1956 Sept.	823	6,242	5,570	.057	.025	.256	.006	.354	.301
1956 Oct.	1,843	15,500	6,180	.043	.022	.290	.005	.418	.222
1956 Nov.	6,290	23,380	2,730	.066	.027	.270	.015	.378	.244
1956 Dec.	5,369	23,360	3,200	.060	.026	.272	.014	.381	.243
1957 Jan.	5,841	23,200	2,920	.064	.026	.272	.012	.392	.234
1957 Feb.	12,760	33,890	1,950	.066	.026	.276	.025	.395	.212
1957 Mar.	12,740	34,300	1,980	.070	.027	.270	.024	.381	.227
1957 Apr.	113,800	61,090	395	.117	.028	.186	.205	.252	.211
1957 May	296,300	91,250	226	.127	.025	.135	.355	.176	.181
1957 June	352,100	87,700	183	.130	.024	.113	.417	.145	.171
1957 July	157,500	61,070	285	.139	.028	.147	.273	.191	.222
1957 Aug.	78,690	56,530	528	.112	.029	.143	.287	.222	.222
1957 Sept.	42,820	36,250	623	.116	.031	.204	.117	.272	.260
1957 Oct.	31,440	51,220	1,200	.085	.028	.271	.093	.382	.142

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 20. 09180000 Dolores River near Cisco, Utah, water years 1951 through 1983--Continued										
1957	Nov.	26,830	55,250	1,510	0.077	0.028	0.288	0.063	0.412	0.133
1957	Dec.	19,690	47,620	1,780	.072	.027	.290	.045	.417	.149
1958	Jan.	12,810	41,160	2,360	.061	.026	.295	.028	.432	.157
1958	Feb.	32,120	50,020	1,150	.088	.028	.271	.095	.380	.138
1958	Mar.	35,250	57,890	1,210	.087	.028	.276	.086	.388	.135
1958	Apr.	340,700	128,300	277	.090	.016	.116	.586	.150	.042
1958	May	367,700	90,970	182	.121	.018	.094	.593	.113	.061
1958	June	164,100	65,900	295	.132	.024	.145	.418	.181	.100
1958	July	19,800	34,990	1,300	.088	.030	.263	.058	.366	.196
1958	Aug.	8,364	29,170	2,560	.058	.026	.284	.021	.417	.194
1958	Sept.	8,690	27,580	2,330	.058	.025	.282	.025	.418	.192
1958	Oct.	7,763	28,810	2,730	.057	.028	.284	.012	.405	.213
1958	Nov.	9,340	34,440	2,710	.058	.028	.290	.015	.414	.196
1958	Dec.	9,640	36,520	2,790	.057	.027	.292	.014	.418	.192
1959	Jan.	9,795	33,690	2,530	.061	.028	.285	.016	.403	.207
1959	Feb.	9,755	30,240	2,280	.066	.029	.279	.018	.391	.217
1959	Mar.	10,740	34,680	2,370	.064	.029	.283	.018	.398	.209
1959	Apr.	24,990	37,550	1,100	.101	.033	.242	.057	.319	.248
1959	May	32,990	30,780	686	.128	.035	.199	.087	.252	.299
1959	June	31,800	24,770	573	.141	.036	.179	.082	.220	.343
1959	July	6,934	11,650	1,240	.087	.032	.209	.018	.276	.379
1959	Aug.	12,930	20,330	1,160	.095	.033	.226	.042	.298	.307
1959	Sept.	3,322	10,500	2,320	.060	.029	.240	.007	.334	.330
1959	Oct.	10,540	20,400	1,420	.088	.033	.230	.019	.304	.326
1959	Nov.	8,900	20,580	1,700	.078	.032	.243	.015	.326	.306
1959	Dec.	6,589	22,050	2,460	.062	.030	.262	.008	.363	.275
1960	Jan.	8,464	21,550	1,870	.075	.032	.248	.013	.334	.299
1960	Feb.	9,203	30,730	2,450	.063	.029	.275	.010	.384	.239
1960	Mar.	43,760	54,590	917	.115	.034	.232	.071	.300	.248
1960	Apr.	156,500	63,160	297	.167	.030	.127	.305	.149	.223
1960	May	111,200	42,730	283	.175	.031	.121	.262	.140	.271
1960	June	103,700	36,180	257	.178	.031	.112	.272	.128	.279
1960	July	20,280	24,760	898	.113	.035	.209	.045	.267	.331
1960	Aug.	4,899	12,910	1,940	.069	.031	.236	.010	.319	.335
1960	Sept.	3,606	14,210	2,900	.054	.028	.258	.005	.360	.295
1960	Oct.	5,002	18,700	2,750	.058	.030	.254	.004	.346	.307
1960	Nov.	6,934	20,620	2,190	.069	.032	.245	.007	.328	.320
1960	Dec.	6,821	20,990	2,260	.067	.031	.246	.006	.330	.318
1961	Jan.	5,974	20,050	2,470	.063	.031	.250	.005	.337	.314
1961	Feb.	6,986	19,770	2,080	.071	.032	.243	.008	.324	.322

1961	Mar.	12,220	25,160	.087	.034	.231	.015	.301	.332
1961	Apr.	57,550	40,470	.152	.036	.168	.114	.204	.326
1961	May	131,200	58,030	.182	.034	.163	.217	.146	.294
1961	June	70,240	44,890	.375	.036	.159	.127	.190	.325
1961	July	11,080	23,820	.083	.033	.234	.014	.309	.327
1961	Aug.	13,590	26,340	.091	.034	.228	.016	.295	.336
1961	Sept.	18,450	28,620	.140	.036	.217	.025	.276	.342
1961	Oct.	17,930	30,080	.130	.035	.222	.020	.289	.342
1961	Nov.	11,900	26,110	.078	.033	.235	.011	.309	.334
1961	Dec.	9,447	24,610	.068	.032	.243	.008	.325	.325
1962	Jan.	8,053	23,340	.062	.031	.248	.006	.334	.319
1962	Feb.	24,940	31,040	.112	.036	.206	.036	.263	.347
1962	Mar.	16,770	29,330	.089	.034	.225	.018	.293	.340
1962	Apr.	190,100	65,370	.187	.030	.096	.317	.111	.259
1962	May	134,400	59,580	.184	.034	.120	.224	.141	.297
1962	June	80,370	50,220	.172	.038	.150	.124	.179	.338
1962	July	32,750	36,760	.121	.037	.198	.044	.250	.350
1962	Aug.	7,769	22,760	.061	.030	.250	.006	.338	.316
1962	Sept.	6,379	19,710	.053	.028	.257	.006	.355	.300
1962	Oct.	11,750	26,750	.033	.027	.273	.007	.406	.254
1962	Nov.	8,595	23,640	.026	.025	.281	.004	.429	.236
1962	Dec.	8,095	23,570	.023	.023	.284	.004	.438	.228
1963	Jan.	6,288	21,410	.018	.021	.290	.003	.461	.207
1963	Feb.	17,270	27,910	.050	.031	.255	.017	.367	.279
1963	Mar.	35,710	34,450	.077	.032	.231	.055	.331	.274
1963	Apr.	51,080	42,960	.114	.040	.195	.071	.252	.328
1963	May	56,380	46,010	.121	.041	.190	.073	.241	.334
1963	June	18,370	30,500	.051	.032	.254	.015	.361	.287
1963	July	8,337	23,110	.023	.023	.284	.004	.446	.220
1963	Aug.	14,580	28,090	.039	.028	.267	.011	.396	.259
1963	Sept.	9,727	23,960	.028	.024	.279	.006	.429	.234
1963	Oct.	4,969	19,730	.012	.019	.312	.011	.566	.080
1963	Nov.	8,085	23,730	.025	.026	.301	.019	.486	.143
1963	Dec.	5,774	21,420	.015	.022	.313	.013	.538	.098
1964	Jan.	4,483	19,320	.010	.018	.315	.010	.572	.073
1964	Feb.	5,911	20,680	.017	.023	.311	.015	.527	.107
1964	Mar.	7,030	23,030	.020	.024	.308	.016	.512	.120
1964	Apr.	37,190	39,120	.135	.031	.163	.044	.220	.407
1964	May	117,100	62,350	.257	.023	.060	.053	.065	.542
1964	June	55,930	47,750	.174	.031	.116	.052	.138	.489
1964	July	14,050	29,370	.049	.031	.267	.028	.400	.226
1964	Aug.	27,990	36,020	.104	.032	.198	.039	.280	.347
1964	Sept.	8,051	22,780	.025	.024	.297	.017	.502	.134
1964	Oct.	6,813	20,400	.037	.026	.290	.040	.470	.138
1964	Nov.	6,438	25,060	.030	.023	.301	.032	.497	.117
1964	Dec.	9,451	25,970	.043	.027	.284	.040	.449	.157
1965	Jan.	10,990	26,540	.048	.028	.279	.042	.431	.172
1965	Feb.	8,799	25,900	.039	.025	.292	.035	.463	.146
1965	Mar.	9,182	30,480	.036	.025	.296	.033	.473	.138
1965	Apr.	174,100	71,280	.258	.021	.060	.053	.072	.536
1965	May	243,400	84,140	.274	.022	.037	.064	.036	.567
1965	June	165,200	62,520	.261	.025	.043	.074	.043	.554
1965	July	96,160	56,350	.214	.030	.082	.076	.092	.506
1965	Aug.	41,750	44,270	.140	.033	.163	.067	.212	.385

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 20. 09180000 Dolores River near Cisco, Utah, water years 1951 through 1983--Continued										
1965	Sept.	26,800	37,270	1,020	0.109	0.034	0.199	0.062	0.272	0.324
1965	Oct.	30,260	43,600	1,060	.096	.032	.220	.068	.300	.285
1965	Nov.	20,570	42,300	1,510	.068	.030	.257	.049	.369	.227
1965	Dec.	21,580	43,780	1,490	.071	.030	.253	.050	.361	.235
1966	Jan.	22,520	44,370	1,450	.070	.030	.254	.051	.363	.232
1966	Feb.	13,530	29,710	1,620	.068	.031	.252	.045	.364	.238
1966	Mar.	66,960	55,860	613	.132	.030	.181	.099	.235	.323
1966	Apr.	130,000	68,810	389	.169	.029	.140	.130	.167	.365
1966	May	133,100	72,350	400	.170	.028	.141	.127	.171	.362
1966	June	44,290	37,970	630	.148	.032	.156	.093	.200	.370
1966	July	13,690	28,590	1,540	.074	.032	.243	.046	.351	.253
1966	Aug.	5,236	14,340	2,010	.060	.032	.254	.034	.394	.226
1966	Sept.	4,298	12,910	2,210	.060	.034	.250	.030	.387	.240
1966	Oct.	6,339	19,250	2,230	.065	.033	.247	.028	.365	.261
1966	Nov.	6,819	19,780	2,130	.066	.033	.248	.030	.364	.259
1966	Dec.	16,730	30,040	1,320	.074	.031	.246	.059	.349	.241
1967	Jan.	8,479	22,620	1,960	.068	.033	.248	.033	.362	.256
1967	Feb.	9,638	23,160	1,770	.069	.032	.248	.038	.360	.253
1967	Mar.	19,510	35,110	1,320	.075	.031	.248	.054	.351	.242
1967	Apr.	18,610	33,980	1,340	.074	.031	.248	.053	.352	.242
1967	May	57,990	59,960	760	.083	.027	.240	.107	.326	.216
1967	June	45,270	53,590	870	.081	.028	.243	.090	.334	.223
1967	July	16,820	32,060	1,400	.073	.031	.248	.051	.353	.244
1967	Aug.	23,440	34,950	1,100	.077	.030	.245	.073	.342	.234
1967	Sept.	9,402	22,600	1,770	.069	.032	.247	.039	.359	.253
1967	Oct.	6,212	21,740	2,570	.058	.031	.247	.027	.370	.267
1967	Nov.	5,994	22,030	2,700	.053	.029	.254	.025	.391	.248
1967	Dec.	6,724	25,690	2,810	.051	.028	.259	.025	.402	.235
1968	Jan.	7,537	25,570	2,490	.059	.031	.249	.030	.370	.260
1968	Feb.	10,980	34,960	2,340	.045	.026	.276	.030	.430	.193
1968	Mar.	10,120	37,600	2,730	.036	.023	.285	.024	.465	.167
1968	Apr.	53,820	47,910	655	.121	.037	.203	.112	.249	.279
1968	May	168,300	70,500	308	.184	.040	.131	.223	.125	.296
1968	June	158,300	62,200	289	.194	.040	.122	.226	.115	.303
1968	July	26,650	38,890	1,070	.091	.035	.230	.069	.303	.272
1968	Aug.	40,310	43,810	799	.109	.037	.211	.094	.264	.284
1968	Sept.	4,889	20,910	3,140	.039	.025	.268	.019	.444	.205
1968	Oct.	6,141	29,830	3,570	.033	.020	.293	.021	.481	.151
1968	Nov.	7,750	32,390	3,070	.038	.022	.291	.026	.462	.161
1968	Dec.	6,133	27,830	3,340	.037	.021	.288	.023	.463	.167

1969	Jan.	11,220	33,760	2,210	.053	.027	.276	.039	.407	.199
1969	Feb.	10,510	36,020	2,520	.045	.024	.288	.033	.442	.169
1969	Mar.	13,000	36,450	2,060	.056	.027	.274	.042	.402	.200
1969	Apr.	213,200	78,730	272	.179	.045	.125	.248	.126	.277
1969	May	168,200	56,330	246	.199	.046	.097	.245	.089	.323
1969	June	74,600	42,870	423	.162	.045	.144	.167	.153	.329
1969	July	38,520	39,650	757	.119	.040	.196	.110	.234	.300
1969	Aug.	12,570	27,490	1,610	.072	.031	.247	.052	.345	.253
1969	Sept.	14,220	28,650	1,480	.074	.031	.248	.056	.342	.248
1969	Oct.	14,750	32,600	1,630	.072	.031	.257	.051	.353	.235
1969	Nov.	14,410	30,470	1,550	.074	.032	.253	.053	.347	.241
1969	Dec.	14,080	32,550	1,700	.070	.031	.259	.049	.359	.232
1970	Jan.	12,600	38,610	2,250	.055	.027	.280	.037	.408	.194
1970	Feb.	11,160	29,090	1,920	.063	.029	.267	.043	.380	.219
1970	Mar.	11,480	36,730	2,350	.054	.026	.280	.035	.411	.193
1970	Apr.	51,140	50,110	721	.113	.039	.211	.118	.254	.265
1970	May	228,900	70,370	226	.186	.045	.104	.276	.096	.293
1970	June	88,560	51,140	425	.151	.044	.158	.176	.168	.303
1970	July	28,530	36,530	941	.100	.037	.222	.086	.281	.273
1970	Aug.	17,890	60,830	1,270	.082	.033	.242	.063	.327	.252
1970	Sept.	63,590	60,230	697	.116	.041	.211	.133	.244	.255
1970	Oct.	16,430	32,790	1,470	.078	.032	.251	.056	.338	.245
1970	Nov.	14,670	30,990	1,550	.075	.032	.255	.052	.348	.239
1970	Dec.	15,070	32,500	1,590	.074	.032	.256	.051	.350	.238
1971	Jan.	16,370	35,480	1,590	.073	.031	.258	.051	.352	.233
1971	Feb.	15,150	31,890	1,550	.075	.031	.257	.053	.349	.235
1971	Mar.	42,260	60,260	1,050	.054	.021	.276	.055	.446	.148
1971	Apr.	81,110	40,180	364	.150	.043	.147	.186	.158	.316
1971	May	108,800	52,390	354	.149	.043	.151	.194	.160	.305
1971	June	103,500	45,560	324	.155	.043	.140	.204	.147	.311
1971	July	24,900	28,960	855	.105	.038	.212	.091	.266	.288
1971	Aug.	17,270	39,470	1,680	.051	.022	.289	.040	.438	.160
1971	Sept.	8,283	19,790	1,760	.072	.031	.251	.045	.356	.245
1971	Oct.	16,150	35,100	1,600	.069	.029	.264	.051	.366	.220
1971	Nov.	9,800	28,720	2,150	.060	.027	.270	.037	.396	.208
1971	Dec.	13,550	31,290	1,700	.070	.030	.260	.048	.366	.228
1972	Jan.	13,490	39,760	2,170	.057	.026	.278	.037	.406	.195
1972	Feb.	11,980	36,430	2,240	.056	.026	.279	.036	.411	.192
1972	Mar.	33,610	41,200	901	.099	.035	.226	.087	.285	.268
1972	Apr.	27,620	36,150	963	.097	.035	.227	.083	.287	.271
1972	May	38,790	35,380	671	.117	.038	.198	.111	.239	.296
1972	June	47,010	36,640	573	.125	.039	.188	.127	.219	.303
1972	July	7,486	17,890	1,760	.072	.031	.248	.045	.358	.245
1972	Aug.	2,079	10,890	3,850	.041	.022	.274	.018	.470	.174
1972	Sept.	5,881	18,910	2,360	.056	.026	.268	.032	.415	.203
1972	Oct.	39,660	47,340	878	.095	.034	.234	.091	.292	.254
1972	Nov.	22,950	37,700	1,210	.088	.033	.242	.070	.315	.252
1972	Dec.	18,450	38,660	1,540	.075	.029	.260	.056	.352	.227
1973	Jan.	18,450	32,940	1,310	.086	.032	.244	.065	.321	.252
1973	Feb.	17,510	30,410	1,280	.087	.032	.243	.067	.318	.254
1973	Mar.	33,140	48,730	1,080	.091	.033	.239	.077	.305	.254
1973	Apr.	194,300	93,260	353	.135	.041	.164	.187	.177	.295
1973	May	545,800	161,100	217	.154	.043	.124	.258	.121	.300
1973	June	320,900	105,400	242	.155	.043	.127	.237	.126	.312

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 20. 09180000 Dolores River near Cisco, Utah, water years 1951 through 1983--Continued										
1973	July	108,900	71,340	482	0.124	0.039	0.187	0.146	0.214	0.290
1973	Aug.	13,090	34,020	1,910	.067	.027	.271	.045	.378	.212
1973	Sept.	7,738	25,990	2,470	.057	.024	.281	.035	.413	.191
1973	Oct.	8,337	32,880	2,900	.047	.020	.296	.033	.450	.154
1973	Nov.	7,793	28,360	2,680	.051	.021	.292	.035	.437	.164
1973	Dec.	12,650	44,550	2,590	.049	.022	.295	.037	.441	.157
1974	Jan.	10,200	28,520	2,060	.062	.024	.280	.044	.400	.189
1974	Feb.	10,200	27,310	1,970	.064	.025	.278	.047	.393	.193
1974	Mar.	23,850	47,760	1,470	.071	.028	.269	.064	.364	.203
1974	Apr.	77,000	63,020	602	.114	.038	.209	.128	.244	.267
1974	May	129,800	52,490	297	.162	.043	.140	.194	.140	.320
1974	June	37,020	36,440	724	.113	.036	.215	.106	.257	.273
1974	July	14,920	27,600	1,360	.079	.028	.260	.062	.352	.219
1974	Aug.	4,344	13,500	2,290	.062	.023	.278	.037	.410	.190
1974	Sept.	1,686	11,140	4,860	.035	.015	.299	.017	.510	.124
1974	Oct.	4,909	22,060	3,300	.045	.019	.301	.028	.461	.146
1974	Nov.	8,168	26,690	2,400	.056	.023	.291	.040	.420	.171
1974	Dec.	7,200	27,930	2,850	.048	.021	.299	.033	.445	.154
1975	Jan.	7,369	26,980	2,690	.051	.021	.296	.035	.434	.162
1975	Feb.	9,134	29,000	2,330	.055	.023	.292	.041	.420	.168
1975	Mar.	13,690	38,540	2,070	.058	.024	.290	.047	.409	.171
1975	Apr.	150,500	125,100	612	.084	.034	.248	.127	.315	.192
1975	May	314,900	85,990	201	.160	.048	.119	.259	.116	.298
1975	June	217,800	63,180	213	.163	.047	.120	.240	.119	.310
1975	July	129,600	57,200	325	.143	.044	.158	.190	.170	.295
1975	Aug.	15,750	30,970	1,450	.077	.029	.264	.063	.353	.214
1975	Sept.	8,602	28,430	2,430	.052	.022	.295	.039	.431	.161
1975	Oct.	8,083	32,510	2,960	.048	.022	.302	.034	.439	.156
1975	Nov.	7,631	33,580	3,240	.043	.020	.307	.031	.455	.143
1975	Dec.	8,329	34,620	3,060	.045	.021	.305	.032	.448	.148
1976	Jan.	9,858	36,920	2,750	.049	.022	.302	.036	.434	.156
1976	Feb.	13,350	40,340	2,220	.055	.024	.297	.044	.416	.165
1976	Mar.	12,580	43,580	2,550	.049	.022	.304	.038	.435	.152
1976	Apr.	80,450	46,490	425	.149	.043	.162	.158	.169	.319
1976	May	132,200	61,180	340	.159	.044	.146	.185	.144	.322
1976	June	76,250	43,910	424	.148	.042	.164	.155	.174	.318
1976	July	14,750	30,620	1,530	.079	.030	.262	.061	.342	.226
1976	Aug.	7,976	21,420	1,970	.067	.026	.275	.046	.381	.204
1976	Sept.	7,466	18,460	1,820	.072	.028	.267	.049	.366	.218
1976	Oct.	8,398	25,810	2,260	.061	.026	.284	.041	.395	.193

1976	Nov.	5,895	29,390	3,670	.040	.020	.307	.026	.466	.140
1976	Dec.	4,249	25,180	4,360	.037	.019	.306	.022	.483	.133
1977	Jan.	5,256	34,960	4,890	.031	.017	.316	.020	.504	.113
1977	Feb.	7,531	37,910	3,700	.037	.019	.316	.026	.474	.127
1977	Mar.	6,121	35,230	4,230	.035	.018	.314	.023	.485	.125
1977	Apr.	8,138	23,910	2,160	.062	.026	.284	.042	.394	.192
1977	May	5,754	26,420	3,380	.044	.021	.302	.028	.455	.150
1977	June	9,743	23,090	1,740	.068	.026	.276	.047	.382	.200
1977	July	19,120	40,720	1,570	.055	.023	.299	.053	.412	.158
1977	Aug.	14,690	25,530	1,280	.077	.029	.275	.069	.336	.214
1977	Sept.	5,296	15,810	2,200	.066	.026	.274	.040	.387	.207
1977	Oct.	10,320	24,690	1,760	.067	.026	.278	.047	.380	.201
1977	Nov.	5,695	19,640	2,540	.059	.024	.282	.033	.407	.194
1977	Dec.	6,002	28,560	3,500	.045	.021	.299	.026	.447	.161
1978	Jan.	8,523	15,440	1,330	.093	.030	.245	.056	.322	.253
1978	Feb.	7,924	22,930	2,130	.068	.027	.276	.042	.374	.213
1978	Mar.	15,880	35,740	1,660	.071	.028	.275	.052	.363	.211
1978	Apr.	235,700	84,740	264	.169	.040	.142	.220	.122	.307
1978	May	247,000	73,000	217	.183	.040	.121	.238	.100	.318
1978	June	159,900	47,260	217	.127	.040	.116	.224	.097	.331
1978	July	33,050	31,170	694	.192	.037	.206	.106	.226	.298
1978	Aug.	5,171	13,510	1,920	.079	.029	.258	.043	.349	.242
1978	Sept.	1,724	9,489	4,050	.047	.021	.284	.020	.456	.172
1978	Oct.	3,907	19,380	3,650	.042	.021	.291	.024	.467	.155
1978	Nov.	10,380	24,860	1,760	.069	.028	.270	.049	.373	.210
1978	Dec.	6,361	23,910	2,760	.053	.024	.285	.032	.426	.180
1979	Jan.	7,718	13,360	1,270	.085	.030	.254	.057	.345	.230
1979	Feb.	12,220	31,340	1,880	.066	.028	.275	.048	.378	.205
1979	Mar.	30,880	62,940	1,500	.073	.030	.270	.063	.347	.217
1979	Apr.	279,600	108,500	285	.145	.038	.162	.218	.158	.279
1979	May	388,800	114,400	216	.169	.039	.131	.254	.111	.295
1979	June	261,800	81,510	229	.170	.040	.134	.239	.118	.299
1979	July	71,860	58,770	601	.115	.036	.216	.122	.245	.267
1979	Aug.	14,900	40,880	2,020	.063	.027	.279	.046	.385	.200
1979	Sept.	3,860	20,380	3,880	.041	.020	.292	.023	.472	.152
1979	Oct.	5,056	27,810	4,040	.037	.019	.297	.022	.484	.141
1979	Nov.	7,147	31,080	3,200	.046	.022	.292	.029	.450	.161
1979	Dec.	7,922	35,850	3,330	.044	.021	.295	.028	.454	.157
1980	Jan.	12,690	35,670	2,070	.062	.026	.277	.044	.396	.195
1980	Feb.	16,480	43,980	1,960	.063	.027	.277	.048	.388	.197
1980	Mar.	13,660	36,060	1,940	.065	.027	.273	.047	.385	.202
1980	Apr.	216,700	94,070	319	.141	.037	.166	.197	.182	.278
1980	May	407,100	118,200	214	.174	.039	.119	.256	.109	.303
1980	June	272,300	76,100	206	.179	.039	.116	.249	.108	.308
1980	July	56,800	45,970	595	.118	.035	.206	.120	.250	.271
1980	Aug.	10,900	32,600	2,200	.060	.025	.279	.041	.404	.191
1980	Sept.	7,633	27,320	2,630	.052	.023	.286	.034	.431	.174
1980	Oct.	7,631	32,070	3,090	.044	.022	.293	.032	.461	.148
1980	Nov.	7,932	31,640	2,930	.047	.023	.290	.034	.452	.155
1980	Dec.	8,908	36,020	2,970	.046	.022	.293	.034	.453	.152
1981	Jan.	8,497	32,450	2,810	.048	.023	.288	.036	.447	.158
1981	Feb.	7,396	29,550	2,940	.047	.023	.290	.034	.452	.154
1981	Mar.	8,105	34,380	3,120	.045	.022	.293	.033	.458	.149
1981	Apr.	29,250	44,030	1,110	.082	.030	.252	.074	.350	.213

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 20. 09180000 Dolores River near Cisco, Utah, water years 1951 through 1983--Continued										
1981	May	31,100	39,370	931	0.089	0.031	0.238	0.083	0.330	0.228
1981	June	45,650	38,390	618	.116	.035	.203	.115	.260	.271
1981	July	30,510	46,630	1,120	.086	.031	.249	.078	.331	.225
1981	Aug.	8,323	25,410	2,240	.055	.024	.274	.042	.429	.175
1981	Sept.	13,290	31,640	1,750	.066	.027	.267	.053	.393	.194
1981	Oct.	17,250	38,330	1,630	.060	.024	.267	.053	.426	.169
1981	Nov.	11,410	34,580	2,230	.051	.022	.277	.041	.456	.153
1981	Dec.	9,777	33,750	2,540	.045	.020	.280	.036	.478	.141
1982	Jan.	8,341	32,140	2,830	.041	.019	.282	.031	.497	.130
1982	Feb.	11,700	33,040	2,080	.053	.023	.275	.044	.447	.158
1982	Mar.	19,520	40,700	1,530	.068	.027	.262	.060	.394	.189
1982	Apr.	130,800	66,070	371	.150	.040	.161	.180	.181	.287
1982	May	189,500	66,930	260	.178	.041	.120	.212	.123	.325
1982	June	141,100	52,370	273	.174	.040	.124	.193	.137	.332
1982	July	53,820	44,350	606	.120	.035	.195	.118	.259	.273
1982	Aug.	46,990	48,220	755	.104	.034	.220	.106	.294	.243
1982	Sept.	51,880	44,360	629	.119	.035	.197	.119	.258	.272
1982	Oct.	29,240	44,950	1,130	.080	.030	.244	.079	.358	.208
1982	Nov.	17,620	46,280	1,930	.059	.026	.274	.054	.411	.175
1982	Dec.	18,040	38,340	1,560	.061	.025	.260	.057	.422	.174
1983	Jan.	15,920	39,500	1,820	.056	.024	.268	.051	.436	.165
1983	Feb.	17,010	35,900	1,550	.063	.026	.260	.058	.416	.177
1983	Mar.	48,530	52,940	802	.102	.035	.221	.106	.292	.244
1983	Apr.	189,700	93,970	364	.162	.045	.144	.196	.140	.312
1983	May	521,900	150,000	211	.201	.048	.088	.265	.062	.336
1983	June	409,200	109,000	196	.199	.045	.092	.262	.073	.328
1983	July	131,800	60,880	340	.155	.041	.153	.182	.172	.297
1983	Aug.	57,770	53,450	680	.113	.037	.207	.121	.264	.259
1983	Sept.	20,560	49,560	1,770	.063	.027	.273	.058	.395	.184
Site 21. 09180500 Colorado River near Cisco, Utah, water years 1929 through 1983.										
1928	Oct.	252,200	334,000	974	.112	.049	.162	.100	.108	.469
1928	Nov.	225,200	319,900	1,040	.111	.049	.163	.097	.109	.471
1928	Dec.	145,200	273,300	1,380	.099	.048	.171	.079	.120	.482
1929	Jan.	140,200	270,800	1,420	.098	.048	.172	.078	.121	.483
1929	Feb.	128,500	245,900	1,410	.099	.048	.172	.078	.120	.483
1929	Mar.	267,400	347,200	955	.114	.049	.161	.102	.106	.467
1929	Apr.	676,300	484,400	527	.139	.050	.142	.150	.086	.433

1929 May	2,110,000	776,200	271	.167	.050	.117	.222	.064	.380
1929 June	2,387,000	811,400	250	.172	.049	.113	.233	.061	.372
1929 July	882,400	554,300	462	.145	.051	.136	.163	.081	.424
1929 Aug.	622,300	471,700	557	.136	.050	.144	.144	.089	.438
1929 Sept.	674,300	490,400	535	.139	.051	.141	.149	.086	.434
1929 Oct.	403,200	410,100	748	.125	.050	.153	.121	.097	.454
1929 Nov.	274,100	345,800	928	.116	.050	.159	.105	.105	.466
1929 Dec.	204,400	313,100	1,130	.107	.049	.165	.091	.112	.474
1930 Jan.	145,100	273,500	1,390	.099	.048	.171	.079	.120	.482
1930 Feb.	206,500	296,500	1,060	.110	.049	.163	.096	.110	.472
1930 Mar.	202,400	313,100	1,140	.107	.049	.166	.091	.112	.475
1930 Apr.	919,300	538,400	431	.147	.050	.135	.169	.080	.419
1930 May	1,032,000	586,100	418	.149	.050	.133	.173	.078	.416
1930 June	1,549,000	679,300	322	.161	.050	.123	.202	.069	.395
1930 July	435,000	422,500	714	.127	.050	.151	.124	.096	.452
1930 Aug.	524,700	447,500	627	.132	.050	.147	.134	.092	.445
1930 Sept.	201,300	305,100	1,110	.108	.049	.165	.092	.112	.474
1930 Oct.	233,400	325,000	1,020	.112	.049	.163	.098	.110	.468
1930 Nov.	172,700	284,700	1,210	.105	.048	.167	.087	.116	.476
1930 Dec.	143,000	270,100	1,390	.100	.048	.171	.079	.120	.482
1931 Jan.	135,500	265,200	1,440	.099	.048	.172	.077	.121	.484
1931 Feb.	152,700	260,300	1,250	.104	.048	.168	.085	.117	.478
1931 Mar.	147,100	273,600	1,370	.101	.048	.171	.080	.119	.481
1931 Apr.	211,000	303,400	1,060	.110	.049	.164	.095	.112	.470
1931 May	547,700	442,500	594	.134	.049	.147	.140	.094	.436
1931 June	686,500	475,100	509	.141	.049	.141	.155	.089	.424
1931 July	200,800	290,400	1,060	.107	.048	.166	.092	.115	.472
1931 Aug.	92,260	224,500	1,790	.089	.047	.178	.065	.129	.492
1931 Sept.	142,800	247,300	1,270	.099	.047	.171	.080	.121	.481
1931 Oct.	208,600	304,700	1,070	.111	.049	.163	.093	.111	.473
1931 Nov.	166,700	276,800	1,220	.107	.049	.166	.086	.114	.479
1931 Dec.	130,200	257,900	1,460	.100	.048	.170	.076	.119	.487
1932 Jan.	117,000	248,700	1,560	.097	.048	.172	.072	.121	.490
1932 Feb.	177,400	275,300	1,140	.109	.049	.165	.090	.112	.476
1932 Mar.	194,200	298,700	1,130	.110	.049	.164	.091	.112	.475
1932 Apr.	731,000	464,500	467	.146	.048	.140	.160	.087	.419
1932 May	2,062,000	698,900	249	.172	.045	.118	.232	.069	.364
1932 June	1,687,000	643,900	281	.169	.046	.122	.218	.072	.374
1932 July	767,700	483,400	463	.146	.048	.139	.161	.087	.418
1932 Aug.	293,100	338,200	848	.120	.049	.158	.108	.105	.461
1932 Sept.	152,500	265,700	1,280	.104	.048	.167	.083	.116	.482
1932 Oct.	167,200	275,400	1,210	.107	.049	.164	.084	.111	.485
1932 Nov.	179,200	277,100	1,140	.110	.050	.162	.088	.109	.481
1932 Dec.	132,700	251,700	1,390	.102	.049	.167	.076	.114	.492
1933 Jan.	132,200	252,200	1,400	.102	.049	.167	.076	.114	.492
1933 Feb.	126,300	232,800	1,360	.103	.049	.166	.078	.113	.490
1933 Mar.	176,600	281,000	1,170	.109	.050	.163	.086	.110	.483
1933 Apr.	179,900	276,300	1,130	.110	.049	.162	.088	.109	.481
1933 May	809,900	460,300	418	.145	.048	.138	.166	.085	.417
1933 June	2,004,000	675,800	248	.170	.045	.119	.234	.068	.364
1933 July	420,000	374,300	655	.130	.049	.150	.127	.096	.449
1933 Aug.	147,500	258,600	1,290	.104	.049	.165	.080	.113	.489
1933 Sept.	155,600	258,700	1,220	.106	.049	.164	.083	.111	.486

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 21. 09180500 Colorado River near Cisco, Utah, water years 1929 through 1983--Continued										
1933	Oct.	160,500	263,900	1,210	0.108	0.049	0.163	0.084	0.114	0.482
1933	Nov.	152,000	254,300	1,230	.108	.049	.164	.083	.114	.483
1933	Dec.	153,700	260,500	1,250	.107	.049	.164	.082	.114	.483
1934	Jan.	140,200	252,600	1,330	.105	.049	.165	.079	.116	.486
1934	Feb.	125,400	227,500	1,330	.104	.049	.165	.078	.116	.487
1934	Mar.	136,200	250,200	1,350	.104	.049	.166	.078	.116	.487
1934	Apr.	227,000	284,400	921	.117	.049	.158	.100	.107	.469
1934	May	672,200	428,900	469	.147	.049	.138	.156	.088	.422
1934	June	261,200	293,800	827	.120	.049	.156	.106	.105	.464
1934	July	64,970	193,100	2,190	.086	.048	.175	.055	.129	.507
1934	Aug.	62,510	191,000	2,250	.085	.048	.176	.053	.130	.507
1934	Sept.	64,170	187,600	2,150	.086	.048	.175	.055	.129	.506
1934	Oct.	83,170	211,700	1,870	.093	.048	.172	.061	.125	.499
1934	Nov.	103,000	222,900	1,590	.099	.049	.169	.069	.121	.493
1934	Dec.	127,400	245,600	1,420	.103	.049	.166	.075	.118	.488
1935	Jan.	126,600	244,900	1,420	.103	.049	.166	.075	.119	.488
1935	Feb.	111,900	220,100	1,450	.103	.049	.167	.074	.119	.488
1935	Mar.	128,800	246,900	1,410	.104	.049	.166	.076	.118	.487
1935	Apr.	265,500	308,800	856	.122	.050	.154	.107	.106	.461
1935	May	734,600	442,600	443	.147	.049	.136	.165	.080	.415
1935	June	1,967,000	623,600	233	.171	.046	.114	.244	.070	.356
1935	July	642,600	427,900	490	.144	.049	.139	.156	.091	.422
1935	Aug.	215,700	294,600	1,000	.116	.050	.158	.096	.110	.470
1935	Sept.	174,800	266,800	1,120	.112	.049	.161	.089	.113	.476
1935	Oct.	187,900	342,600	1,340	.114	.049	.160	.092	.116	.469
1935	Nov.	182,100	313,600	1,270	.114	.049	.160	.092	.116	.469
1935	Dec.	143,100	274,400	1,410	.107	.048	.165	.081	.122	.477
1936	Jan.	142,300	254,000	1,310	.107	.048	.165	.081	.122	.477
1936	Feb.	153,700	265,500	1,270	.111	.048	.162	.087	.119	.473
1936	Mar.	166,700	243,800	1,080	.111	.048	.162	.087	.118	.473
1936	Apr.	784,100	497,700	467	.154	.049	.131	.173	.086	.407
1936	May	1,879,000	605,900	237	.180	.049	.111	.235	.066	.359
1936	June	1,257,000	493,500	289	.170	.050	.119	.205	.074	.382
1936	July	403,200	420,500	767	.136	.050	.145	.129	.099	.441
1936	Aug.	299,300	369,100	907	.127	.050	.151	.113	.106	.453
1936	Sept.	167,700	314,300	1,380	.112	.048	.161	.089	.118	.472
1936	Oct.	156,600	333,400	1,570	--	--	--	--	--	--
1936	Nov.	172,500	314,600	1,340	--	--	--	--	--	--
1936	Dec.	148,500	295,700	1,460	--	--	--	--	--	--
1937	Jan.	116,800	239,600	1,510	--	--	--	--	--	--

1937	Feb.	133,300	250,300	1,380	--	--	--	--	--
1937	Mar.	196,300	313,600	1,170	--	--	--	--	--
1937	Apr.	579,400	507,100	643	--	--	--	--	--
1937	May	1,597,000	668,000	308	--	--	--	--	--
1937	June	873,300	461,600	389	--	--	--	--	--
1937	July	413,600	481,000	855	--	--	--	--	--
1937	Aug.	134,300	299,400	1,640	--	--	--	--	--
1937	Sept.	142,200	312,000	1,610	--	--	--	--	--
1937	Oct.	184,100	339,600	1,360	--	--	--	--	--
1937	Nov.	180,800	305,700	1,240	--	--	--	--	--
1937	Dec.	169,300	315,100	1,370	--	--	--	--	--
1938	Jan.	149,400	275,600	1,360	--	--	--	--	--
1938	Feb.	140,300	246,500	1,290	--	--	--	--	--
1938	Mar.	255,100	378,500	1,090	--	--	--	--	--
1938	Apr.	918,000	551,700	442	--	--	--	--	--
1938	May	1,729,000	715,500	304	--	--	--	--	--
1938	June	2,404,000	846,800	259	--	--	--	--	--
1938	July	735,500	493,400	493	--	--	--	--	--
1938	Aug.	202,500	354,900	1,290	--	--	--	--	--
1938	Sept.	354,300	530,200	1,100	--	--	--	--	--
1938	Oct.	219,700	388,300	1,300	--	--	--	--	--
1938	Nov.	196,400	333,800	1,250	--	--	--	--	--
1938	Dec.	176,800	307,700	1,280	--	--	--	--	--
1939	Jan.	160,400	280,900	1,290	--	--	--	--	--
1939	Feb.	138,700	242,500	1,290	--	--	--	--	--
1939	Mar.	278,900	378,900	999	--	--	--	--	--
1939	Apr.	514,800	394,000	563	--	--	--	--	--
1939	May	1,208,000	494,700	301	--	--	--	--	--
1939	June	867,100	446,900	379	--	--	--	--	--
1939	July	187,600	248,900	976	--	--	--	--	--
1939	Aug.	109,800	253,600	1,700	--	--	--	--	--
1939	Sept.	194,100	425,000	1,610	--	--	--	--	--
1939	Oct.	148,000	316,300	1,570	--	--	--	--	--
1939	Nov.	150,700	311,400	1,520	--	--	--	--	--
1939	Dec.	125,700	265,200	1,550	--	--	--	--	--
1940	Jan.	131,000	281,400	1,580	--	--	--	--	--
1940	Feb.	137,400	263,200	1,410	--	--	--	--	--
1940	Mar.	170,300	276,000	1,190	--	--	--	--	--
1940	Apr.	375,700	364,300	713	--	--	--	--	--
1940	May	1,048,000	525,500	369	--	--	--	--	--
1940	June	738,900	425,700	424	--	--	--	--	--
1940	July	179,300	276,500	1,130	--	--	--	--	--
1940	Aug.	86,430	228,900	1,950	--	--	--	--	--
1940	Sept.	171,800	355,300	1,520	--	--	--	--	--
1940	Oct.	294,900	391,900	977	--	--	--	--	--
1940	Nov.	179,500	320,100	1,310	--	--	--	--	--
1940	Dec.	154,600	306,700	1,460	--	--	--	--	--
1941	Jan.	139,300	294,200	1,550	--	--	--	--	--
1941	Feb.	152,900	287,300	1,380	--	--	--	--	--
1941	Mar.	206,500	342,700	1,220	--	--	--	--	--
1941	Apr.	445,000	453,800	750	--	--	--	--	--
1941	May	2,355,000	923,400	288	--	--	--	--	--
1941	June	1,582,000	774,300	360	--	--	--	--	--
1941	July	579,400	518,400	658	--	--	--	--	--

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 21. 09180500 Colorado River near Cisco, Utah, water years 1929 through 1983--Continued										
1941	Aug.	250,600	368,000	1,080	--	--	--	--	--	--
1941	Sept.	236,600	344,500	1,070	--	--	--	--	--	--
1941	Oct.	579,000	496,000	630	--	--	--	--	--	--
1941	Nov.	311,300	391,000	924	--	--	--	--	--	--
1941	Dec.	229,300	358,700	1,150	--	--	--	--	--	--
1942	Jan.	180,700	327,600	1,330	--	--	--	--	--	--
1942	Feb.	165,600	299,000	1,330	--	--	--	--	--	--
1942	Mar.	228,600	357,600	1,150	--	--	--	--	--	--
1942	Apr.	1,344,000	650,900	356	--	--	--	--	--	--
1942	May	1,809,000	747,300	304	--	--	--	--	--	--
1942	June	1,961,000	757,500	284	--	--	--	--	--	--
1942	July	578,700	493,800	628	--	--	--	--	--	--
1942	Aug.	184,600	329,600	1,310	--	--	--	--	--	--
1942	Sept.	134,200	289,100	1,580	--	--	--	--	--	--
1942	Oct.	161,700	367,000	1,670	0.108	0.057	0.151	0.083	0.100	0.501
1942	Nov.	186,000	353,900	1,400	.114	.055	.151	.092	.103	.485
1942	Dec.	164,200	302,500	1,350	.108	.051	.162	.089	.121	.469
1943	Jan.	153,100	298,500	1,430	.106	.051	.162	.086	.122	.473
1943	Feb.	146,200	259,500	1,310	.107	.049	.164	.090	.127	.462
1943	Mar.	174,300	290,800	1,230	.110	.049	.163	.094	.127	.458
1943	Apr.	708,700	354,900	368	.156	.039	.135	.198	.114	.357
1943	May	995,600	410,100	303	.169	.038	.125	.228	.104	.337
1943	June	1,365,000	527,700	284	.183	.040	.110	.251	.080	.336
1943	July	502,100	367,700	539	.142	.045	.142	.158	.111	.403
1943	Aug.	367,700	433,600	867	.137	.053	.137	.130	.094	.449
1943	Sept.	212,100	375,800	1,300	.120	.057	.144	.100	.098	.482
1943	Oct.	184,400	321,100	1,280	.109	.050	.162	.090	.131	.458
1943	Nov.	215,400	313,000	1,070	.115	.049	.160	.103	.129	.445
1943	Dec.	189,500	296,500	1,150	.110	.048	.165	.096	.135	.446
1944	Jan.	139,900	247,000	1,300	.100	.047	.174	.085	.149	.445
1944	Feb.	152,100	237,100	1,150	.105	.046	.172	.094	.146	.437
1944	Mar.	166,500	257,600	1,140	.106	.047	.171	.094	.144	.438
1944	Apr.	303,600	333,800	809	.128	.049	.152	.125	.120	.426
1944	May	1,784,000	709,100	292	.187	.047	.102	.251	.067	.345
1944	June	1,843,000	622,900	249	.188	.045	.102	.273	.068	.324
1944	July	677,200	399,600	434	.151	.046	.136	.186	.102	.379
1944	Aug.	148,700	256,300	1,270	.102	.047	.172	.087	.146	.446
1944	Sept.	99,040	233,900	1,740	.091	.047	.178	.069	.154	.462
1944	Oct.	159,100	332,100	1,530	.109	.049	.157	.079	.114	.492
1944	Nov.	195,700	342,800	1,290	.117	.050	.153	.091	.109	.481

1944	Dec.	171,100	286,500	1,230	.111	.049	.161	.090	.124	.466
1945	Jan.	149,000	274,700	1,360	.106	.048	.164	.084	.127	.472
1945	Feb.	150,500	272,400	1,330	.110	.049	.160	.086	.120	.476
1945	Mar.	177,800	290,700	1,200	.111	.049	.160	.092	.123	.465
1945	Apr.	328,500	292,000	654	.128	.048	.151	.136	.117	.421
1945	May	1,495,000	541,200	266	.178	.045	.110	.262	.075	.331
1945	June	1,311,000	482,300	270	.174	.045	.114	.257	.080	.332
1945	July	676,400	399,900	435	.153	.047	.133	.188	.097	.382
1945	Aug.	446,400	427,000	703	.144	.049	.137	.141	.095	.433
1945	Sept.	146,000	256,000	1,290	.106	.048	.155	.086	.130	.466
1945	Oct.	216,900	352,600	1,200	.119	.049	.151	.093	.111	.477
1945	Nov.	224,100	303,800	997	.120	.048	.156	.105	.121	.451
1945	Dec.	182,800	219,400	883	.110	.047	.169	.109	.150	.415
1946	Jan.	174,300	231,900	979	.109	.047	.169	.103	.146	.426
1946	Feb.	154,900	199,000	945	.108	.047	.171	.105	.151	.419
1946	Mar.	190,700	241,200	930	.111	.047	.167	.107	.143	.425
1946	Apr.	524,600	320,300	449	.140	.047	.143	.174	.113	.383
1946	May	725,300	342,200	347	.152	.046	.133	.209	.106	.353
1946	June	1,026,000	429,300	308	.167	.046	.121	.230	.088	.348
1946	July	309,500	326,700	776	.127	.048	.151	.123	.117	.434
1946	Aug.	195,700	357,200	1,340	.115	.048	.150	.084	.109	.493
1946	Sept.	135,500	264,100	1,430	.104	.048	.164	.079	.131	.474
1946	Oct.	206,300	372,600	1,330	.118	.047	.146	.082	.102	.504
1946	Nov.	206,300	325,400	1,160	.119	.047	.151	.092	.111	.480
1946	Dec.	208,200	296,800	1,050	.105	.047	.156	.099	.122	.458
1947	Jan.	145,200	237,800	1,200	.105	.047	.166	.086	.141	.454
1947	Feb.	150,400	223,000	1,090	.109	.048	.164	.094	.138	.446
1947	Mar.	189,100	273,100	1,060	.114	.047	.159	.096	.128	.455
1947	Apr.	315,500	271,400	633	.131	.048	.151	.144	.125	.401
1947	May	1,423,000	555,400	287	.183	.044	.107	.258	.071	.337
1947	June	1,594,000	623,600	288	.191	.044	.101	.259	.063	.342
1947	July	984,600	436,800	326	.167	.045	.120	.234	.087	.347
1947	Aug.	369,300	439,400	875	.135	.047	.135	.116	.091	.471
1947	Sept.	259,000	354,900	1,010	.128	.047	.145	.103	.104	.473
1947	Oct.	328,400	469,900	1,050	.130	.046	.146	.099	.112	.468
1947	Nov.	276,600	343,200	913	.124	.047	.156	.112	.129	.432
1947	Dec.	222,700	310,500	1,030	.115	.047	.162	.101	.142	.432
1948	Jan.	190,700	254,600	982	.110	.047	.168	.104	.156	.414
1948	Feb.	210,400	280,800	981	.117	.047	.162	.104	.143	.427
1948	Mar.	244,500	331,400	997	.119	.047	.160	.104	.137	.435
1948	Apr.	830,300	481,600	427	.165	.045	.124	.195	.088	.383
1948	May	1,960,000	703,500	264	.199	.042	.096	.272	.058	.333
1948	June	1,499,000	594,600	292	.188	.043	.104	.254	.067	.344
1948	July	446,000	364,600	601	.141	.047	.144	.153	.116	.399
1948	Aug.	224,900	330,100	1,080	.116	.046	.161	.097	.138	.442
1948	Sept.	121,400	254,600	1,540	.095	.045	.176	.071	.168	.446
1948	Oct.	174,700	336,500	1,420	.104	.046	.169	.077	.155	.449
1948	Nov.	204,400	348,000	1,250	.111	.046	.165	.086	.147	.445
1948	Dec.	185,600	308,000	1,220	.108	.047	.167	.086	.152	.440
1949	Jan.	187,700	307,400	1,200	.109	.047	.166	.087	.151	.440
1949	Feb.	187,000	263,900	1,040	.114	.048	.163	.098	.146	.431
1949	Mar.	243,000	349,400	1,060	.118	.047	.161	.098	.140	.436
1949	Apr.	615,100	420,400	503	.150	.046	.135	.173	.105	.390
1949	May	1,289,000	511,900	292	.181	.044	.108	.261	.073	.333

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 21. 09180500 Colorado River near Cisco, Utah, water years 1929 through 1983--Continued											
1949	June	1,910,000	701,700	270	0.194	0.042	0.100	0.279	0.062	0.324	
1949	July	907,900	482,500	391	.168	.046	.122	.213	.087	.364	
1949	Aug.	224,200	343,000	1,130	.114	.047	.163	.093	.145	.439	
1949	Sept.	158,500	320,100	1,480	.102	.046	.170	.073	.158	.451	
1949	Oct.	225,600	413,400	1,350	.115	.046	.161	.086	.142	.450	
1949	Nov.	210,000	356,200	1,250	.115	.047	.161	.089	.144	.445	
1949	Dec.	180,300	306,600	1,250	.111	.047	.163	.086	.149	.444	
1950	Jan.	198,700	316,500	1,170	.114	.047	.161	.091	.146	.441	
1950	Feb.	200,800	302,900	1,110	.117	.047	.159	.095	.143	.440	
1950	Mar.	209,000	282,400	994	.117	.048	.159	.100	.144	.433	
1950	Apr.	540,900	325,100	442	.147	.047	.134	.172	.112	.387	
1950	May	763,800	363,700	350	.158	.046	.125	.202	.100	.368	
1950	June	1,113,000	477,900	316	.169	.045	.117	.222	.089	.357	
1950	July	346,600	338,800	719	.132	.047	.148	.127	.128	.418	
1950	Aug.	109,400	204,200	1,370	.099	.047	.170	.075	.167	.443	
1950	Sept.	137,700	268,500	1,430	.105	.047	.167	.077	.157	.448	
1950	Oct.	125,200	262,000	1,540	.100	.046	.168	.071	.158	.457	
1950	Nov.	161,400	292,500	1,330	.110	.047	.162	.081	.145	.454	
1950	Dec.	167,400	273,700	1,200	.110	.047	.163	.086	.149	.445	
1951	Jan.	152,700	248,200	1,190	.106	.046	.165	.084	.156	.442	
1951	Feb.	151,100	223,000	1,090	.110	.047	.163	.091	.153	.437	
1951	Mar.	161,400	229,200	1,040	.108	.046	.165	.091	.158	.432	
1951	Apr.	172,800	202,700	863	.110	.046	.163	.102	.160	.419	
1951	May	757,900	402,500	391	.158	.048	.129	.190	.101	.374	
1951	June	1,173,000	464,400	291	.174	.047	.116	.233	.085	.345	
1951	July	529,400	326,300	453	.145	.048	.139	.168	.116	.385	
1951	Aug.	238,300	314,800	971	.123	.048	.155	.102	.135	.438	
1951	Sept.	130,500	234,900	1,320	.103	.046	.167	.078	.159	.447	
1951	Oct.	169,000	311,300	1,350	.111	.048	.161	.080	.139	.462	
1951	Nov.	178,200	291,200	1,200	.113	.047	.161	.086	.142	.451	
1951	Dec.	172,000	258,100	1,100	.110	.047	.165	.089	.155	.435	
1952	Jan.	190,800	294,400	1,130	.114	.047	.161	.089	.143	.446	
1952	Feb.	155,600	258,800	1,220	.109	.047	.164	.084	.149	.447	
1952	Mar.	193,700	284,300	1,080	.114	.047	.162	.092	.146	.440	
1952	Apr.	969,500	484,200	367	.167	.048	.122	.194	.092	.377	
1952	May	2,152,000	686,500	235	.194	.046	.100	.264	.068	.328	
1952	June	2,314,000	685,000	218	.197	.045	.097	.275	.065	.320	
1952	July	641,200	459,000	526	.156	.049	.132	.157	.101	.405	
1952	Aug.	357,700	406,800	836	.136	.049	.146	.116	.115	.439	
1952	Sept.	213,300	318,100	1,100	.119	.048	.157	.093	.133	.450	

1952	Oct.	165,800	289,700	1,280	.110	.047	.165	.079	.144	.455
1952	Nov.	176,800	313,700	1,300	.113	.047	.163	.080	.138	.459
1952	Dec.	187,600	317,000	1,240	.114	.047	.162	.083	.138	.455
1953	Jan.	185,400	312,000	1,240	.113	.047	.163	.083	.139	.455
1953	Feb.	142,400	237,000	1,220	.109	.047	.167	.081	.148	.448
1953	Mar.	186,700	291,900	1,150	.114	.047	.163	.086	.141	.448
1953	Apr.	249,900	244,000	718	.125	.047	.158	.116	.141	.414
1953	May	606,100	356,400	432	.125	.048	.135	.177	.110	.375
1953	June	1,399,000	513,100	270	.179	.046	.114	.245	.084	.332
1953	July	353,000	358,300	746	.134	.048	.151	.120	.123	.424
1953	Aug.	255,800	350,100	1,010	.125	.048	.155	.099	.128	.445
1953	Sept.	127,800	249,800	1,440	.103	.046	.169	.071	.152	.458
1953	Oct.	177,400	358,800	1,490	.113	.045	.163	.072	.135	.472
1953	Nov.	206,800	360,400	1,280	.118	.046	.160	.080	.134	.462
1953	Dec.	171,100	302,000	1,300	.114	.046	.164	.077	.141	.458
1954	Jan.	176,500	329,800	1,370	.113	.046	.164	.075	.139	.464
1954	Feb.	142,900	247,100	1,270	.113	.047	.165	.078	.144	.454
1954	Mar.	160,600	244,900	1,120	.115	.047	.164	.084	.146	.444
1954	Apr.	221,000	225,000	749	.126	.048	.155	.111	.142	.419
1954	May	435,900	306,000	516	.143	.047	.141	.147	.128	.395
1954	June	216,800	246,400	836	.125	.047	.156	.104	.141	.426
1954	July	150,000	239,300	1,170	.113	.047	.165	.082	.147	.447
1954	Aug.	98,480	202,400	1,510	.103	.047	.172	.067	.154	.457
1954	Sept.	171,300	338,400	1,450	.113	.046	.163	.073	.137	.469
1954	Oct.	215,300	327,500	1,120	.121	.046	.160	.087	.139	.447
1954	Nov.	164,200	289,100	1,290	.115	.046	.163	.077	.142	.457
1954	Dec.	139,900	278,700	1,460	.110	.046	.166	.069	.144	.465
1955	Jan.	133,500	265,700	1,460	.110	.046	.165	.069	.144	.466
1955	Feb.	121,400	228,800	1,390	.112	.046	.163	.071	.142	.465
1955	Mar.	197,900	291,100	1,080	.121	.046	.158	.087	.138	.449
1955	Apr.	320,400	263,500	605	.141	.047	.142	.129	.125	.417
1955	May	751,800	362,800	355	.162	.045	.124	.192	.110	.366
1955	June	689,100	364,900	389	.159	.045	.128	.182	.113	.374
1955	July	214,400	250,500	859	.128	.047	.152	.100	.133	.440
1955	Aug.	185,000	289,100	1,150	.119	.046	.160	.084	.139	.452
1955	Sept.	107,700	221,200	1,510	.108	.047	.165	.066	.144	.471
1955	Oct.	119,400	246,900	1,520	.107	.045	.167	.065	.151	.466
1955	Nov.	168,600	319,900	1,400	.117	.043	.164	.074	.141	.462
1955	Dec.	176,000	305,100	1,270	.118	.044	.162	.078	.141	.457
1956	Jan.	155,000	269,000	1,280	.115	.045	.162	.075	.145	.458
1956	Feb.	141,400	251,600	1,310	.114	.045	.163	.074	.145	.459
1956	Mar.	187,100	274,100	1,080	.121	.046	.158	.085	.140	.449
1956	Apr.	355,600	257,200	532	.148	.048	.137	.141	.122	.405
1956	May	1,005,000	430,200	315	.179	.043	.115	.216	.094	.353
1956	June	923,800	389,200	310	.177	.043	.116	.214	.096	.354
1956	July	172,200	240,000	1,020	.121	.046	.157	.087	.142	.447
1956	Aug.	118,700	220,200	1,360	.109	.046	.164	.069	.151	.461
1956	Sept.	81,480	178,800	1,610	.098	.047	.169	.058	.161	.467
1956	Oct.	120,800	253,300	1,540	.105	.045	.169	.064	.158	.459
1956	Nov.	165,500	296,500	1,320	.113	.044	.167	.074	.154	.448
1956	Dec.	141,700	272,800	1,420	.109	.045	.168	.069	.155	.455
1957	Jan.	164,300	299,800	1,340	.112	.045	.167	.072	.154	.450
1957	Feb.	167,600	258,500	1,130	.119	.045	.161	.083	.144	.448
1957	Mar.	167,500	261,600	1,150	.118	.046	.160	.081	.143	.452

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 21. 09180500 Colorado River near Cisco, Utah, water years 1929 through 1983--Continued										
1957	Apr.	397,800	309,100	571	0.150	0.045	0.137	0.139	0.113	0.415
1957	May	1,375,000	578,700	310	.185	.040	.114	.226	.087	.347
1957	June	2,859,000	817,100	210	.202	.036	.098	.293	.072	.298
1957	July	1,952,000	694,700	262	.192	.038	.108	.253	.082	.327
1957	Aug.	660,700	522,100	581	.155	.042	.143	.145	.121	.394
1957	Sept.	313,800	367,300	861	.134	.044	.155	.105	.136	.426
1957	Oct.	292,100	437,700	1,100	.125	.043	.166	.089	.153	.425
1957	Nov.	299,500	429,000	1,050	.127	.043	.164	.092	.150	.424
1957	Dec.	238,700	363,400	1,120	.120	.043	.166	.086	.152	.433
1958	Jan.	200,200	318,000	1,170	.116	.044	.166	.082	.152	.439
1958	Feb.	225,100	304,900	996	.124	.044	.161	.094	.144	.434
1958	Mar.	254,200	337,400	976	.125	.044	.160	.095	.143	.433
1958	Apr.	755,600	395,600	385	.166	.042	.125	.187	.099	.381
1958	May	2,032,000	589,200	213	.200	.037	.095	.284	.066	.317
1958	June	1,560,000	531,900	251	.193	.039	.103	.256	.074	.335
1958	July	234,000	275,300	865	.124	.045	.156	.101	.137	.437
1958	Aug.	109,400	223,700	1,500	.099	.044	.174	.064	.164	.455
1958	Sept.	153,100	301,600	1,450	.106	.043	.174	.068	.167	.441
1958	Oct.	155,100	296,600	1,410	.106	.044	.174	.069	.165	.441
1958	Nov.	189,700	307,000	1,190	.113	.044	.169	.079	.158	.436
1958	Dec.	175,800	293,100	1,230	.112	.045	.168	.077	.156	.442
1959	Jan.	167,600	283,500	1,240	.112	.045	.168	.077	.155	.444
1959	Feb.	152,800	240,100	1,160	.115	.045	.163	.081	.147	.448
1959	Mar.	149,600	252,700	1,240	.112	.046	.164	.077	.149	.453
1959	Apr.	162,800	218,700	988	.121	.046	.153	.091	.133	.456
1959	May	535,600	347,800	478	.152	.044	.135	.155	.112	.403
1959	June	923,700	411,600	328	.169	.042	.121	.200	.098	.371
1959	July	214,100	232,900	800	.129	.046	.147	.105	.124	.449
1959	Aug.	159,600	280,300	1,290	.109	.045	.170	.074	.160	.442
1959	Sept.	124,200	238,100	1,410	.106	.045	.169	.069	.157	.454
1959	Oct.	250,500	351,700	1,030	.128	.044	.154	.090	.135	.450
1959	Nov.	210,200	277,200	970	.127	.044	.153	.092	.134	.449
1959	Dec.	163,100	255,900	1,150	.119	.044	.158	.080	.140	.457
1960	Jan.	164,000	257,400	1,150	.119	.044	.158	.080	.140	.457
1960	Feb.	143,200	225,800	1,160	.118	.045	.159	.079	.141	.458
1960	Mar.	273,100	327,300	881	.132	.044	.150	.099	.131	.444
1960	Apr.	629,300	316,200	369	.165	.042	.122	.178	.103	.391
1960	May	758,000	351,000	341	.169	.041	.119	.188	.100	.383
1960	June	1,068,000	421,700	290	.178	.040	.112	.212	.092	.366

1960	July	250,600	738	.134	.044	.146	.109	.128	.438
1960	Aug.	105,500	1,350	.109	.045	.164	.069	.147	.466
1960	Sept.	116,600	1,460	.110	.044	.165	.067	.148	.466
1960	Oct.	152,800	1,180	.118	.041	.159	.077	.149	.456
1960	Nov.	176,800	1,060	.124	.042	.156	.085	.142	.451
1960	Dec.	164,600	1,130	.121	.042	.158	.080	.146	.454
1961	Jan.	156,500	1,170	.119	.042	.159	.078	.148	.455
1961	Feb.	139,600	1,180	.118	.042	.159	.077	.148	.456
1961	Mar.	162,000	1,140	.120	.042	.158	.079	.147	.454
1961	Apr.	206,400	950	.129	.042	.153	.092	.137	.447
1961	May	676,800	448	.169	.041	.127	.167	.100	.397
1961	June	664,500	443	.170	.041	.126	.168	.099	.396
1961	July	130,500	1,300	.113	.041	.162	.070	.155	.459
1961	Aug.	137,800	1,260	.114	.041	.161	.072	.152	.458
1961	Sept.	315,700	721	.144	.042	.144	.116	.123	.432
1961	Oct.	357,000	736	.149	.040	.141	.117	.118	.435
1961	Nov.	251,800	869	.138	.040	.149	.101	.132	.440
1961	Dec.	197,000	1,030	.128	.040	.155	.087	.143	.447
1962	Jan.	182,300	1,050	.126	.040	.156	.085	.148	.445
1962	Feb.	261,300	854	.141	.040	.146	.103	.125	.444
1962	Mar.	246,100	865	.136	.040	.150	.101	.136	.437
1962	Apr.	1,054,000	317	.186	.039	.112	.212	.084	.367
1962	May	1,603,000	266	.200	.038	.102	.242	.070	.349
1962	June	1,400,000	286	.197	.039	.105	.231	.072	.358
1962	July	764,700	424	.175	.040	.122	.175	.094	.394
1962	Aug.	206,000	987	.130	.040	.154	.090	.143	.444
1962	Sept.	173,000	1,310	.123	.039	.156	.073	.135	.474
1962	Oct.	262,400	912	.133	.037	.156	.099	.140	.435
1962	Nov.	242,900	919	.133	.037	.156	.099	.144	.431
1962	Dec.	180,100	1,090	.121	.036	.164	.085	.166	.429
1963	Jan.	163,400	1,170	.117	.036	.166	.080	.170	.431
1963	Feb.	193,300	1,020	.126	.036	.161	.090	.153	.434
1963	Mar.	219,400	963	.127	.037	.160	.094	.156	.427
1963	Apr.	244,600	775	.136	.038	.153	.113	.156	.404
1963	May	516,600	508	.163	.040	.134	.159	.117	.387
1963	June	331,900	702	.147	.039	.147	.124	.133	.411
1963	July	114,500	1,450	.104	.034	.173	.066	.192	.430
1963	Aug.	167,700	1,240	.116	.035	.167	.075	.162	.446
1963	Sept.	182,600	1,180	.120	.035	.164	.079	.152	.450
1963	Oct.	134,200	1,420	.093	.048	.176	.074	.202	.407
1963	Nov.	178,800	1,120	.105	.048	.167	.089	.181	.409
1963	Dec.	138,300	1,330	.095	.049	.176	.078	.198	.404
1964	Jan.	132,000	1,390	.093	.048	.177	.074	.203	.405
1964	Feb.	120,900	1,380	.093	.049	.178	.076	.201	.403
1964	Mar.	128,500	1,400	.092	.049	.178	.075	.203	.404
1964	Apr.	214,400	926	.113	.048	.162	.105	.169	.404
1964	May	860,700	355	.166	.042	.118	.196	.106	.372
1964	June	779,900	390	.167	.043	.117	.192	.101	.379
1964	July	276,000	787	.122	.048	.154	.119	.156	.401
1964	Aug.	241,000	1,050	.114	.047	.157	.092	.171	.418
1964	Sept.	152,600	1,230	.100	.048	.172	.084	.190	.406
1964	Oct.	163,500	1,250	.100	.049	.176	.078	.180	.418
1964	Nov.	181,900	1,210	.102	.048	.177	.080	.184	.409
1964	Dec.	181,300	1,110	.106	.049	.168	.086	.167	.424

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 21. 09180500 Colorado River near Cisco, Utah, water years 1929 through 1983--Continued										
1965	Jan.	161,800	257,800	1,170	0.103	0.050	0.170	0.082	0.169	0.427
1965	Feb.	140,600	235,700	1,230	.100	.049	.173	.079	.175	.424
1965	Mar.	154,300	252,300	1,200	.102	.050	.170	.081	.168	.429
1965	Apr.	562,300	353,200	462	.149	.047	.128	.162	.114	.400
1965	May	1,272,000	499,700	289	.179	.043	.102	.225	.085	.365
1965	June	1,654,000	568,900	253	.187	.041	.098	.245	.082	.347
1965	July	1,117,000	527,200	347	.170	.043	.115	.201	.104	.367
1965	Aug.	446,700	370,800	610	.137	.047	.143	.135	.135	.404
1965	Sept.	369,100	391,700	780	.125	.046	.160	.113	.162	.394
1965	Oct.	359,900	395,400	808	.130	.044	.156	.112	.144	.414
1965	Nov.	249,300	337,000	994	.119	.044	.165	.095	.157	.420
1965	Dec.	236,700	313,400	974	.119	.046	.161	.096	.150	.428
1966	Jan.	199,600	274,200	1,010	.116	.047	.161	.093	.151	.434
1966	Feb.	168,800	241,500	1,050	.114	.047	.162	.090	.152	.436
1966	Mar.	278,100	290,000	767	.129	.047	.147	.114	.133	.431
1966	Apr.	438,400	280,200	470	.151	.049	.118	.162	.099	.420
1966	May	696,900	397,100	419	.162	.045	.117	.178	.098	.401
1966	June	428,900	342,500	587	.144	.046	.134	.140	.118	.418
1966	July	185,300	262,800	1,040	.113	.047	.162	.090	.152	.436
1966	Aug.	119,800	224,000	1,370	.100	.047	.173	.072	.168	.440
1966	Sept.	144,700	256,100	1,300	.104	.046	.174	.076	.168	.433
1966	Oct.	174,300	293,600	1,240	.108	.043	.174	.079	.163	.432
1966	Nov.	153,300	265,300	1,270	.107	.044	.174	.077	.163	.435
1966	Dec.	174,700	278,500	1,170	.111	.044	.171	.083	.159	.432
1967	Jan.	146,100	245,200	1,230	.106	.045	.171	.078	.159	.440
1967	Feb.	135,700	229,800	1,250	.106	.044	.173	.078	.161	.438
1967	Mar.	185,500	255,500	1,010	.114	.047	.161	.092	.147	.439
1967	Apr.	198,300	268,200	995	.116	.046	.161	.094	.147	.436
1967	May	461,600	342,900	546	.139	.048	.137	.144	.122	.410
1967	June	713,500	431,500	445	.155	.049	.122	.173	.106	.396
1967	July	327,000	331,900	746	.130	.047	.148	.117	.134	.423
1967	Aug.	174,900	271,300	1,140	.111	.044	.170	.084	.157	.433
1967	Sept.	177,500	278,100	1,150	.111	.044	.170	.084	.157	.434
1967	Oct.	174,500	256,100	1,080	.112	.046	.163	.089	.152	.438
1967	Nov.	210,800	274,000	956	.119	.046	.157	.098	.144	.435
1967	Dec.	241,000	282,600	863	.123	.047	.153	.106	.140	.431
1968	Jan.	205,300	225,600	808	.118	.049	.153	.109	.143	.427
1968	Feb.	193,100	228,300	869	.118	.048	.155	.104	.143	.431
1968	Mar.	171,000	236,900	1,020	.112	.047	.162	.092	.151	.436
1968	Apr.	230,200	229,000	732	.123	.050	.149	.118	.137	.424

1968	May	667,200	372,300	410	.155	.052	.117	.183	.102	.391
1968	June	1,171,000	478,300	300	.173	.051	.100	.228	.084	.365
1968	July	305,500	317,000	763	.129	.047	.147	.117	.132	.427
1968	Aug.	364,900	420,100	847	.136	.045	.146	.112	.128	.433
1968	Sept.	158,700	259,400	1,200	.110	.044	.167	.082	.155	.442
1968	Oct.	213,400	317,300	1,090	.118	.049	.154	.093	.145	.442
1968	Nov.	256,400	313,700	900	.125	.050	.148	.107	.138	.433
1968	Dec.	248,400	279,500	828	.122	.049	.153	.111	.143	.422
1969	Jan.	259,400	269,400	764	.123	.048	.152	.117	.142	.417
1969	Feb.	188,600	226,200	882	.116	.048	.160	.104	.151	.422
1969	Mar.	249,800	247,300	728	.121	.048	.155	.120	.145	.411
1969	Apr.	714,200	379,600	391	.155	.053	.118	.187	.104	.383
1969	May	987,400	441,100	328	.165	.054	.108	.212	.093	.369
1969	June	731,100	447,900	451	.159	.054	.114	.175	.101	.397
1969	July	471,800	359,800	561	.142	.052	.132	.148	.119	.408
1969	Aug.	199,000	257,600	952	.115	.047	.160	.099	.152	.427
1969	Sept.	239,900	315,500	967	.122	.049	.150	.101	.140	.437
1969	Oct.	324,100	341,000	773	.127	.051	.149	.120	.136	.418
1969	Nov.	288,900	290,900	740	.126	.049	.152	.121	.143	.408
1969	Dec.	252,100	265,500	774	.122	.047	.158	.116	.154	.404
1970	Jan.	235,700	249,400	778	.120	.047	.160	.114	.158	.400
1970	Feb.	219,800	207,800	695	.123	.046	.156	.122	.161	.389
1970	Mar.	276,700	241,700	642	.127	.046	.160	.130	.154	.387
1970	Apr.	327,400	265,900	597	.132	.048	.149	.139	.142	.390
1970	May	1,385,000	503,000	267	.170	.050	.105	.243	.084	.349
1970	June	1,340,000	502,300	276	.171	.050	.104	.240	.083	.352
1970	July	537,700	350,300	479	.143	.049	.135	.164	.121	.388
1970	Aug.	245,100	278,700	836	.120	.048	.158	.110	.152	.411
1970	Sept.	406,800	405,500	733	.133	.054	.138	.127	.119	.428
1970	Oct.	359,800	332,800	680	.130	.046	.157	.130	.142	.395
1970	Nov.	338,300	287,400	625	.132	.045	.156	.132	.149	.386
1970	Dec.	317,000	272,300	632	.132	.045	.157	.127	.155	.384
1971	Jan.	332,000	255,900	567	.135	.044	.156	.132	.158	.375
1971	Feb.	320,600	225,100	516	.138	.044	.155	.138	.158	.368
1971	Mar.	412,700	264,000	470	.140	.044	.152	.148	.153	.363
1971	Apr.	579,500	291,200	369	.145	.044	.147	.173	.142	.350
1971	May	768,000	392,200	376	.143	.046	.144	.186	.125	.356
1971	June	1,141,000	445,900	287	.148	.045	.136	.221	.112	.337
1971	July	535,400	339,800	467	.138	.045	.150	.159	.137	.371
1971	Aug.	245,900	270,800	810	.125	.045	.161	.111	.156	.401
1971	Sept.	282,400	298,200	776	.126	.046	.160	.118	.148	.402
1971	Oct.	279,700	325,500	856	.120	.044	.165	.108	.158	.405
1971	Nov.	276,100	287,500	766	.125	.044	.161	.116	.154	.400
1971	Dec.	284,100	289,300	749	.125	.044	.161	.117	.154	.399
1972	Jan.	267,200	266,800	734	.127	.044	.160	.118	.154	.398
1972	Feb.	226,700	231,900	752	.126	.044	.160	.115	.156	.399
1972	Mar.	279,000	256,600	676	.130	.045	.157	.123	.151	.394
1972	Apr.	201,600	208,600	761	.126	.044	.160	.112	.159	.399
1972	May	453,000	310,300	504	.140	.045	.149	.150	.136	.379
1972	June	758,800	367,800	356	.152	.046	.138	.189	.117	.357
1972	July	191,500	225,800	867	.120	.043	.164	.103	.165	.405
1972	Aug.	119,400	195,800	1,210	.108	.042	.172	.081	.182	.416
1972	Sept.	200,700	281,400	1,030	.113	.043	.170	.095	.168	.412
1972	Oct.	302,300	365,400	889	.125	.041	.162	.102	.158	.412

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 21. 09180500 Colorado River near Cisco, Utah, water years 1929 through 1983--Continued										
1972	Nov.	281,300	299,200	782	0.130	0.042	0.157	0.111	0.149	0.411
1972	Dec.	267,200	269,500	742	.130	.043	.155	.113	.147	.411
1973	Jan.	282,600	287,900	749	.131	.043	.155	.114	.146	.411
1973	Feb.	210,600	244,900	855	.127	.042	.157	.104	.151	.419
1973	Mar.	240,300	281,400	861	.126	.042	.158	.103	.151	.418
1973	Apr.	388,000	352,800	669	.134	.042	.155	.124	.146	.398
1973	May	1,557,000	619,300	293	.159	.043	.134	.211	.117	.335
1973	June	1,557,000	595,200	281	.161	.044	.132	.218	.114	.332
1973	July	798,700	446,600	411	.150	.044	.142	.170	.127	.366
1973	Aug.	330,600	326,000	725	.132	.043	.155	.117	.147	.406
1973	Sept.	220,500	285,700	953	.123	.041	.163	.099	.162	.413
1973	Oct.	250,900	320,000	938	.122	.041	.161	.097	.157	.421
1973	Nov.	247,500	291,700	867	.124	.041	.161	.105	.159	.409
1973	Dec.	290,000	267,000	677	.133	.044	.154	.125	.147	.398
1974	Jan.	311,500	265,600	627	.136	.044	.152	.131	.143	.394
1974	Feb.	294,100	232,900	582	.138	.045	.150	.138	.139	.390
1974	Mar.	363,400	294,600	596	.139	.044	.150	.136	.139	.392
1974	Apr.	361,300	283,600	577	.139	.044	.150	.137	.139	.391
1974	May	1,016,000	385,600	279	.170	.048	.122	.217	.099	.345
1974	June	746,900	359,900	354	.161	.047	.131	.188	.111	.362
1974	July	313,400	304,200	714	.132	.043	.156	.119	.149	.402
1974	Aug.	160,700	232,600	1,060	.114	.040	.168	.091	.174	.414
1974	Sept.	157,900	253,000	1,180	.111	.039	.170	.084	.177	.418
1974	Oct.	205,800	311,300	1,110	.118	.040	.165	.093	.167	.417
1974	Nov.	258,900	314,000	892	.126	.042	.159	.108	.156	.409
1974	Dec.	225,900	263,400	857	.126	.042	.160	.110	.158	.404
1975	Jan.	235,800	258,800	807	.127	.042	.159	.114	.156	.401
1975	Feb.	207,200	223,500	793	.128	.043	.159	.115	.156	.400
1975	Mar.	240,400	259,000	792	.128	.043	.159	.116	.155	.400
1975	Apr.	377,100	306,700	598	.138	.044	.150	.137	.141	.390
1975	May	1,007,000	446,000	326	.161	.046	.129	.200	.109	.355
1975	June	1,243,000	488,900	289	.165	.046	.124	.215	.103	.348
1975	July	806,500	403,500	368	.155	.045	.134	.184	.117	.364
1975	Aug.	226,400	265,100	861	.125	.042	.161	.109	.159	.405
1975	Sept.	185,200	268,500	1,070	.119	.040	.165	.095	.167	.414
1975	Oct.	233,100	316,200	998	.121	.042	.162	.108	.163	.405
1975	Nov.	278,600	311,400	822	.128	.043	.157	.121	.153	.398
1975	Dec.	262,300	275,900	774	.131	.044	.155	.124	.149	.398
1976	Jan.	229,500	243,400	780	.130	.045	.154	.122	.149	.400
1976	Feb.	206,200	238,800	852	.127	.044	.157	.116	.153	.403

1976 Mar.	220,200	240,300	802	.129	.045	.155	.119	.150	.401
1976 Apr.	276,600	306,500	815	.128	.043	.156	.122	.153	.398
1976 May	639,200	376,000	433	.151	.045	.139	.176	.123	.366
1976 June	591,900	358,100	445	.150	.045	.140	.173	.125	.368
1976 July	231,200	269,100	856	.126	.043	.158	.115	.156	.403
1976 Aug.	150,400	231,700	1,130	.116	.042	.164	.097	.167	.414
1976 Sept.	176,300	249,000	1,040	.119	.042	.162	.103	.164	.409
1976 Oct.	218,800	271,400	912	.124	.043	.160	.115	.160	.397
1976 Nov.	219,700	258,700	866	.126	.043	.158	.120	.156	.397
1976 Dec.	219,400	236,200	792	.130	.044	.151	.129	.144	.401
1977 Jan.	206,500	242,400	863	.127	.044	.155	.121	.151	.402
1977 Feb.	146,100	198,400	999	.123	.044	.158	.107	.158	.410
1977 Mar.	123,500	189,300	1,130	.120	.044	.160	.097	.161	.418
1977 Apr.	97,490	150,200	1,130	.122	.045	.152	.097	.153	.428
1977 May	142,800	185,100	953	.126	.045	.153	.112	.149	.416
1977 June	167,800	206,500	905	.125	.044	.156	.115	.153	.407
1977 July	126,900	224,300	1,300	.111	.042	.172	.085	.184	.406
1977 Aug.	108,700	198,200	1,340	.113	.043	.168	.084	.178	.414
1977 Sept.	127,000	205,900	1,190	.117	.043	.165	.093	.170	.412
1977 Oct.	141,200	215,500	1,120	.119	.037	.163	.095	.167	.419
1977 Nov.	142,300	217,600	1,120	.119	.035	.165	.095	.169	.417
1977 Dec.	129,700	188,600	1,070	.122	.046	.154	.100	.153	.425
1978 Jan.	136,600	186,700	1,010	.124	.050	.151	.106	.146	.424
1978 Feb.	138,400	180,900	961	.125	.047	.151	.110	.146	.421
1978 Mar.	191,400	230,000	883	.127	.042	.153	.119	.146	.412
1978 Apr.	476,600	355,800	549	.139	.033	.145	.179	.128	.375
1978 May	956,700	501,600	386	.145	.027	.136	.236	.113	.343
1978 June	1,343,000	539,300	295	.149	.029	.120	.289	.092	.319
1978 July	535,400	355,100	488	.142	.036	.138	.196	.118	.370
1978 Aug.	159,400	214,000	987	.124	.042	.156	.108	.153	.418
1978 Sept.	181,700	242,100	980	.123	.034	.163	.108	.162	.410
1978 Oct.	200,200	265,800	976	.120	.031	.166	.105	.172	.405
1978 Nov.	249,300	283,000	835	.126	.033	.161	.121	.159	.401
1978 Dec.	244,000	260,900	786	.126	.037	.157	.127	.155	.397
1979 Jan.	238,800	270,300	832	.125	.035	.160	.121	.159	.400
1979 Feb.	251,100	236,200	692	.130	.040	.151	.142	.146	.392
1979 Mar.	371,400	335,400	664	.134	.034	.153	.145	.141	.393
1979 Apr.	716,000	437,700	450	.146	.033	.139	.192	.114	.375
1979 May	1,513,000	627,400	305	.157	.033	.123	.252	.087	.349
1979 June	1,555,000	603,700	285	.158	.035	.118	.266	.082	.342
1979 July	755,100	416,600	406	.147	.038	.133	.209	.107	.366
1979 Aug.	278,300	304,500	805	.127	.033	.160	.124	.156	.400
1979 Sept.	218,000	270,400	912	.123	.032	.164	.112	.166	.403
1979 Oct.	225,000	281,300	919	.124	.029	.162	.106	.168	.412
1979 Nov.	225,800	272,700	888	.125	.030	.162	.109	.166	.409
1979 Dec.	258,100	268,700	766	.125	.037	.161	.118	.164	.395
1980 Jan.	261,900	257,100	722	.124	.042	.160	.121	.164	.388
1980 Feb.	257,400	246,500	704	.125	.041	.159	.125	.161	.387
1980 Mar.	272,800	263,600	711	.125	.041	.160	.123	.162	.389
1980 Apr.	565,700	360,200	468	.141	.038	.141	.183	.124	.372
1980 May	1,655,000	683,400	304	.158	.031	.118	.271	.079	.343
1980 June	1,578,000	557,900	260	.153	.045	.118	.282	.081	.322
1980 July	509,300	350,400	506	.137	.039	.147	.168	.132	.377
1980 Aug.	203,100	258,100	934	.121	.031	.164	.102	.174	.408

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 21. 09180500 Colorado River near Cisco, Utah, water years 1929 through 1983--Continued										
1980	Sept.	206,400	262,400	935	0.123	0.030	0.163	0.104	0.170	0.411
1980	Oct.	220,300	281,800	941	.119	.041	.166	.105	.179	.390
1980	Nov.	264,000	276,400	770	.125	.042	.161	.118	.165	.389
1980	Dec.	255,000	264,000	761	.124	.042	.161	.116	.169	.388
1981	Jan.	228,800	240,600	773	.122	.041	.163	.112	.174	.387
1981	Feb.	162,200	196,600	891	.116	.040	.167	.101	.189	.387
1981	Mar.	155,300	201,200	953	.113	.039	.169	.094	.198	.386
1981	Apr.	175,100	203,200	853	.116	.040	.167	.101	.191	.385
1981	May	296,400	269,800	669	.127	.042	.158	.126	.161	.386
1981	June	406,800	276,800	500	.135	.043	.149	.150	.142	.380
1981	July	195,800	256,200	962	.117	.040	.167	.101	.185	.389
1981	Aug.	127,000	201,000	1,160	.108	.038	.173	.084	.212	.385
1981	Sept.	183,100	248,300	997	.116	.040	.168	.099	.188	.389
1981	Oct.	242,500	262,400	796	.122	.042	.165	.113	.178	.380
1981	Nov.	199,900	236,500	870	.118	.041	.168	.106	.188	.379
1981	Dec.	179,000	230,500	947	.114	.040	.171	.099	.198	.378
1982	Jan.	170,100	225,400	974	.112	.040	.172	.097	.201	.377
1982	Feb.	205,900	229,300	819	.121	.041	.166	.111	.181	.380
1982	Mar.	263,200	232,500	650	.129	.043	.160	.127	.160	.381
1982	Apr.	409,200	292,600	526	.140	.044	.149	.149	.139	.379
1982	May	893,200	432,100	356	.158	.046	.130	.193	.103	.370
1982	June	1,065,000	462,600	319	.163	.047	.124	.207	.093	.366
1982	July	589,600	361,300	451	.147	.045	.142	.165	.125	.376
1982	Aug.	352,900	328,900	685	.131	.043	.156	.129	.159	.382
1982	Sept.	380,000	358,500	694	.132	.043	.155	.130	.157	.382
1982	Oct.	371,600	324,600	642	.127	.043	.162	.138	.165	.365
1982	Nov.	321,300	300,200	687	.123	.043	.165	.132	.174	.363
1982	Dec.	286,800	265,000	680	.121	.042	.167	.133	.172	.365
1983	Jan.	252,100	238,200	695	.118	.042	.169	.130	.175	.365
1983	Feb.	229,900	213,200	682	.119	.042	.168	.132	.173	.366
1983	Mar.	298,900	257,900	635	.124	.043	.164	.139	.164	.367
1983	Apr.	448,200	319,700	525	.136	.044	.153	.154	.147	.365
1983	May	1,563,000	679,800	320	.172	.048	.122	.205	.096	.357
1983	June	2,740,000	838,000	225	.191	.049	.102	.246	.068	.344
1983	July	1,700,000	614,700	266	.176	.048	.114	.225	.083	.353
1983	Aug.	672,600	439,800	481	.146	.046	.145	.165	.133	.365
1983	Sept.	307,900	298,300	712	.121	.042	.167	.128	.179	.362

Site 22. 09188500 Green River at Warren Bridge, near Daniel, Wyo.,
water years 1962 through 1982.

1961	Oct.	11,870	4,188	260	.258	.056	.019	.276	.003	.389
1961	Nov.	9,640	3,678	281	.257	.055	.019	.270	.003	.395
1961	Dec.	7,795	3,314	313	.257	.055	.018	.262	.003	.405
1962	Jan.	5,455	2,705	365	.255	.055	.017	.251	.003	.419
1962	Feb.	7,418	3,065	304	.257	.055	.018	.264	.003	.403
1962	Mar.	5,861	2,817	353	.256	.055	.017	.253	.003	.416
1962	Apr.	20,320	5,255	190	.258	.056	.021	.297	.003	.365
1962	May	82,460	12,640	113	.259	.056	.026	.341	.003	.315
1962	June	123,200	15,560	92	.258	.056	.028	.356	.003	.299
1962	July	93,800	13,520	106	.258	.056	.027	.346	.003	.310
1962	Aug.	39,250	8,257	155	.259	.056	.023	.316	.003	.342
1962	Sept.	12,730	4,316	249	.258	.056	.020	.279	.003	.385
1962	Oct.	11,920	4,225	261	.258	.056	.019	.276	.003	.388
1962	Nov.	9,146	3,581	288	.257	.055	.019	.268	.003	.398
1962	Dec.	8,271	3,429	305	.257	.055	.018	.264	.003	.403
1963	Jan.	7,597	3,262	316	.257	.055	.018	.262	.003	.406
1963	Feb.	6,407	2,838	326	.256	.055	.018	.259	.003	.409
1963	Mar.	6,774	3,054	332	.256	.055	.018	.258	.003	.411
1963	Apr.	9,818	3,702	277	.257	.055	.019	.271	.003	.395
1963	May	55,500	9,862	131	.259	.056	.025	.328	.003	.329
1963	June	105,100	14,310	100	.258	.056	.027	.351	.003	.305
1963	July	66,430	11,150	123	.259	.056	.025	.334	.003	.323
1963	Aug.	27,880	6,811	180	.259	.056	.022	.304	.003	.356
1963	Sept.	35,230	7,535	157	.259	.056	.023	.314	.003	.345
1963	Oct.	13,530	4,535	246	.259	.056	.020	.285	.003	.378
1963	Nov.	9,100	3,597	291	.258	.056	.019	.274	.003	.390
1963	Dec.	8,668	3,531	300	.258	.056	.018	.272	.003	.393
1964	Jan.	6,466	3,022	344	.257	.056	.017	.263	.003	.404
1964	Feb.	7,002	3,072	323	.257	.056	.018	.267	.003	.399
1964	Mar.	7,517	3,292	322	.257	.056	.018	.267	.003	.398
1964	Apr.	20,620	5,597	200	.259	.056	.022	.298	.004	.361
1964	May	61,670	10,290	123	.259	.055	.026	.331	.005	.324
1964	June	100,200	13,870	102	.258	.055	.028	.346	.005	.308
1964	July	118,500	15,430	95	.258	.055	.028	.350	.005	.303
1964	Aug.	36,220	7,845	159	.259	.056	.023	.314	.004	.343
1964	Sept.	11,400	4,095	264	.258	.056	.019	.280	.003	.383
1964	Oct.	8,422	3,492	305	.253	.063	.018	.286	.004	.376
1964	Nov.	7,162	3,120	320	.253	.063	.018	.283	.004	.380
1964	Dec.	5,774	2,773	353	.251	.064	.017	.277	.003	.387
1965	Jan.	5,361	2,646	363	.251	.064	.017	.275	.003	.389
1965	Feb.	7,200	3,049	311	.253	.063	.018	.284	.004	.378
1965	Mar.	5,794	2,779	353	.251	.064	.017	.277	.003	.387
1965	Apr.	14,870	4,681	231	.256	.061	.020	.301	.004	.358
1965	May	61,980	11,570	137	.261	.056	.024	.334	.006	.320
1965	June	154,100	19,950	95	.263	.053	.027	.356	.007	.294
1965	July	136,300	18,820	102	.262	.054	.026	.352	.007	.298
1965	Aug.	56,990	11,020	142	.261	.057	.024	.331	.006	.322
1965	Sept.	21,550	6,086	208	.258	.060	.021	.309	.005	.349
1966	Oct.	9,366	4,053	310	.209	.064	.016	.210	.003	.488
1966	Nov.	6,843	3,476	374	.209	.066	.014	.195	.003	.513
1966	Dec.	7,460	3,676	362	.210	.066	.015	.198	.003	.509

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 22. 09188500 Green River at Warren Bridge, near Daniel, Wyo., water years 1962 through 1982--Continued										
1967	Jan.	10,790	4,298	293	0.223	0.063	0.016	0.219	0.003	0.476
1967	Feb.	9,243	3,800	302	.221	.064	.016	.216	.003	.480
1967	Mar.	7,863	3,762	352	.212	.066	.015	.201	.003	.504
1967	Apr.	9,483	3,999	310	.220	.064	.016	.213	.003	.484
1967	May	56,640	7,912	103	.264	.050	.025	.320	.006	.335
1967	June	122,100	11,910	71	.282	.043	.030	.373	.007	.264
1967	July	128,000	12,290	70	.282	.043	.030	.374	.007	.263
1967	Aug.	44,790	7,827	129	.263	.052	.024	.307	.005	.349
1967	Sept.	18,750	5,342	210	.241	.059	.019	.254	.004	.423
1967	Oct.	15,030	5,062	248	.243	.056	.018	.242	.004	.438
1967	Nov.	8,743	3,803	320	.231	.057	.016	.213	.003	.481
1967	Dec.	8,130	3,745	339	.228	.057	.015	.207	.002	.490
1968	Jan.	8,452	3,818	332	.229	.057	.015	.209	.002	.487
1968	Feb.	7,446	3,462	342	.228	.057	.015	.206	.002	.492
1968	Mar.	10,410	4,228	299	.234	.057	.016	.221	.003	.469
1968	Apr.	11,260	4,315	282	.237	.056	.017	.227	.003	.460
1968	May	34,860	7,649	161	.258	.054	.022	.294	.006	.367
1968	June	110,300	13,330	88	.269	.048	.027	.368	.013	.274
1968	July	73,790	11,140	111	.267	.051	.025	.341	.010	.307
1968	Aug.	54,290	9,542	129	.264	.052	.024	.322	.008	.331
1968	Sept.	29,990	7,016	172	.256	.054	.021	.286	.006	.377
1968	Oct.	17,550	5,425	227	.250	.054	.018	.253	.005	.421
1968	Nov.	11,030	4,282	286	.243	.054	.016	.227	.004	.456
1968	Dec.	7,978	3,732	344	.236	.054	.015	.207	.003	.485
1969	Jan.	9,594	4,075	312	.240	.054	.015	.218	.004	.470
1969	Feb.	6,920	3,309	352	.235	.054	.014	.205	.003	.488
1969	Mar.	8,057	3,754	343	.236	.054	.015	.208	.003	.484
1969	Apr.	30,190	6,727	164	.257	.052	.020	.288	.006	.375
1969	May	99,730	12,310	90	.266	.049	.026	.363	.010	.286
1969	June	83,770	11,110	97	.265	.049	.025	.354	.010	.297
1969	July	66,180	10,160	113	.264	.050	.024	.336	.009	.316
1969	Aug.	35,580	7,566	156	.260	.052	.021	.296	.007	.364
1969	Sept.	15,490	5,020	238	.249	.054	.018	.247	.005	.428
1969	Oct.	10,050	4,176	305	.248	.051	.016	.217	.005	.464
1969	Nov.	6,208	3,152	373	.240	.050	.014	.193	.004	.499
1969	Dec.	4,655	2,752	435	.234	.050	.013	.177	.004	.523
1970	Jan.	5,720	3,072	395	.238	.050	.013	.187	.004	.508
1970	Feb.	6,070	3,034	368	.241	.050	.014	.195	.004	.495
1970	Mar.	7,478	3,561	350	.243	.050	.014	.201	.004	.487
1970	Apr.	7,674	3,556	341	.244	.051	.015	.204	.005	.482

1970	May	57,050	9,756	126	.260	.049	.024	.329	.009	.329
1970	June	111,700	14,930	98	.262	.048	.027	.373	.011	.280
1970	July	67,600	11,570	126	.263	.049	.024	.337	.009	.318
1970	Aug.	26,020	6,940	196	.259	.051	.020	.274	.007	.390
1970	Sept.	17,530	5,511	231	.255	.051	.018	.252	.006	.418
1970	Oct.	10,090	4,218	307	.247	.051	.016	.213	.006	.467
1970	Nov.	8,448	3,768	338	.245	.051	.015	.205	.006	.479
1970	Dec.	9,033	3,970	323	.245	.051	.015	.207	.006	.476
1971	Jan.	7,490	3,576	351	.241	.051	.015	.197	.005	.491
1971	Feb.	5,413	2,853	388	.237	.051	.014	.185	.005	.508
1971	Mar.	7,206	3,495	357	.241	.051	.015	.195	.005	.494
1971	Apr.	10,760	4,293	294	.249	.051	.016	.219	.006	.459
1971	May	80,690	13,000	119	.268	.046	.025	.346	.010	.305
1971	June	188,200	21,050	82	.267	.043	.029	.404	.012	.245
1971	July	99,850	15,140	112	.270	.045	.026	.358	.010	.291
1971	Aug.	49,440	10,150	151	.267	.048	.023	.312	.009	.342
1971	Sept.	22,890	6,369	205	.260	.049	.020	.265	.007	.399
1971	Oct.	13,670	5,177	278	.251	.050	.017	.225	.007	.449
1971	Nov.	11,050	4,475	298	.248	.050	.017	.215	.007	.464
1971	Dec.	7,283	3,560	359	.239	.050	.015	.190	.006	.501
1972	Jan.	7,486	3,619	356	.239	.050	.015	.191	.006	.498
1972	Feb.	6,528	3,245	366	.238	.050	.015	.187	.006	.504
1972	Mar.	10,180	4,344	314	.246	.050	.016	.208	.007	.473
1972	Apr.	17,330	5,817	247	.256	.049	.019	.242	.007	.427
1972	May	91,170	15,630	126	.270	.045	.026	.351	.010	.298
1972	June	180,800	23,290	95	.269	.042	.029	.401	.010	.247
1972	July	75,910	14,190	137	.270	.046	.025	.338	.009	.312
1972	Aug.	41,640	9,992	176	.267	.048	.022	.296	.008	.359
1972	Sept.	23,520	6,997	219	.260	.049	.020	.261	.008	.402
1972	Oct.	17,870	5,919	244	.253	.052	.019	.249	.006	.421
1972	Nov.	12,060	4,631	282	.248	.052	.018	.229	.005	.449
1972	Dec.	8,600	3,849	329	.241	.051	.017	.208	.004	.478
1973	Jan.	7,579	3,571	347	.238	.051	.016	.202	.004	.488
1973	Feb.	6,504	3,138	355	.238	.051	.016	.199	.004	.492
1973	Mar.	7,272	3,492	353	.238	.051	.016	.200	.004	.491
1973	Apr.	8,712	3,806	321	.242	.051	.017	.211	.005	.474
1973	May	68,350	12,460	134	.265	.050	.023	.335	.009	.318
1973	June	77,180	13,700	131	.266	.050	.024	.343	.010	.308
1973	July	61,180	12,180	146	.265	.050	.023	.325	.009	.328
1973	Aug.	30,010	8,027	197	.260	.051	.021	.280	.007	.381
1973	Sept.	21,270	6,422	222	.256	.052	.020	.262	.006	.405
1973	Oct.	11,900	4,642	287	.246	.054	.017	.229	.005	.449
1973	Nov.	9,420	4,000	312	.244	.053	.016	.219	.004	.463
1973	Dec.	7,285	3,573	361	.241	.052	.015	.204	.004	.483
1974	Jan.	7,242	3,563	362	.241	.052	.015	.204	.004	.484
1974	Feb.	6,458	3,199	364	.241	.052	.015	.203	.004	.485
1974	Mar.	7,553	3,646	355	.242	.052	.016	.206	.004	.481
1974	Apr.	18,800	5,675	222	.250	.055	.019	.256	.005	.415
1974	May	84,140	12,850	112	.252	.058	.024	.341	.008	.316
1974	June	167,300	18,610	82	.249	.059	.027	.385	.009	.271
1974	July	79,240	12,680	118	.253	.058	.024	.337	.008	.320
1974	Aug.	27,330	7,164	193	.252	.056	.020	.274	.006	.392
1974	Sept.	12,490	4,679	275	.247	.054	.017	.233	.005	.444
1974	Oct.	8,926	3,851	317	.244	.053	.017	.220	.004	.462

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 22. 09188500 Green River at Warren Bridge, near Daniel, Wyo., water years 1962 through 1982--Continued										
1974	Nov.	6,678	3,236	356	0.241	0.052	0.016	0.208	0.004	0.479
1974	Dec.	6,849	3,333	358	.241	.052	.016	.207	.004	.479
1975	Jan.	6,353	3,203	371	.240	.052	.016	.204	.004	.484
1975	Feb.	5,703	2,883	372	.240	.052	.016	.204	.004	.485
1975	Mar.	6,734	3,305	361	.241	.052	.016	.206	.004	.481
1975	Apr.	9,416	3,883	303	.244	.053	.017	.224	.004	.457
1975	May	31,350	7,380	173	.250	.057	.022	.285	.006	.380
1975	June	92,370	13,470	107	.250	.059	.026	.345	.009	.312
1975	July	149,000	17,510	86	.247	.059	.028	.371	.010	.285
1975	Aug.	38,190	8,364	161	.251	.057	.022	.295	.007	.368
1975	Sept.	14,700	4,965	248	.248	.055	.019	.246	.005	.428
1975	Oct.	10,370	4,003	284	.243	.053	.018	.224	.005	.457
1975	Nov.	9,029	3,671	299	.243	.053	.018	.219	.005	.463
1975	Dec.	6,883	3,306	353	.240	.052	.016	.207	.004	.481
1976	Jan.	6,734	3,269	357	.240	.052	.016	.206	.004	.482
1976	Feb.	5,712	2,920	376	.239	.052	.016	.202	.004	.487
1976	Mar.	6,214	3,149	373	.239	.052	.016	.202	.004	.486
1976	Apr.	13,410	4,407	242	.245	.053	.020	.237	.005	.440
1976	May	88,380	10,720	89	.248	.055	.030	.324	.010	.334
1976	June	99,740	11,290	83	.247	.055	.031	.331	.010	.325
1976	July	91,940	11,070	89	.248	.055	.030	.326	.010	.331
1976	Aug.	36,330	7,094	144	.248	.055	.025	.281	.007	.384
1976	Sept.	16,980	4,964	215	.246	.054	.021	.247	.006	.426
1976	Oct.	10,950	3,990	268	.245	.054	.019	.231	.005	.446
1976	Nov.	6,726	2,971	325	.242	.053	.017	.211	.004	.474
1976	Dec.	6,732	3,032	331	.241	.053	.017	.209	.004	.476
1977	Jan.	4,544	2,435	394	.238	.051	.015	.193	.004	.499
1977	Feb.	4,735	2,386	371	.239	.052	.016	.199	.004	.491
1977	Mar.	4,558	2,440	394	.238	.051	.015	.193	.004	.499
1977	Apr.	13,150	4,280	239	.246	.054	.020	.242	.005	.433
1977	May	16,510	5,034	224	.248	.054	.020	.250	.006	.422
1977	June	64,470	10,440	119	.250	.056	.028	.321	.008	.338
1977	July	32,110	7,291	167	.250	.055	.024	.283	.007	.381
1977	Aug.	21,620	5,834	199	.249	.055	.022	.263	.006	.405
1977	Sept.	17,160	5,032	216	.248	.055	.021	.254	.006	.417
1977	Oct.	10,200	3,815	275	.244	.054	.018	.227	.005	.451
1977	Nov.	7,387	3,146	313	.241	.054	.017	.214	.005	.469
1977	Dec.	6,407	2,962	340	.239	.053	.016	.207	.004	.480
1978	Jan.	5,885	2,835	354	.239	.053	.016	.203	.004	.486
1978	Feb.	5,316	2,559	354	.238	.053	.016	.203	.004	.486

1978	Mar.	6,672	3,022	333	.240	.053	.016	.208	.004	.478
1978	Apr.	18,730	5,130	201	.249	.055	.021	.258	.006	.410
1978	May	58,240	9,575	121	.252	.056	.028	.314	.009	.341
1978	June	120,000	14,160	87	.251	.056	.033	.353	.011	.296
1978	July	101,600	13,130	95	.252	.056	.031	.343	.010	.308
1978	Aug.	38,300	7,673	147	.252	.056	.025	.292	.008	.367
1978	Sept.	19,950	5,379	198	.250	.055	.022	.261	.006	.406
1978	Oct.	10,900	4,126	278	.246	.055	.018	.229	.005	.448
1978	Nov.	7,371	3,238	323	.242	.054	.016	.209	.004	.474
1978	Dec.	6,988	3,185	335	.241	.054	.016	.205	.004	.481
1979	Jan.	6,151	2,955	353	.239	.053	.015	.198	.004	.490
1979	Feb.	6,117	2,822	339	.241	.054	.016	.203	.004	.483
1979	Mar.	7,256	3,251	329	.242	.054	.016	.207	.004	.478
1979	Apr.	16,270	5,065	229	.249	.057	.019	.254	.005	.415
1979	May	59,270	10,710	133	.252	.059	.025	.334	.007	.323
1979	June	71,720	12,220	125	.252	.059	.026	.346	.007	.309
1979	July	45,060	9,428	154	.253	.058	.024	.314	.007	.344
1979	Aug.	30,970	7,586	180	.253	.058	.022	.290	.006	.371
1979	Sept.	13,560	4,620	251	.248	.056	.019	.243	.005	.429
1979	Oct.	9,396	3,795	297	.241	.054	.017	.216	.004	.468
1979	Nov.	6,589	3,137	350	.237	.052	.016	.198	.003	.493
1979	Dec.	6,621	3,194	355	.236	.052	.016	.197	.003	.495
1980	Jan.	5,054	2,805	408	.232	.051	.015	.183	.003	.515
1980	Feb.	5,919	2,928	364	.236	.052	.016	.195	.003	.498
1980	Mar.	6,815	3,248	350	.237	.052	.016	.199	.003	.493
1980	Apr.	15,670	4,406	207	.244	.055	.020	.248	.004	.428
1980	May	69,820	9,942	105	.251	.058	.026	.340	.007	.317
1980	June	99,240	11,680	87	.250	.059	.028	.366	.007	.290
1980	July	73,990	10,210	102	.251	.059	.027	.344	.007	.313
1980	Aug.	24,290	6,001	182	.250	.057	.022	.272	.005	.395
1980	Sept.	15,600	4,783	225	.247	.056	.020	.247	.004	.426
1980	Oct.	10,270	3,937	282	.242	.054	.018	.217	.004	.465
1980	Nov.	7,240	3,232	328	.238	.053	.017	.200	.003	.489
1980	Dec.	7,684	3,409	326	.239	.053	.017	.201	.003	.487
1981	Jan.	7,194	3,299	337	.238	.053	.016	.197	.003	.492
1981	Feb.	4,832	2,552	388	.234	.051	.015	.182	.003	.515
1981	Mar.	6,175	3,056	364	.236	.052	.016	.189	.003	.504
1981	Apr.	14,950	4,552	224	.245	.056	.019	.243	.004	.433
1981	May	38,560	7,456	142	.249	.058	.023	.303	.004	.363
1981	June	82,420	10,860	97	.248	.059	.026	.358	.005	.304
1981	July	47,560	8,341	129	.250	.059	.024	.317	.005	.347
1981	Aug.	19,800	5,472	203	.248	.057	.020	.258	.004	.414
1981	Sept.	11,460	4,093	263	.244	.055	.018	.226	.004	.454
1981	Oct.	10,010	3,889	286	.242	.054	.018	.216	.004	.467
1981	Nov.	6,907	3,175	338	.238	.053	.016	.197	.003	.493
1981	Dec.	6,799	3,209	347	.237	.052	.016	.194	.003	.497
1982	Jan.	6,532	3,144	354	.237	.052	.016	.192	.003	.500
1982	Feb.	6,446	2,964	338	.238	.053	.016	.197	.003	.493
1982	Mar.	8,537	3,591	309	.240	.053	.017	.207	.004	.479
1982	Apr.	18,350	4,959	199	.246	.056	.020	.256	.004	.418
1982	May	72,380	10,090	103	.248	.059	.025	.348	.005	.316
1982	June	120,500	13,080	80	.245	.059	.027	.386	.005	.277
1982	July	129,200	13,960	79	.245	.059	.027	.388	.005	.275
1982	Aug.	61,330	9,497	114	.249	.059	.025	.335	.005	.328
1982	Sept.	28,030	6,338	166	.249	.058	.022	.283	.004	.384

Site 23. 09205000 New Fork River near Big Piney, Wyo., water years
1966 through 1983.

1965 Oct..	34,120	4,567	98	.236	.045	.103	.487	.019	.110
1965 Nov.	22,840	3,607	116	.232	.048	.105	.489	.022	.105
1965 Dec.	20,070	3,270	120	.232	.048	.105	.487	.022	.107
1966 Jan.	13,920	2,396	127	.232	.047	.105	.481	.022	.113
1966 Feb.	9,590	1,518	116	.237	.043	.102	.467	.017	.133
1966 Mar.	14,240	2,126	110	.237	.044	.102	.472	.018	.127
1966 Apr.	29,270	4,084	103	.235	.046	.104	.487	.020	.108
1966 May	74,810	5,595	55	.248	.037	.096	.464	.012	.143
1966 June	86,910	8,085	68	.242	.042	.100	.486	.015	.114
1966 July	40,910	6,296	113	.228	.050	.106	.500	.026	.090
1966 Aug.	22,810	3,845	124	.229	.049	.106	.492	.024	.099
1966 Sept.	18,820	3,337	130	.228	.050	.106	.491	.025	.099
1966 Oct.	16,900	3,113	135	.228	.050	.106	.490	.026	.100
1966 Nov.	15,150	2,881	140	.227	.051	.106	.490	.026	.099
1966 Dec.	13,480	2,507	137	.229	.049	.106	.486	.024	.106
1967 Jan.	12,930	2,204	125	.233	.047	.104	.478	.021	.117
1967 Feb.	12,110	1,965	119	.235	.045	.103	.476	.019	.121
1967 Mar.	13,580	2,350	127	.231	.048	.105	.481	.023	.113
1967 Apr.	20,610	3,755	134	.226	.051	.107	.495	.027	.094
1967 May	55,960	4,468	59	.245	.040	.098	.471	.015	.132
1967 June	232,200	16,910	54	.246	.040	.099	.495	.014	.107
1967 July	199,600	17,120	63	.241	.043	.101	.503	.016	.095
1967 Aug.	33,980	4,532	98	.236	.045	.103	.487	.019	.109
1967 Sept.	21,190	3,490	121	.231	.049	.105	.489	.023	.103
1967 Oct.	27,030	3,966	108	.235	.044	.104	.482	.023	.114
1967 Nov.	18,960	3,456	134	.230	.046	.103	.476	.023	.123
1967 Dec.	14,260	2,486	128	.234	.043	.103	.476	.021	.122
1968 Jan.	13,000	2,255	128	.235	.042	.103	.476	.021	.122
1968 Feb.	12,240	2,200	132	.233	.044	.103	.474	.021	.124
1968 Mar.	14,190	2,290	119	.237	.042	.104	.478	.021	.119
1968 Apr.	23,370	4,508	142	.226	.048	.102	.476	.024	.124
1968 May	32,210	3,907	89	.240	.041	.104	.485	.023	.107
1968 June	224,200	16,010	52	.242	.041	.105	.503	.029	.080
1968 July	95,450	13,090	101	.227	.049	.103	.488	.028	.105
1968 Aug.	78,400	8,932	84	.234	.045	.104	.490	.026	.102
1968 Sept.	41,530	5,107	90	.238	.042	.104	.488	.024	.104
1968 Oct.	33,490	4,469	98	.238	.043	.101	.485	.025	.108
1968 Nov.	25,070	3,633	107	.238	.044	.100	.485	.023	.111
1968 Dec.	17,370	2,580	109	.237	.044	.097	.490	.020	.111
1969 Jan.	17,000	2,423	105	.237	.044	.097	.492	.020	.109
1969 Feb.	18,710	2,357	93	.237	.044	.098	.495	.021	.105
1969 Mar.	23,220	2,730	86	.237	.044	.098	.497	.021	.103
1969 Apr.	66,300	9,801	109	.239	.042	.106	.465	.033	.114
1969 May	156,100	7,569	36	.234	.040	.109	.511	.033	.074
1969 June	167,700	15,090	66	.237	.040	.111	.477	.040	.095
1969 July	86,550	10,680	91	.239	.041	.107	.474	.034	.106
1969 Aug.	34,520	5,129	109	.238	.043	.102	.479	.026	.112
1969 Sept.	21,360	3,706	128	.238	.044	.099	.477	.023	.119
1969 Oct.	23,530	3,766	118	.241	.040	.102	.471	.026	.120
1969 Nov.	17,860	3,122	129	.243	.039	.101	.471	.024	.122
1969 Dec.	11,600	2,410	153	.246	.038	.099	.470	.022	.126

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 23. 09205000 New Fork River near Big Piney, Wyo., water years 1966 through 1983--Continued										
1970	Jan.	11,060	2,339	156	0.246	0.038	0.099	0.469	0.022	0.126
1970	Feb.	11,220	2,276	149	.245	.038	.100	.470	.022	.125
1970	Mar.	12,570	2,540	149	.245	.038	.100	.470	.022	.125
1970	Apr.	15,000	2,798	137	.244	.038	.100	.470	.023	.124
1970	May	41,090	4,753	85	.236	.042	.104	.472	.030	.116
1970	June	158,200	12,160	56	.228	.046	.109	.473	.038	.106
1970	July	58,820	6,585	82	.235	.042	.105	.473	.031	.114
1970	Aug.	23,200	3,715	118	.241	.040	.102	.471	.026	.121
1970	Sept.	18,430	3,188	127	.242	.039	.101	.471	.024	.122
1970	Oct.	16,420	3,058	137	.242	.039	.100	.469	.029	.121
1970	Nov.	16,490	3,031	135	.241	.039	.100	.469	.029	.121
1970	Dec.	13,080	2,637	148	.243	.038	.100	.469	.029	.121
1971	Jan.	11,660	2,444	154	.244	.038	.100	.468	.029	.121
1971	Feb.	10,270	2,175	156	.244	.038	.100	.468	.029	.121
1971	Mar.	12,750	2,578	149	.243	.038	.100	.469	.029	.121
1971	Apr.	33,080	4,747	106	.236	.041	.101	.471	.029	.122
1971	May	63,350	7,144	83	.232	.043	.102	.473	.029	.122
1971	June	266,400	18,070	50	.222	.047	.104	.476	.029	.123
1971	July	126,400	11,430	66	.227	.044	.103	.474	.029	.122
1971	Aug.	38,000	5,192	101	.236	.041	.101	.471	.029	.122
1971	Sept.	26,550	4,126	114	.238	.040	.101	.471	.029	.122
1971	Oct.	27,990	4,183	110	.239	.038	.101	.475	.030	.117
1971	Nov.	25,010	3,813	112	.240	.038	.101	.474	.030	.118
1971	Dec.	12,360	2,313	138	.245	.035	.099	.467	.031	.122
1972	Jan.	11,460	2,189	141	.246	.034	.099	.466	.031	.123
1972	Feb.	10,360	1,996	142	.246	.034	.099	.466	.031	.123
1972	Mar.	36,730	4,980	100	.236	.040	.101	.477	.030	.115
1972	Apr.	36,350	5,001	101	.237	.040	.101	.477	.030	.115
1972	May	69,850	7,931	84	.231	.043	.102	.483	.029	.111
1972	June	361,100	26,210	53	.218	.051	.104	.496	.028	.102
1972	July	118,800	11,830	73	.227	.045	.103	.487	.029	.108
1972	Aug.	44,080	5,794	97	.235	.040	.101	.479	.030	.114
1972	Sept.	27,260	4,067	110	.239	.038	.101	.475	.030	.117
1972	Oct.	30,920	4,415	105	.240	.040	.099	.488	.028	.106
1972	Nov.	26,920	3,957	108	.241	.039	.099	.486	.027	.107
1972	Dec.	17,810	2,974	123	.245	.037	.098	.482	.027	.112
1973	Jan.	13,870	2,487	132	.247	.036	.098	.479	.026	.114
1973	Feb.	12,880	2,292	131	.247	.036	.098	.479	.026	.114
1973	Mar.	14,320	2,544	131	.247	.036	.098	.479	.026	.114
1973	Apr.	33,740	4,568	100	.239	.040	.099	.489	.028	.105

1973	May	87,820	8,794	74	.230	.045	.100	.500	.030	.095
1973	June	151,800	13,510	65	.226	.047	.101	.504	.030	.091
1973	July	73,820	8,190	82	.233	.044	.100	.497	.029	.098
1973	Aug.	31,540	4,460	104	.240	.040	.099	.488	.028	.106
1973	Sept.	34,150	4,689	101	.239	.040	.099	.489	.028	.105
1973	Oct.	25,900	3,974	113	.235	.044	.098	.492	.027	.104
1973	Nov.	24,850	3,819	113	.235	.044	.098	.492	.027	.104
1973	Dec.	16,520	2,950	131	.235	.044	.096	.490	.025	.110
1974	Jan.	16,970	3,002	130	.235	.044	.096	.490	.025	.109
1974	Feb.	16,160	2,810	128	.235	.044	.096	.491	.025	.109
1974	Mar.	26,790	4,025	111	.235	.044	.098	.492	.027	.103
1974	Apr.	28,960	4,219	107	.235	.044	.099	.492	.027	.102
1974	May	71,450	7,486	77	.235	.045	.103	.495	.031	.091
1974	June	235,200	16,810	52	.235	.045	.108	.497	.037	.079
1974	July	79,530	8,228	76	.235	.045	.103	.495	.031	.090
1974	Aug.	28,920	4,247	108	.235	.044	.099	.492	.027	.102
1974	Sept.	18,660	3,163	125	.235	.044	.097	.491	.025	.108
1974	Oct.	19,940	3,395	125	.228	.049	.099	.496	.022	.105
1974	Nov.	16,830	3,005	131	.228	.048	.098	.496	.022	.108
1974	Dec.	13,640	2,661	143	.228	.048	.097	.494	.021	.111
1975	Jan.	12,810	2,558	147	.228	.048	.096	.494	.020	.113
1975	Feb.	11,880	2,349	145	.228	.048	.097	.494	.021	.112
1975	Mar.	14,550	2,773	140	.228	.048	.097	.495	.021	.110
1975	Apr.	18,960	3,228	125	.228	.049	.099	.496	.023	.106
1975	May	35,830	4,913	101	.228	.050	.101	.499	.026	.097
1975	June	143,500	11,660	60	.226	.051	.108	.502	.036	.077
1975	July	232,900	16,050	51	.225	.052	.110	.502	.040	.072
1975	Aug.	37,690	4,986	97	.228	.050	.102	.499	.026	.096
1975	Sept.	19,260	3,279	125	.228	.049	.099	.496	.023	.105
1975	Oct.	18,350	3,183	128	.220	.055	.103	.499	.023	.100
1975	Nov.	18,200	3,124	126	.220	.055	.103	.499	.023	.100
1975	Dec.	17,170	3,037	130	.220	.055	.103	.499	.023	.101
1976	Jan.	12,870	2,500	143	.219	.055	.102	.499	.021	.104
1976	Feb.	11,050	2,204	147	.219	.055	.101	.499	.021	.105
1976	Mar.	12,730	2,481	143	.219	.055	.102	.499	.021	.104
1976	Apr.	20,210	3,361	122	.220	.054	.103	.499	.024	.099
1976	May	101,500	9,587	70	.221	.052	.109	.496	.037	.084
1976	June	183,000	14,930	60	.222	.052	.110	.495	.041	.080
1976	July	107,100	10,500	72	.222	.053	.109	.497	.036	.085
1976	Aug.	45,160	5,773	94	.221	.054	.106	.498	.029	.092
1976	Sept.	22,970	3,675	118	.220	.054	.104	.499	.024	.098
1976	Oct.	20,070	3,250	119	.223	.051	.106	.498	.027	.096
1976	Nov.	16,620	2,831	125	.222	.051	.105	.498	.025	.098
1976	Dec.	14,890	2,671	132	.222	.051	.105	.499	.023	.100
1977	Jan.	10,280	2,101	150	.220	.051	.103	.500	.019	.106
1977	Feb.	9,511	1,929	149	.221	.051	.103	.500	.019	.106
1977	Mar.	9,878	2,048	152	.220	.051	.102	.500	.019	.107
1977	Apr.	13,790	2,497	133	.222	.051	.104	.499	.023	.101
1977	May	15,600	2,749	130	.222	.051	.105	.499	.024	.100
1977	June	53,980	5,867	80	.224	.050	.110	.488	.047	.081
1977	July	27,620	3,986	106	.224	.051	.108	.496	.031	.091
1977	Aug.	17,690	2,984	124	.222	.051	.105	.498	.025	.098
1977	Sept.	16,500	2,828	126	.222	.051	.105	.499	.025	.098
1977	Oct.	17,740	2,977	123	.226	.051	.104	.500	.021	.098

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 23. 09205000 New Fork River near Big Piney, Wyo., water years 1966 through 1983--Continued										
1977	Nov.	16,090	2,750	126	0.225	0.051	0.104	0.501	0.021	0.098
1977	Dec.	12,160	2,304	139	.223	.051	.105	.507	.018	.097
1977	Jan.	12,070	2,293	140	.223	.051	.105	.507	.018	.097
1978	Feb.	12,180	2,230	135	.224	.051	.105	.505	.019	.097
1978	Mar.	19,700	3,161	118	.226	.051	.104	.498	.023	.098
1978	Apr.	35,060	4,653	98	.231	.051	.103	.486	.030	.100
1978	May	55,970	6,306	83	.233	.052	.102	.475	.038	.100
1978	June	254,100	17,610	51	.239	.052	.097	.437	.073	.102
1978	July	167,600	13,490	59	.238	.052	.099	.450	.060	.102
1978	Aug.	52,050	6,099	86	.233	.052	.102	.478	.036	.100
1978	Sept.	25,410	3,757	109	.228	.051	.104	.492	.026	.099
1978	Oct.	21,950	3,370	113	.225	.051	.103	.491	.022	.108
1978	Nov.	16,490	2,748	123	.224	.051	.101	.497	.022	.105
1978	Dec.	14,890	2,594	128	.224	.051	.101	.500	.021	.103
1979	Jan.	11,710	2,208	139	.223	.051	.099	.506	.021	.100
1979	Feb.	13,630	2,357	127	.224	.051	.101	.500	.021	.103
1979	Mar.	18,530	3,002	119	.224	.051	.102	.495	.022	.106
1979	Apr.	27,650	3,866	103	.225	.052	.105	.484	.023	.111
1979	May	101,800	8,526	62	.227	.053	.116	.447	.026	.131
1979	June	127,000	10,770	62	.227	.053	.116	.445	.027	.132
1979	July	54,580	6,167	83	.226	.052	.110	.467	.024	.120
1979	Aug.	29,180	4,080	103	.225	.052	.105	.483	.023	.111
1979	Sept.	19,880	3,119	115	.225	.051	.103	.492	.022	.107
1979	Oct.	20,890	3,269	115	.225	.054	.101	.492	.020	.109
1979	Nov.	15,860	2,677	124	.223	.053	.099	.493	.020	.111
1979	Dec.	12,990	2,359	134	.221	.053	.098	.495	.020	.113
1980	Jan.	9,779	1,945	146	.219	.053	.096	.496	.020	.116
1980	Feb.	11,370	2,111	137	.220	.053	.097	.495	.020	.114
1980	Mar.	13,190	2,388	133	.221	.053	.098	.495	.020	.113
1980	Apr.	23,620	3,413	106	.226	.054	.102	.490	.020	.107
1980	May	95,390	8,955	69	.237	.056	.112	.481	.018	.095
1980	June	179,400	13,690	56	.242	.058	.117	.475	.018	.090
1980	July	107,700	9,800	67	.238	.057	.113	.480	.018	.094
1980	Aug.	26,690	3,849	106	.227	.054	.103	.490	.020	.107
1980	Sept.	19,980	3,138	116	.225	.054	.101	.492	.020	.109
1980	Oct.	18,630	2,961	117	.222	.055	.101	.492	.022	.107
1980	Nov.	14,980	2,522	124	.220	.054	.099	.490	.024	.112
1980	Dec.	13,520	2,383	130	.219	.054	.098	.489	.025	.115
1981	Jan.	9,600	1,891	145	.215	.053	.095	.484	.027	.125
1981	Feb.	9,660	1,824	139	.217	.054	.096	.485	.026	.122

1981 Mar.	13,060	2,329	131	.219	.054	.098	.488	.025	.116
1981 Apr.	10,740	2,018	138	.217	.054	.096	.486	.026	.121
1981 May	35,760	4,360	90	.228	.056	.108	.498	.018	.091
1981 June	147,400	11,590	58	.239	.059	.120	.507	.011	.064
1981 July	49,500	5,665	84	.231	.057	.110	.501	.016	.084
1981 Aug.	21,020	3,210	112	.223	.055	.102	.494	.021	.104
1981 Sept.	16,080	2,652	121	.221	.055	.100	.491	.023	.110
1981 Oct.	17,400	2,903	123	.225	.053	.098	.489	.021	.114
1981 Nov.	14,360	2,516	129	.222	.052	.098	.482	.021	.124
1981 Dec.	16,240	2,765	125	.224	.053	.098	.486	.021	.118
1982 Jan.	12,060	2,250	137	.218	.052	.099	.471	.022	.139
1982 Feb.	10,150	1,933	140	.216	.051	.099	.467	.022	.145
1982 Mar.	15,410	2,630	126	.223	.052	.098	.483	.021	.123
1982 Apr.	32,130	4,361	100	.235	.054	.096	.517	.018	.080
1982 May	88,690	8,952	74	.246	.055	.090	.549	.014	.045
1982 June	208,200	15,540	55	.253	.055	.084	.571	.011	.026
1982 July	255,500	18,830	54	.254	.055	.083	.574	.011	.023
1982 Aug.	78,650	8,057	75	.245	.055	.091	.546	.015	.048
1982 Sept.	33,450	4,505	99	.236	.054	.096	.519	.018	.078
1982 Oct.	60,800	6,988	84	.231	.038	.100	.523	.016	.091
1982 Nov.	29,700	4,343	108	.222	.048	.101	.506	.017	.106
1982 Dec.	24,420	3,888	117	.219	.051	.102	.500	.018	.111
1983 Jan.	15,990	2,976	137	.212	.059	.102	.487	.018	.121
1983 Feb.	13,240	2,542	141	.211	.061	.102	.485	.018	.124
1983 Mar.	16,690	3,049	134	.213	.058	.102	.489	.018	.120
1983 Apr.	39,120	5,031	95	.226	.044	.101	.513	.017	.100
1983 May	50,860	6,126	89	.229	.040	.101	.519	.016	.095
1983 June	262,600	17,560	49	.249	.022	.097	.554	.014	.065
1983 July	180,500	13,800	56	.245	.026	.098	.546	.014	.071
1983 Aug.	63,170	7,142	83	.232	.037	.100	.524	.016	.090
1983 Sept.	45,590	5,748	93	.228	.041	.101	.517	.017	.096

Site 24. 09209400 Green River near La Barge, Wyo., water years 1964 through 1981.

1963 Oct.	53,260	17,050	235	.209	.061	.077	.380	.016	.257
1963 Nov.	48,740	15,800	238	.209	.061	.077	.378	.016	.259
1963 Dec.	44,270	14,670	244	.208	.061	.077	.373	.016	.265
1964 Jan.	23,960	9,033	277	.203	.060	.077	.349	.018	.293
1964 Feb.	23,520	8,785	275	.204	.060	.077	.351	.018	.291
1964 Mar.	26,820	9,878	271	.204	.060	.077	.354	.018	.288
1964 Apr.	73,270	21,710	218	.212	.062	.076	.394	.015	.241
1964 May	168,100	41,810	183	.216	.062	.075	.425	.014	.208
1964 June	314,000	69,330	162	.218	.063	.075	.447	.013	.185
1964 July	271,000	61,900	168	.218	.063	.075	.441	.013	.191
1964 Aug.	77,520	22,820	216	.212	.062	.076	.395	.015	.240
1964 Sept.	34,150	11,890	256	.206	.060	.077	.364	.017	.275
1964 Oct.	31,270	10,640	250	.209	.059	.076	.362	.017	.277
1964 Nov.	30,410	11,480	278	.202	.062	.077	.356	.018	.285
1964 Dec.	28,980	11,440	290	.199	.062	.077	.351	.019	.291
1965 Jan.	31,060	9,815	232	.213	.057	.076	.366	.016	.272
1965 Feb.	28,230	9,828	256	.207	.060	.076	.361	.017	.279
1965 Mar.	32,290	11,300	257	.207	.060	.077	.362	.017	.278
1965 Apr.	106,900	36,790	253	.200	.068	.078	.394	.018	.241

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 24. 09209400 Green River near La Barge, Wyo., water years 1964 through 1981--Continued											
1965	May	177,700	56,230	233	0.201	0.070	0.078	0.410	0.017	0.224	
1965	June	572,800	120,400	155	.215	.065	.074	.464	.012	.169	
1965	July	433,700	77,010	131	.228	.058	.072	.465	.010	.166	
1965	Aug.	171,000	32,990	142	.232	.055	.072	.438	.011	.192	
1965	Sept.	104,900	26,910	189	.218	.060	.075	.411	.014	.222	
1965	Oct.	77,420	21,210	202	.213	.060	.077	.398	.014	.237	
1965	Nov.	57,940	18,430	234	.204	.062	.080	.382	.017	.256	
1965	Dec.	41,530	14,290	253	.201	.061	.081	.368	.018	.271	
1966	Jan.	37,390	12,590	248	.203	.060	.080	.367	.017	.272	
1966	Feb.	29,060	10,140	257	.202	.059	.080	.361	.017	.279	
1966	Mar.	40,460	14,040	255	.201	.061	.081	.368	.018	.271	
1966	Apr.	106,700	40,200	277	.188	.072	.084	.384	.021	.251	
1966	May	151,200	30,200	147	.225	.058	.073	.429	.012	.203	
1966	June	157,200	31,760	149	.226	.059	.073	.432	.011	.200	
1966	July	82,910	20,960	186	.218	.059	.076	.405	.013	.229	
1966	Aug.	53,040	12,510	174	.226	.055	.074	.399	.012	.235	
1966	Sept.	41,610	11,780	208	.214	.057	.077	.382	.014	.255	
1966	Oct.	33,610	10,770	236	.200	.063	.076	.369	.016	.275	
1966	Nov.	29,590	10,580	263	.192	.064	.078	.358	.018	.289	
1966	Dec.	25,140	9,236	270	.191	.064	.077	.353	.018	.296	
1967	Jan.	23,700	8,115	252	.198	.063	.075	.358	.017	.289	
1967	Feb.	26,420	8,817	245	.198	.063	.076	.364	.017	.282	
1967	Mar.	33,750	12,490	272	.188	.065	.081	.356	.019	.291	
1967	Apr.	63,450	23,640	274	.184	.066	.087	.366	.019	.277	
1967	May	113,900	27,540	178	.207	.061	.081	.404	.015	.231	
1967	June	454,500	91,380	148	.215	.059	.087	.444	.012	.184	
1967	July	391,800	68,530	129	.226	.057	.081	.453	.010	.173	
1967	Aug.	89,440	18,250	150	.229	.057	.072	.420	.011	.211	
1967	Sept.	48,180	12,160	186	.217	.060	.073	.395	.013	.242	
1967	Oct.	55,750	14,620	193	.212	.063	.073	.384	.017	.250	
1967	Nov.	44,910	15,210	249	.193	.064	.081	.364	.019	.280	
1967	Dec.	34,240	11,880	255	.193	.064	.078	.356	.018	.291	
1968	Jan.	28,260	9,958	259	.192	.064	.077	.349	.018	.300	
1968	Feb.	27,630	9,500	253	.195	.063	.076	.353	.018	.294	
1968	Mar.	40,870	15,230	274	.185	.065	.084	.356	.019	.291	
1968	Apr.	62,910	24,250	283	.179	.066	.089	.362	.020	.283	
1968	May	90,250	26,580	217	.198	.065	.082	.388	.019	.248	
1968	June	367,500	61,580	123	.228	.061	.075	.453	.016	.167	
1968	July	174,300	36,630	155	.220	.062	.076	.424	.017	.201	
1968	Aug.	142,300	27,190	141	.228	.061	.071	.422	.016	.201	

1968	Sept.	86,860	17,250	146	.232	.061	.068	.412	.016	.212
1968	Oct.	67,730	16,180	176	.224	.059	.071	.392	.019	.236
1968	Nov.	53,200	15,330	212	.212	.061	.073	.377	.019	.257
1968	Dec.	36,220	11,140	226	.210	.062	.070	.364	.020	.274
1969	Jan.	33,830	10,380	226	.211	.062	.069	.362	.020	.276
1969	Feb.	37,660	10,340	202	.218	.061	.068	.373	.020	.260
1969	Mar.	43,610	11,970	202	.218	.061	.069	.374	.020	.259
1969	Apr.	142,200	42,610	220	.199	.062	.087	.400	.018	.234
1969	May	282,200	42,810	112	.238	.055	.075	.445	.015	.173
1969	June	278,800	54,110	143	.221	.057	.083	.438	.016	.185
1969	July	142,300	27,880	144	.230	.057	.074	.421	.017	.201
1969	Aug.	76,110	15,230	147	.236	.058	.067	.404	.018	.218
1969	Sept.	39,040	9,984	188	.224	.060	.066	.375	.019	.255
1969	Oct.	41,600	13,300	235	.213	.059	.073	.363	.021	.271
1969	Nov.	35,950	12,950	265	.207	.059	.074	.353	.022	.284
1969	Dec.	24,330	8,703	263	.209	.058	.070	.342	.023	.298
1970	Jan.	23,260	8,497	269	.208	.058	.070	.339	.023	.301
1970	Feb.	22,900	7,957	256	.211	.058	.070	.345	.022	.294
1970	Mar.	26,180	9,377	263	.209	.058	.071	.344	.022	.296
1970	Apr.	43,610	16,040	270	.205	.060	.077	.358	.022	.279
1970	May	118,600	28,490	177	.219	.059	.075	.402	.019	.225
1970	June	300,200	57,510	141	.225	.058	.077	.444	.017	.179
1970	July	145,800	32,450	164	.225	.058	.074	.417	.018	.207
1970	Aug.	57,780	13,980	178	.227	.057	.069	.388	.020	.239
1970	Sept.	46,780	13,640	214	.218	.058	.072	.372	.021	.259
1970	Oct.	41,720	15,030	265	.212	.059	.073	.361	.022	.275
1970	Nov.	41,980	15,570	273	.211	.059	.073	.360	.022	.275
1970	Dec.	31,700	11,470	266	.211	.057	.072	.352	.022	.285
1971	Jan.	31,520	10,730	250	.213	.057	.072	.355	.022	.281
1971	Feb.	28,040	9,567	251	.213	.057	.072	.354	.022	.282
1971	Mar.	48,310	18,030	274	.210	.061	.074	.368	.021	.266
1971	Apr.	87,770	34,760	291	.208	.064	.076	.379	.021	.252
1971	May	258,100	71,210	203	.216	.065	.075	.429	.016	.198
1971	June	611,300	125,200	151	.220	.065	.074	.470	.013	.158
1971	July	288,800	63,800	163	.223	.063	.074	.444	.015	.182
1971	Aug.	109,700	23,890	160	.226	.059	.072	.417	.016	.210
1971	Sept.	64,330	16,320	187	.223	.058	.072	.393	.018	.237
1971	Oct.	63,560	19,970	231	.215	.060	.072	.382	.018	.254
1971	Nov.	60,550	19,730	240	.213	.059	.073	.377	.019	.259
1971	Dec.	38,240	12,440	239	.215	.057	.070	.369	.017	.272
1972	Jan.	35,200	11,730	245	.213	.057	.070	.365	.017	.278
1972	Feb.	30,500	9,393	226	.219	.057	.067	.374	.015	.269
1972	Mar.	96,260	35,570	272	.203	.061	.082	.369	.025	.260
1972	Apr.	111,600	38,720	255	.206	.062	.080	.378	.024	.251
1972	May	270,300	66,610	181	.220	.065	.073	.431	.019	.191
1972	June	726,300	141,100	143	.224	.068	.070	.472	.018	.147
1972	July	233,400	48,020	151	.230	.064	.066	.451	.015	.174
1972	Aug.	113,000	25,750	188	.229	.062	.065	.428	.014	.201
1972	Sept.	73,850	19,360	193	.224	.060	.067	.406	.016	.226
1972	Oct.	72,170	20,180	206	.225	.058	.069	.398	.016	.236
1972	Nov.	61,400	18,630	223	.221	.058	.070	.387	.017	.248
1972	Dec.	34,920	11,230	237	.218	.057	.068	.369	.017	.271
1973	Jan.	29,170	9,479	239	.217	.057	.067	.364	.016	.278
1973	Feb.	31,940	9,962	229	.220	.057	.067	.372	.016	.267

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 24. 09209400 Green River near La Barge, Wyo., water years 1964 through 1981--Continued											
1973	Mar.	35,280	11,500	240	0.218	0.057	0.068	0.368	0.017	0.272	
1973	Apr.	109,300	34,570	233	.218	.059	.073	.394	.019	.238	
1973	May	186,600	39,170	154	.231	.057	.067	.434	.015	.197	
1973	June	223,500	34,040	112	.245	.055	.060	.474	.010	.156	
1973	July	151,500	35,040	170	.231	.057	.068	.429	.015	.201	
1973	Aug.	74,030	16,940	168	.234	.056	.065	.418	.013	.215	
1973	Sept.	70,350	16,400	171	.232	.057	.065	.414	.013	.219	
1973	Oct.	54,200	15,230	207	.223	.058	.070	.389	.017	.244	
1973	Nov.	51,310	15,990	229	.219	.058	.072	.385	.017	.249	
1973	Dec.	29,390	9,081	227	.218	.058	.069	.366	.018	.271	
1974	Jan.	31,110	9,631	228	.218	.058	.070	.368	.018	.269	
1974	Feb.	30,370	9,717	235	.217	.058	.071	.369	.018	.268	
1974	Mar.	60,670	19,770	240	.217	.058	.073	.388	.017	.246	
1974	Apr.	87,090	26,950	228	.220	.058	.074	.402	.017	.230	
1974	May	207,300	49,950	177	.227	.056	.071	.436	.016	.193	
1974	June	486,500	89,140	135	.235	.055	.068	.472	.014	.157	
1974	July	197,500	43,890	163	.231	.056	.069	.438	.015	.191	
1974	Aug.	76,510	19,860	191	.226	.057	.070	.404	.016	.227	
1974	Sept.	39,350	11,330	212	.221	.058	.069	.379	.017	.255	
1974	Oct.	40,340	13,110	239	.213	.060	.073	.378	.016	.259	
1974	Nov.	41,160	14,340	256	.213	.061	.074	.384	.015	.254	
1974	Dec.	25,170	9,822	287	.207	.060	.075	.361	.015	.283	
1975	Jan.	24,880	9,327	276	.207	.060	.074	.358	.015	.285	
1975	Feb.	24,980	9,042	266	.209	.060	.074	.362	.016	.279	
1975	Mar.	38,500	14,410	275	.211	.061	.074	.382	.014	.257	
1975	Apr.	56,360	20,150	263	.215	.062	.074	.402	.014	.234	
1975	May	127,900	35,800	206	.221	.062	.071	.434	.014	.198	
1975	June	304,200	63,140	153	.227	.061	.068	.468	.015	.162	
1975	July	463,600	85,850	136	.228	.060	.066	.482	.015	.148	
1975	Aug.	105,400	26,390	184	.221	.061	.071	.420	.016	.211	
1975	Sept.	49,530	14,620	217	.215	.060	.072	.387	.017	.248	
1975	Oct.	47,960	16,080	246	.204	.061	.084	.395	.016	.240	
1975	Nov.	49,730	17,240	255	.205	.061	.083	.400	.015	.236	
1975	Dec.	38,720	13,470	256	.202	.060	.086	.387	.016	.249	
1976	Jan.	33,620	11,640	255	.200	.060	.087	.380	.017	.256	
1976	Feb.	32,010	10,920	251	.200	.060	.087	.380	.017	.256	
1976	Mar.	40,960	13,700	246	.202	.060	.086	.387	.017	.248	
1976	Apr.	72,420	23,130	235	.208	.062	.080	.413	.015	.222	
1976	May	313,000	66,130	155	.218	.068	.070	.451	.019	.175	
1976	June	356,100	65,660	136	.218	.069	.069	.450	.022	.172	

1976	July	225,500	45,730	149	.215	.068	.073	.434	.022	.188
1976	Aug.	103,700	24,570	174	.209	.065	.079	.411	.021	.215
1976	Sept.	53,260	14,820	205	.204	.062	.084	.390	.020	.240
1976	Oct.	48,360	15,010	228	.198	.060	.090	.385	.019	.249
1976	Nov.	41,570	13,210	234	.197	.060	.091	.382	.019	.252
1976	Dec.	32,050	10,850	249	.194	.059	.094	.373	.019	.261
1977	Jan.	23,060	8,382	267	.191	.058	.097	.364	.019	.270
1977	Feb.	23,670	8,377	260	.192	.058	.095	.368	.019	.267
1977	Mar.	27,500	9,633	258	.193	.059	.095	.369	.019	.265
1977	Apr.	27,930	9,629	254	.193	.059	.094	.371	.019	.263
1977	May	18,780	7,073	277	.190	.057	.098	.359	.020	.276
1977	June	99,660	25,510	188	.204	.063	.082	.408	.018	.225
1977	July	56,050	16,750	220	.199	.061	.088	.389	.018	.244
1977	Aug.	45,700	14,310	230	.197	.060	.090	.383	.019	.251
1977	Sept.	39,510	12,690	236	.196	.060	.091	.380	.019	.254
1977	Oct.	35,300	11,500	240	.195	.058	.093	.374	.020	.260
1977	Nov.	31,180	10,350	244	.195	.058	.094	.372	.020	.262
1977	Dec.	30,630	10,280	247	.194	.058	.094	.371	.020	.263
1978	Jan.	29,260	9,914	249	.194	.058	.095	.370	.020	.264
1978	Feb.	26,880	9,072	248	.194	.058	.095	.370	.020	.263
1978	Mar.	41,830	12,990	228	.197	.059	.091	.379	.019	.255
1978	Apr.	93,320	24,590	194	.202	.060	.082	.398	.019	.239
1978	May	173,800	40,170	170	.206	.060	.076	.412	.019	.227
1978	June	449,900	84,730	139	.212	.061	.067	.434	.018	.208
1978	July	339,200	68,380	148	.210	.061	.070	.427	.018	.214
1978	Aug.	123,300	30,620	183	.204	.060	.079	.404	.019	.234
1978	Sept.	61,140	17,620	212	.200	.059	.087	.388	.019	.248
1978	Oct.	46,490	14,770	234	.206	.059	.080	.378	.019	.258
1978	Nov.	35,220	11,700	244	.206	.058	.081	.371	.019	.265
1978	Dec.	33,880	11,410	248	.206	.058	.082	.369	.019	.267
1979	Jan.	29,260	10,130	255	.206	.057	.082	.364	.019	.271
1979	Feb.	30,210	10,190	248	.206	.058	.082	.368	.019	.267
1979	Mar.	42,270	13,640	237	.206	.059	.081	.375	.019	.260
1979	Apr.	89,480	24,940	205	.206	.062	.077	.398	.018	.239
1979	May	181,700	43,660	177	.206	.064	.074	.420	.017	.219
1979	June	203,700	48,700	176	.206	.065	.074	.422	.017	.217
1979	July	97,510	26,880	203	.206	.062	.077	.400	.018	.237
1979	Aug.	68,030	20,130	218	.206	.060	.079	.389	.018	.247
1979	Sept.	36,270	11,980	243	.206	.058	.081	.372	.019	.264
1979	Oct.	36,870	12,280	245	.207	.060	.077	.373	.016	.267
1979	Nov.	34,370	11,540	247	.207	.060	.077	.372	.016	.268
1979	Dec.	30,250	10,510	256	.207	.060	.077	.368	.015	.273
1980	Jan.	22,690	8,421	273	.206	.059	.077	.361	.014	.282
1980	Feb.	26,190	9,276	260	.207	.060	.077	.366	.015	.276
1980	Mar.	29,300	10,270	258	.207	.060	.077	.367	.015	.274
1980	Apr.	97,410	25,030	189	.206	.063	.075	.401	.020	.235
1980	May	288,400	60,290	154	.205	.065	.073	.425	.024	.209
1980	June	316,800	64,390	149	.204	.065	.073	.428	.024	.205
1980	July	211,800	47,170	164	.205	.064	.074	.418	.023	.217
1980	Aug.	68,800	19,890	213	.207	.062	.076	.389	.018	.249
1980	Sept.	45,940	14,460	232	.207	.061	.076	.380	.017	.260
1980	Oct.	41,260	13,600	242	.207	.061	.077	.374	.015	.266
1980	Nov.	36,180	12,120	246	.207	.060	.077	.371	.015	.269
1980	Dec.	34,650	11,840	251	.207	.060	.077	.368	.015	.273

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 24. 09209400 Green River near La Barge, Wyo., water years 1964 through 1981--Continued										
1981	Jan.	26,550	9,587	266	0.205	0.059	0.077	0.360	0.015	0.283
1981	Feb.	22,930	8,302	266	.205	.059	.077	.360	.015	.284
1981	Mar.	38,470	12,860	246	.207	.060	.077	.372	.015	.269
1981	Apr.	41,670	13,590	240	.208	.061	.077	.375	.015	.264
1981	May	67,600	19,740	215	.210	.062	.076	.390	.015	.246
1981	June	214,100	49,230	169	.213	.065	.075	.424	.015	.207
1981	July	97,350	26,700	202	.211	.063	.076	.399	.015	.235
1981	Aug.	40,350	13,350	243	.207	.061	.077	.373	.015	.267
1981	Sept.	27,910	9,902	261	.206	.060	.077	.363	.015	.280
Site 25. 09211200 Green River below Fontenelle Reservoir, Wyo., water years 1968 through 1983.										
1967	Oct.	54,070	16,370	223	.197	.058	.085	.334	.021	.306
1967	Nov.	44,310	15,410	256	.192	.058	.086	.319	.020	.325
1967	Dec.	16,730	7,213	317	.181	.059	.089	.292	.017	.362
1968	Jan.	16,760	7,274	319	.181	.059	.089	.292	.017	.362
1968	Feb.	15,080	6,370	311	.181	.059	.089	.294	.017	.359
1968	Mar.	31,040	12,480	296	.187	.058	.087	.303	.019	.346
1968	Apr.	22,020	9,963	333	.181	.059	.088	.289	.018	.366
1968	May	56,350	23,450	306	.188	.058	.086	.301	.020	.347
1968	June	272,600	80,240	216	.205	.056	.080	.343	.024	.292
1968	July	86,020	23,000	197	.202	.057	.083	.349	.022	.287
1968	Aug.	135,600	37,420	203	.204	.057	.082	.348	.022	.287
1968	Sept.	117,400	32,480	203	.203	.057	.082	.347	.022	.289
1968	Oct.	110,900	30,500	202	.203	.057	.082	.347	.022	.289
1968	Nov.	44,450	14,490	240	.194	.058	.085	.325	.020	.318
1968	Dec.	28,240	11,250	293	.186	.059	.087	.303	.019	.347
1969	Jan.	50,160	18,990	278	.190	.058	.086	.311	.020	.335
1969	Feb.	95,800	32,680	251	.197	.058	.084	.324	.021	.316
1969	Mar.	68,800	26,270	281	.191	.058	.085	.311	.020	.335
1969	Apr.	126,300	41,380	241	.199	.057	.083	.330	.022	.309
1969	May	197,200	58,320	217	.204	.057	.081	.342	.023	.294
1969	June	270,800	58,140	158	.213	.055	.078	.376	.025	.253
1969	July	140,100	34,890	183	.206	.056	.081	.358	.023	.275
1969	Aug.	87,850	24,360	204	.202	.057	.083	.345	.022	.291
1969	Sept.	65,270	18,840	212	.199	.058	.084	.340	.021	.298
1969	Oct.	77,670	22,960	217	.202	.055	.087	.337	.022	.298
1969	Nov.	49,210	16,060	240	.196	.053	.091	.316	.021	.322

1969	Dec.	42,580	16,590	287	.193	.052	.091	.294	.022	.349
1970	Jan.	37,250	16,190	320	.190	.052	.090	.281	.022	.366
1970	Feb.	33,450	14,700	323	.190	.052	.090	.280	.022	.367
1970	Mar.	58,270	21,810	275	.197	.054	.087	.307	.023	.333
1970	Apr.	60,360	22,400	273	.198	.054	.086	.310	.023	.329
1970	May	83,260	32,440	286	.201	.056	.081	.314	.024	.324
1970	June	211,900	60,010	208	.212	.059	.074	.367	.026	.263
1970	July	127,900	32,700	188	.207	.057	.081	.365	.023	.265
1970	Aug.	89,570	24,920	205	.203	.056	.086	.346	.022	.287
1970	Sept.	76,740	22,220	213	.202	.055	.086	.340	.022	.294
1970	Oct.	60,090	19,080	234	.204	.055	.087	.345	.022	.286
1970	Nov.	43,200	14,610	249	.200	.055	.089	.330	.023	.303
1970	Dec.	40,120	15,620	286	.195	.054	.089	.305	.026	.331
1971	Jan.	38,060	15,850	306	.192	.054	.088	.293	.028	.346
1971	Feb.	42,620	17,200	297	.195	.055	.087	.302	.028	.333
1971	Mar.	60,700	24,920	302	.197	.055	.085	.305	.029	.329
1971	Apr.	88,640	33,410	277	.203	.056	.082	.325	.028	.305
1971	May	257,600	91,860	262	.213	.059	.074	.352	.031	.272
1971	June	455,600	119,000	192	.222	.059	.071	.410	.023	.215
1971	July	251,400	56,620	166	.221	.057	.075	.426	.018	.203
1971	Aug.	111,700	29,510	194	.213	.056	.083	.385	.019	.244
1971	Sept.	74,060	20,500	204	.209	.056	.086	.370	.019	.260
1971	Oct.	67,120	19,800	217	.207	.055	.085	.361	.018	.273
1971	Nov.	59,550	18,420	228	.205	.055	.085	.353	.019	.283
1971	Dec.	77,890	25,480	241	.206	.055	.084	.348	.020	.287
1972	Jan.	73,490	22,780	258	.204	.055	.084	.337	.021	.299
1972	Feb.	61,300	22,950	275	.201	.054	.084	.325	.022	.313
1972	Mar.	81,910	30,290	272	.203	.055	.083	.332	.023	.304
1972	Apr.	147,300	52,880	264	.208	.058	.079	.348	.024	.283
1972	May	300,300	102,500	251	.213	.061	.075	.368	.024	.259
1972	June	583,100	133,600	169	.220	.064	.069	.440	.019	.189
1972	July	239,200	54,880	169	.217	.060	.076	.424	.017	.207
1972	Aug.	114,800	28,910	185	.212	.058	.081	.395	.017	.237
1972	Sept.	71,980	19,300	197	.209	.056	.084	.378	.017	.256
1972	Oct.	67,740	19,260	209	.205	.054	.085	.363	.015	.277
1972	Nov.	73,700	21,310	213	.207	.054	.084	.363	.015	.277
1972	Dec.	48,560	16,460	249	.199	.053	.086	.330	.016	.316
1973	Jan.	66,610	23,320	257	.203	.052	.084	.331	.017	.312
1973	Feb.	88,330	30,210	252	.209	.051	.082	.342	.018	.298
1973	Mar.	81,620	30,210	272	.206	.050	.083	.327	.019	.316
1973	Apr.	84,060	34,290	300	.205	.049	.082	.314	.020	.330
1973	May	156,800	52,610	247	.216	.050	.079	.354	.019	.282
1973	June	140,500	33,160	174	.216	.054	.079	.406	.014	.230
1973	July	102,900	22,820	163	.211	.056	.082	.409	.013	.230
1973	Aug.	94,120	24,510	192	.210	.054	.083	.383	.014	.256
1973	Sept.	59,760	16,350	201	.205	.055	.084	.369	.014	.272
1973	Oct.	62,780	17,400	204	.201	.058	.089	.371	.016	.266
1973	Nov.	53,270	15,440	213	.197	.058	.090	.363	.016	.275
1973	Dec.	46,770	14,600	230	.193	.059	.091	.349	.016	.290
1974	Jan.	73,010	24,400	246	.205	.053	.086	.347	.018	.291
1974	Feb.	101,000	35,670	260	.213	.048	.082	.344	.020	.292
1974	Mar.	94,730	37,500	291	.208	.048	.083	.326	.021	.314
1974	Apr.	92,630	35,680	283	.208	.048	.083	.330	.020	.310
1974	May	206,200	70,930	253	.228	.043	.076	.356	.022	.275

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 25. 09211200 Green River below Fontenelle Reservoir, Wyo., water years 1968 through 1983--Continued										
1974	June	342,100	90,610	195	0.241	0.041	0.072	0.400	0.020	0.226
1974	July	204,000	47,100	170	.227	.047	.077	.414	.017	.217
1974	Aug.	93,260	23,520	185	.209	.055	.085	.391	.016	.244
1974	Sept.	47,580	13,020	201	.195	.061	.091	.369	.015	.268
1974	Oct.	49,590	14,560	216	.195	.061	.092	.373	.016	.263
1974	Nov.	46,940	14,290	224	.195	.060	.092	.366	.016	.270
1974	Dec.	53,330	17,360	239	.196	.058	.091	.356	.017	.282
1975	Jan.	58,280	21,960	277	.196	.054	.089	.332	.018	.311
1975	Feb.	53,670	21,070	289	.196	.053	.088	.325	.018	.319
1975	Mar.	58,690	23,610	296	.195	.053	.088	.321	.018	.325
1975	Apr.	65,690	27,400	307	.197	.051	.087	.317	.019	.330
1975	May	119,200	43,970	271	.207	.050	.084	.346	.019	.294
1975	June	289,100	86,190	219	.221	.048	.079	.394	.019	.239
1975	July	311,200	81,170	192	.221	.050	.079	.418	.018	.214
1975	Aug.	122,300	29,930	180	.208	.057	.085	.418	.016	.215
1975	Sept.	55,270	14,700	196	.197	.062	.091	.392	.016	.242
1975	Oct.	57,630	16,170	206	.192	.064	.095	.388	.021	.241
1975	Nov.	58,630	17,620	221	.193	.063	.093	.378	.021	.253
1975	Dec.	67,820	21,340	231	.195	.062	.091	.372	.020	.260
1976	Jan.	64,860	22,840	259	.194	.060	.089	.353	.020	.283
1976	Feb.	60,930	21,650	261	.195	.060	.089	.352	.020	.285
1976	Mar.	86,920	30,710	260	.198	.059	.086	.358	.020	.279
1976	Apr.	101,100	35,770	260	.200	.059	.084	.360	.020	.276
1976	May	294,600	92,450	231	.211	.060	.077	.397	.018	.236
1976	June	279,800	67,040	176	.208	.064	.080	.441	.018	.190
1976	July	171,100	42,560	183	.202	.065	.085	.426	.019	.203
1976	Aug.	127,900	32,900	189	.200	.065	.088	.415	.019	.213
1976	Sept.	58,460	16,100	203	.193	.064	.094	.392	.020	.236
1976	Oct.	57,740	18,940	241	.185	.062	.094	.363	.021	.275
1976	Nov.	58,080	18,950	240	.186	.062	.093	.364	.021	.274
1976	Dec.	65,040	20,990	237	.187	.062	.092	.367	.020	.271
1977	Jan.	64,350	20,790	238	.187	.062	.093	.366	.020	.271
1977	Feb.	50,650	16,670	242	.185	.062	.094	.362	.021	.276
1977	Mar.	37,480	13,010	255	.178	.062	.098	.349	.022	.291
1977	Apr.	29,390	10,540	264	.175	.062	.100	.341	.022	.300
1977	May	32,810	11,630	261	.176	.062	.099	.343	.022	.297
1977	June	27,660	9,991	266	.174	.062	.101	.339	.023	.302
1977	July	22,390	8,372	275	.169	.062	.103	.330	.023	.312
1977	Aug.	22,550	8,422	275	.170	.062	.103	.330	.023	.311
1977	Sept.	31,570	11,010	256	.177	.062	.098	.347	.022	.293

1977	Oct.	30,030	11,130	273	.172	.060	.104	.323	.021	.320
1977	Nov.	30,070	11,090	271	.173	.060	.103	.324	.021	.319
1977	Dec.	42,680	14,990	258	.179	.060	.099	.335	.021	.306
1978	Jan.	62,020	20,600	244	.186	.060	.095	.347	.020	.292
1978	Feb.	55,810	18,520	244	.186	.060	.095	.348	.020	.292
1978	Mar.	64,270	21,210	243	.187	.060	.094	.349	.020	.290
1978	Apr.	97,770	30,240	227	.195	.059	.089	.363	.020	.274
1978	May	161,000	46,190	211	.204	.059	.083	.380	.019	.255
1978	June	374,400	94,580	186	.219	.057	.074	.407	.018	.225
1978	July	301,200	79,130	193	.214	.058	.077	.399	.018	.234
1978	Aug.	136,500	40,180	216	.201	.059	.085	.374	.019	.262
1978	Sept.	78,650	24,810	232	.192	.059	.091	.359	.020	.279
1978	Oct.	46,010	16,740	268	.175	.058	.103	.319	.019	.325
1978	Nov.	49,640	17,700	262	.178	.058	.101	.324	.019	.319
1978	Dec.	58,010	20,260	257	.181	.059	.099	.328	.020	.313
1979	Jan.	58,610	20,430	256	.181	.059	.099	.329	.020	.313
1979	Feb.	56,170	19,380	254	.183	.059	.098	.331	.020	.310
1979	Mar.	68,930	23,310	249	.185	.059	.096	.336	.020	.304
1979	Apr.	83,210	27,020	239	.190	.059	.093	.345	.020	.293
1979	May	124,900	37,730	222	.200	.059	.087	.361	.020	.273
1979	June	210,800	57,420	200	.213	.060	.078	.384	.020	.246
1979	July	65,100	22,240	251	.184	.059	.097	.333	.020	.307
1979	Aug.	58,950	20,530	256	.181	.059	.099	.329	.020	.312
1979	Oct.	46,020	17,760	260	.179	.058	.101	.325	.019	.317
1979	Nov.	47,210	17,150	274	.183	.058	.096	.311	.018	.334
1979	Dec.	57,410	20,470	262	.186	.059	.094	.320	.018	.324
1980	Jan.	41,800	15,820	278	.182	.057	.097	.308	.017	.338
1980	Feb.	33,190	13,020	289	.180	.056	.099	.302	.017	.346
1980	Mar.	51,620	18,520	264	.185	.058	.095	.318	.018	.327
1980	Apr.	101,000	31,920	232	.192	.061	.089	.342	.019	.296
1980	May	156,000	44,890	212	.197	.063	.085	.358	.021	.277
1980	June	322,800	80,650	184	.203	.066	.078	.384	.022	.246
1980	July	226,700	60,780	197	.200	.065	.081	.371	.021	.261
1980	Aug.	98,060	31,440	236	.192	.061	.089	.339	.019	.299
1980	Sept.	58,260	20,390	257	.186	.059	.094	.323	.018	.320
1980	Oct.	45,130	16,710	272	.184	.059	.093	.318	.018	.327
1980	Nov.	54,490	19,340	251	.187	.060	.092	.326	.018	.317
1980	Dec.	69,400	23,860	253	.189	.060	.092	.332	.017	.309
1981	Jan.	55,360	19,720	262	.187	.060	.092	.325	.018	.318
1981	Feb.	34,370	13,110	280	.182	.059	.094	.312	.019	.335
1981	Mar.	37,660	14,390	281	.182	.059	.094	.312	.019	.335
1981	Apr.	68,150	23,340	252	.189	.060	.092	.333	.017	.308
1981	May	47,880	17,480	268	.185	.059	.093	.320	.018	.324
1981	June	83,930	27,660	242	.192	.061	.091	.340	.017	.299
1981	July	97,910	31,720	238	.193	.061	.091	.344	.017	.295
1981	Aug.	99,510	32,150	238	.193	.061	.091	.344	.017	.294
1981	Sept.	46,380	16,770	266	.186	.060	.093	.322	.018	.323
1981	Oct.	37,900	13,770	267	.185	.059	.090	.325	.017	.323
1981	Nov.	25,700	9,797	280	.181	.058	.091	.312	.018	.340
1981	Dec.	44,950	15,900	260	.187	.060	.090	.332	.017	.314
1982	Jan.	44,260	15,730	261	.187	.060	.090	.331	.017	.316
1982	Feb.	39,420	14,040	262	.187	.060	.090	.330	.017	.316
1982	Mar.	63,890	21,470	247	.191	.061	.088	.345	.017	.297

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 25. 09211200 Green River below Fontenelle Reservoir, Wyo., water years 1968 through 1983--Continued										
1982	Apr.	72,850	24,020	242	0.193	0.061	0.088	0.351	0.017	0.291
1982	May	96,930	30,840	234	.195	.062	.087	.360	.016	.279
1982	June	368,100	96,290	192	.207	.066	.082	.411	.015	.221
1982	July	483,600	121,800	185	.209	.066	.080	.420	.014	.210
1982	Aug.	213,100	59,470	205	.203	.065	.084	.393	.015	.240
1982	Sept.	114,000	35,120	227	.197	.063	.086	.368	.016	.269
1982	Oct.	192,900	52,300	199	.208	.063	.081	.404	.017	.228
1982	Nov.	48,560	16,710	253	.193	.058	.091	.346	.017	.294
1982	Dec.	57,040	19,360	250	.194	.059	.091	.350	.017	.289
1983	Jan.	71,000	23,360	242	.197	.059	.089	.358	.017	.280
1983	Feb.	67,060	21,930	241	.197	.060	.089	.359	.017	.278
1983	Mar.	87,080	27,800	235	.199	.060	.088	.365	.017	.271
1983	Apr.	134,800	40,040	218	.204	.062	.085	.383	.017	.250
1983	May	155,400	45,340	215	.205	.062	.084	.388	.017	.245
1983	June	488,500	121,400	183	.214	.064	.077	.427	.016	.201
1983	July	447,700	111,900	184	.213	.064	.077	.425	.016	.204
1983	Aug.	157,800	46,210	215	.205	.062	.084	.387	.017	.245
1983	Sept.	103,600	32,150	228	.201	.061	.087	.373	.017	.262
Site 26. 09214500 Little Sandy Creek above Eden, Wyo., water years 1976 through 1981.										
1975	Oct.	537	151	207	.148	.028	.169	.214	.033	.408
1975	Nov.	532	149	206	.148	.028	.169	.214	.033	.408
1975	Dec.	434	130	220	.148	.028	.169	.209	.032	.414
1976	Jan.	278	95	250	.146	.027	.169	.199	.031	.427
1976	Feb.	248	86	254	.146	.027	.169	.198	.031	.429
1976	Mar.	370	116	231	.147	.028	.169	.205	.032	.419
1976	Apr.	1,529	315	151	.152	.029	.167	.240	.035	.377
1976	May	3,669	595	119	.154	.029	.166	.261	.037	.352
1976	June	4,796	708	109	.155	.029	.165	.270	.038	.343
1976	July	3,182	525	121	.154	.029	.166	.259	.037	.355
1976	Aug.	1,375	282	151	.152	.029	.167	.239	.035	.378
1976	Sept.	337	107	235	.147	.028	.169	.204	.032	.421
1976	Oct.	328	105	236	.146	.028	.169	.203	.032	.422
1976	Nov.	438	129	217	.148	.028	.169	.210	.033	.413
1976	Dec.	76	36	351	.140	.026	.169	.173	.029	.463
1977	Jan.	13	10	597	.131	.025	.167	.138	.025	.515
1977	Feb.	42	22	391	.138	.026	.169	.165	.028	.475
1977	Mar.	161	64	292	.143	.027	.169	.187	.030	.443

1977	Apr.	1,185	258	160	.151	.029	.168	.235	.035	.383
1977	May	592	158	196	.149	.028	.169	.217	.033	.404
1977	June	1,428	275	142	.152	.029	.167	.244	.036	.373
1977	July	117	42	266	.143	.027	.169	.190	.030	.441
1977	Aug.	143	58	296	.143	.027	.169	.185	.030	.445
1977	Sept.	112	49	321	.142	.027	.169	.180	.029	.453
1977	Oct.	399	125	230	.148	.028	.176	.182	.034	.431
1977	Nov.	481	144	220	.149	.028	.177	.185	.035	.426
1977	Dec.	318	109	251	.147	.028	.176	.177	.034	.439
1978	Jan.	304	106	255	.147	.028	.176	.176	.034	.440
1978	Feb.	288	98	251	.147	.028	.176	.177	.034	.439
1978	Mar.	632	164	190	.151	.028	.177	.192	.035	.416
1978	Apr.	1,452	308	156	.155	.029	.178	.207	.037	.394
1978	May	2,543	461	133	.157	.030	.178	.218	.038	.379
1978	June	6,117	842	101	.161	.030	.178	.237	.040	.354
1978	July	4,245	662	115	.160	.030	.178	.228	.039	.365
1978	Aug.	1,237	276	164	.154	.029	.178	.204	.037	.399
1978	Sept.	446	136	225	.149	.028	.176	.184	.035	.428
1978	Oct.	366	113	226	.149	.028	.172	.181	.033	.437
1978	Nov.	236	81	251	.146	.027	.172	.174	.033	.448
1978	Dec.	165	62	278	.143	.027	.172	.167	.033	.459
1979	Jan.	73	34	345	.137	.026	.171	.153	.032	.481
1979	Feb.	92	40	315	.139	.026	.171	.159	.032	.472
1979	Mar.	172	64	272	.143	.027	.172	.168	.033	.457
1979	Apr.	2,469	437	130	.163	.030	.171	.221	.033	.382
1979	May	3,447	567	121	.164	.030	.171	.227	.033	.374
1979	June	3,673	603	121	.165	.030	.171	.228	.033	.373
1979	July	882	200	167	.156	.029	.172	.202	.033	.409
1979	Aug.	809	186	169	.155	.029	.172	.201	.033	.410
1979	Sept.	431	125	213	.150	.028	.172	.185	.033	.431
1979	Oct.	325	113	255	.141	.027	.176	.164	.033	.460
1979	Nov.	242	90	272	.139	.027	.176	.162	.032	.465
1979	Dec.	282	102	265	.140	.027	.176	.163	.032	.463
1980	Jan.	224	85	279	.138	.027	.175	.160	.032	.467
1980	Feb.	208	79	280	.138	.027	.175	.160	.032	.467
1980	Mar.	318	112	258	.140	.027	.176	.164	.033	.461
1980	Apr.	6,066	837	102	.162	.029	.176	.205	.036	.391
1980	May	4,937	919	137	.156	.028	.177	.193	.035	.411
1980	June	6,518	1,117	126	.158	.028	.177	.197	.035	.405
1980	July	4,366	804	135	.156	.028	.176	.193	.035	.411
1980	Aug.	734	212	213	.145	.027	.176	.172	.033	.445
1980	Sept.	534	165	227	.143	.027	.176	.170	.033	.450
1980	Oct.	527	164	229	.143	.027	.176	.169	.033	.451
1980	Nov.	401	132	242	.142	.027	.176	.167	.033	.456
1980	Dec.	385	129	246	.141	.027	.176	.166	.033	.457
1981	Jan.	226	85	276	.139	.027	.175	.161	.032	.466
1981	Feb.	222	80	265	.139	.027	.176	.162	.032	.463
1981	Mar.	581	176	223	.144	.027	.176	.170	.033	.449
1981	Apr.	997	265	195	.147	.028	.177	.176	.034	.439
1981	May	2,059	466	166	.151	.028	.177	.184	.034	.426
1981	June	4,411	826	138	.156	.028	.177	.192	.035	.412
1981	July	1,160	288	183	.149	.028	.177	.179	.034	.434
1981	Aug.	264	95	264	.140	.027	.176	.163	.032	.463
1981	Sept.	66	27	305	.136	.027	.175	.156	.032	.475

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 27. 09216000 Big Sandy River below Eden, Wyo., water years 1962 through 1981.										
1961	Oct.	695	2,480	2,620	0.103	0.037	0.165	0.050	0.032	0.614
1961	Nov.	635	2,298	2,660	.103	.038	.164	.049	.031	.615
1961	Dec.	335	1,362	2,990	.103	.041	.161	.046	.027	.622
1962	Jan.	228	1,010	3,260	.103	.043	.158	.044	.024	.627
1962	Feb.	343	1,381	2,960	.103	.040	.161	.047	.027	.622
1962	Mar.	5,673	11,030	1,430	.101	.026	.179	.065	.064	.565
1962	Apr.	10,300	21,230	1,520	.101	.027	.178	.064	.060	.569
1962	May	1,065	3,505	2,420	.103	.036	.167	.052	.035	.608
1962	June	1,617	4,878	2,220	.103	.034	.169	.054	.038	.602
1962	July	1,880	5,551	2,170	.103	.033	.170	.054	.039	.600
1962	Aug.	1,892	5,586	2,170	.103	.033	.170	.054	.039	.600
1962	Sept.	1,855	5,461	2,170	.103	.033	.170	.054	.040	.600
1962	Oct.	1,450	4,505	2,280	.103	.034	.168	.053	.037	.604
1962	Nov.	1,095	3,572	2,400	.103	.036	.167	.052	.035	.607
1962	Dec.	774	2,700	2,570	.103	.037	.165	.050	.032	.612
1963	Jan.	232	1,021	3,240	.103	.042	.158	.044	.024	.627
1963	Feb.	893	2,983	2,460	.103	.036	.166	.051	.034	.609
1963	Mar.	1,722	5,154	2,200	.103	.034	.169	.054	.039	.601
1963	Apr.	1,174	3,774	2,360	.103	.035	.168	.052	.036	.606
1963	May	854	2,922	2,520	.103	.037	.166	.051	.033	.611
1963	June	2,650	7,139	1,980	.103	.032	.172	.057	.044	.593
1963	July	2,093	6,056	2,130	.103	.033	.170	.055	.040	.598
1963	Aug.	2,255	6,432	2,100	.103	.033	.171	.055	.041	.597
1963	Sept.	1,684	5,050	2,210	.103	.034	.169	.054	.039	.601
1963	Oct.	1,458	4,689	2,370	.103	.033	.168	.052	.033	.609
1963	Nov.	1,293	4,232	2,410	.103	.034	.167	.052	.033	.611
1963	Dec.	942	3,310	2,580	.103	.036	.164	.050	.031	.615
1964	Jan.	634	2,412	2,800	.103	.039	.160	.049	.028	.620
1964	Feb.	514	2,015	2,880	.103	.040	.159	.048	.027	.622
1964	Mar.	839	2,971	2,600	.103	.037	.163	.050	.030	.616
1964	Apr.	3,219	8,664	1,980	.103	.028	.176	.057	.040	.596
1964	May	1,293	4,249	2,420	.103	.034	.167	.052	.033	.611
1964	June	1,662	5,163	2,280	.103	.032	.170	.053	.035	.607
1964	July	2,600	7,439	2,100	.103	.029	.174	.055	.038	.601
1964	Aug.	2,630	7,509	2,100	.103	.029	.174	.055	.038	.601
1964	Sept.	2,077	6,173	2,190	.103	.031	.172	.054	.036	.604
1964	Oct.	1,698	5,198	2,250	.107	.029	.170	.053	.034	.607
1964	Nov.	1,498	4,692	2,300	.107	.030	.169	.053	.033	.608
1964	Dec.	1,240	4,100	2,430	.106	.033	.166	.052	.031	.612
1965	Jan.	789	2,938	2,740	.106	.040	.159	.050	.028	.618
1965	Feb.	823	2,947	2,630	.106	.037	.161	.050	.029	.616

1965 Mar.	887	3,201	2,650	.106	.038	.160	.050	.029	.616
1965 Apr.	5,679	11,220	1,450	.107	.017	.194	.060	.048	.574
1965 May	1,210	4,033	2,450	.106	.033	.165	.052	.031	.612
1965 June	3,231	7,937	1,810	.107	.022	.183	.057	.040	.591
1965 July	12,210	22,250	1,340	.107	.013	.201	.062	.051	.565
1965 Aug.	4,064	9,844	1,780	.107	.021	.184	.057	.041	.590
1965 Sept.	2,553	6,969	2,010	.107	.024	.177	.055	.037	.599
1966 Oct.	2,142	6,031	2,070	.110	.038	.161	.056	.028	.606
1966 Nov.	1,884	5,684	2,220	.100	.039	.160	.054	.028	.620
1966 Dec.	1,059	5,049	3,500	.092	.041	.157	.043	.027	.640
1967 Jan.	713	4,571	4,710	.087	.043	.155	.036	.027	.652
1967 Feb.	572	4,005	5,150	.085	.043	.154	.035	.027	.656
1967 Mar.	2,934	6,314	1,580	.104	.037	.161	.063	.028	.607
1967 Apr.	2,561	6,130	1,760	.104	.037	.161	.061	.028	.609
1967 May	1,718	5,648	2,420	.098	.039	.159	.052	.028	.625
1967 June	10,140	7,159	519	.114	.034	.160	.097	.028	.567
1967 July	20,200	10,210	371	.129	.029	.162	.129	.028	.523
1967 Aug.	3,059	6,602	1,590	.106	.037	.162	.065	.028	.603
1967 Sept.	2,672	6,228	1,710	.104	.037	.161	.062	.028	.607
1967 Oct.	2,398	6,156	1,890	.107	.038	.156	.059	.027	.613
1967 Nov.	2,114	5,806	2,020	.106	.039	.156	.057	.027	.616
1967 Dec.	1,694	5,606	2,430	.104	.039	.154	.052	.027	.624
1968 Jan.	1,133	4,988	3,240	.101	.040	.152	.045	.026	.636
1968 Feb.	1,117	4,738	3,120	.101	.040	.153	.046	.026	.635
1968 Mar.	2,495	6,177	1,820	.107	.038	.156	.060	.028	.612
1968 Apr.	5,653	7,473	972	.112	.037	.159	.080	.029	.583
1968 May	1,486	5,344	2,650	.103	.039	.154	.049	.026	.628
1968 June	11,370	8,950	579	.117	.035	.161	.103	.030	.555
1968 July	3,693	7,023	1,400	.110	.037	.158	.069	.028	.597
1968 Aug.	3,422	6,854	1,470	.109	.038	.158	.067	.028	.600
1968 Sept.	2,717	6,274	1,700	.108	.038	.157	.062	.028	.607
1968 Oct.	2,426	6,287	1,910	.107	.036	.157	.060	.028	.612
1968 Nov.	2,188	5,915	1,990	.107	.036	.157	.059	.028	.614
1968 Dec.	1,502	5,201	2,550	.106	.036	.154	.052	.026	.626
1969 Jan.	1,101	4,644	3,100	.105	.035	.152	.047	.025	.634
1969 Feb.	1,277	4,616	2,660	.106	.036	.154	.051	.026	.627
1969 Mar.	1,638	5,381	2,410	.106	.036	.155	.053	.027	.623
1969 Apr.	9,005	10,010	817	.108	.036	.164	.088	.032	.571
1969 May	14,300	12,210	628	.109	.036	.166	.099	.033	.557
1969 June	14,250	11,690	603	.108	.036	.166	.100	.033	.556
1969 July	6,135	8,919	1,070	.108	.036	.163	.078	.031	.585
1969 Aug.	4,136	7,714	1,370	.108	.036	.160	.070	.029	.597
1969 Sept.	2,942	6,629	1,660	.107	.036	.159	.064	.028	.606
1969 Oct.	2,537	6,438	1,870	.106	.036	.159	.061	.028	.611
1969 Nov.	2,065	5,769	2,050	.105	.036	.158	.058	.027	.615
1969 Dec.	1,170	4,583	2,880	.105	.037	.154	.049	.026	.630
1970 Jan.	1,150	4,520	2,890	.104	.037	.154	.049	.026	.630
1970 Feb.	1,131	4,272	2,780	.105	.037	.154	.050	.026	.628
1970 Mar.	1,523	5,146	2,480	.105	.037	.156	.053	.026	.624
1970 Apr.	1,684	5,227	2,280	.105	.036	.156	.055	.027	.620
1970 May	1,248	4,716	2,780	.105	.037	.154	.050	.026	.628
1970 June	2,805	6,478	1,700	.106	.036	.159	.063	.028	.607
1970 July	2,624	6,503	1,820	.106	.036	.159	.062	.028	.610
1970 Aug.	2,422	6,307	1,910	.105	.036	.158	.060	.028	.612

Table 7.---Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 27. 09216000 Big Sandy River below Eden, Wyo., water years 1962 through 1981--Continued											
1970	Sept.	1,896	5,552	2,150	0.105	0.036	0.157	0.057	0.027	0.617	
1970	Oct.	1,751	5,672	2,380	.103	.036	.158	.054	.027	.622	
1970	Nov.	1,773	5,584	2,320	.103	.036	.158	.055	.027	.621	
1970	Dec.	1,430	5,177	2,660	.101	.037	.157	.051	.026	.628	
1971	Jan.	867	4,249	3,600	.098	.039	.153	.043	.026	.642	
1971	Feb.	1,315	4,741	2,650	.101	.037	.157	.051	.026	.627	
1971	Mar.	5,927	7,746	961	.109	.033	.163	.080	.028	.587	
1971	Apr.	4,027	7,471	1,360	.108	.034	.163	.071	.028	.597	
1971	May	1,674	5,561	2,440	.102	.037	.158	.053	.027	.624	
1971	June	3,660	7,361	1,480	.108	.034	.162	.069	.028	.599	
1971	July	3,554	7,515	1,550	.107	.034	.162	.068	.027	.601	
1971	Aug.	3,513	7,474	1,560	.107	.034	.162	.067	.027	.601	
1971	Sept.	2,775	6,675	1,770	.106	.035	.161	.063	.027	.608	
1971	Oct.	2,341	6,596	2,070	.102	.039	.159	.058	.026	.617	
1971	Nov.	2,214	6,327	2,100	.102	.039	.159	.057	.026	.617	
1971	Dec.	1,868	6,015	2,370	.100	.040	.157	.053	.026	.623	
1972	Jan.	1,674	5,760	2,530	.100	.040	.157	.051	.025	.627	
1972	Feb.	1,436	5,187	2,660	.099	.041	.156	.050	.025	.629	
1972	Mar.	5,290	8,717	1,210	.107	.035	.164	.076	.027	.591	
1972	Apr.	3,499	7,407	1,560	.104	.037	.162	.067	.026	.603	
1972	May	4,691	7,642	1,200	.105	.036	.162	.074	.027	.597	
1972	June	27,600	17,120	456	.115	.028	.171	.131	.029	.526	
1972	July	6,799	9,892	1,070	.108	.034	.165	.083	.027	.582	
1972	Aug.	4,556	8,615	1,390	.106	.036	.163	.072	.027	.595	
1972	Sept.	3,001	7,134	1,750	.104	.038	.161	.063	.026	.608	
1972	Oct.	3,231	7,788	1,770	.106	.040	.157	.064	.025	.609	
1972	Nov.	3,029	7,457	1,810	.105	.040	.156	.064	.024	.610	
1972	Dec.	2,182	6,774	2,280	.103	.041	.153	.055	.024	.623	
1973	Jan.	1,781	6,312	2,610	.101	.042	.152	.051	.024	.630	
1973	Feb.	1,775	5,907	2,450	.102	.042	.152	.053	.024	.627	
1973	Mar.	1,793	6,330	2,600	.101	.042	.152	.051	.024	.630	
1973	Apr.	8,023	9,997	916	.111	.035	.163	.092	.026	.572	
1973	May	5,796	9,223	1,170	.109	.037	.160	.080	.025	.588	
1973	June	4,130	8,298	1,480	.108	.038	.159	.072	.025	.599	
1973	July	5,469	9,254	1,240	.109	.037	.160	.079	.025	.589	
1973	Aug.	5,177	9,242	1,310	.109	.037	.160	.077	.025	.591	
1973	Sept.	4,302	8,406	1,440	.108	.038	.159	.073	.025	.597	
1973	Oct.	3,162	8,140	1,890	.106	.041	.152	.065	.023	.612	
1973	Nov.	3,011	7,775	1,900	.106	.041	.152	.064	.023	.613	
1973	Dec.	2,089	6,552	2,310	.107	.042	.148	.057	.022	.624	

1974	Jan.	1,734	5,956	2,530	.108	.042	.146	.053	.022	.629
1974	Feb.	1,621	5,475	2,480	.108	.042	.146	.054	.022	.628
1974	Mar.	9,977	12,800	943	.102	.037	.164	.097	.027	.572
1974	Apr.	6,861	11,680	1,250	.104	.039	.161	.084	.026	.587
1974	May	2,947	7,789	1,940	.107	.041	.152	.063	.023	.614
1974	June	9,140	13,190	1,060	.103	.038	.163	.092	.027	.577
1974	July	4,885	10,190	1,530	.105	.040	.157	.074	.025	.599
1974	Aug.	5,098	10,430	1,500	.105	.040	.157	.075	.025	.598
1974	Sept.	3,822	8,803	1,690	.106	.040	.155	.069	.024	.606
1974	Oct.	2,922	7,854	1,980	.108	.040	.152	.066	.023	.612
1974	Nov.	2,364	6,987	2,170	.108	.041	.150	.062	.022	.617
1974	Dec.	1,807	6,295	2,560	.108	.042	.147	.056	.021	.625
1975	Jan.	1,400	5,611	2,950	.109	.043	.144	.052	.021	.632
1975	Feb.	1,198	4,945	3,030	.109	.043	.143	.051	.021	.634
1975	Mar.	1,821	6,298	2,540	.108	.042	.147	.057	.021	.625
1975	Apr.	4,598	9,185	1,470	.107	.039	.157	.077	.024	.596
1975	May	4,183	9,114	1,600	.107	.039	.156	.074	.024	.601
1975	June	4,025	8,813	1,610	.107	.039	.156	.073	.024	.601
1975	July	13,940	15,710	828	.104	.035	.168	.106	.027	.560
1975	Aug.	5,300	10,310	1,430	.107	.038	.158	.079	.024	.593
1975	Sept.	4,263	9,143	1,580	.107	.039	.156	.075	.024	.599
1975	Oct.	3,132	8,013	1,880	.105	.039	.157	.069	.024	.606
1975	Nov.	2,190	6,505	2,180	.106	.040	.155	.063	.023	.614
1975	Dec.	2,313	6,824	2,170	.106	.040	.155	.063	.023	.613
1976	Jan.	1,769	5,943	2,470	.106	.040	.153	.059	.022	.619
1976	Feb.	1,379	5,051	2,690	.106	.041	.152	.056	.022	.624
1976	Mar.	2,374	6,780	2,100	.106	.040	.155	.064	.023	.612
1976	Apr.	7,369	11,930	1,190	.103	.037	.163	.089	.027	.581
1976	May	2,894	7,648	1,940	.105	.039	.157	.067	.024	.608
1976	June	6,308	11,090	1,290	.104	.037	.162	.085	.026	.586
1976	July	5,691	10,950	1,420	.104	.038	.161	.081	.026	.590
1976	Aug.	4,907	10,070	1,510	.104	.038	.160	.078	.025	.594
1976	Sept.	3,739	8,647	1,700	.105	.038	.159	.073	.025	.600
1976	Oct.	3,045	7,426	1,790	.096	.036	.173	.072	.025	.598
1976	Nov.	2,354	6,365	1,990	.095	.037	.172	.068	.024	.604
1976	Dec.	1,759	5,557	2,320	.093	.039	.170	.061	.023	.614
1977	Jan.	1,456	5,027	2,540	.092	.040	.169	.058	.023	.619
1977	Feb.	1,359	4,622	2,500	.093	.039	.169	.059	.023	.618
1977	Mar.	1,589	5,263	2,440	.093	.039	.169	.060	.023	.616
1977	Apr.	2,624	6,570	1,840	.095	.037	.172	.070	.025	.601
1977	May	1,611	5,303	2,420	.093	.039	.169	.060	.023	.616
1977	June	1,708	5,380	2,320	.093	.039	.170	.061	.023	.613
1977	July	3,225	7,113	1,620	.096	.036	.173	.075	.025	.595
1977	Aug.	2,761	7,036	1,870	.095	.037	.172	.070	.025	.601
1977	Sept.	1,785	5,491	2,260	.093	.039	.170	.062	.023	.612
1977	Oct.	1,742	5,358	2,260	.093	.039	.172	.062	.023	.612
1977	Nov.	1,343	4,595	2,520	.093	.040	.168	.058	.022	.619
1977	Dec.	1,043	4,086	2,880	.094	.042	.164	.054	.020	.627
1978	Jan.	926	3,847	3,050	.094	.043	.162	.052	.020	.630
1978	Feb.	889	3,584	2,970	.094	.042	.163	.053	.020	.629
1978	Mar.	4,025	7,410	1,350	.089	.034	.185	.082	.029	.581
1978	Apr.	2,876	6,357	1,630	.091	.036	.180	.074	.026	.594
1978	May	1,859	5,463	2,160	.092	.038	.173	.064	.023	.610
1978	June	2,017	5,628	2,050	.092	.038	.175	.066	.024	.606

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 27. 09216000 Big Sandy River below Eden, Wyo., water years 1962 through 1981--Continued										
1978	July	3,316	7,508	1,660	0.091	0.035	0.182	0.075	0.027	0.591
1978	Aug.	3,701	7,947	1,580	.090	.034	.183	.077	.027	.588
1978	Sept.	3,751	7,861	1,540	.090	.034	.184	.078	.028	.586
1978	Oct.	2,553	6,799	1,960	.092	.036	.178	.068	.024	.603
1978	Nov.	1,821	5,535	2,240	.091	.037	.175	.063	.022	.612
1978	Dec.	1,178	4,431	2,770	.091	.038	.170	.056	.020	.626
1979	Jan.	1,056	4,153	2,890	.090	.038	.169	.054	.019	.629
1979	Feb.	974	3,813	2,880	.090	.038	.169	.055	.019	.628
1979	Mar.	2,372	6,235	1,930	.092	.036	.177	.068	.023	.604
1979	Apr.	8,825	12,650	1,050	.093	.033	.189	.094	.032	.560
1979	May	2,499	6,704	1,970	.092	.036	.177	.068	.023	.604
1979	June	4,054	8,620	1,560	.092	.035	.182	.077	.026	.587
1979	July	4,118	8,828	1,580	.092	.035	.182	.076	.026	.588
1979	Aug.	3,735	8,351	1,640	.092	.035	.181	.075	.026	.591
1979	Sept.	3,128	7,474	1,760	.092	.036	.180	.072	.025	.596
1979	Oct.	2,481	7,132	2,110	.099	.037	.169	.066	.022	.606
1979	Nov.	2,039	6,331	2,280	.100	.038	.167	.064	.021	.611
1979	Dec.	1,605	5,660	2,590	.101	.038	.162	.059	.020	.620
1980	Jan.	1,422	5,325	2,750	.102	.038	.160	.058	.019	.623
1980	Feb.	1,720	5,702	2,440	.100	.038	.164	.061	.020	.616
1980	Mar.	1,936	6,267	2,380	.100	.038	.165	.062	.021	.614
1980	Apr.	24,980	16,290	480	.083	.032	.203	.128	.047	.507
1980	May	5,861	10,990	1,380	.094	.036	.182	.083	.028	.577
1980	June	8,099	12,550	1,140	.092	.035	.188	.091	.032	.563
1980	July	7,811	12,670	1,190	.093	.035	.187	.089	.031	.566
1980	Aug.	4,854	10,110	1,530	.095	.036	.180	.079	.027	.584
1980	Sept.	4,290	9,325	1,600	.096	.036	.178	.077	.026	.587
1980	Oct.	3,427	8,443	1,810	.097	.037	.174	.072	.024	.596
1980	Nov.	2,652	7,254	2,010	.098	.037	.171	.068	.023	.603
1980	Dec.	2,465	7,109	2,120	.099	.037	.169	.066	.022	.606
1981	Jan.	2,176	6,649	2,250	.100	.038	.167	.064	.021	.610
1981	Feb.	1,908	5,911	2,280	.100	.038	.167	.064	.021	.611
1981	Mar.	2,745	7,521	2,010	.098	.037	.171	.068	.023	.603
1981	Apr.	2,035	6,314	2,280	.100	.038	.167	.064	.021	.611
1981	May	1,985	6,300	2,330	.100	.038	.166	.063	.021	.613
1981	June	2,491	6,992	2,060	.099	.037	.170	.067	.022	.605
1981	July	3,412	8,396	1,810	.097	.037	.174	.072	.024	.596
1981	Aug.	952	2,520	1,950	.098	.037	.172	.069	.023	.601

Site 28. 09216050 Big Sandy River at Gasson Bridge, Wyo., water years 1975 through 1983.

1974 Oct.	4,161	14,540	2,570	.083	.047	.170	.056	.017	.627
1974 Nov.	3,485	13,240	2,790	.082	.047	.170	.054	.017	.631
1974 Dec.	2,579	11,920	3,400	.078	.048	.170	.049	.017	.639
1975 Jan.	1,968	10,690	3,990	.075	.048	.170	.045	.017	.644
1975 Feb.	1,716	9,514	4,080	.075	.048	.170	.044	.017	.645
1975 Mar.	2,432	11,630	3,520	.078	.048	.170	.048	.017	.640
1975 Apr.	5,113	15,100	2,170	.086	.046	.169	.060	.017	.622
1975 May	4,947	15,500	2,300	.085	.046	.169	.059	.017	.623
1975 June	5,058	15,360	2,230	.086	.046	.169	.060	.017	.622
1975 July	15,210	24,300	1,170	.098	.043	.167	.082	.017	.593
1975 Aug.	6,226	17,160	2,030	.088	.046	.169	.063	.017	.617
1975 Sept.	5,014	15,360	2,250	.086	.046	.169	.060	.017	.622
1975 Oct.	4,388	14,860	2,490	.084	.046	.170	.057	.017	.626
1975 Nov.	3,291	12,910	2,880	.081	.047	.170	.053	.017	.632
1975 Dec.	3,711	13,850	2,740	.082	.047	.170	.054	.017	.630
1976 Jan.	2,083	10,890	3,840	.076	.048	.170	.046	.017	.643
1976 Feb.	1,250	8,522	5,010	.071	.049	.170	.040	.017	.653
1976 Mar.	2,239	11,020	3,620	.077	.048	.170	.047	.017	.642
1976 Apr.	8,591	18,700	1,600	.092	.045	.168	.070	.017	.608
1976 May	3,846	14,030	2,680	.083	.047	.170	.055	.017	.629
1976 June	7,692	18,000	1,720	.091	.045	.168	.068	.017	.611
1976 July	6,641	17,590	1,950	.089	.045	.169	.064	.017	.616
1976 Aug.	6,121	16,740	2,010	.088	.046	.169	.063	.017	.618
1976 Sept.	4,647	14,920	2,360	.085	.046	.169	.058	.017	.624
1976 Oct.	3,947	13,700	2,550	.081	.045	.176	.055	.018	.624
1976 Nov.	2,926	11,600	2,910	.078	.046	.177	.052	.018	.629
1976 Dec.	2,011	9,847	3,600	.074	.046	.179	.047	.017	.637
1977 Jan.	1,936	9,644	3,660	.074	.046	.180	.047	.017	.637
1977 Feb.	1,904	9,103	3,520	.075	.046	.179	.048	.017	.636
1977 Mar.	2,491	10,900	3,220	.076	.046	.178	.050	.017	.633
1977 Apr.	3,870	13,090	2,490	.081	.045	.176	.056	.018	.623
1977 May	2,557	11,070	3,180	.077	.046	.177	.050	.017	.632
1977 June	2,676	11,130	3,060	.077	.046	.178	.051	.018	.631
1977 July	4,167	13,410	2,370	.082	.045	.176	.057	.019	.622
1977 Aug.	3,160	12,250	2,850	.079	.045	.177	.053	.018	.628
1977 Sept.	2,509	10,770	3,160	.077	.046	.178	.050	.017	.632
1977 Oct.	2,805	11,400	2,990	.076	.045	.181	.051	.018	.629
1977 Nov.	2,093	9,669	3,400	.075	.046	.179	.048	.017	.635
1977 Dec.	1,436	8,172	4,180	.073	.048	.177	.044	.015	.644
1978 Jan.	1,428	8,153	4,200	.073	.048	.177	.044	.015	.644
1978 Feb.	1,432	7,740	3,970	.074	.047	.177	.045	.015	.642
1978 Mar.	5,213	14,360	2,030	.078	.042	.184	.059	.023	.613
1978 Apr.	3,630	11,950	2,420	.077	.043	.182	.055	.021	.622
1978 May	3,120	11,910	2,810	.076	.044	.181	.052	.019	.627
1978 June	2,836	11,200	2,900	.076	.044	.181	.051	.019	.628
1978 July	4,009	13,610	2,500	.077	.043	.183	.055	.021	.621
1978 Aug.	4,626	14,600	2,320	.078	.042	.184	.057	.022	.617
1978 Sept.	4,748	14,540	2,250	.078	.042	.184	.058	.022	.616
1978 Oct.	3,507	12,500	2,620	.078	.042	.184	.055	.019	.622
1978 Nov.	2,473	10,230	3,040	.077	.044	.182	.052	.017	.629
1978 Dec.	1,515	8,104	3,930	.075	.046	.180	.047	.015	.638
1979 Jan.	1,430	7,833	4,030	.075	.046	.179	.046	.015	.639

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 28. 09216050 Big Sandy River at Gasson Bridge, Wyo., water years 1975 through 1983--Continued										
1979	Feb.	1,311	7,160	4,020	0.075	0.046	0.179	0.046	0.015	0.639
1979	Mar.	2,864	10,750	2,760	.077	.043	.183	.053	.018	.626
1979	Apr.	9,842	20,140	1,500	.082	.038	.188	.067	.026	.599
1979	May	3,497	12,450	2,620	.078	.042	.184	.055	.019	.622
1979	June	4,879	14,550	2,190	.079	.041	.185	.059	.021	.615
1979	July	5,238	15,340	2,150	.079	.041	.185	.059	.021	.614
1979	Aug.	4,768	14,580	2,250	.079	.041	.185	.058	.021	.616
1979	Sept.	4,167	13,420	2,370	.079	.042	.185	.057	.020	.618
1979	Oct.	3,548	12,740	2,640	.079	.043	.179	.055	.018	.627
1979	Nov.	2,624	10,800	3,030	.080	.044	.175	.052	.017	.632
1979	Dec.	2,299	10,280	3,290	.081	.044	.172	.051	.016	.635
1980	Jan.	1,698	8,849	3,830	.082	.046	.168	.048	.015	.641
1980	Feb.	2,085	9,472	3,340	.081	.045	.172	.051	.016	.636
1980	Mar.	2,543	10,820	3,130	.081	.044	.174	.052	.016	.633
1980	Apr.	27,470	24,310	651	.069	.035	.207	.079	.033	.577
1980	May	6,016	16,200	1,980	.077	.040	.186	.060	.020	.616
1980	June	8,676	18,750	1,590	.075	.039	.192	.064	.023	.608
1980	July	8,809	19,460	1,620	.075	.039	.191	.064	.023	.608
1980	Aug.	6,246	16,780	1,970	.077	.040	.187	.060	.021	.616
1980	Sept.	5,657	15,700	2,040	.077	.041	.186	.060	.020	.617
1980	Oct.	5,195	14,770	2,090	.080	.043	.186	.068	.017	.606
1980	Nov.	3,997	12,850	2,360	.080	.044	.181	.061	.017	.617
1980	Dec.	3,150	11,780	2,750	.082	.046	.174	.054	.016	.628
1981	Jan.	2,483	10,560	3,130	.082	.047	.168	.048	.016	.638
1981	Feb.	2,027	9,102	3,300	.083	.048	.166	.046	.016	.642
1981	Mar.	3,527	12,400	2,590	.081	.045	.177	.057	.017	.623
1981	Apr.	3,011	11,330	2,770	.082	.046	.174	.054	.016	.629
1981	May	3,003	11,480	2,810	.082	.046	.173	.053	.016	.630
1981	June	3,445	11,990	2,560	.081	.045	.177	.057	.017	.623
1981	July	4,268	13,470	2,320	.080	.044	.181	.062	.017	.615
1981	Aug.	3,848	12,890	2,460	.081	.045	.179	.059	.017	.620
1981	Sept.	3,420	12,000	2,580	.081	.045	.177	.057	.017	.623
1981	Oct.	3,471	12,390	2,620	.082	.046	.174	.055	.017	.628
1981	Nov.	2,882	11,270	2,870	.081	.046	.171	.051	.017	.633
1981	Dec.	2,331	10,540	3,320	.081	.048	.168	.046	.016	.642
1982	Jan.	1,412	8,696	4,530	.079	.050	.160	.037	.016	.658
1982	Feb.	4,110	10,930	1,950	.081	.045	.175	.063	.017	.619
1982	Mar.	5,383	14,590	1,990	.082	.043	.180	.066	.017	.611
1982	Apr.	5,171	13,390	1,900	.082	.044	.179	.066	.017	.612
1982	May	2,557	10,980	3,160	.081	.047	.169	.048	.016	.639

1982	June	3,719	12,390	2,450	.082	.045	.175	.057	.017	.624
1982	July	5,480	14,770	1,980	.082	.043	.181	.066	.017	.610
1982	Aug.	4,806	14,040	2,150	.082	.044	.179	.063	.017	.615
1982	Sept.	5,393	14,420	1,970	.082	.043	.181	.067	.017	.610
1982	Oct.	5,147	15,840	2,260	.069	.044	.181	.064	.016	.626
1982	Nov.	3,481	12,250	2,590	.061	.044	.188	.053	.012	.641
1982	Dec.	2,995	11,690	2,870	.069	.046	.181	.049	.013	.643
1983	Jan.	2,569	10,570	3,030	.061	.046	.187	.045	.011	.650
1983	Feb.	2,291	9,483	3,040	.060	.046	.188	.045	.011	.652
1983	Mar.	5,008	15,140	2,220	.078	.043	.178	.062	.016	.622
1983	Apr.	16,780	28,450	1,250	.158	.035	.143	.098	.039	.526
1983	May	11,590	24,940	1,580	.121	.038	.159	.082	.026	.574
1983	June	19,960	33,140	1,220	.183	.033	.140	.089	.036	.519
1983	July	17,830	31,520	1,300	.160	.035	.145	.091	.035	.534
1983	Aug.	7,333	19,080	1,910	.087	.042	.174	.071	.019	.606
1983	Sept.	5,972	17,100	2,100	.076	.043	.177	.069	.018	.617

Site 29. 09216562 Bitter Creek above Salt Wells Creek, Wyo., water years 1976 through 1981.

1976	June	26	129	3,730	.046	.057	.211	.056	.138	.492
1976	July	2	8	3,410	.047	.056	.214	.060	.134	.490
1976	Aug.	585	799	1,000	.063	.040	.228	.149	.088	.433
1976	Sept.	1	5	3,970	.045	.058	.210	.053	.140	.493
1976	Oct.	8	45	4,350	.044	.059	.208	.050	.144	.495
1976	Nov.	18	90	3,750	.046	.057	.211	.056	.138	.492
1976	Dec.	0	0	--	--	--	--	--	--	--
1977	Jan.	0	0	--	--	--	--	--	--	--
1977	Feb.	6	31	3,890	.045	.057	.211	.054	.140	.493
1977	Mar.	111	405	2,690	.050	.053	.218	.072	.124	.482
1977	Apr.	401	971	1,780	.056	.047	.224	.099	.108	.465
1977	May	17	101	4,320	.044	.059	.207	.050	.145	.495
1977	June	49	120	1,800	.055	.048	.223	.097	.110	.466
1977	July	1,450	1,637	830	.065	.038	.228	.170	.080	.419
1977	Aug.	781	1,101	1,040	.062	.041	.228	.145	.089	.435
1977	Sept.	20	68	2,500	.051	.052	.218	.076	.123	.480
1977	Oct.	12	70	4,210	.045	.065	.195	.048	.123	.525
1977	Nov.	30	123	3,060	.051	.063	.195	.058	.111	.522
1977	Dec.	22	90	2,970	.052	.063	.196	.060	.109	.522
1978	Jan.	3	23	5,880	.039	.066	.192	.038	.140	.525
1978	Feb.	51	163	2,330	.056	.061	.195	.069	.100	.517
1978	Mar.	1,128	1,667	1,090	.076	.055	.192	.112	.070	.494
1978	Apr.	189	479	1,860	.062	.059	.195	.081	.090	.513
1978	May	691	1,162	1,240	.073	.056	.193	.104	.074	.499
1978	June	375	505	991	.077	.055	.190	.116	.072	.490
1978	July	0	0	--	---	--	--	--	--	--
1978	Aug.	18	51	2,110	.059	.060	.196	.075	.095	.516
1978	Sept.	90	179	1,470	.068	.058	.194	.093	.082	.505
1978	Oct.	12	60	3,510	.048	.065	.195	.053	.119	.520
1978	Nov.	22	95	3,200	.049	.063	.197	.056	.117	.518
1978	Dec.	27	119	3,180	.049	.063	.197	.056	.117	.518
1979	Jan.	0	0	--	--	--	--	--	--	--
1979	Feb.	83	250	2,210	.053	.057	.203	.067	.111	.509

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 29. 09216562 Bitter Creek above Salt Wells Creek, Wyo., water years 1976 through 1981--Continued										
1979	Mar.	1,251	2,183	1,280	0.058	0.050	0.211	0.087	0.101	0.493
1979	Apr.	1,523	2,412	1,160	.059	.049	.212	.090	.100	.490
1979	May	436	823	1,390	.057	.051	.209	.083	.103	.496
1979	June	9	40	3,400	.048	.064	.196	.054	.119	.519
1979	July	84	173	1,520	.056	.052	.208	.079	.105	.499
1979	Aug.	1,667	2,080	917	.062	.046	.214	.100	.096	.482
1979	Sept.	39	120	2,270	.052	.059	.202	.065	.112	.510
1979	Oct.	77	212	2,030	.054	.058	.199	.074	.110	.505
1979	Nov.	54	186	2,510	.052	.061	.196	.067	.112	.511
1979	Dec.	0	0	--	--	--	--	--	--	--
1980	Jan.	1	8	5,070	.046	.074	.183	.046	.121	.531
1980	Feb.	1,258	2,120	1,240	.060	.050	.207	.096	.102	.485
1980	Mar.	1,696	3,086	1,340	.059	.051	.206	.093	.103	.488
1980	Apr.	4,453	6,474	1,070	.061	.047	.209	.104	.100	.478
1980	May	2,729	4,199	1,130	.060	.048	.208	.101	.101	.481
1980	June	224	599	1,970	.055	.057	.200	.076	.109	.503
1980	July	68	216	2,320	.053	.060	.197	.069	.111	.509
1980	Aug.	169	398	1,730	.056	.055	.202	.081	.107	.499
1980	Sept.	49	123	1,840	.056	.057	.200	.078	.108	.502
1980	Oct.	349	665	1,400	.059	.052	.204	.090	.103	.492
1980	Nov.	173	505	2,140	.054	.058	.199	.073	.110	.506
1980	Dec.	205	579	2,080	.054	.058	.200	.074	.109	.505
1981	Jan.	146	422	2,130	.054	.058	.199	.073	.110	.506
1981	Feb.	68	232	2,510	.053	.061	.196	.067	.112	.511
1981	Mar.	290	885	2,240	.053	.057	.203	.072	.116	.499
1981	Apr.	216	788	2,690	.050	.058	.202	.066	.122	.500
1981	May	874	2,358	1,980	.051	.053	.209	.077	.119	.491
1981	June	65	175	1,980	.054	.058	.199	.074	.114	.501
1981	July	148	630	3,120	.045	.057	.207	.062	.135	.494
1981	Aug.	52	231	3,260	.044	.055	.211	.062	.138	.490
1981	Sept.	40	115	2,120	.051	.056	.203	.071	.122	.495

Site 30. 09217000 Green River near Green River, Wyo., water years 1952 through 1983.

1951	Oct.	80,530	42,010	384	.157	.059	.117	.256	.019	.392
1951	Nov.	50,270	32,380	474	.145	.056	.124	.222	.019	.434
1951	Dec.	43,220	28,320	482	.142	.055	.126	.215	.018	.444
1952	Jan.	41,200	25,090	448	.144	.056	.125	.219	.018	.438
1952	Feb.	41,810	24,940	439	.145	.056	.124	.224	.018	.432

1952	Mar.	51,750	31,700	450	.147	.056	.123	.228	.019	.427
1952	Apr.	190,500	97,820	378	.169	.060	.109	.294	.020	.348
1952	May	348,300	109,900	232	.188	.063	.094	.361	.018	.276
1952	June	399,200	102,300	188	.192	.063	.089	.385	.017	.254
1952	July	170,600	59,980	259	.178	.062	.103	.322	.018	.317
1952	Aug.	99,370	37,670	279	.169	.061	.110	.293	.017	.350
1952	Sept.	56,820	28,410	368	.154	.058	.119	.248	.018	.402
1952	Oct.	41,540	26,720	473	.142	.056	.125	.215	.018	.444
1952	Nov.	28,190	22,700	592	.131	.054	.130	.188	.019	.479
1952	Dec.	26,700	20,070	553	.131	.054	.130	.189	.018	.478
1953	Jan.	31,930	21,850	503	.137	.055	.127	.202	.018	.461
1953	Feb.	32,730	22,830	513	.138	.055	.127	.204	.018	.457
1953	Mar.	44,010	28,670	479	.143	.056	.124	.216	.018	.442
1953	Apr.	76,750	42,610	408	.155	.058	.118	.248	.019	.402
1953	May	74,430	40,700	402	.155	.058	.118	.247	.019	.403
1953	June	380,900	100,800	195	.190	.061	.090	.368	.017	.274
1953	July	206,500	58,810	209	.184	.062	.096	.341	.017	.300
1953	Aug.	104,100	39,520	279	.170	.061	.107	.291	.017	.354
1953	Sept.	39,070	21,690	408	.146	.057	.122	.225	.017	.432
1953	Oct.	33,640	24,150	528	.137	.056	.127	.200	.019	.462
1953	Nov.	36,390	26,260	531	.139	.056	.126	.203	.019	.457
1953	Dec.	23,740	19,860	615	.128	.054	.131	.180	.019	.489
1954	Jan.	25,640	20,040	575	.131	.054	.130	.186	.019	.480
1954	Feb.	27,260	19,040	514	.136	.055	.128	.199	.018	.464
1954	Mar.	47,860	31,380	482	.144	.057	.123	.217	.019	.440
1954	Apr.	88,100	46,500	388	.159	.059	.114	.253	.019	.395
1954	May	281,500	73,210	191	.183	.061	.095	.345	.017	.298
1954	June	232,200	68,270	216	.182	.062	.097	.333	.018	.308
1954	July	250,000	60,070	177	.185	.062	.094	.354	.017	.288
1954	Aug.	86,150	32,550	278	.164	.060	.112	.278	.018	.369
1954	Sept.	46,630	23,840	376	.149	.058	.121	.235	.018	.418
1954	Oct.	40,380	26,050	474	.142	.056	.124	.211	.019	.448
1954	Nov.	39,200	26,930	505	.142	.056	.124	.208	.019	.451
1954	Dec.	17,720	15,420	640	.120	.051	.135	.163	.018	.513
1955	Jan.	19,520	15,970	602	.123	.052	.134	.169	.018	.504
1955	Feb.	20,410	15,340	553	.127	.053	.132	.179	.018	.490
1955	Mar.	33,360	24,890	549	.136	.055	.127	.196	.019	.467
1955	Apr.	74,190	43,630	432	.157	.059	.115	.244	.019	.406
1955	May	127,200	45,210	261	.171	.060	.106	.297	.018	.348
1955	June	244,500	64,100	193	.188	.062	.092	.355	.016	.286
1955	July	116,500	41,360	261	.171	.061	.107	.297	.017	.348
1955	Aug.	68,450	27,920	300	.159	.059	.116	.262	.017	.387
1955	Sept.	34,560	19,370	412	.141	.056	.126	.213	.018	.446
1955	Oct.	32,620	22,370	504	.137	.054	.129	.199	.019	.462
1955	Nov.	27,200	20,220	547	.133	.054	.130	.189	.018	.477
1955	Dec.	34,550	23,830	507	.139	.054	.127	.203	.019	.459
1956	Jan.	37,350	24,800	488	.141	.055	.127	.208	.019	.451
1956	Feb.	28,560	18,670	481	.135	.055	.130	.199	.018	.463
1956	Mar.	90,670	50,930	413	.165	.055	.113	.262	.019	.386
1956	Apr.	158,500	71,080	330	.179	.055	.104	.305	.019	.337
1956	May	309,600	106,400	253	.194	.053	.092	.363	.019	.279
1956	June	554,800	135,500	180	.203	.052	.082	.415	.018	.230
1956	July	196,600	59,990	224	.182	.056	.102	.338	.019	.304
1956	Aug.	98,460	36,790	275	.166	.057	.114	.287	.019	.357

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 30. 09217000 Green River near Green River, Wyo., water years 1952 through 1983--Continued										
1956	Sept.	41,400	21,890	389	0.144	0.056	0.126	0.224	0.019	0.430
1956	Oct.	35,120	22,710	475	.137	.054	.130	.203	.018	.458
1956	Nov.	34,610	23,750	505	.136	.054	.129	.200	.018	.463
1956	Dec.	25,730	19,070	545	.127	.053	.133	.181	.018	.487
1957	Jan.	22,420	16,360	536	.124	.053	.136	.175	.018	.494
1957	Feb.	36,920	24,740	493	.142	.054	.126	.212	.019	.448
1957	Mar.	57,050	37,810	487	.150	.055	.121	.227	.019	.429
1957	Apr.	60,050	35,490	435	.153	.055	.121	.237	.019	.416
1957	May	176,200	79,780	333	.182	.054	.102	.314	.019	.329
1957	June	476,500	119,800	185	.203	.051	.083	.411	.018	.233
1957	July	380,200	91,970	178	.198	.053	.088	.398	.018	.245
1957	Aug.	110,400	37,820	252	.169	.056	.112	.301	.019	.343
1957	Sept.	67,540	30,660	334	.157	.056	.120	.258	.019	.391
1957	Oct.	66,220	35,460	394	.153	.053	.123	.244	.019	.408
1957	Nov.	47,960	26,940	413	.146	.054	.126	.228	.019	.427
1957	Dec.	41,300	25,570	455	.140	.054	.129	.213	.019	.445
1958	Jan.	32,770	21,640	486	.134	.055	.132	.199	.018	.462
1958	Feb.	47,150	29,260	456	.146	.053	.126	.225	.019	.431
1958	Mar.	51,000	32,780	473	.145	.053	.126	.222	.019	.435
1958	Apr.	99,490	52,770	390	.165	.051	.116	.269	.019	.380
1958	May	290,600	82,280	208	.189	.048	.099	.356	.020	.289
1958	June	266,400	72,790	201	.189	.049	.100	.356	.020	.286
1958	July	76,450	32,850	316	.158	.054	.121	.262	.019	.386
1958	Aug.	50,670	25,940	377	.146	.055	.127	.231	.019	.421
1958	Sept.	35,920	22,850	468	.137	.054	.130	.207	.019	.453
1958	Oct.	33,040	24,540	546	.128	.051	.135	.187	.020	.479
1958	Nov.	31,990	25,340	582	.125	.050	.136	.179	.020	.489
1958	Dec.	31,400	23,450	549	.127	.051	.135	.186	.020	.480
1959	Jan.	23,900	17,740	546	.124	.051	.136	.184	.020	.485
1959	Feb.	24,540	17,250	517	.128	.052	.135	.192	.020	.474
1959	Mar.	48,720	31,710	479	.138	.052	.131	.208	.020	.451
1959	Apr.	73,310	45,200	453	.145	.052	.129	.220	.021	.433
1959	May	78,670	39,350	368	.155	.054	.123	.248	.020	.400
1959	June	321,700	76,920	176	.195	.053	.095	.373	.019	.265
1959	July	140,300	46,460	244	.177	.054	.109	.316	.020	.324
1959	Aug.	78,510	29,230	274	.166	.055	.115	.291	.019	.353
1959	Sept.	41,640	23,350	412	.143	.053	.128	.226	.020	.430
1959	Oct.	51,290	28,280	405	.146	.053	.129	.232	.021	.420
1959	Nov.	42,380	23,500	408	.143	.053	.129	.229	.021	.424
1959	Dec.	27,110	19,280	523	.128	.052	.134	.194	.022	.470

1960 Jan.	27,450	18,520	496	.130	.053	.134	.200	.022	.461
1960 Feb.	22,530	16,840	550	.125	.052	.135	.187	.022	.479
1960 Mar.	74,620	42,480	419	.153	.051	.127	.231	.021	.418
1960 Apr.	84,010	39,400	345	.159	.052	.123	.257	.021	.388
1960 May	66,320	30,700	340	.154	.053	.124	.255	.021	.393
1960 June	172,700	47,670	203	.184	.052	.107	.343	.019	.296
1960 July	67,690	26,940	293	.160	.054	.121	.279	.021	.365
1960 Aug.	38,250	16,230	312	.149	.056	.124	.265	.022	.385
1960 Sept.	27,510	14,460	387	.139	.055	.130	.232	.022	.423
1960 Oct.	42,250	21,770	379	.147	.053	.128	.241	.022	.410
1960 Nov.	47,040	23,500	367	.149	.053	.127	.246	.022	.403
1960 Dec.	27,470	15,720	421	.138	.053	.131	.223	.022	.433
1961 Jan.	20,290	12,550	455	.132	.052	.133	.210	.022	.450
1961 Feb.	19,200	11,740	450	.133	.052	.133	.212	.022	.447
1961 Mar.	29,650	16,620	412	.140	.053	.130	.226	.022	.428
1961 Apr.	50,120	24,430	358	.151	.053	.126	.250	.022	.398
1961 May	60,130	27,090	331	.156	.053	.123	.261	.022	.384
1961 June	161,700	59,350	270	.174	.053	.115	.301	.022	.336
1961 July	46,550	23,380	369	.149	.053	.127	.245	.022	.404
1961 Aug.	35,330	19,090	397	.143	.053	.129	.233	.022	.420
1961 Sept.	38,950	20,350	384	.146	.053	.128	.238	.022	.413
1961 Oct.	41,000	21,080	378	.150	.053	.124	.250	.024	.400
1961 Nov.	29,040	17,220	436	.144	.052	.127	.236	.024	.418
1961 Dec.	26,800	16,410	450	.142	.052	.128	.231	.024	.424
1962 Jan.	32,170	18,670	427	.145	.052	.126	.239	.024	.414
1962 Feb.	48,220	23,680	361	.156	.053	.120	.264	.024	.383
1962 Mar.	77,230	35,020	333	.166	.054	.114	.284	.024	.359
1962 Apr.	203,300	76,580	277	.181	.055	.105	.320	.024	.316
1962 May	256,000	89,400	257	.184	.055	.103	.332	.023	.303
1962 June	354,700	92,070	191	.191	.054	.098	.366	.021	.271
1962 July	250,000	67,230	198	.186	.054	.102	.354	.020	.284
1962 Aug.	93,740	34,260	269	.168	.054	.114	.299	.022	.343
1962 Sept.	38,400	22,100	423	.147	.053	.124	.239	.025	.412
1962 Oct.	38,280	24,450	470	.149	.053	.122	.217	.024	.436
1962 Nov.	35,250	22,170	463	.150	.052	.121	.217	.024	.436
1962 Dec.	25,490	18,670	539	.139	.050	.126	.191	.024	.470
1963 Jan.	17,630	13,670	570	.140	.048	.125	.184	.022	.481
1963 Feb.	17,970	13,390	548	.141	.048	.125	.189	.023	.474
1963 Mar.	41,920	26,990	473	.147	.054	.123	.216	.024	.436
1963 Apr.	50,870	31,100	450	.150	.055	.121	.228	.025	.421
1963 May	100,500	44,700	327	.167	.057	.108	.291	.023	.354
1963 June	337,300	86,690	189	.192	.057	.081	.419	.020	.231
1963 July	142,600	43,540	225	.191	.054	.089	.371	.019	.276
1963 Aug.	75,650	35,060	341	.168	.056	.109	.282	.023	.362
1963 Sept.	77,350	33,760	321	.171	.055	.107	.291	.022	.354
1963 Oct.	57,480	28,470	364	.155	.059	.114	.252	.023	.398
1963 Nov.	52,140	31,240	441	.146	.053	.125	.216	.025	.435
1963 Dec.	30,210	21,770	530	.131	.051	.135	.183	.026	.474
1964 Jan.	23,090	18,110	577	.125	.050	.139	.170	.026	.490
1964 Feb.	22,260	17,300	571	.126	.050	.139	.171	.026	.489
1964 Mar.	29,220	17,920	451	.139	.056	.126	.209	.025	.445
1964 Apr.	68,350	36,760	395	.153	.056	.118	.241	.023	.409
1964 May	138,200	51,130	272	.172	.060	.098	.309	.021	.340
1964 June	323,100	105,600	240	.187	.059	.088	.346	.019	.301

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 30. 09217000 Green River near Green River, Wyo., water years 1952 through 1983--Continued										
1964	July	335,400	80,430	176	0.193	0.063	0.073	0.404	0.017	0.250
1964	Aug.	86,860	32,370	274	.169	.063	.099	.306	.021	.343
1964	Sept.	36,690	22,010	441	.142	.056	.124	.217	.024	.436
1964	Oct.	23,530	20,530	641	.117	.053	.110	.157	.030	.533
1964	Nov.	24,680	20,560	613	.119	.053	.110	.161	.030	.527
1964	Dec.	24,930	20,040	591	.118	.053	.109	.158	.030	.532
1965	Jan.	28,150	21,790	569	.121	.054	.109	.165	.030	.521
1965	Feb.	30,010	21,510	527	.125	.055	.110	.174	.030	.508
1965	Mar.	37,690	26,500	517	.127	.055	.109	.179	.029	.500
1965	Apr.	43,670	34,070	574	.129	.055	.105	.181	.030	.499
1965	May	93,530	55,960	440	.145	.058	.102	.222	.028	.444
1965	June	428,900	162,800	279	.175	.062	.091	.311	.025	.336
1965	July	465,900	138,300	218	.178	.062	.097	.333	.022	.308
1965	Aug.	184,000	68,020	272	.162	.060	.107	.281	.024	.364
1965	Sept.	460,900	170,500	272	.176	.062	.090	.317	.025	.330
1965	Oct.	85,500	62,320	536	.141	.058	.098	.205	.030	.468
1965	Nov.	75,390	48,140	470	.141	.058	.104	.211	.029	.456
1965	Dec.	29,440	25,060	626	.117	.054	.106	.161	.033	.528
1966	Jan.	37,330	28,730	566	.123	.056	.107	.174	.032	.507
1966	Feb.	35,270	26,670	556	.124	.056	.107	.176	.032	.504
1966	Mar.	87,710	62,370	523	.144	.058	.097	.212	.029	.460
1966	Apr.	137,500	68,890	368	.157	.059	.102	.251	.026	.405
1966	May	160,000	60,790	279	.162	.060	.107	.276	.024	.372
1966	June	170,900	52,790	227	.166	.060	.112	.296	.022	.345
1966	July	90,510	39,570	322	.149	.059	.114	.244	.026	.408
1966	Aug.	56,430	29,710	387	.138	.058	.115	.214	.028	.446
1966	Sept.	44,890	27,410	449	.132	.057	.113	.198	.030	.470
1966	Oct.	34,760	25,970	549	.126	.052	.115	.176	.028	.502
1966	Nov.	30,390	24,410	591	.123	.052	.113	.170	.029	.513
1966	Dec.	25,120	22,610	662	.118	.051	.112	.157	.030	.532
1967	Jan.	18,720	17,610	692	.113	.049	.116	.147	.030	.546
1967	Feb.	18,580	18,590	736	.112	.050	.111	.146	.031	.550
1967	Mar.	33,350	28,310	624	.123	.053	.107	.170	.030	.516
1967	Apr.	128,600	66,970	383	.154	.060	.101	.245	.026	.414
1967	May	138,200	61,880	329	.155	.059	.103	.254	.025	.405
1967	June	456,300	120,500	194	.181	.061	.097	.343	.019	.299
1967	July	448,200	107,500	176	.182	.060	.100	.350	.018	.290
1967	Aug.	88,030	35,130	293	.153	.055	.122	.247	.022	.401
1967	Sept.	65,330	32,910	370	.144	.055	.118	.222	.025	.437
1967	Oct.	61,490	33,990	406	.143	.049	.133	.208	.018	.449

1967	Nov.	49,370	30,310	452	.137	.050	.137	.195	.019	.463
1967	Dec.	17,320	18,090	768	.100	.050	.155	.129	.020	.545
1968	Jan.	17,110	17,240	741	.101	.051	.155	.130	.020	.544
1968	Feb.	15,940	15,790	729	.101	.051	.155	.130	.020	.544
1968	Mar.	33,180	27,700	614	.122	.048	.146	.164	.020	.499
1968	Apr.	30,710	28,310	678	.118	.049	.149	.156	.020	.508
1968	May	55,690	36,910	487	.138	.048	.138	.193	.019	.463
1968	June	271,000	94,700	257	.196	.042	.105	.311	.016	.330
1968	July	88,210	37,000	308	.156	.049	.124	.239	.017	.414
1968	Aug.	135,400	50,350	274	.172	.047	.116	.269	.016	.380
1968	Sept.	126,300	47,420	276	.170	.047	.117	.265	.017	.384
1968	Oct.	117,100	45,260	284	.166	.048	.118	.258	.017	.394
1968	Nov.	54,200	30,680	416	.140	.050	.133	.203	.019	.455
1968	Dec.	30,050	25,880	633	.118	.050	.146	.158	.021	.507
1969	Jan.	51,150	31,170	448	.137	.050	.135	.196	.019	.463
1969	Feb.	89,020	39,780	329	.158	.048	.123	.240	.018	.412
1969	Mar.	80,200	43,530	399	.148	.048	.131	.216	.020	.437
1969	Apr.	141,200	63,790	332	.164	.046	.122	.249	.021	.397
1969	May	206,700	73,610	262	.178	.045	.113	.282	.019	.363
1969	June	302,300	83,040	202	.193	.042	.102	.321	.018	.324
1969	July	154,200	52,550	251	.174	.047	.113	.278	.017	.372
1969	Aug.	96,400	40,190	307	.160	.049	.121	.245	.017	.408
1969	Sept.	67,650	33,920	369	.149	.050	.128	.220	.018	.435
1969	Oct.	80,940	40,070	364	.153	.051	.123	.232	.019	.422
1969	Nov.	49,670	28,520	422	.141	.052	.128	.205	.018	.456
1969	Dec.	42,230	28,710	500	.130	.051	.135	.183	.019	.481
1970	Jan.	37,970	27,680	536	.126	.051	.139	.174	.019	.492
1970	Feb.	32,790	24,500	549	.124	.051	.139	.171	.019	.496
1970	Mar.	57,760	34,960	445	.139	.051	.132	.201	.020	.457
1970	Apr.	74,680	43,060	424	.144	.050	.132	.212	.021	.441
1970	May	84,100	44,490	389	.150	.050	.128	.225	.020	.428
1970	June	203,800	73,010	263	.178	.048	.110	.294	.020	.349
1970	July	126,700	44,740	260	.176	.050	.106	.286	.016	.366
1970	Aug.	85,660	35,760	307	.163	.051	.113	.255	.017	.400
1970	Sept.	74,790	33,470	329	.157	.051	.117	.242	.017	.415
1970	Oct.	62,230	49,440	584	.123	.048	.156	.171	.035	.467
1970	Nov.	48,600	23,850	361	.149	.053	.119	.232	.020	.427
1970	Dec.	43,500	30,150	510	.132	.050	.135	.186	.021	.476
1971	Jan.	42,510	29,440	509	.132	.050	.135	.186	.021	.476
1971	Feb.	46,920	28,490	447	.140	.052	.128	.207	.020	.454
1971	Mar.	75,610	44,220	430	.144	.053	.128	.218	.023	.433
1971	Apr.	107,300	55,570	381	.153	.055	.122	.242	.023	.405
1971	May	279,800	113,200	298	.170	.059	.110	.297	.024	.340
1971	June	479,700	139,700	214	.186	.062	.090	.361	.020	.281
1971	July	291,000	78,980	200	.187	.061	.085	.364	.016	.288
1971	Aug.	125,900	46,000	269	.172	.059	.099	.298	.016	.357
1971	Sept.	76,680	34,550	331	.159	.056	.110	.257	.017	.401
1971	Oct.	71,700	34,730	356	.153	.054	.113	.247	.019	.413
1971	Nov.	63,560	33,730	390	.148	.053	.119	.233	.020	.428
1971	Dec.	87,250	43,410	366	.154	.055	.116	.247	.020	.408
1972	Jan.	84,970	44,880	388	.150	.054	.120	.238	.021	.416
1972	Feb.	77,220	42,490	405	.148	.053	.123	.231	.022	.422
1972	Mar.	106,300	60,410	418	.148	.054	.128	.231	.024	.415
1972	Apr.	154,400	71,980	343	.162	.057	.116	.268	.023	.375

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 30. 09217000 Green River near Green River, Wyo., water years 1952 through 1983--Continued											
1972	May	294,300	115,800	289	0.174	0.059	0.108	0.306	0.023	0.330	
1972	June	624,600	164,800	194	.195	.062	.084	.386	.019	.254	
1972	July	254,600	75,620	218	.185	.060	.088	.349	.017	.301	
1972	Aug.	122,400	46,990	282	.169	.058	.101	.293	.018	.362	
1972	Sept.	75,100	35,250	345	.155	.055	.112	.253	.019	.407	
1972	Oct.	78,530	40,610	380	.145	.053	.126	.231	.020	.424	
1972	Nov.	84,580	41,460	360	.148	.053	.123	.240	.020	.415	
1972	Dec.	51,330	30,530	437	.133	.050	.135	.204	.020	.458	
1973	Jan.	73,310	39,860	400	.142	.052	.129	.224	.021	.432	
1973	Feb.	94,510	44,250	344	.154	.055	.119	.252	.020	.401	
1973	Mar.	92,010	47,160	377	.149	.053	.124	.237	.021	.415	
1973	Apr.	110,300	63,580	424	.149	.053	.128	.229	.025	.417	
1973	May	170,800	75,570	325	.164	.056	.113	.273	.022	.372	
1973	June	161,900	56,720	258	.170	.058	.103	.303	.017	.349	
1973	July	127,100	49,450	286	.162	.056	.110	.280	.018	.373	
1973	Aug.	107,400	45,860	314	.157	.055	.115	.264	.019	.390	
1973	Sept.	75,050	38,900	381	.144	.052	.127	.229	.021	.427	
1973	Oct.	67,010	37,280	409	.141	.053	.129	.219	.021	.438	
1973	Nov.	61,310	36,820	442	.137	.053	.130	.210	.021	.449	
1973	Dec.	52,430	32,460	455	.133	.052	.133	.200	.021	.462	
1974	Jan.	78,150	41,920	394	.145	.054	.126	.228	.021	.427	
1974	Feb.	109,900	50,110	335	.158	.055	.118	.261	.020	.386	
1974	Mar.	113,900	58,740	379	.154	.055	.120	.249	.021	.401	
1974	Apr.	103,900	54,530	386	.153	.055	.121	.245	.021	.406	
1974	May	206,800	79,020	281	.173	.057	.108	.303	.020	.340	
1974	June	346,100	95,760	203	.189	.057	.095	.357	.019	.283	
1974	July	210,100	63,510	222	.178	.057	.105	.322	.019	.320	
1974	Aug.	102,500	43,190	310	.156	.055	.120	.258	.020	.391	
1974	Sept.	53,150	31,710	439	.134	.052	.132	.204	.021	.457	
1974	Oct.	57,120	34,010	438	.136	.053	.134	.206	.020	.451	
1974	Nov.	53,780	33,600	459	.132	.052	.137	.200	.020	.458	
1974	Dec.	58,900	35,750	446	.134	.052	.136	.204	.020	.453	
1975	Jan.	61,830	36,830	438	.136	.053	.136	.208	.020	.448	
1975	Feb.	57,070	33,540	432	.137	.053	.135	.210	.020	.445	
1975	Mar.	62,300	39,400	465	.132	.052	.140	.201	.021	.455	
1975	Apr.	69,560	44,270	468	.132	.051	.142	.204	.021	.450	
1975	May	125,300	62,380	366	.148	.054	.133	.248	.021	.395	
1975	June	296,100	101,000	251	.171	.057	.115	.325	.021	.310	
1975	July	328,700	100,900	226	.178	.058	.108	.342	.021	.293	
1975	Aug.	132,400	50,350	280	.165	.058	.114	.285	.020	.357	

1975	Sept.	59,970	33,310	408	.140	.054	.131	.215	.020	.440
1975	Oct.	57,540	34,120	436	.136	.054	.138	.211	.022	.439
1975	Nov.	60,310	34,970	426	.137	.054	.138	.215	.022	.434
1975	Dec.	73,750	40,620	405	.141	.055	.136	.225	.022	.421
1976	Jan.	70,930	39,800	413	.140	.055	.137	.222	.022	.424
1976	Feb.	65,300	35,520	400	.141	.055	.135	.225	.022	.422
1976	Mar.	99,240	50,810	377	.146	.055	.135	.242	.022	.400
1976	Apr.	106,000	53,970	375	.147	.055	.136	.244	.022	.396
1976	May	296,300	107,100	266	.168	.057	.121	.317	.021	.317
1976	June	291,800	87,850	221	.177	.059	.107	.342	.020	.295
1976	July	177,300	62,210	258	.168	.059	.114	.305	.021	.334
1976	Aug.	140,400	55,400	290	.161	.058	.120	.283	.021	.356
1976	Sept.	65,380	33,900	381	.143	.056	.131	.229	.022	.419
1976	Oct.	57,830	32,650	415	.138	.054	.137	.217	.022	.431
1976	Nov.	56,180	31,060	407	.139	.054	.136	.220	.022	.429
1976	Dec.	60,190	32,880	402	.140	.055	.135	.222	.022	.426
1977	Jan.	61,410	34,240	410	.139	.054	.137	.220	.022	.427
1977	Feb.	55,340	31,860	423	.137	.054	.139	.216	.023	.431
1977	Mar.	41,590	30,100	532	.121	.050	.154	.179	.023	.472
1977	Apr.	32,830	26,220	587	.115	.049	.158	.165	.024	.490
1977	May	30,470	23,310	563	.117	.050	.152	.168	.023	.490
1977	June	24,610	20,060	599	.112	.048	.155	.157	.023	.504
1977	July	22,640	19,320	628	.109	.048	.157	.151	.024	.511
1977	Aug.	22,880	20,100	646	.108	.047	.159	.148	.024	.514
1977	Sept.	32,600	22,450	506	.122	.051	.147	.181	.023	.476
1977	Oct.	31,370	23,260	545	.117	.050	.150	.170	.024	.489
1977	Nov.	32,110	23,560	540	.119	.050	.149	.172	.024	.485
1977	Dec.	43,410	27,880	472	.127	.052	.142	.192	.023	.463
1978	Jan.	63,590	32,880	380	.141	.054	.130	.225	.022	.428
1978	Feb.	59,270	30,690	381	.142	.054	.130	.226	.022	.426
1978	Mar.	78,810	42,580	397	.142	.054	.132	.228	.023	.422
1978	Apr.	103,800	49,300	349	.152	.055	.123	.253	.021	.395
1978	May	167,400	69,930	307	.163	.056	.115	.284	.020	.362
1978	June	378,300	108,700	211	.185	.057	.092	.360	.017	.289
1978	July	301,700	75,030	183	.187	.058	.087	.366	.015	.288
1978	Aug.	141,900	45,080	234	.170	.057	.103	.307	.017	.345
1978	Sept.	81,820	33,230	299	.154	.056	.118	.259	.020	.394
1978	Oct.	46,310	27,210	432	.131	.051	.140	.200	.023	.455
1978	Nov.	50,410	27,020	394	.137	.053	.135	.214	.022	.439
1978	Dec.	58,730	29,950	375	.141	.053	.132	.223	.021	.429
1979	Jan.	62,500	31,660	372	.142	.054	.131	.226	.021	.426
1979	Feb.	60,740	30,470	369	.143	.054	.131	.228	.021	.423
1979	Mar.	76,920	40,320	386	.141	.053	.134	.225	.023	.424
1979	Apr.	92,020	54,390	435	.135	.051	.142	.213	.026	.433
1979	May	123,000	53,670	321	.156	.055	.123	.261	.021	.384
1979	June	217,300	63,580	215	.181	.059	.098	.334	.016	.311
1979	July	66,850	28,920	318	.152	.056	.122	.248	.019	.403
1979	Aug.	63,390	30,690	356	.145	.054	.129	.232	.021	.420
1979	Sept.	51,570	26,660	380	.139	.053	.133	.218	.021	.435
1979	Oct.	45,150	25,800	420	.133	.051	.137	.198	.021	.461
1979	Nov.	47,330	25,910	403	.135	.052	.135	.204	.021	.453
1979	Dec.	60,830	31,090	376	.141	.053	.131	.217	.021	.437
1980	Jan.	45,320	27,290	443	.129	.051	.139	.192	.022	.467
1980	Feb.	38,500	24,560	469	.126	.050	.141	.184	.022	.477

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 30. 09217000 Green River near Green River, Wyo., water years 1952 through 1983--Continued										
1980	Mar.	58,470	35,300	444	0.130	0.051	0.138	0.197	0.023	0.461
1980	Apr.	141,800	66,190	343	.151	.055	.124	.249	.024	.398
1980	May	176,000	76,480	320	.154	.055	.121	.260	.023	.387
1980	June	319,500	93,050	214	.179	.057	.100	.330	.020	.313
1980	July	237,000	67,910	211	.178	.057	.102	.324	.019	.320
1980	Aug.	100,000	40,040	294	.157	.055	.120	.258	.020	.391
1980	Sept.	64,540	32,100	366	.142	.053	.130	.221	.021	.433
1980	Oct.	48,410	29,240	444	.132	.051	.138	.198	.021	.460
1980	Nov.	56,060	31,220	409	.137	.052	.135	.209	.023	.444
1980	Dec.	72,890	36,560	369	.147	.054	.131	.228	.026	.415
1981	Jan.	63,040	35,820	418	.136	.052	.135	.206	.022	.449
1981	Feb.	40,680	27,460	496	.122	.049	.141	.180	.018	.490
1981	Mar.	42,580	29,180	504	.121	.049	.141	.178	.017	.493
1981	Apr.	69,190	36,550	388	.142	.053	.133	.218	.024	.431
1981	May	53,900	32,910	449	.129	.050	.138	.194	.020	.469
1981	June	83,970	38,090	334	.154	.055	.127	.243	.029	.393
1981	July	98,120	39,410	295	.165	.056	.121	.266	.034	.358
1981	Aug.	100,800	39,250	286	.167	.056	.120	.271	.036	.349
1981	Sept.	51,180	25,450	366	.146	.053	.132	.228	.028	.413
1981	Oct.	39,960	23,060	424	.136	.052	.131	.207	.023	.451
1981	Nov.	26,640	17,860	493	.124	.049	.137	.181	.020	.490
1981	Dec.	41,570	23,080	408	.139	.052	.130	.212	.024	.444
1982	Jan.	44,530	25,350	419	.138	.052	.130	.210	.023	.447
1982	Feb.	47,640	25,660	396	.143	.053	.127	.220	.024	.433
1982	Mar.	74,000	37,800	376	.148	.054	.124	.232	.024	.418
1982	Apr.	82,040	40,820	366	.150	.055	.122	.238	.024	.410
1982	May	99,630	43,910	324	.159	.056	.117	.259	.027	.381
1982	June	344,800	108,900	232	.186	.059	.097	.331	.031	.295
1982	July	494,200	125,200	186	.199	.059	.086	.371	.038	.247
1982	Aug.	220,000	65,060	218	.187	.058	.097	.332	.037	.289
1982	Sept.	118,300	46,090	287	.168	.057	.111	.281	.031	.352
1982	Oct.	191,100	63,720	245	.178	.058	.103	.309	.034	.318
1982	Nov.	54,810	28,240	379	.149	.054	.123	.239	.025	.410
1982	Dec.	60,540	30,740	373	.150	.055	.122	.242	.026	.405
1983	Jan.	77,060	37,230	355	.154	.056	.119	.252	.026	.392
1983	Feb.	73,470	37,680	377	.151	.055	.120	.247	.022	.404
1983	Mar.	105,500	54,190	378	.152	.056	.118	.252	.020	.402
1983	Apr.	165,400	72,840	324	.164	.058	.111	.279	.022	.367
1983	May	179,300	80,530	330	.162	.058	.111	.277	.021	.371
1983	June	507,100	153,100	222	.189	.060	.094	.341	.030	.286

1983 July	477,800	125,700	193	.196	.060	.090	.354	.040	.261
1983 Aug.	178,200	63,330	261	.176	.058	.106	.301	.034	.325
1983 Sept.	107,800	45,240	309	.164	.057	.114	.274	.030	.361
Site 31. 09222000 Blacks Fork near Lyman, Wyo., water years 1963 through 1983.									
1962 June	25,820	25,670	731	.109	.036	.163	.189	.071	.431
1962 July	8,422	11,320	988	.111	.039	.166	.124	.060	.500
1962 Aug.	1,505	3,448	1,680	.107	.043	.161	.056	.043	.590
1962 Sept.	411	1,365	2,440	.101	.043	.151	.031	.032	.641
1962 Oct.	623	1,864	2,200	.103	.043	.154	.037	.035	.627
1962 Nov.	661	1,924	2,140	.103	.043	.155	.039	.036	.623
1962 Dec.	782	2,010	1,890	.105	.043	.158	.047	.039	.608
1963 Jan.	178	719	2,960	.095	.043	.143	.022	.027	.668
1963 Feb.	1,940	4,037	1,530	.109	.042	.163	.066	.046	.574
1963 Mar.	2,801	5,430	1,430	.110	.042	.164	.073	.049	.562
1963 Apr.	3,834	6,615	1,270	.111	.041	.165	.087	.052	.544
1963 May	3,247	5,916	1,340	.110	.042	.165	.080	.050	.554
1963 June	13,770	15,620	834	.110	.038	.165	.156	.066	.466
1963 July	2,890	5,294	1,350	.109	.042	.164	.078	.049	.558
1963 Aug.	876	2,367	1,990	.105	.043	.157	.044	.038	.613
1963 Sept.	984	2,430	1,820	.105	.043	.158	.049	.040	.606
1963 Oct.	806	2,108	1,920	.092	.042	.172	.045	.047	.602
1963 Nov.	1,926	3,863	1,470	.104	.043	.172	.066	.053	.562
1963 Dec.	1,075	2,619	1,790	.096	.043	.172	.050	.049	.591
1964 Jan.	1,269	2,929	1,700	.098	.043	.172	.054	.050	.583
1964 Feb.	1,085	2,594	1,760	.097	.043	.172	.051	.050	.587
1964 Mar.	1,396	3,143	1,660	.099	.043	.172	.056	.051	.579
1964 Apr.	9,888	11,880	883	.126	.043	.165	.129	.062	.475
1964 May	43,560	30,870	521	.139	.040	.146	.234	.066	.375
1964 June	59,540	40,720	503	.142	.039	.144	.248	.067	.360
1964 July	11,630	12,220	773	.127	.042	.162	.147	.062	.459
1964 Aug.	1,260	2,903	1,700	.098	.043	.172	.054	.050	.583
1964 Sept.	595	1,732	2,140	.088	.042	.171	.039	.046	.614
1964 Oct.	672	3,246	3,550	.071	.037	.150	.021	.033	.688
1964 Nov.	1,287	4,660	2,660	.077	.038	.150	.029	.036	.670
1964 Dec.	3,209	5,258	1,200	.111	.043	.168	.084	.055	.539
1965 Jan.	4,481	5,797	951	.124	.044	.174	.122	.065	.472
1965 Feb.	4,669	5,843	920	.123	.043	.171	.123	.063	.477
1965 Mar.	4,580	5,822	935	.124	.044	.173	.123	.064	.471
1965 Apr.	13,950	11,380	600	.135	.042	.162	.182	.068	.410
1965 May	42,470	24,570	425	.132	.038	.141	.223	.063	.403
1965 June	119,300	56,800	350	.136	.037	.132	.234	.059	.401
1965 July	44,140	37,910	632	.123	.040	.146	.128	.053	.509
1965 Aug.	21,560	23,380	798	.118	.041	.152	.106	.052	.531
1965 Sept.	14,130	16,860	877	.118	.042	.157	.102	.054	.528
1965 Oct.	12,210	14,460	871	.123	.039	.163	.123	.058	.493
1965 Nov.	8,341	11,620	1,020	.117	.039	.167	.107	.057	.513
1965 Dec.	7,512	8,186	801	.128	.042	.167	.139	.063	.461
1966 Jan.	6,085	5,609	678	.135	.044	.167	.166	.069	.418
1966 Feb.	5,032	4,354	636	.137	.045	.167	.178	.070	.403
1966 Mar.	14,950	14,910	733	.131	.040	.160	.146	.060	.463
1966 Apr.	13,590	9,779	529	.144	.043	.156	.202	.067	.387

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 31. 09222000 Blacks Fork near Lyman, Wyo., water years 1963 through 1983--Continued											
1966	May	16,460	10,280	460	0.141	0.041	0.150	0.218	0.064	0.385	
1966	June	4,489	9,921	1,630	.095	.035	.168	.065	.049	.588	
1966	July	1,068	5,268	2,270	.081	.033	.172	.047	.047	.620	
1966	Aug.	1,706	3,377	2,330	.079	.032	.170	.044	.045	.629	
1966	Sept.	477	1,756	2,710	.075	.035	.183	.041	.049	.617	
1966	Oct.	3,783	5,714	1,110	.097	.047	.166	.108	.058	.524	
1966	Nov.	3,102	5,323	1,260	.097	.046	.167	.098	.057	.536	
1966	Dec.	3,187	4,585	1,060	.091	.053	.163	.115	.058	.520	
1967	Jan.	2,955	3,425	852	.083	.062	.157	.140	.058	.499	
1967	Feb.	2,846	3,134	810	.083	.063	.156	.147	.059	.492	
1967	Mar.	7,531	7,604	742	.095	.053	.161	.154	.061	.476	
1967	Apr.	5,413	5,997	815	.092	.052	.161	.143	.060	.490	
1967	May	26,580	14,620	404	.093	.054	.151	.239	.064	.401	
1967	June	59,440	39,130	484	.112	.041	.162	.206	.067	.412	
1967	July	20,290	19,150	694	.109	.041	.167	.153	.063	.467	
1967	Aug.	2,386	6,623	2,040	.104	.035	.172	.061	.052	.576	
1967	Sept.	1,105	3,772	2,510	.097	.036	.169	.052	.049	.597	
1967	Oct.	1,759	4,682	1,960	.098	.040	.167	.062	.051	.582	
1967	Nov.	2,224	4,190	1,390	.103	.044	.165	.084	.055	.550	
1967	Dec.	1,918	3,037	1,160	.103	.047	.162	.095	.055	.538	
1968	Jan.	1,700	2,145	928	.104	.052	.158	.112	.055	.519	
1968	Feb.	4,453	5,612	927	.110	.045	.164	.121	.060	.499	
1968	Mar.	6,534	8,282	932	.111	.043	.165	.123	.061	.496	
1968	Apr.	10,060	11,790	861	.114	.042	.166	.134	.064	.480	
1968	May	14,730	11,140	556	.116	.044	.157	.189	.066	.427	
1968	June	75,590	37,770	367	.121	.038	.149	.273	.073	.347	
1968	July	5,371	10,620	1,450	.107	.037	.171	.086	.058	.540	
1968	Aug.	4,380	9,723	1,630	.106	.037	.172	.077	.057	.551	
1968	Sept.	1,972	5,345	1,990	.099	.039	.168	.062	.052	.581	
1968	Oct.	2,366	4,711	1,460	.102	.044	.164	.076	.054	.560	
1968	Nov.	2,136	4,374	1,510	.101	.044	.164	.074	.053	.564	
1968	Dec.	2,190	3,358	1,130	.103	.048	.161	.094	.056	.538	
1969	Jan.	4,475	5,830	958	.109	.046	.163	.112	.059	.511	
1969	Feb.	3,505	3,656	767	.109	.050	.159	.132	.061	.489	
1969	Mar.	3,237	3,380	768	.107	.050	.158	.130	.060	.494	
1969	Apr.	16,350	14,100	634	.118	.042	.162	.165	.067	.447	
1969	May	26,500	14,030	389	.116	.043	.151	.233	.068	.389	
1969	June	17,510	29,080		.117	.035	.175	.100	.062	.511	
1969	July	3,622	8,825	1,790	.103	.039	.169	.067	.053	.569	
1969	Aug.	1,581	3,898	1,810	.098	.043	.163	.062	.050	.584	
1969	Sept.	598	2,232	2,740	.087	.042	.158	.041	.044	.629	

1969	Oct.	2,504	5,647	1,660	.104	.041	.165	.068	.051	.570
1969	Nov.	1,736	3,892	1,650	.103	.042	.163	.066	.050	.575
1969	Dec.	1,515	2,911	1,410	.107	.044	.162	.101	.052	.562
1970	Jan.	2,650	3,754	1,040	.115	.043	.162	.120	.057	.522
1970	Feb.	4,590	5,509	883	.120	.043	.162	.120	.060	.495
1970	Mar.	5,413	7,189	977	.118	.042	.163	.111	.059	.507
1970	Apr.	7,166	7,073	726	.123	.042	.159	.143	.062	.470
1970	May	25,880	13,140	373	.131	.039	.145	.250	.068	.367
1970	June	38,120	33,900	654	.126	.038	.160	.175	.066	.434
1970	July	5,185	11,890	1,690	.105	.040	.167	.071	.052	.566
1970	Aug.	1,583	4,475	2,080	.097	.041	.163	.054	.047	.599
1970	Sept.	2,636	5,331	1,490	.105	.041	.164	.076	.052	.562
1970	Oct.	3,162	6,475	1,510	.104	.042	.163	.073	.050	.567
1970	Nov.	3,620	5,155	1,050	.115	.044	.162	.104	.053	.522
1970	Dec.	2,545	3,371	974	.115	.047	.159	.111	.051	.517
1971	Jan.	8,525	8,169	705	.126	.041	.159	.151	.060	.463
1971	Feb.	4,330	4,815	818	.121	.044	.159	.131	.055	.489
1971	Mar.	11,240	10,140	663	.126	.040	.158	.158	.060	.458
1971	Apr.	20,220	15,010	546	.132	.037	.156	.189	.065	.421
1971	May	31,980	16,400	377	.135	.036	.145	.252	.064	.368
1971	June	38,730	27,570	523	.133	.035	.156	.196	.067	.412
1971	July	13,240	20,790	1,150	.114	.037	.166	.096	.060	.526
1971	Aug.	2,826	7,596	1,980	.097	.041	.163	.056	.049	.594
1971	Sept.	2,464	6,285	1,880	.098	.042	.162	.059	.048	.590
1971	Oct.	3,975	7,527	1,390	.109	.039	.164	.089	.051	.547
1971	Nov.	5,359	9,211	1,260	.113	.039	.165	.098	.055	.530
1971	Dec.	4,249	6,026	1,040	.121	.041	.159	.117	.050	.511
1972	Jan.	3,792	4,801	931	.126	.042	.156	.130	.049	.497
1972	Feb.	4,812	5,406	826	.129	.041	.156	.143	.052	.479
1972	Mar.	20,490	19,370	695	.127	.036	.164	.159	.069	.445
1972	Apr.	18,950	20,840	809	.121	.036	.168	.139	.072	.463
1972	May	28,240	14,590	380	.140	.036	.145	.249	.063	.367
1972	June	45,910	34,510	553	.126	.034	.164	.183	.079	.415
1972	July	3,094	7,882	1,870	.101	.038	.165	.069	.050	.576
1972	Aug.	2,634	6,171	1,720	.105	.040	.163	.075	.048	.570
1972	Sept.	1,882	4,797	1,870	.102	.040	.161	.069	.045	.584
1972	Oct.	4,822	7,254	1,110	.113	.039	.163	.106	.055	.524
1972	Nov.	9,711	8,524	645	.132	.040	.158	.169	.059	.442
1972	Dec.	2,717	3,422	926	.132	.043	.150	.130	.044	.500
1973	Jan.	2,702	2,858	778	.140	.045	.145	.151	.042	.478
1973	Feb.	3,187	3,147	726	.140	.044	.146	.159	.044	.467
1973	Mar.	5,351	5,961	819	.130	.041	.157	.142	.053	.478
1973	Apr.	42,610	37,740	651	.113	.033	.181	.157	.095	.422
1973	May	35,780	18,170	373	.134	.035	.152	.243	.068	.368
1973	June	17,740	16,450	682	.122	.037	.168	.156	.070	.448
1973	July	16,270	23,040	1,040	.104	.034	.184	.108	.086	.485
1973	Aug.	8,360	12,580	1,110	.110	.037	.173	.106	.068	.506
1973	Sept.	7,817	11,540	1,090	.113	.038	.171	.109	.064	.505
1973	Oct.	6,480	9,432	1,070	.116	.040	.168	.112	.059	.506
1973	Nov.	6,341	9,069	1,050	.116	.040	.168	.114	.059	.503
1973	Dec.	5,720	5,759	740	.131	.042	.154	.159	.059	.455
1974	Jan.	4,635	4,437	704	.135	.042	.149	.168	.058	.448
1974	Feb.	5,675	5,245	680	.133	.042	.152	.171	.060	.442
1974	Mar.	21,730	21,190	717	.117	.039	.173	.151	.070	.450

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 31. 09222000 Blacks Fork near Lyman, Wyo., water years 1963 through 1983--Continued										
1974	Apr.	17,350	16,910	717	0.119	0.039	0.170	0.153	0.068	0.451
1974	May	47,400	20,490	318	.130	.038	.145	.284	.073	.331
1974	June	30,930	29,320	697	.112	.038	.177	.149	.071	.453
1974	July	6,363	12,850	1,480	.102	.038	.176	.081	.057	.546
1974	Aug.	1,870	4,903	1,930	.103	.038	.163	.067	.048	.580
1974	Sept.	1,162	3,452	2,180	.102	.038	.159	.061	.045	.594
1974	Oct.	1,541	4,305	2,050	.098	.038	.172	.061	.048	.583
1974	Nov.	2,555	4,983	1,430	.107	.039	.172	.087	.055	.540
1974	Dec.	1,833	2,799	1,120	.108	.040	.172	.117	.060	.504
1975	Jan.	2,138	2,709	932	.110	.040	.170	.140	.063	.478
1975	Feb.	3,191	3,186	734	.115	.040	.165	.172	.067	.443
1975	Mar.	6,446	8,626	984	.117	.040	.168	.122	.061	.493
1975	Apr.	5,524	7,221	961	.116	.040	.168	.126	.061	.489
1975	May	15,680	15,150	710	.127	.040	.160	.153	.064	.456
1975	June	61,070	41,430	499	.137	.040	.152	.200	.068	.404
1975	July	63,200	52,200	607	.136	.040	.156	.166	.065	.437
1975	Aug.	7,327	13,040	1,310	.113	.039	.168	.087	.054	.539
1975	Sept.	2,430	6,348	1,920	.102	.038	.171	.063	.049	.578
1975	Oct.	6,458	10,390	1,180	.110	.039	.169	.101	.057	.524
1975	Nov.	6,833	9,298	1,000	.112	.038	.171	.124	.063	.492
1975	Dec.	6,385	8,853	1,020	.111	.038	.172	.122	.062	.495
1976	Jan.	4,963	5,371	796	.106	.035	.172	.167	.068	.452
1976	Feb.	5,409	5,957	810	.108	.036	.171	.162	.067	.456
1976	Mar.	9,535	10,780	831	.113	.037	.168	.153	.066	.463
1976	Apr.	10,130	10,230	742	.112	.036	.166	.174	.068	.444
1976	May	11,850	9,830	610	.109	.035	.160	.216	.069	.411
1976	June	6,667	10,800	1,190	.112	.039	.171	.100	.059	.520
1976	July	2,940	6,295	1,570	.105	.038	.175	.073	.054	.555
1976	Aug.	1,250	3,471	2,040	.097	.037	.177	.054	.050	.585
1976	Sept.	574	2,051	2,630	.090	.036	.178	.040	.045	.612
1976	Oct.	727	2,718	2,750	.092	.038	.170	.042	.044	.614
1976	Nov.	877	2,881	2,420	.095	.038	.172	.048	.046	.601
1976	Dec.	833	2,586	2,280	.095	.038	.173	.052	.047	.595
1977	Jan.	641	2,011	2,310	.093	.037	.175	.053	.048	.594
1977	Feb.	972	2,266	1,710	.098	.037	.178	.074	.054	.558
1977	Mar.	2,370	4,834	1,500	.106	.037	.176	.082	.054	.546
1977	Apr.	2,610	4,209	1,190	.107	.036	.176	.106	.059	.516
1977	May	721	2,265	2,310	.094	.038	.174	.052	.048	.595
1977	June	1,480	3,308	1,640	.101	.037	.176	.075	.053	.558
1977	July	878	2,327	1,950	.098	.037	.173	.062	.049	.581
1977	Aug.	667	1,688	1,860	.096	.037	.176	.066	.051	.574

1977	Sept.	488	1,657	2,500	.090	.037	.173	.048	.047	.605
1977	Oct.	686	2,225	2,390	.095	.039	.171	.051	.045	.600
1977	Nov.	866	2,525	2,140	.098	.038	.172	.057	.047	.588
1977	Dec.	936	2,608	2,050	.099	.038	.172	.061	.048	.583
1978	Jan.	722	1,492	1,520	.106	.037	.171	.090	.054	.543
1978	Feb.	1,150	1,960	1,250	.111	.035	.171	.109	.056	.517
1978	Mar.	7,083	8,377	870	.120	.032	.169	.149	.059	.470
1978	Apr.	5,254	5,976	836	.119	.032	.168	.156	.060	.465
1978	May	17,750	13,000	538	.124	.028	.157	.238	.063	.390
1978	June	42,370	30,210	524	.127	.028	.159	.234	.063	.389
1978	July	5,492	9,853	1,320	.113	.035	.175	.092	.053	.532
1978	Aug.	2,384	5,528	1,700	.105	.037	.174	.071	.049	.564
1978	Sept.	1,892	5,316	2,070	.100	.037	.173	.056	.046	.586
1978	Oct.	1,105	3,914	2,610	.096	.038	.170	.053	.040	.604
1978	Nov.	1,210	3,641	2,210	.100	.038	.170	.061	.042	.588
1978	Dec.	1,478	3,545	1,760	.108	.039	.169	.076	.047	.562
1979	Jan.	1,031	2,125	1,510	.115	.041	.163	.089	.052	.541
1979	Feb.	2,541	3,803	1,100	.120	.038	.167	.115	.054	.506
1979	Mar.	7,353	9,334	933	.120	.036	.172	.129	.054	.489
1979	Apr.	4,286	6,097	1,050	.119	.037	.170	.119	.053	.502
1979	May	4,221	5,839	1,020	.118	.037	.169	.120	.053	.504
1979	June	4,838	8,082	1,230	.112	.036	.175	.102	.049	.527
1979	July	1,740	4,446	1,880	.104	.038	.171	.071	.045	.571
1979	Aug.	1,090	2,880	1,940	.103	.038	.169	.069	.044	.577
1979	Sept.	238	1,212	3,740	.090	.041	.159	.039	.038	.634
1979	Oct.	381	1,574	3,030	.096	.039	.162	.046	.039	.619
1979	Nov.	789	2,598	2,420	.100	.039	.167	.056	.042	.596
1979	Dec.	873	2,191	2,191	.107	.040	.165	.072	.047	.569
1980	Jan.	1,240	1,893	1,120	.117	.040	.161	.111	.056	.515
1980	Feb.	4,921	5,568	832	.116	.037	.171	.142	.057	.477
1980	Mar.	9,053	11,220	911	.113	.036	.177	.132	.054	.489
1980	Apr.	9,503	7,016	543	.122	.036	.161	.199	.064	.419
1980	May	28,300	16,670	433	.119	.033	.161	.235	.064	.387
1980	June	17,790	18,920	782	.113	.035	.178	.148	.055	.472
1980	July	8,942	13,820	1,140	.106	.035	.184	.109	.048	.517
1980	Aug.	1,168	3,276	2,060	.103	.039	.169	.065	.044	.580
1980	Sept.	1,061	3,293	2,280	.100	.038	.170	.059	.042	.590
1980	Oct.	1,436	4,101	2,100	.103	.038	.168	.067	.040	.584
1980	Nov.	1,371	3,608	1,940	.106	.039	.167	.073	.042	.573
1980	Dec.	1,835	3,915	1,570	.110	.039	.168	.087	.046	.551
1981	Jan.	1,626	3,709	1,680	.109	.039	.167	.082	.045	.558
1981	Feb.	2,018	3,731	1,360	.111	.039	.171	.097	.048	.535
1981	Mar.	1,968	3,745	1,400	.112	.039	.168	.095	.048	.537
1981	Apr.	4,239	5,182	899	.117	.038	.171	.134	.055	.484
1981	May	4,078	4,876	879	.118	.039	.169	.136	.055	.483
1981	June	20,650	15,690	559	.114	.035	.176	.181	.057	.437
1981	July	4,397	8,578	1,430	.106	.037	.177	.091	.045	.543
1981	Aug.	952	2,882	2,230	.104	.039	.164	.065	.041	.587
1981	Sept.	772	2,617	2,490	.102	.039	.162	.059	.039	.599
1981	Oct.	1,323	3,712	2,060	.103	.039	.165	.067	.041	.584
1981	Nov.	1,367	3,468	1,870	.106	.040	.166	.074	.042	.572
1981	Dec.	1,634	3,531	1,590	.109	.040	.167	.085	.045	.553
1982	Jan.	1,563	3,002	1,410	.112	.041	.166	.095	.047	.539
1982	Feb.	6,024	6,512	795	.115	.037	.176	.151	.059	.461

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 31. 09222000 Blacks Fork near Lyman, Wyo., water years 1963 through 1983--Continued										
1982	Mar.	8,228	10,820	967	0.112	0.037	0.180	0.129	0.057	0.486
1982	Apr.	6,250	6,201	730	.117	.038	.173	.162	.060	.450
1982	May	9,562	6,359	489	.119	.037	.167	.220	.067	.391
1982	June	18,770	20,910	819	.111	.035	.185	.146	.061	.463
1982	July	14,540	19,500	986	.108	.035	.186	.124	.058	.489
1982	Aug.	5,548	9,967	1,320	.107	.037	.178	.098	.050	.529
1982	Sept.	8,674	12,540	1,060	.107	.035	.182	.115	.054	.506
1982	Oct.	18,520	14,500	576	.116	.035	.177	.194	.066	.411
1982	Nov.	13,000	10,500	594	.116	.036	.174	.188	.064	.422
1982	Dec.	5,915	6,787	844	.117	.038	.174	.146	.058	.468
1983	Jan.	5,016	5,389	790	.118	.039	.171	.154	.059	.458
1983	Feb.	2,904	3,595	910	.118	.040	.169	.138	.055	.479
1983	Mar.	13,030	14,470	817	.112	.036	.181	.146	.060	.465
1983	Apr.	19,640	15,690	588	.114	.035	.178	.188	.066	.419
1983	May	38,130	23,250	448	.113	.033	.177	.228	.071	.379
1983	June	132,900	44,170	244	.108	.028	.163	.340	.081	.281
1983	July	33,660	27,250	595	.112	.033	.183	.184	.066	.422
1983	Aug.	22,900	24,400	784	.111	.034	.186	.150	.062	.457
1983	Sept.	19,210	15,880	608	.114	.034	.180	.184	.066	.422
Site 32. 09224700 Blacks Fork near Little America, Wyo., water years 1955 through 1983.										
1954	Oct.	61	159	1,900	.095	.038	.176	.079	.065	.548
1954	Nov.	500	814	1,200	.111	.042	.168	.106	.072	.501
1954	Dec.	61	159	1,900	.095	.038	.176	.079	.065	.548
1955	Jan.	0	0	--	--	--	--	--	--	--
1955	Feb.	6	21	2,830	.081	.034	.181	.060	.059	.585
1955	Mar.	5,058	5,717	831	.124	.045	.160	.134	.077	.460
1955	Apr.	15,990	15,620	718	.130	.046	.156	.146	.078	.443
1955	May	30,880	27,040	644	.134	.047	.153	.156	.079	.430
1955	June	28,970	25,280	642	.134	.047	.153	.156	.079	.430
1955	July	3,380	4,116	895	.121	.045	.162	.128	.075	.469
1955	Aug.	2,535	3,094	898	.121	.044	.162	.127	.075	.471
1955	Sept.	701	884	927	.120	.044	.163	.125	.075	.474
1955	Oct.	342	614	1,320	.107	.041	.170	.100	.070	.511
1955	Nov.	1,265	1,913	1,110	.114	.043	.166	.112	.073	.492
1955	Dec.	3,723	4,671	923	.121	.044	.162	.126	.075	.472
1956	Jan.	5,385	6,415	876	.122	.045	.161	.130	.076	.466
1956	Feb.	4,651	5,617	888	.122	.045	.161	.129	.076	.467
1956	Mar.	29,600	24,550	610	.135	.048	.152	.160	.080	.425

1956	Apr.	37,580	31,480	616	.135	.048	.152	.160	.080	.425
1956	May	77,750	57,570	544	.140	.048	.149	.172	.081	.411
1956	June	51,310	39,740		.138	.044	.150	.167	.081	.416
1956	July	3,461	4,299	913	.121	.044	.162	.126	.075	.471
1956	Aug.	1,873	2,360	927	.120	.044	.163	.125	.075	.474
1956	Sept.	31	68		.1630	.039	.174	.086	.067	.535
1957	Oct.	2,168	3,738	1,270	.110	.040	.175	.093	.066	.517
1957	Nov.	3,570	5,470	1,130	.113	.040	.174	.106	.067	.500
1957	Dec.	2,638	4,364	1,220	.111	.040	.174	.097	.066	.511
1958	Jan.	1,230	2,446	1,460	.106	.041	.175	.079	.065	.535
1958	Feb.	3,055	4,686	1,130	.113	.040	.174	.105	.067	.501
1958	Mar.	6,149	8,347	998	.116	.039	.173	.120	.068	.483
1958	Apr.	24,840	23,600	699	.124	.037	.167	.174	.069	.430
1958	May	92,100	64,280	513	.128	.034	.158	.233	.068	.379
1958	June	47,290	37,620	585	.126	.035	.162	.207	.069	.401
1958	July	3,017	4,626	1,130	.112	.040	.174	.105	.067	.502
1958	Aug.	304	827	2,000	.096	.041	.174	.055	.061	.572
1958	Sept.	71	270	2,780	.086	.041	.171	.037	.057	.608
1958	Oct.	4	20	4,140	.070	.040	.161	.022	.046	.661
1958	Nov.	475	1,181	1,830	.098	.042	.172	.059	.059	.571
1958	Dec.	2,160	3,750	1,280	.110	.041	.172	.089	.065	.522
1959	Jan.	764	1,659	1,600	.102	.042	.172	.069	.061	.554
1959	Feb.	2,083	3,537	1,250	.111	.041	.172	.091	.065	.519
1959	Mar.	10,050	11,900	871	.122	.040	.169	.135	.070	.464
1959	Apr.	16,230	16,990	770	.126	.040	.167	.153	.071	.444
1959	May	22,560	22,030	718	.128	.039	.165	.164	.071	.433
1959	June	35,920	30,690	628	.131	.038	.162	.188	.072	.410
1959	July	14,740	13,710	684	.127	.039	.163	.172	.071	.429
1959	Aug.	1,501	2,726	1,340	.108	.041	.172	.084	.064	.530
1959	Sept.	7,338	7,861	788	.124	.040	.167	.149	.070	.450
1959	Oct.	4,457	6,184	1,020	.112	.041	.172	.118	.069	.487
1959	Nov.	3,673	5,376	1,080	.111	.041	.173	.112	.068	.495
1959	Dec.	1,874	3,145	1,230	.105	.042	.175	.097	.066	.515
1960	Jan.	0	0		--	--	--	--	--	--
1960	Feb.	0	0		--	--	--	--	--	--
1960	Mar.	37,430	28,980	569	.132	.038	.158	.206	.076	.391
1960	Apr.	39,770	35,430	655	.128	.039	.162	.182	.075	.414
1960	May	36,000	33,010	674	.127	.039	.163	.177	.074	.419
1960	June	22,080	21,780	725	.125	.039	.165	.165	.074	.432
1960	July	1,733	2,865	1,220	.106	.042	.175	.099	.066	.514
1960	Aug.	47	139	2,180	.082	.042	.176	.052	.055	.593
1960	Sept.	0	0		--	--	--	--	--	--
1960	Oct.	2	8	3,670	.061	.041	.174	.032	.043	.650
1960	Nov.	54	157	2,140	.079	.042	.176	.055	.052	.596
1960	Dec.	378	851	1,650	.090	.043	.176	.071	.058	.562
1961	Jan.	436	951	1,600	.091	.043	.176	.074	.058	.558
1961	Feb.	591	1,177	1,460	.095	.043	.175	.080	.060	.547
1961	Mar.	7,547	8,317	810	.120	.042	.166	.138	.070	.464
1961	Apr.	8,464	9,335	811	.120	.042	.166	.138	.070	.463
1961	May	4,142	5,422	963	.113	.042	.170	.119	.067	.489
1961	June	2,008	2,923	1,070	.108	.043	.171	.108	.065	.505
1961	July	93	3	2,870	.069	.042	.175	.041	.047	.627
1961	Aug.	458	737	1,180	.103	.043	.173	.098	.063	.520
1961	Sept.	1,273	1,857	1,070	.108	.043	.171	.108	.065	.505

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 32. 09224700 Blacks Fork near Little America, Wyo., water years 1955 through 1983--Continued											
1961	Oct.	2,091	3,171	1,120	0.104	0.044	0.169	0.107	0.066	0.510	
1961	Nov.	2,555	3,718	1,070	.105	.044	.168	.111	.067	.505	
1961	Dec.	2,495	3,672	1,080	.105	.044	.169	.110	.066	.506	
1962	Jan.	1,525	2,453	1,180	.101	.044	.171	.102	.065	.517	
1962	Feb.	8,698	9,344	790	.117	.044	.160	.141	.072	.466	
1962	Mar.	30,240	18,780	457	.137	.043	.141	.211	.078	.390	
1962	Apr.	79,800	55,070	507	.134	.043	.145	.196	.078	.403	
1962	May	62,520	46,850	551	.132	.044	.148	.185	.077	.415	
1962	June	55,740	42,460	560	.131	.044	.149	.183	.077	.417	
1962	July	12,240	12,490	750	.119	.044	.158	.147	.072	.459	
1962	Aug.	1,976	2,994	1,110	.104	.044	.169	.107	.066	.510	
1962	Sept.	254	551	1,590	.090	.043	.176	.079	.059	.552	
1962	Oct.	1,272	2,216	1,280	.109	.044	.144	.070	.052	.580	
1962	Nov.	1,785	2,887	1,190	.117	.045	.144	.081	.053	.560	
1962	Dec.	2,067	3,239	1,150	.120	.045	.144	.086	.053	.552	
1963	Jan.	570	1,132	1,460	.094	.042	.143	.052	.050	.618	
1963	Feb.	3,981	5,178	956	.138	.047	.140	.120	.054	.502	
1963	Mar.	5,296	6,651	924	.142	.047	.139	.128	.054	.491	
1963	Apr.	14,420	14,650	747	.164	.047	.131	.184	.053	.421	
1963	May	17,560	16,800	703	.168	.047	.128	.200	.052	.405	
1963	June	30,470	25,690	620	.178	.046	.120	.242	.050	.363	
1963	July	3,720	4,923	973	.135	.046	.140	.115	.053	.510	
1963	Aug.	464	979	1,550	.089	.041	.143	.047	.050	.630	
1963	Sept.	4,795	5,784	887	.142	.047	.137	.133	.053	.488	
1963	Oct.	1,878	3,057	1,200	--	--	--	--	--	--	
1963	Nov.	2,711	4,008	1,090	--	--	--	--	--	--	
1963	Dec.	1,480	2,542	1,260	--	--	--	--	--	--	
1964	Jan.	1,511	2,585	1,260	--	--	--	--	--	--	
1964	Feb.	1,551	2,602	1,230	--	--	--	--	--	--	
1964	Mar.	2,083	3,308	1,170	--	--	--	--	--	--	
1964	Apr.	18,250	17,410	701	--	--	--	--	--	--	
1964	May	75,440	50,870	496	--	--	--	--	--	--	
1964	June	91,530	60,510	486	--	--	--	--	--	--	
1964	July	15,110	14,220	692	--	--	--	--	--	--	
1964	Aug.	1,223	2,131	1,280	--	--	--	--	--	--	
1964	Sept.	177	486	2,030	--	--	--	--	--	--	
1964	Oct.	646	1,445	1,640	.058	.036	.199	.066	.067	.574	
1964	Nov.	1,357	2,464	1,340	.069	.038	.196	.085	.071	.541	
1964	Dec.	5,423	9,977	1,350	.076	.039	.214	.108	.085	.478	
1965	Jan.	5,613	7,785	1,020	.087	.041	.192	.122	.078	.479	

1965	Feb.	8,053	7,408	676	.108	.044	.172	.162	.075	.439
1965	Mar.	12,240	11,420	686	.110	.044	.174	.169	.077	.426
1965	Apr.	41,960	25,370	445	.137	.044	.153	.238	.076	.351
1965	May	110,600	57,110	380	.148	.043	.147	.276	.078	.309
1965	June	197,000	100,400	375	.149	.042	.149	.291	.083	.286
1965	July	65,100	48,240	545	.127	.043	.170	.222	.084	.354
1965	Aug.	25,960	24,710	700	.111	.043	.181	.178	.083	.403
1965	Sept.	17,060	16,470	710	.110	.043	.178	.171	.080	.417
1965	Oct.	15,570	16,430	776	.103	.043	.187	.157	.078	.433
1965	Nov.	10,720	13,150	902	.094	.042	.193	.139	.077	.455
1965	Dec.	9,521	9,700	749	.101	.043	.182	.156	.074	.444
1966	Jan.	7,498	7,861	771	.099	.043	.181	.153	.073	.452
1966	Feb.	5,593	5,332	701	.102	.043	.174	.162	.072	.447
1966	Mar.	41,120	27,720	496	.132	.044	.161	.226	.079	.358
1966	Apr.	41,380	24,200	430	.139	.044	.150	.246	.076	.346
1966	May	43,480	23,530	398	.143	.043	.145	.258	.075	.336
1966	June	11,740	13,380	838	.097	.042	.191	.146	.076	.448
1966	July	2,801	5,784	1,520	.065	.039	.213	.085	.070	.528
1966	Aug.	4,286	5,631	966	.087	.041	.196	.128	.074	.474
1966	Sept.	637	1,571	1,810	.053	.036	.208	.066	.061	.575
1966	Oct.	4,048	7,139	1,300	.072	.037	.208	.099	.065	.518
1966	Nov.	2,636	4,457	1,240	.072	.038	.203	.103	.064	.519
1966	Dec.	2,862	4,987	1,280	.071	.038	.204	.101	.064	.521
1967	Jan.	3,344	5,662	1,250	.073	.038	.204	.104	.065	.516
1967	Feb.	4,233	5,104	887	.089	.041	.188	.138	.068	.475
1967	Mar.	21,590	18,790	640	.117	.043	.174	.182	.074	.410
1967	Apr.	16,040	14,060	645	.113	.043	.174	.180	.073	.417
1967	May	65,650	32,830	368	.155	.043	.141	.265	.076	.320
1967	June	126,100	65,990	385	.160	.043	.144	.260	.078	.315
1967	July	32,020	28,160	647	.121	.042	.177	.179	.075	.406
1967	Aug.	3,483	6,751	1,430	.070	.037	.210	.093	.064	.526
1967	Sept.	1,582	3,469	1,610	.059	.035	.214	.080	.059	.553
1967	Oct.	3,257	6,112	1,380	.055	.036	.228	.114	.059	.508
1967	Nov.	3,554	6,098	1,260	.059	.036	.224	.122	.060	.499
1967	Dec.	2,489	5,956	1,760	.045	.033	.238	.092	.058	.533
1968	Jan.	2,045	4,185	1,500	.044	.034	.240	.107	.057	.519
1968	Feb.	4,235	5,900	1,020	.068	.037	.214	.140	.060	.482
1968	Mar.	9,237	11,250	896	.092	.040	.194	.156	.063	.455
1968	Apr.	16,020	18,280	839	.114	.041	.180	.158	.064	.443
1968	May	23,110	16,220	516	.143	.042	.156	.224	.061	.373
1968	June	106,800	57,590	397	.252	.042	.113	.227	.060	.306
1968	July	11,030	16,070	1,070	.094	.039	.197	.129	.063	.479
1968	Aug.	6,464	10,640	1,210	.074	.038	.210	.122	.062	.494
1968	Sept.	4,169	6,475	1,140	.064	.037	.218	.133	.060	.487
1968	Oct.	4,401	7,772	1,300	.066	.037	.216	.123	.063	.496
1968	Nov.	4,891	9,043	1,360	.067	.037	.214	.121	.064	.497
1968	Dec.	4,171	7,510	1,320	.064	.037	.217	.121	.062	.498
1969	Jan.	5,724	9,709	1,250	.071	.037	.211	.125	.064	.492
1969	Feb.	3,475	4,283	906	.074	.040	.208	.150	.060	.469
1969	Mar.	6,355	5,709	661	.100	.042	.188	.177	.060	.434
1969	Apr.	64,800	42,050	477	.179	.042	.140	.214	.064	.361
1969	May	68,660	29,480	316	.201	.044	.125	.254	.058	.318
1969	June	30,670	34,280	822	.131	.040	.168	.166	.069	.426
1969	July	7,853	10,320	966	.088	.040	.197	.148	.064	.464

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 32. 09224700 Blacks Fork near Little America, Wyo., water years 1955 through 1983--Continued										
1969	Aug.	3,138	4,871	1,140	0.066	0.038	0.217	0.130	0.060	0.489
1969	Sept.	956	2,150	1,650	.040	.034	.246	.099	.055	.525
1969	Oct.	2,836	5,807	1,510	.056	.037	.225	.113	.063	.507
1969	Nov.	2,408	6,009	1,830	.048	.035	.234	.101	.063	.519
1969	Dec.	1,964	4,333	1,620	.049	.036	.233	.104	.061	.518
1970	Jan.	1,803	3,299	1,350	.055	.037	.227	.114	.059	.509
1970	Feb.	5,730	7,833	1,010	.079	.040	.201	.143	.063	.473
1970	Mar.	7,795	9,363	883	.089	.042	.192	.157	.062	.459
1970	Apr.	12,970	14,480	821	.102	.042	.182	.168	.064	.442
1970	May	53,640	26,990	370	.182	.046	.129	.244	.057	.342
1970	June	70,480	49,730	519	.166	.045	.140	.221	.064	.365
1970	July	9,677	15,060	1,140	.082	.040	.199	.143	.066	.470
1970	Aug.	1,967	3,981	1,490	.055	.037	.227	.112	.061	.510
1970	Sept.	3,724	5,296	1,050	.079	.040	.204	.140	.062	.475
1970	Oct.	4,189	7,323	1,290	.077	.041	.199	.118	.062	.503
1970	Nov.	6,085	8,738	1,060	.089	.043	.189	.137	.063	.481
1970	Dec.	4,062	5,649	1,020	.086	.043	.192	.137	.060	.481
1971	Jan.	22,800	22,710	733	.125	.046	.158	.178	.068	.425
1971	Feb.	16,620	13,410	593	.128	.047	.156	.199	.062	.408
1971	Mar.	29,690	19,840	491	.146	.048	.144	.222	.061	.380
1971	Apr.	70,750	38,600	401	.170	.049	.126	.252	.062	.342
1971	May	135,700	65,320	354	.185	.049	.115	.271	.061	.319
1971	June	105,800	56,250	391	.176	.049	.122	.257	.062	.335
1971	July	30,250	31,340	762	.120	.045	.162	.173	.067	.433
1971	Aug.	4,699	7,265	1,140	.083	.042	.194	.129	.062	.490
1971	Sept.	4,195	6,201	1,090	.084	.043	.193	.133	.061	.486
1971	Oct.	7,154	11,390	1,170	.097	.043	.175	.113	.062	.510
1971	Nov.	7,484	12,390	1,220	.096	.042	.177	.109	.063	.514
1971	Dec.	6,171	9,415	1,120	.100	.044	.170	.120	.060	.506
1972	Jan.	5,207	7,716	1,090	.102	.045	.166	.124	.059	.504
1972	Feb.	6,536	8,378	943	.110	.046	.161	.142	.060	.481
1972	Mar.	47,060	41,570	650	.131	.047	.159	.186	.070	.407
1972	Apr.	61,560	43,480	519	.143	.048	.146	.223	.068	.372
1972	May	102,800	48,320	346	.164	.049	.120	.302	.062	.302
1972	June	113,300	67,360	437	.152	.048	.139	.250	.070	.341
1972	July	13,170	13,970	780	.121	.047	.158	.165	.063	.447
1972	Aug.	4,816	7,754	1,180	.097	.044	.171	.114	.059	.515
1972	Sept.	3,632	5,592	1,130	.099	.045	.165	.120	.057	.513
1972	Oct.	6,657	7,930	876	.118	.048	.154	.150	.063	.467
1972	Nov.	13,400	15,870	871	.113	.045	.168	.148	.070	.457

1972	Dec.	5,137	7,689	1,100	.106	.046	.164	.121	.063	.500
1973	Jan.	5,014	5,852	858	.123	.050	.147	.155	.060	.465
1973	Feb.	5,685	5,955	770	.130	.051	.142	.172	.060	.445
1973	Mar.	10,920	10,660	718	.130	.050	.146	.182	.064	.428
1973	Apr.	77,950	56,960	537	.132	.046	.156	.224	.078	.363
1973	May	85,650	45,700	392	.151	.049	.128	.291	.068	.313
1973	June	29,450	24,390	609	.131	.048	.151	.204	.070	.395
1973	July	31,260	31,400	739	.115	.044	.173	.168	.078	.422
1973	Aug.	13,940	18,920	998	.106	.044	.176	.130	.072	.472
1973	Sept.	13,500	17,040	928	.110	.045	.170	.140	.071	.464
1973	Oct.	9,668	13,590	1,030	.106	.044	.171	.122	.068	.489
1973	Nov.	10,100	14,720	1,070	.104	.043	.174	.116	.069	.494
1973	Dec.	8,662	10,850	921	.112	.047	.163	.140	.067	.471
1974	Jan.	6,401	7,906	808	.114	.049	.158	.145	.065	.469
1974	Feb.	6,833	7,596	817	.119	.050	.154	.161	.065	.452
1974	Mar.	36,850	30,070	600	.129	.047	.155	.197	.069	.403
1974	Apr.	34,730	30,700	650	.122	.045	.161	.180	.070	.422
1974	May	104,300	55,020	388	.143	.047	.136	.279	.067	.328
1974	June	68,250	43,340	467	.137	.047	.145	.239	.068	.363
1974	July	12,070	14,680	894	.113	.046	.166	.141	.068	.467
1974	Aug.	3,852	5,961	1,140	.103	.046	.165	.116	.065	.506
1974	Sept.	1,470	3,084	1,540	.091	.045	.167	.088	.061	.547
1974	Oct.	2,880	5,521	1,410	.089	.042	.177	.086	.063	.542
1974	Nov.	4,376	7,770	1,310	.093	.043	.177	.094	.064	.528
1974	Dec.	3,477	6,201	1,310	.093	.043	.176	.093	.064	.532
1975	Jan.	3,176	4,841	1,120	.097	.045	.171	.105	.064	.518
1975	Feb.	4,810	5,511	842	.112	.049	.163	.139	.066	.472
1975	Mar.	11,580	12,420	789	.114	.047	.165	.151	.067	.456
1975	Apr.	12,620	15,200	885	.111	.045	.170	.138	.067	.469
1975	May	55,970	33,510	440	.138	.047	.144	.251	.068	.353
1975	June	107,200	61,840	424	.140	.046	.144	.262	.068	.340
1975	July	82,920	58,880	522	.132	.045	.154	.222	.069	.377
1975	Aug.	13,140	19,610	1,100	.100	.042	.179	.113	.066	.500
1975	Sept.	3,798	7,410	1,430	.089	.041	.180	.086	.063	.542
1975	Oct.	10,500	13,650	956	.108	.044	.171	.128	.067	.482
1975	Nov.	12,750	13,210	762	.115	.046	.164	.156	.066	.452
1975	Dec.	10,030	12,380	908	.110	.045	.170	.132	.068	.475
1976	Jan.	7,504	8,243	808	.112	.047	.167	.141	.068	.466
1976	Feb.	8,408	8,301	726	.114	.047	.164	.156	.067	.452
1976	Mar.	26,620	20,010	553	.123	.046	.152	.210	.063	.405
1976	Apr.	31,890	21,020	485	.125	.046	.147	.234	.061	.386
1976	May	74,720	35,220	347	.130	.045	.131	.309	.055	.330
1976	June	28,280	23,100	601	.122	.046	.155	.199	.063	.415
1976	July	7,995	8,544	786	.112	.047	.166	.146	.067	.461
1976	Aug.	3,201	4,274	982	.104	.046	.173	.113	.070	.494
1976	Sept.	1,152	1,892	1,210	.094	.045	.178	.085	.072	.526
1976	Oct.	1,470	2,933	1,470	.097	.043	.174	.078	.069	.539
1976	Nov.	1,989	3,512	1,300	.102	.044	.172	.088	.069	.525
1976	Dec.	1,912	3,785	1,460	.099	.044	.173	.081	.070	.533
1977	Jan.	1,162	2,359	1,490	.095	.043	.174	.074	.069	.544
1977	Feb.	1,553	2,884	1,370	.099	.044	.173	.083	.069	.532
1977	Mar.	4,173	6,087	1,070	.110	.045	.169	.110	.068	.499
1977	Apr.	5,338	7,155	986	.113	.045	.167	.120	.067	.487
1977	May	1,297	3,302	1,870	.092	.042	.175	.066	.071	.554

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 32. 09224700 Blacks Fork near Little America, Wyo., water years 1955 through 1983--Continued											
1977	June	834	2,460	2,170	0.087	0.042	0.176	0.057	0.071	0.567	
1977	July	268	711	1,950	.083	.041	.176	.053	.069	.577	
1977	Aug.	697	1,558	1,640	.091	.042	.175	.066	.069	.556	
1977	Sept.	295	776	1,930	.084	.041	.177	.053	.069	.576	
1977	Oct.	1,921	2,974	1,140	.102	.042	.166	.097	.062	.530	
1977	Nov.	1,059	3,078	2,140	.092	.041	.171	.055	.064	.577	
1977	Dec.	1,396	3,315	1,750	.097	.042	.171	.067	.064	.559	
1978	Jan.	1,129	2,487	1,620	.096	.042	.173	.070	.064	.555	
1978	Feb.	2,436	3,712	1,120	.109	.044	.168	.102	.063	.514	
1978	Mar.	18,700	16,160	635	.134	.044	.150	.184	.056	.432	
1978	Apr.	25,360	17,660	512	.137	.044	.145	.217	.054	.403	
1978	May	63,030	37,430	437	.144	.043	.135	.256	.051	.370	
1978	June	79,900	46,790	431	.147	.042	.133	.263	.050	.366	
1978	July	13,610	13,970	755	.130	.044	.154	.159	.058	.455	
1978	Aug.	4,001	5,072	932	.115	.044	.165	.122	.062	.493	
1978	Sept.	2,412	4,088	1,250	.109	.043	.167	.095	.063	.523	
1978	Oct.	2,122	3,788	1,310	.104	.043	.168	.088	.055	.542	
1978	Nov.	2,245	4,031	1,320	.105	.043	.168	.089	.054	.542	
1978	Dec.	2,319	4,029	1,280	.105	.043	.168	.091	.055	.538	
1979	Jan.	1,390	2,793	1,480	.100	.042	.168	.079	.053	.557	
1979	Feb.	3,941	5,521	1,030	.113	.044	.167	.111	.057	.509	
1979	Mar.	23,580	23,880	744	.127	.044	.162	.151	.057	.459	
1979	Apr.	22,140	20,220	672	.128	.044	.162	.162	.060	.443	
1979	May	38,440	30,390	581	.133	.044	.160	.183	.060	.420	
1979	June	13,110	13,410	752	.124	.044	.164	.147	.059	.462	
1979	July	3,072	4,910	1,180	.108	.043	.168	.098	.056	.527	
1979	Aug.	2,600	4,280	1,210	.107	.043	.168	.095	.055	.532	
1979	Sept.	677	1,597	1,730	.093	.041	.167	.067	.051	.580	
1979	Oct.	433	1,019	1,730	.088	.043	.171	.064	.051	.583	
1979	Nov.	972	1,987	1,500	.094	.044	.171	.075	.053	.563	
1979	Dec.	1,587	2,911	1,350	.098	.044	.171	.084	.054	.548	
1980	Jan.	2,089	3,529	1,240	.101	.044	.170	.092	.055	.537	
1980	Feb.	6,809	8,095	874	.114	.044	.166	.131	.059	.486	
1980	Mar.	29,080	25,880	654	.125	.044	.160	.172	.061	.438	
1980	Apr.	51,210	34,520	496	.129	.043	.154	.211	.063	.399	
1980	May	103,600	69,150	491	.134	.043	.151	.224	.062	.387	
1980	June	54,210	42,120	571	.130	.044	.156	.196	.062	.413	
1980	July	18,950	18,650	724	.122	.044	.162	.158	.060	.454	
1980	Aug.	3,681	6,050	1,210	.105	.044	.168	.098	.055	.530	
1980	Sept.	2,906	4,832	1,220	.104	.044	.169	.095	.055	.532	

1980	Oct.	3,753	6,227	1,220	.106	.045	.170	.097	.057	.526
1980	Nov.	4,183	6,584	1,160	.107	.045	.170	.101	.058	.520
1980	Dec.	4,326	6,530	1,110	.107	.045	.170	.104	.058	.516
1981	Jan.	3,106	5,120	1,210	.104	.045	.172	.094	.057	.528
1981	Feb.	4,699	6,252	978	.111	.045	.168	.116	.059	.499
1981	Mar.	7,057	10,070	1,050	.111	.045	.168	.114	.058	.505
1981	Apr.	10,340	11,900	846	.117	.045	.166	.136	.060	.477
1981	May	12,940	13,090	744	.120	.045	.164	.151	.061	.459
1981	June	25,340	21,200	615	.126	.045	.158	.184	.061	.426
1981	July	5,175	8,062	1,150	.108	.045	.169	.105	.057	.516
1981	Aug.	584	1,432	1,800	.089	.043	.174	.061	.053	.580
1981	Sept.	272	896	2,420	.080	.041	.172	.045	.049	.612
1981	Oct.	1,731	3,434	1,460	.099	.045	.170	.080	.058	.548
1981	Nov.	2,938	5,365	1,340	.104	.045	.168	.090	.059	.534
1981	Dec.	3,556	7,047	1,460	.103	.044	.167	.085	.058	.543
1982	Jan.	3,053	6,769	1,630	.100	.043	.168	.077	.056	.557
1982	Feb.	8,648	9,766	830	.119	.047	.159	.147	.063	.464
1982	Mar.	12,760	14,430	831	.121	.046	.158	.151	.063	.461
1982	Apr.	24,050	16,070	491	.130	.046	.143	.238	.065	.379
1982	May	75,090	52,020	509	.137	.047	.143	.238	.065	.371
1982	June	55,580	41,380	547	.135	.047	.146	.223	.065	.385
1982	July	34,750	28,700	607	.129	.044	.145	.211	.062	.409
1982	Aug.	13,610	16,750	905	.120	.045	.157	.145	.061	.472
1982	Sept.	15,010	14,450	708	.125	.044	.149	.187	.061	.433
1982	Oct.	23,140	22,990	731	.132	.049	.147	.177	.065	.429
1982	Nov.	20,000	20,710	761	.130	.049	.149	.170	.064	.438
1982	Dec.	11,040	13,200	879	.124	.048	.153	.146	.061	.469
1983	Jan.	9,342	10,460	823	.124	.048	.149	.156	.058	.465
1983	Feb.	6,321	7,553	879	.121	.047	.151	.146	.057	.480
1983	Mar.	23,830	22,920	707	.132	.050	.149	.178	.065	.426
1983	Apr.	39,350	29,960	560	.137	.049	.137	.228	.065	.385
1983	May	111,600	60,350	398	.145	.048	.119	.308	.065	.315
1983	June	272,100	134,400	363	.151	.049	.116	.329	.070	.285
1983	July	58,370	54,520	687	.140	.052	.147	.188	.073	.400
1983	Aug.	33,310	34,200	755	.134	.050	.150	.171	.069	.425
1983	Sept.	34,280	37,480	804	.136	.052	.154	.161	.075	.422

Site 33. 09229500 Henrys Fork near Manila, Utah, water years 1955 through 1983.

1954	Oct.	510	989	1,430	.144	.071	.087	.098	.037	.563
1954	Nov.	996	1,580	1,170	.148	.071	.085	.117	.038	.541
1954	Dec.	1,537	2,184	1,040	.150	.071	.085	.129	.038	.528
1955	Jan.	1,537	2,184	1,040	.150	.071	.085	.129	.038	.528
1955	Feb.	1,666	2,247	992	.150	.071	.084	.135	.038	.522
1955	Mar.	2,767	3,321	883	.152	.071	.083	.149	.038	.508
1955	Apr.	3,783	4,101	797	.153	.071	.082	.162	.038	.495
1955	May	2,154	2,595	886	.151	.071	.083	.148	.038	.510
1955	June	5,145	4,595	657	.153	.070	.079	.188	.037	.473
1955	July	104	302	2,130	.135	.069	.089	.067	.036	.604
1955	Aug.	415	696	1,230	.144	.070	.086	.109	.037	.554
1955	Sept.	308	593	1,410	.143	.070	.086	.109	.037	.566
1955	Oct.	1,228	1,860	1,110	.149	.071	.085	.122	.038	.536
1955	Nov.	1,861	2,462	973	.151	.071	.084	.137	.038	.520

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 33. 09229500 Henrys Fork near Manila, Utah, water years 1955 through 1983--Continued										
1955	Dec.	2,083	2,664	941	0.151	0.071	0.083	0.141	0.038	0.516
1956	Jan.	2,319	2,911	923	.151	.071	.083	.143	.038	.514
1956	Feb.	2,454	2,954	885	.152	.071	.083	.148	.038	.509
1956	Mar.	4,723	4,833	752	.153	.070	.081	.170	.038	.488
1956	Apr.	4,249	4,459	772	.153	.070	.081	.166	.038	.491
1956	May	5,779	4,996	636	.153	.069	.079	.193	.037	.468
1956	June	5,953	5,112	631	.154	.069	.078	.195	.037	.467
1956	July	161	422	1,930	.138	.069	.089	.074	.037	.594
1956	Aug.	39	158	2,960	.128	.067	.090	.049	.035	.630
1956	Sept.	17	85	3,760	.122	.066	.090	.039	.034	.648
1957	Oct.	3,552	4,402	910	.151	.070	.081	.143	.029	.525
1957	Nov.	4,885	5,602	843	.151	.071	.081	.154	.030	.513
1957	Dec.	4,304	5,123	875	.151	.071	.081	.149	.030	.519
1958	Jan.	2,460	3,320	993	.150	.070	.081	.132	.029	.537
1958	Feb.	2,222	2,999	993	.150	.070	.081	.132	.029	.537
1958	Mar.	2,803	3,662	961	.150	.070	.081	.137	.029	.533
1958	Apr.	4,259	4,976	859	.151	.071	.081	.151	.030	.517
1958	May	11,300	9,857	641	.152	.071	.079	.195	.030	.473
1958	June	5,535	5,495	730	.152	.071	.080	.174	.030	.494
1958	July	67	200	2,200	.134	.063	.079	.060	.025	.638
1958	Aug.	27	99	2,730	.129	.061	.078	.048	.024	.660
1958	Sept.	39	133	2,480	.131	.062	.078	.054	.025	.650
1958	Oct.	98	222	1,670	.134	.070	.082	.081	.030	.603
1958	Nov.	1,218	1,634	987	.148	.071	.082	.131	.030	.538
1958	Dec.	3,031	3,682	893	.150	.071	.082	.144	.030	.523
1959	Jan.	2,154	2,790	953	.149	.071	.082	.136	.030	.532
1959	Feb.	1,745	2,306	972	.148	.071	.082	.134	.030	.535
1959	Mar.	3,594	4,228	865	.151	.071	.081	.148	.030	.519
1959	Apr.	5,502	5,811	777	.153	.070	.081	.162	.030	.504
1959	May	4,118	4,667	833	.152	.070	.081	.153	.030	.514
1959	June	12,970	11,680	662	.156	.069	.079	.186	.030	.480
1959	July	4,096	4,062	729	.153	.070	.080	.170	.030	.497
1959	Aug.	392	663	1,240	.142	.071	.082	.106	.030	.569
1959	Sept.	145	290	1,470	.137	.071	.082	.091	.030	.589
1959	Oct.	2,046	2,580	927	.152	.069	.081	.140	.029	.529
1959	Nov.	3,130	3,741	879	.154	.069	.081	.147	.030	.521
1959	Dec.	2,874	3,510	898	.153	.069	.081	.144	.029	.524
1960	Jan.	2,388	3,014	928	.152	.069	.081	.140	.029	.528
1960	Feb.	2,045	2,617	941	.152	.069	.081	.138	.029	.530
1960	Mar.	7,343	6,937	695	.159	.067	.078	.179	.030	.488
1960	Apr.	3,396	3,935	852	.155	.068	.080	.151	.030	.517

1960	May	8,928	8,798	725	.158	.067	.079	.173	.030	.493
1960	June	10,260	9,489	680	.159	.067	.078	.182	.030	.484
1960	July	86	180	1,530	.137	.070	.083	.088	.028	.594
1960	Aug.	9	29	2,460	.121	.069	.083	.056	.026	.645
1960	Sept.	28	75	2,000	.128	.069	.083	.069	.027	.624
1960	Oct.	99	210	1,570	.135	.071	.084	.089	.028	.594
1960	Nov.	1,315	1,742	974	.152	.069	.081	.135	.029	.534
1960	Dec.	1,906	2,439	941	.153	.068	.081	.140	.029	.529
1961	Jan.	1,571	2,079	973	.152	.069	.081	.136	.029	.533
1961	Feb.	1,700	2,180	943	.153	.068	.081	.139	.029	.529
1961	Mar.	3,608	4,112	838	.157	.068	.080	.154	.029	.512
1961	Apr.	5,048	5,118	746	.160	.067	.078	.169	.029	.497
1961	May	2,921	3,148	792	.158	.067	.079	.161	.029	.506
1961	June	3,042	3,251	786	.159	.067	.079	.162	.029	.504
1961	July	14	42	2,180	.123	.071	.084	.065	.027	.630
1961	Aug.	881	1,130	944	.153	.068	.081	.139	.029	.530
1961	Sept.	4,491	4,819	789	.159	.067	.079	.162	.029	.504
1961	Oct.	6,077	6,577	796	.165	.064	.076	.164	.028	.501
1961	Nov.	4,701	5,335	835	.164	.065	.077	.158	.028	.508
1961	Dec.	3,068	3,748	898	.161	.065	.078	.148	.028	.520
1962	Jan.	3,669	4,352	872	.162	.065	.078	.152	.028	.515
1962	Feb.	3,949	4,542	846	.163	.065	.077	.156	.028	.511
1962	Mar.	5,992	6,242	766	.166	.064	.076	.169	.028	.496
1962	Apr.	10,110	10,090	734	.169	.063	.075	.176	.029	.489
1962	May	11,800	11,430	712	.169	.063	.075	.181	.029	.484
1962	June	20,460	17,890	643	.173	.061	.073	.196	.029	.467
1962	July	7,678	7,912	758	.167	.063	.076	.171	.028	.494
1962	Aug.	1,758	2,291	958	.158	.066	.079	.140	.028	.530
1962	Sept.	145	290	1,470	.140	.069	.083	.094	.026	.588
1962	Oct.	1,898	2,291	888	.155	.071	.072	.133	.026	.543
1962	Nov.	2,777	3,280	868	.160	.069	.072	.139	.026	.533
1962	Dec.	2,083	2,610	921	.153	.072	.072	.127	.026	.550
1963	Jan.	1,547	2,076	987	.146	.075	.071	.114	.026	.568
1963	Feb.	1,416	1,896	984	.146	.075	.071	.114	.026	.568
1963	Mar.	2,910	3,384	855	.161	.069	.072	.142	.026	.530
1963	Apr.	3,267	3,720	837	.164	.068	.073	.147	.026	.523
1963	May	2,412	2,920	890	.157	.071	.072	.134	.026	.541
1963	June	4,509	4,550	742	.174	.063	.072	.173	.025	.492
1963	July	854	1,095	943	.144	.075	.070	.117	.025	.569
1963	Aug.	643	869	994	.137	.078	.069	.106	.025	.585
1963	Sept.	736	1,105	1,100	.131	.080	.069	.093	.025	.601
1963	Oct.	802	1,145	1,050	--	--	--	--	--	--
1963	Nov.	2,567	2,987	856	--	--	--	--	--	--
1963	Dec.	2,114	2,587	900	--	--	--	--	--	--
1964	Jan.	2,083	2,556	902	--	--	--	--	--	--
1964	Feb.	2,602	3,009	850	--	--	--	--	--	--
1964	Mar.	3,201	3,593	825	--	--	--	--	--	--
1964	Apr.	6,173	5,930	706	--	--	--	--	--	--
1964	May	15,970	11,960	551	--	--	--	--	--	--
1964	June	26,420	18,910	526	--	--	--	--	--	--
1964	July	8,422	7,404	646	--	--	--	--	--	--
1964	Aug.	652	1,000	1,130	--	--	--	--	--	--
1964	Sept.	119	249	1,540	--	--	--	--	--	--
1964	Oct.	1,000	1,801	1,320	.136	.080	.071	.129	.025	.560

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 33. 09229500 Henrys Fork near Manila, Utah, water years 1955 through 1983--Continued											
1964	Nov.	1,980	2,929	1,090	0.142	0.078	0.070	0.144	0.026	0.539	
1964	Dec.	3,761	4,570	894	.150	.077	.069	.160	.028	.517	
1965	Jan.	3,902	4,536	855	.150	.077	.069	.163	.028	.514	
1965	Feb.	3,299	3,454	770	.149	.079	.069	.169	.028	.506	
1965	Mar.	4,860	5,233	792	.152	.077	.068	.169	.028	.505	
1965	Apr.	5,830	4,866	614	.154	.078	.067	.186	.029	.485	
1965	May	10,030	7,097	520	.160	.076	.066	.203	.030	.464	
1965	June	74,920	46,270	454	.186	.063	.062	.233	.032	.425	
1965	July	36,380	19,240	389	.172	.071	.063	.236	.032	.425	
1965	Aug	19,870	12,960	480	.167	.073	.065	.215	.031	.450	
1965	Sept.	10,120	9,294	675	.160	.074	.067	.185	.029	.485	
1965	Oct.	8,210	8,116	727	.161	.073	.069	.184	.028	.486	
1965	Nov.	5,776	6,202	790	.156	.075	.069	.174	.027	.499	
1965	Dec.	4,889	5,250	790	.154	.076	.069	.172	.027	.502	
1966	Jan.	3,669	4,038	809	.150	.078	.069	.167	.027	.509	
1966	Feb.	3,217	3,300	754	.150	.078	.069	.172	.028	.503	
1966	Mar.	4,586	4,299	689	.154	.077	.069	.181	.028	.491	
1966	Apr.	4,572	4,343	698	.154	.077	.069	.180	.028	.492	
1966	May	8,329	5,179	457	.162	.075	.069	.216	.029	.449	
1966	June	2,052	2,092	750	.145	.081	.070	.167	.027	.510	
1966	July	1,266	1,497	870	.139	.082	.070	.152	.027	.531	
1966	Aug.	1,789	2,337	961	.147	.077	.069	.154	.026	.527	
1966	Sept.	1,073	1,443	989	.137	.082	.070	.143	.026	.542	
1966	Oct.	3,255	3,895	880	.149	.076	.069	.156	.026	.523	
1966	Nov.	3,824	4,379	842	.152	.076	.069	.160	.026	.517	
1966	Dec.	3,630	4,060	823	.151	.077	.069	.162	.027	.515	
1967	Jan.	3,735	3,954	778	.151	.077	.069	.167	.027	.509	
1967	Feb.	2,692	2,643	722	.148	.080	.070	.173	.028	.501	
1967	Mar.	4,187	3,871	680	.153	.078	.070	.179	.028	.492	
1967	Apr.	2,769	2,936	780	.148	.079	.070	.166	.027	.510	
1967	May	7,012	4,344	456	.161	.076	.069	.217	.028	.448	
1967	June	24,010	12,520	383	.179	.069	.068	.245	.028	.411	
1967	July	12,100	8,791	534	.168	.072	.069	.205	.027	.460	
1967	Aug.	3,505	4,021	844	.152	.075	.069	.159	.026	.518	
1967	Sept.	1,426	2,148	1,110	.142	.077	.068	.135	.025	.552	
1967	Oct.	1,303	2,063	1,160	.139	.078	.067	.125	.025	.566	
1967	Nov.	3,158	4,305	1,000	.148	.076	.069	.139	.025	.543	
1967	Dec.	2,757	3,816	1,020	.146	.076	.068	.137	.026	.546	
1968	Jan.	3,066	3,979	954	.148	.077	.069	.144	.026	.537	
1968	Feb.	2,967	3,661	907	.149	.077	.069	.149	.026	.529	
1968	Mar.	4,191	4,770	837	.152	.076	.069	.158	.027	.518	

1968	Apr.	4,784	5,012	770	.155	.076	.069	.167	.027	.506
1968	May	4,959	4,573	678	.156	.078	.069	.182	.028	.487
1968	June	35,610	15,480	320	.174	.069	.069	.289	.029	.371
1968	July	5,935	5,299	657	.157	.077	.069	.185	.028	.484
1968	Aug.	6,952	9,168	970	.155	.070	.072	.140	.024	.540
1968	Sept.	3,396	4,478	970	.149	.076	.069	.142	.026	.539
1968	Oct.	3,076	4,221	1,010	.151	.075	.068	.138	.025	.543
1968	Nov.	3,318	4,597	1,020	.151	.075	.068	.137	.025	.544
1968	Dec.	2,930	4,024	1,010	.151	.076	.068	.138	.025	.543
1969	Jan.	3,669	5,624	1,130	.145	.070	.067	.121	.023	.573
1969	Feb.	2,725	3,268	882	.153	.077	.068	.152	.026	.524
1969	Mar.	4,437	4,773	791	.157	.076	.069	.163	.026	.509
1969	Apr.	5,693	5,150	665	.161	.076	.069	.184	.027	.484
1969	May	9,614	5,534	423	.166	.075	.068	.242	.029	.421
1969	June	7,759	7,511	712	.162	.072	.071	.174	.026	.494
1969	July	1,928	2,893	1,100	.149	.078	.067	.129	.025	.555
1969	Aug.	1,556	2,126	1,000	.148	.078	.066	.139	.026	.543
1969	Sept.	419	703	1,240	.137	.084	.062	.120	.026	.571
1969	Oct.	3,578	4,629	951	.153	.069	.069	.147	.025	.537
1969	Nov.	3,620	4,581	931	.153	.069	.069	.150	.025	.534
1969	Dec.	2,539	3,581	1,040	.151	.067	.068	.139	.025	.552
1970	Jan.	2,485	3,258	964	.152	.066	.067	.146	.025	.543
1970	Feb.	2,747	3,038	813	.156	.067	.068	.165	.026	.518
1970	Mar.	2,945	3,363	840	.155	.067	.068	.161	.026	.523
1970	Apr.	4,110	3,987	713	.159	.068	.069	.180	.027	.498
1970	May	9,584	5,572	428	.164	.069	.068	.246	.029	.423
1970	June	17,410	10,910	461	.165	.074	.071	.237	.028	.425
1970	July	7,367	7,978	796	.157	.072	.071	.167	.026	.508
1970	Aug.	2,039	3,333	1,200	.147	.066	.067	.124	.024	.572
1970	Sept.	3,479	4,774	1,010	.151	.069	.069	.140	.024	.547
1970	Oct.	4,243	5,933	1,030	.155	.076	.065	.144	.021	.539
1970	Nov.	4,739	5,761	894	.160	.072	.066	.158	.022	.522
1970	Dec.	3,886	4,517	855	.160	.067	.067	.162	.023	.521
1971	Jan.	5,861	5,821	730	.165	.071	.067	.178	.023	.496
1971	Feb.	3,491	3,742	788	.162	.065	.068	.171	.023	.511
1971	Mar.	7,990	6,360	585	.170	.069	.069	.203	.023	.465
1971	Apr.	6,625	5,993	665	.168	.069	.069	.190	.023	.482
1971	May	12,200	8,701	525	.173	.068	.069	.217	.024	.449
1971	June	38,320	16,640	319	.183	.065	.069	.285	.024	.374
1971	July	8,400	6,864	601	.170	.067	.069	.201	.023	.470
1971	Aug.	1,233	1,576	940	.156	.056	.069	.153	.023	.543
1971	Sept.	976	1,470	1,110	.151	.057	.067	.138	.023	.564
1971	Oct.	2,848	3,737	965	.153	.063	.074	.149	.024	.538
1971	Nov.	4,286	4,791	822	.158	.063	.072	.167	.024	.516
1971	Dec.	3,096	3,964	941	.154	.063	.074	.152	.024	.535
1972	Jan.	2,618	3,086	867	.159	.059	.069	.162	.022	.528
1972	Feb.	3,767	3,933	768	.161	.070	.070	.174	.023	.511
1972	Mar.	8,180	6,833	614	.168	.061	.069	.202	.022	.478
1972	Apr.	5,294	5,091	707	.164	.062	.070	.185	.023	.497
1972	May	8,596	5,074	434	.179	.054	.059	.252	.019	.436
1972	June	23,860	12,800	394	.177	.060	.064	.262	.021	.416
1972	July	959	1,301	998	.155	.056	.067	.148	.022	.552
1972	Aug.	295	469	1,170	.154	.048	.059	.135	.019	.585
1972	Sept.	918	1,388	1,110	.151	.057	.069	.137	.022	.564

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 33. 09229500 Henrys Fork near Manila, Utah, water years 1955 through 1983--Continued											
1972	Oct.	2,447	3,122	938	0.155	0.072	0.073	0.150	0.025	0.526	
1972	Nov.	3,675	4,107	822	.159	.071	.072	.165	.024	.509	
1972	Dec.	3,213	3,673	841	.159	.072	.071	.162	.024	.512	
1973	Jan.	2,735	2,910	782	.164	.075	.067	.170	.023	.503	
1973	Feb.	2,656	2,765	766	.164	.075	.067	.172	.023	.500	
1973	Mar.	6,726	6,643	726	.161	.068	.074	.180	.024	.493	
1973	Apr.	10,150	8,035	582	.167	.068	.070	.207	.022	.465	
1973	May	19,970	10,020	369	.180	.068	.060	.271	.019	.403	
1973	June	28,910	15,320	390	.174	.064	.066	.264	.020	.412	
1973	July	18,550	15,620	619	.161	.063	.079	.201	.025	.471	
1973	Aug.	8,347	8,343	735	.159	.067	.076	.178	.025	.495	
1973	Sept.	7,547	7,067	689	.163	.068	.073	.186	.024	.486	
1973	Oct.	6,206	6,368	755	.159	.070	.076	.173	.026	.497	
1973	Nov.	5,185	5,367	761	.159	.071	.075	.172	.025	.499	
1973	Dec.	3,283	3,316	743	.163	.075	.069	.173	.024	.496	
1974	Jan.	3,370	3,364	734	.164	.075	.069	.174	.024	.495	
1974	Feb.	2,858	2,919	751	.163	.075	.069	.172	.024	.498	
1974	Mar.	5,357	4,847	665	.164	.072	.071	.186	.024	.482	
1974	Apr.	5,472	4,242	570	.172	.075	.066	.205	.022	.461	
1974	May	15,450	6,688	318	.186	.072	.057	.286	.017	.383	
1974	June	6,218	4,439	525	.172	.073	.066	.214	.021	.454	
1974	July	944	1,197	932	.156	.079	.066	.146	.025	.528	
1974	Aug.	197	445	1,660	.138	.084	.063	.096	.027	.592	
1974	Sept.	262	504	1,410	.145	.085	.062	.108	.026	.574	
1974	Oct.	847	1,256	1,090	.152	.079	.069	.131	.026	.543	
1974	Nov.	2,186	2,852	959	.156	.077	.068	.147	.024	.527	
1974	Dec.	2,870	3,547	909	.158	.077	.068	.154	.024	.520	
1975	Jan.	1,942	2,230	844	.160	.077	.070	.156	.025	.512	
1975	Feb.	1,908	2,060	794	.161	.076	.071	.162	.025	.505	
1975	Mar.	3,513	3,726	780	.161	.075	.069	.169	.024	.502	
1975	Apr.	3,265	3,370	759	.162	.075	.069	.171	.024	.498	
1975	May	9,602	7,330	561	.167	.071	.067	.215	.021	.458	
1975	June	38,330	20,690	397	.171	.066	.064	.268	.018	.413	
1975	July	43,250	21,180	360	.173	.065	.065	.283	.018	.397	
1975	Aug.	5,123	5,976	858	.158	.076	.066	.164	.022	.515	
1975	Sept.	1,265	1,959	1,140	.151	.079	.068	.130	.025	.548	
1975	Oct.	2,805	3,856	1,010	.156	.076	.068	.148	.024	.529	
1975	Nov.	3,630	4,332	878	.159	.075	.068	.162	.023	.511	
1975	Dec.	3,753	4,267	836	.160	.075	.069	.166	.023	.506	
1976	Jan.	3,215	3,718	850	.159	.075	.070	.163	.024	.509	
1976	Feb.	2,624	2,881	807	.160	.075	.071	.165	.024	.504	

1976	Mar.	2,928	3,026	760	.161	.075	.072	.171	.024	.497
1976	Apr.	3,459	3,426	728	.162	.074	.072	.177	.024	.491
1976	May	6,014	4,692	574	.166	.072	.072	.206	.023	.462
1976	June	3,728	3,287	648	.163	.073	.071	.188	.023	.480
1976	July	498	979	1,450	.145	.079	.069	.108	.026	.574
1976	Aug.	640	1,216	1,400	.146	.078	.067	.113	.025	.570
1976	Sept.	190	422	1,630	.141	.080	.072	.092	.027	.589
1976	Oct.	1,001	1,640	1,200	.153	.075	.070	.128	.025	.548
1976	Nov.	2,549	3,436	991	.158	.074	.071	.154	.024	.519
1976	Dec.	2,011	2,886	1,060	.157	.074	.071	.145	.025	.529
1977	Jan.	1,313	2,110	1,180	.154	.075	.070	.131	.025	.545
1977	Feb.	1,646	2,230	996	.158	.074	.072	.149	.025	.521
1977	Mar.	2,031	2,571	931	.160	.074	.073	.157	.025	.512
1977	Apr.	1,059	1,334	926	.159	.074	.074	.153	.026	.514
1977	May	233	542	1,710	.142	.078	.070	.090	.025	.595
1977	June	1,740	1,944	822	.159	.072	.071	.173	.025	.500
1977	July	299	570	1,400	.147	.077	.070	.110	.025	.571
1977	Aug.	149	356	1,760	.141	.079	.071	.085	.026	.598
1977	Sept.	76	197	1,900	.138	.079	.072	.077	.027	.608
1977	Oct.	287	546	1,400	.147	.077	.072	.107	.025	.572
1977	Nov.	1,880	2,346	917	.159	.073	.074	.153	.025	.516
1977	Dec.	1,908	2,388	920	.159	.074	.074	.153	.025	.516
1978	Jan.	2,071	2,284	811	.163	.072	.075	.169	.025	.496
1978	Feb.	2,539	2,617	758	.164	.071	.075	.179	.025	.486
1978	Mar.	3,842	3,510	672	.166	.069	.076	.196	.025	.469
1978	Apr.	2,025	2,146	779	.163	.071	.075	.174	.025	.491
1978	May	3,475	3,263	690	.165	.070	.075	.192	.025	.473
1978	June	27,730	12,340	327	.170	.057	.073	.322	.024	.354
1978	July	1,391	1,473	779	.160	.071	.074	.172	.025	.498
1978	Aug.	237	470	1,460	.147	.077	.072	.104	.025	.575
1978	Sept.	138	294	1,570	.145	.078	.072	.097	.025	.583
1978	Oct.	650	1,167	1,320	.145	.076	.074	.108	.022	.574
1978	Nov.	1,759	2,398	913	.155	.074	.076	.139	.024	.532
1978	Dec.	1,551	1,925	1,000	.160	.073	.075	.152	.025	.516
1979	Jan.	1,410	1,670	871	.162	.072	.075	.159	.025	.507
1979	Feb.	2,087	2,225	784	.164	.071	.076	.172	.025	.492
1979	Mar.	4,538	4,021	652	.166	.069	.077	.199	.025	.463
1979	Apr.	2,793	2,806	739	.164	.071	.076	.181	.025	.483
1979	May	2,134	1,668	575	.167	.067	.075	.218	.026	.448
1979	June	1,325	1,418	787	.161	.071	.074	.170	.025	.500
1979	July	182	413	1,670	.142	.077	.068	.090	.023	.600
1979	Aug.	511	919	1,320	.145	.076	.073	.108	.022	.575
1979	Sept.	147	340	1,700	.143	.077	.067	.089	.023	.601
1979	Oct.	405	821	1,490	.142	.077	.073	.097	.023	.589
1979	Nov.	2,222	2,579	854	.162	.073	.073	.150	.025	.516
1979	Dec.	2,362	2,726	849	.162	.073	.073	.151	.025	.515
1980	Jan.	2,763	3,026	805	.163	.073	.074	.157	.026	.508
1980	Feb.	3,342	3,336	734	.165	.072	.074	.166	.026	.496
1980	Mar.	3,606	3,645	743	.165	.072	.074	.165	.026	.497
1980	Apr.	5,236	4,548	639	.168	.071	.074	.182	.027	.478
1980	May	9,713	7,106	538	.172	.069	.075	.203	.028	.453
1980	June	18,260	10,790	435	.175	.066	.074	.232	.030	.423
1980	July	5,608	4,215	553	.169	.069	.074	.197	.028	.463
1980	Aug.	754	1,202	1,170	.152	.076	.071	.120	.023	.558

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 33. 09229500 Henrys Fork near Manila, Utah, water years 1955 through 1983--Continued										
1980	Sept.	930	1,403	1,110	0.154	0.075	0.072	0.125	0.023	0.550
1980	Oct.	1,963	2,070	775	.168	.073	.071	.167	.014	.506
1980	Nov.	3,320	3,106	688	.173	.073	.071	.183	.014	.485
1980	Dec.	3,735	3,390	667	.174	.072	.071	.187	.014	.480
1981	Jan.	2,979	2,926	722	.172	.073	.071	.177	.014	.492
1981	Feb.	2,856	2,726	702	.173	.073	.071	.181	.014	.488
1981	Mar.	2,654	2,710	751	.171	.073	.071	.172	.014	.498
1981	Apr.	3,062	2,921	702	.173	.073	.071	.181	.014	.488
1981	May	2,603	2,384	673	.171	.072	.071	.183	.014	.489
1981	June	10,980	6,186	414	.183	.068	.071	.254	.013	.411
1981	July	653	1,034	1,160	.155	.075	.069	.123	.015	.563
1981	Aug.	227	487	1,570	.141	.075	.065	.095	.015	.608
1981	Sept.	350	646	1,360	.148	.075	.067	.109	.015	.586
1981	Oct.	2,612	2,823	795	.168	.074	.068	.169	.016	.506
1981	Nov.	3,223	3,270	746	.170	.073	.068	.176	.016	.496
1981	Dec.	2,430	2,709	820	.167	.074	.067	.166	.016	.510
1982	Jan.	2,358	2,649	826	.167	.074	.067	.165	.016	.511
1982	Feb.	3,539	3,329	692	.171	.073	.068	.184	.017	.486
1982	Mar.	2,955	3,092	769	.169	.074	.068	.173	.016	.501
1982	Apr.	2,083	2,382	841	.166	.074	.067	.163	.015	.514
1982	May	3,424	3,049	655	.171	.072	.068	.188	.017	.483
1982	June	10,460	7,398	520	.178	.070	.070	.221	.019	.442
1982	July	11,880	7,455	461	.179	.069	.070	.234	.019	.430
1982	Aug.	4,883	4,102	618	.173	.072	.069	.197	.017	.472
1982	Sept.	5,261	3,762	526	.175	.070	.069	.213	.018	.455
1982	Oct.	10,800	8,097	551	.171	.071	.072	.216	.021	.449
1982	Nov.	5,931	5,158	640	.169	.072	.071	.197	.019	.472
1982	Dec.	3,715	3,721	737	.166	.073	.069	.181	.017	.494
1983	Jan.	4,401	4,212	704	.167	.073	.069	.187	.018	.487
1983	Feb.	3,291	3,294	736	.166	.073	.069	.181	.017	.494
1983	Mar.	6,974	5,854	617	.169	.072	.071	.202	.020	.467
1983	Apr.	10,240	7,525	540	.171	.070	.072	.217	.022	.447
1983	May	23,660	14,410	448	.174	.068	.075	.242	.025	.416
1983	June	81,830	35,830	322	.177	.064	.077	.288	.031	.362
1983	July	25,940	15,150	429	.175	.068	.075	.248	.025	.410
1983	Aug.	13,080	9,347	526	.172	.070	.073	.222	.022	.441
1983	Sept.	7,660	6,121	588	.170	.071	.071	.207	.020	.460

Site 34. 09234500 Green River near Greendale, Utah, water years 1957 through 1983.

1956 Oct.	45,870	31,930	512	.129	.053	.137	.182	.035	.463
1956 Nov.	38,630	28,280	538	.126	.052	.139	.175	.035	.473
1956 Dec.	25,590	20,820	598	.117	.053	.140	.157	.033	.501
1957 Jan.	27,870	21,700	573	.119	.053	.140	.160	.033	.496
1957 Feb.	42,960	29,090	498	.130	.053	.137	.184	.035	.461
1957 Mar.	65,710	41,340	463	.137	.053	.135	.198	.036	.441
1957 Apr.	86,060	50,990	436	.143	.052	.134	.212	.037	.423
1957 May	271,800	121,600	329	.165	.050	.124	.271	.041	.350
1957 June	679,600	236,200	256	.181	.048	.113	.323	.043	.292
1957 July	430,100	153,000	262	.177	.050	.114	.306	.038	.314
1957 Aug.	141,800	75,240	390	.152	.052	.130	.235	.039	.392
1957 Sept.	82,120	48,540	435	.142	.052	.133	.211	.037	.424
1957 Oct.	77,000	47,760	456	.139	.052	.135	.204	.037	.432
1957 Nov.	57,010	36,220	467	.135	.053	.135	.195	.036	.446
1957 Dec.	45,660	31,360	505	.129	.053	.137	.182	.035	.464
1958 Jan.	43,400	30,220	512	.128	.053	.138	.179	.034	.468
1958 Feb.	55,080	35,180	470	.135	.053	.136	.195	.036	.446
1958 Mar.	65,940	42,700	476	.136	.052	.136	.197	.037	.442
1958 Apr.	134,200	73,610	403	.150	.051	.131	.231	.040	.396
1958 May	386,100	146,500	279	.173	.049	.117	.297	.040	.324
1958 June	334,900	120,900	265	.174	.050	.115	.298	.037	.325
1958 July	86,580	44,420	377	.149	.053	.127	.227	.033	.411
1958 Aug.	57,440	33,260	426	.140	.054	.130	.204	.032	.440
1958 Sept.	39,230	27,590	517	.127	.053	.137	.178	.034	.471
1958 Oct.	36,030	23,910	488	.116	.054	.144	.166	.038	.482
1958 Nov.	34,280	22,660	486	.116	.054	.144	.166	.038	.482
1958 Dec.	37,990	25,440	492	.117	.054	.144	.167	.038	.480
1959 Jan.	29,260	19,870	499	.111	.055	.145	.157	.037	.495
1959 Feb.	31,700	20,920	485	.116	.054	.144	.164	.038	.484
1959 Mar.	65,080	38,590	436	.131	.053	.140	.194	.039	.444
1959 Apr.	98,480	55,800	417	.141	.051	.137	.213	.041	.417
1959 May	113,400	61,880	401	.144	.051	.135	.221	.040	.408
1959 June	366,500	149,500	300	.178	.046	.117	.300	.039	.319
1959 July	176,500	90,110	375	.155	.049	.131	.245	.042	.378
1959 Aug.	93,050	50,760	401	.141	.052	.136	.215	.039	.418
1959 Sept.	57,410	38,640	495	.125	.051	.144	.181	.044	.455
1959 Oct.	67,680	43,090	468	.136	.050	.139	.196	.042	.437
1959 Nov.	50,660	33,630	488	.133	.051	.140	.187	.041	.449
1959 Dec.	37,310	26,290	518	.127	.051	.141	.174	.040	.467
1960 Jan.	26,180	19,020	534	.123	.052	.141	.164	.038	.482
1960 Feb.	28,760	20,390	521	.126	.052	.140	.169	.038	.475
1960 Mar.	148,700	95,380	472	.140	.046	.144	.208	.056	.406
1960 Apr.	140,200	75,820	398	.148	.049	.135	.229	.044	.396
1960 May	126,600	71,490	415	.145	.049	.136	.220	.045	.405
1960 June	216,400	93,540	318	.160	.048	.126	.267	.041	.359
1960 July	77,610	40,880	387	.146	.051	.131	.224	.037	.411
1960 Aug.	43,060	22,360	382	.142	.054	.128	.216	.032	.428
1960 Sept.	34,860	20,600	434	.136	.053	.132	.198	.034	.447
1960 Oct.	48,870	32,170	484	.138	.051	.134	.198	.039	.439
1960 Nov.	54,040	35,410	482	.139	.051	.135	.200	.040	.436
1960 Dec.	26,760	20,570	565	.127	.050	.138	.170	.038	.477
1961 Jan.	27,080	20,200	549	.129	.051	.136	.175	.037	.472
1961 Feb.	27,130	20,230	548	.130	.051	.137	.176	.038	.469

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 34. 09234500 Green River near Greendale, Utah, water years 1957 through 1983--Continued										
1961	Mar.	63,630	44,990	520	0.136	0.049	0.140	0.191	0.045	0.439
1961	Apr.	75,830	50,280	488	.140	.049	.138	.201	.045	.427
1961	May	78,580	45,420	425	.144	.050	.133	.216	.041	.416
1961	June	192,000	71,450	274	.166	.050	.117	.292	.036	.339
1961	July	55,900	28,790	379	.148	.052	.125	.230	.034	.410
1961	Aug.	42,930	26,980	462	.139	.051	.132	.201	.037	.439
1961	Sept.	54,650	36,260	488	.139	.050	.136	.198	.041	.437
1961	Oct.	63,870	43,620	502	.142	.049	.136	.195	.044	.434
1961	Nov.	53,960	36,430	496	.142	.049	.135	.197	.043	.434
1961	Dec.	44,290	31,920	530	.139	.048	.137	.187	.044	.445
1962	Jan.	42,840	27,930	479	.144	.049	.133	.200	.040	.434
1962	Feb.	83,500	63,030	555	.134	.049	.143	.180	.056	.437
1962	Mar.	149,600	109,600	539	.136	.050	.144	.185	.061	.423
1962	Apr.	374,200	199,400	392	.154	.052	.130	.236	.048	.381
1962	May	394,500	171,900	320	.163	.052	.121	.268	.041	.356
1962	June	455,900	193,500	312	.165	.053	.119	.276	.040	.348
1962	July	297,400	124,800	309	.165	.052	.118	.275	.038	.353
1962	Aug.	109,300	56,040	377	.155	.051	.125	.239	.038	.392
1962	Sept.	43,960	28,990	485	.143	.049	.134	.199	.041	.434
1962	Oct.	47,780	37,640	579	.146	.047	.130	.182	.041	.455
1962	Nov.	5,355	4,284	588	.134	.045	.140	.166	.041	.475
1962	Dec.	16,500	15,780	703	.136	.043	.136	.154	.042	.490
1963	Jan.	22,590	20,500	667	.138	.044	.135	.160	.041	.482
1963	Feb.	25,960	23,890	677	.139	.044	.134	.160	.041	.481
1963	Mar.	6,496	5,903	668	.131	.042	.141	.152	.041	.492
1963	Apr.	7,956	7,425	686	.131	.042	.140	.151	.041	.494
1963	May	8,005	7,448	684	.131	.042	.140	.151	.041	.494
1963	June	7,432	6,854	678	.131	.042	.140	.152	.041	.493
1963	July	6,415	5,862	672	.130	.042	.141	.151	.041	.493
1963	Aug.	6,242	5,589	658	.131	.043	.141	.153	.041	.491
1963	Sept.	6,708	5,863	643	.132	.043	.140	.157	.041	.487
1963	Oct.	7,890	6,551	611	.131	.046	.143	.162	.049	.468
1963	Nov.	18,550	10,810	429	.157	.047	.122	.225	.044	.405
1963	Dec.	45,690	25,520	411	.160	.049	.117	.233	.042	.399
1964	Jan.	58,340	32,800	413	.159	.050	.117	.231	.042	.401
1964	Feb.	55,580	30,830	408	.160	.050	.116	.234	.042	.399
1964	Mar.	36,810	22,210	444	.154	.049	.122	.218	.044	.414
1964	Apr.	34,940	21,680	456	.152	.049	.123	.212	.044	.419
1964	May	90,840	57,480	465	.150	.052	.121	.207	.043	.427
1964	June	86,050	53,520	457	.152	.052	.120	.210	.043	.423

1964	July	150,100	92,270	452	.152	.053	.118	.212	.043	.423
1964	Aug.	122,500	75,410	453	.152	.052	.118	.212	.043	.422
1964	Sept.	130,900	80,400	452	.152	.053	.118	.212	.043	.422
1964	Oct.	158,800	97,010	449	.151	.053	.118	.209	.042	.427
1964	Nov.	139,400	79,650	420	.155	.053	.115	.222	.043	.412
1964	Dec.	193,800	113,600	431	.155	.052	.115	.217	.041	.420
1965	Jan.	215,600	127,900	436	.155	.052	.115	.215	.040	.423
1965	Feb.	213,200	140,500	485	.148	.052	.120	.194	.039	.447
1965	Mar.	232,600	171,600	543	.141	.052	.124	.174	.038	.471
1965	Apr.	203,500	157,500	569	.137	.052	.126	.166	.039	.480
1965	May	66,310	52,830	586	.130	.053	.132	.159	.049	.477
1965	June	85,610	70,350	604	.129	.053	.132	.154	.046	.486
1965	July	29,140	24,470	617	.122	.053	.138	.149	.059	.479
1965	Aug.	30,570	25,550	615	.122	.053	.137	.150	.058	.479
1965	Sept.	43,690	35,140	591	.127	.053	.134	.157	.053	.476
1965	Oct.	78,600	60,530	566	.133	.053	.129	.164	.046	.475
1965	Nov.	120,500	81,750	499	.142	.053	.123	.185	.043	.453
1965	Dec.	115,700	70,390	448	.148	.054	.119	.203	.043	.433
1966	Jan.	71,540	43,100	443	.144	.054	.122	.200	.048	.432
1966	Feb.	71,830	43,760	448	.144	.054	.122	.199	.047	.434
1966	Mar.	70,830	48,710	506	.138	.054	.127	.179	.047	.456
1966	Apr.	130,000	99,080	561	.137	.053	.126	.169	.042	.474
1966	May	83,110	61,290	542	.136	.053	.128	.170	.045	.468
1966	June	94,610	67,710	526	.138	.053	.126	.175	.045	.463
1966	July	104,300	72,660	512	.140	.053	.125	.180	.044	.458
1966	Aug.	118,100	81,760	509	.141	.053	.124	.182	.043	.457
1966	Sept.	123,700	86,530	514	.141	.053	.124	.181	.043	.459
1966	Oct.	123,900	89,850	533	.137	.055	.125	.174	.041	.469
1966	Nov.	85,070	63,740	551	.136	.055	.125	.172	.042	.471
1966	Dec.	111,300	80,030	529	.137	.055	.125	.175	.041	.467
1967	Jan.	142,100	100,500	520	.138	.055	.125	.175	.041	.467
1967	Feb.	96,320	69,100	528	.137	.055	.125	.175	.041	.467
1967	Mar.	66,380	48,060	532	.137	.054	.125	.177	.043	.465
1967	Apr.	85,250	64,130	553	.136	.055	.125	.171	.041	.471
1967	May	121,900	93,910	567	.135	.055	.126	.168	.040	.477
1967	June	194,700	151,600	572	.134	.055	.126	.165	.039	.480
1967	July	170,700	134,700	580	.134	.055	.126	.165	.040	.481
1967	Aug.	188,100	151,000	590	.133	.056	.126	.163	.039	.483
1967	Sept.	180,000	145,700	595	.133	.056	.126	.162	.039	.484
1967	Oct.	188,300	155,100	606	.132	.055	.127	.162	.040	.484
1967	Nov.	173,200	141,000	599	.132	.055	.127	.163	.040	.482
1967	Dec.	197,000	132,700	495	.133	.061	.124	.178	.042	.463
1968	Jan.	186,800	124,700	491	.133	.061	.124	.179	.042	.461
1968	Feb.	123,200	82,520	493	.133	.060	.125	.180	.042	.460
1968	Mar.	75,630	58,630	570	.133	.056	.128	.171	.040	.473
1968	Apr.	95,740	79,140	608	.132	.054	.128	.164	.040	.481
1968	May	118,800	90,590	561	.133	.057	.127	.170	.041	.474
1968	June	97,110	72,120	546	.133	.057	.127	.172	.041	.470
1968	July	198,300	142,900	530	.133	.059	.125	.172	.041	.470
1968	Aug.	199,800	145,100	534	.133	.059	.125	.172	.041	.471
1968	Sept.	180,600	130,600	532	.133	.059	.125	.172	.041	.470
1968	Oct.	140,400	100,800	528	.131	.059	.128	.177	.042	.464
1968	Nov.	137,400	89,570	480	.134	.058	.128	.186	.042	.451
1968	Dec.	137,400	87,700	469	.134	.058	.129	.189	.042	.448

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 34. 09234500 Green River near Greendale, Utah, water years 1957 through 1983--Continued										
1969	Jan.	182,700	123,900	499	0.132	0.059	0.128	0.181	0.042	0.457
1969	Feb.	219,600	151,200	506	.132	.060	.127	.179	.042	.460
1969	Mar.	166,100	115,700	512	.132	.060	.128	.179	.042	.461
1969	Apr.	150,100	108,600	532	.131	.060	.127	.175	.042	.465
1969	May	190,800	139,600	538	.130	.060	.127	.174	.042	.467
1969	June	108,500	76,280	517	.131	.059	.128	.180	.042	.460
1969	July	158,100	110,400	513	.132	.059	.128	.179	.042	.460
1969	Aug.	193,700	133,200	506	.132	.059	.128	.180	.042	.459
1969	Sept.	164,700	110,800	495	.133	.059	.128	.183	.042	.456
1969	Oct.	129,000	83,700	477	.131	.057	.132	.188	.043	.449
1969	Nov.	129,300	78,260	445	.136	.054	.133	.196	.042	.439
1969	Dec.	195,700	116,800	439	.138	.055	.131	.197	.042	.437
1970	Jan.	100,800	60,630	442	.137	.053	.134	.197	.041	.438
1970	Feb.	77,560	46,470	441	.137	.053	.135	.197	.041	.437
1970	Mar.	81,430	50,040	452	.135	.053	.135	.194	.041	.441
1970	Apr.	108,700	68,490	464	.133	.056	.133	.191	.042	.445
1970	May	64,260	41,040	470	.132	.054	.136	.190	.042	.446
1970	June	87,200	55,400	467	.133	.055	.134	.190	.042	.446
1970	July	119,100	74,020	457	.134	.055	.133	.193	.042	.443
1970	Aug.	127,300	81,460	471	.132	.057	.133	.189	.043	.447
1970	Sept.	116,900	77,220	486	.130	.058	.133	.186	.043	.451
1970	Oct.	59,030	39,000	486	.132	.052	.137	.193	.040	.447
1970	Nov.	66,090	42,230	470	.134	.053	.135	.194	.040	.444
1970	Dec.	80,170	48,430	444	.137	.054	.133	.195	.042	.439
1971	Jan.	55,500	33,610	445	.136	.054	.134	.193	.042	.441
1971	Feb.	42,960	26,250	449	.135	.054	.135	.192	.042	.442
1971	Mar.	48,000	29,910	458	.134	.053	.136	.192	.041	.444
1971	Apr.	80,630	50,020	456	.137	.053	.133	.196	.041	.441
1971	May	89,590	56,970	468	.136	.053	.133	.196	.040	.442
1971	June	99,570	63,590	470	.136	.053	.133	.197	.040	.442
1971	July	116,700	72,800	459	.137	.053	.132	.198	.040	.440
1971	Aug.	150,800	95,310	465	.138	.053	.131	.199	.040	.439
1971	Sept.	135,900	87,200	472	.137	.053	.132	.199	.039	.441
1971	Oct.	117,500	77,680	486	.137	.053	.131	.196	.038	.445
1971	Nov.	171,200	109,900	472	.143	.053	.126	.202	.037	.440
1971	Dec.	200,300	122,000	448	.147	.054	.123	.205	.037	.435
1972	Jan.	169,800	100,900	437	.146	.054	.124	.204	.038	.434
1972	Feb.	168,300	102,600	448	.145	.054	.124	.204	.038	.435
1972	Mar.	102,200	63,760	459	.139	.053	.131	.197	.039	.440
1972	Apr.	139,700	88,200	464	.142	.053	.127	.200	.038	.440

1972	May	244,300	152,500	459	.147	.053	.122	.206	.036	.436
1972	June	189,700	117,000	453	.146	.053	.123	.205	.037	.436
1972	July	181,000	111,300	452	.145	.053	.125	.203	.037	.436
1972	Aug.	161,100	101,200	462	.143	.053	.126	.202	.037	.439
1972	Sept.	93,190	60,010	474	.137	.053	.132	.196	.039	.443
1972	Oct.	194,800	126,200	476	.145	.053	.123	.202	.036	.440
1972	Nov.	215,500	138,600	473	.146	.053	.123	.203	.036	.439
1972	Dec.	223,000	137,400	453	.148	.054	.122	.205	.036	.435
1973	Jan.	220,000	137,200	458	.148	.054	.122	.204	.036	.436
1973	Feb.	202,800	128,900	467	.147	.054	.122	.204	.036	.437
1973	Mar.	112,700	76,320	498	.142	.053	.125	.195	.036	.449
1973	Apr.	61,770	44,700	532	.137	.052	.127	.186	.036	.461
1973	May	160,600	110,600	506	.142	.053	.125	.198	.035	.448
1973	June	188,700	130,500	509	.142	.052	.125	.199	.035	.447
1973	July	166,600	111,300	491	.144	.053	.124	.199	.036	.445
1973	Aug.	210,700	135,800	474	.146	.053	.123	.203	.036	.439
1973	Sept.	149,800	97,910	481	.145	.053	.123	.199	.036	.443
1973	Oct.	147,700	98,320	490	.144	.054	.124	.191	.036	.450
1973	Nov.	154,300	102,600	489	.144	.054	.124	.192	.036	.450
1973	Dec.	155,700	97,970	463	.147	.054	.124	.198	.037	.440
1974	Jan.	127,200	81,240	470	.146	.054	.124	.196	.037	.443
1974	Feb.	44,860	30,400	498	.141	.054	.125	.183	.037	.459
1974	Mar.	50,760	35,940	521	.139	.054	.125	.178	.037	.467
1974	Apr.	60,090	42,900	525	.139	.053	.125	.179	.037	.467
1974	May	182,300	127,100	513	.142	.054	.124	.187	.036	.457
1974	June	131,800	88,940	496	.143	.054	.124	.189	.036	.453
1974	July	87,030	59,240	501	.142	.054	.125	.186	.037	.457
1974	Aug.	136,800	94,240	506	.142	.054	.124	.187	.036	.457
1974	Sept.	141,000	96,800	505	.142	.054	.124	.188	.036	.456
1974	Oct.	180,000	125,800	514	.138	.053	.126	.182	.037	.464
1974	Nov.	147,300	102,200	510	.139	.053	.126	.183	.037	.462
1974	Dec.	148,300	101,200	502	.140	.053	.125	.186	.037	.458
1975	Jan.	154,300	105,200	502	.140	.053	.125	.186	.037	.458
1975	Feb.	163,300	111,900	504	.140	.053	.125	.186	.037	.459
1975	Mar.	98,270	67,110	502	.140	.054	.126	.185	.037	.459
1975	Apr.	62,220	42,570	503	.140	.054	.126	.183	.037	.460
1975	May	88,550	61,940	514	.138	.053	.126	.180	.037	.465
1975	June	205,500	143,900	515	.138	.053	.126	.182	.037	.464
1975	July	265,800	184,300	510	.139	.053	.126	.185	.036	.461
1975	Aug.	197,900	134,800	501	.140	.053	.125	.187	.036	.457
1975	Sept.	94,100	63,610	497	.141	.054	.125	.187	.037	.456
1975	Oct.	86,270	59,590	508	.140	.054	.128	.189	.038	.452
1975	Nov.	125,800	85,590	500	.141	.054	.127	.191	.037	.452
1975	Dec.	212,100	141,700	491	.142	.054	.125	.193	.036	.451
1976	Jan.	178,700	118,400	487	.143	.054	.124	.194	.035	.450
1976	Feb.	111,000	73,450	486	.143	.054	.124	.194	.035	.450
1976	Mar.	108,200	73,290	498	.141	.054	.126	.191	.036	.451
1976	Apr.	138,100	98,590	525	.136	.054	.130	.185	.040	.455
1976	May	259,000	176,600	501	.140	.054	.126	.191	.037	.453
1976	June	212,300	144,400	500	.140	.054	.126	.191	.037	.453
1976	July	171,700	116,100	497	.141	.054	.126	.191	.036	.452
1976	Aug.	161,600	109,900	500	.140	.054	.126	.191	.037	.452
1976	Sept.	160,400	104,500	479	.145	.054	.123	.195	.034	.449
1976	Oct.	167,300	111,300	489	.142	.054	.123	.196	.034	.452

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 34. 09234500 Green River near Greendale, Utah, water years 1957 through 1983--Continued											
1976	Nov.	167,800	118,500	519	0.136	0.055	0.125	0.191	0.037	0.455	
1976	Dec.	191,500	124,600	479	.144	.054	.121	.198	.033	.450	
1977	Jan.	177,900	118,700	490	.142	.054	.123	.196	.034	.452	
1977	Feb.	147,600	90,740	452	.149	.053	.119	.202	.030	.448	
1977	Mar.	234,800	143,800	450	.150	.053	.118	.202	.030	.446	
1977	Apr.	173,100	113,900	484	.143	.054	.122	.197	.033	.451	
1977	May	178,800	125,500	516	.137	.055	.125	.191	.037	.454	
1977	June	144,500	95,990	488	.142	.054	.122	.196	.034	.452	
1977	July	140,000	94,140	495	.141	.054	.123	.195	.034	.453	
1977	Aug.	130,900	90,600	509	.138	.055	.125	.192	.036	.455	
1977	Sept.	106,600	73,610	508	.138	.055	.124	.192	.035	.455	
1977	Oct.	70,630	48,030	500	.135	.053	.127	.189	.036	.460	
1977	Nov.	63,950	43,560	501	.135	.053	.127	.189	.036	.460	
1977	Dec.	63,800	42,840	494	.136	.053	.126	.190	.036	.459	
1978	Jan.	75,590	54,060	526	.132	.055	.128	.183	.037	.465	
1978	Feb.	70,310	52,380	548	.129	.057	.129	.178	.038	.469	
1978	Mar.	99,210	73,420	544	.130	.057	.129	.180	.037	.467	
1978	Apr.	73,970	57,200	569	.127	.058	.130	.174	.039	.472	
1978	May	66,130	52,190	580	.125	.059	.131	.172	.040	.475	
1978	June	98,120	72,830	546	.130	.057	.129	.179	.038	.467	
1978	July	124,800	86,980	512	.135	.055	.127	.187	.036	.460	
1978	Aug.	105,300	75,890	530	.133	.056	.128	.183	.037	.464	
1978	Sept.	91,780	65,820	527	.132	.055	.128	.183	.037	.464	
1978	Oct.	78,330	54,850	515	.131	.054	.129	.183	.037	.467	
1978	Nov.	96,970	68,880	522	.130	.054	.130	.182	.037	.467	
1978	Dec.	120,000	85,410	523	.131	.054	.130	.182	.037	.467	
1979	Jan.	138,200	98,430	524	.131	.055	.130	.181	.036	.467	
1979	Feb.	157,500	110,600	517	.131	.055	.130	.182	.036	.466	
1979	Mar.	144,500	100,700	513	.131	.054	.130	.183	.036	.466	
1979	Apr.	123,900	85,100	505	.132	.054	.130	.183	.036	.465	
1979	May	90,030	59,640	487	.132	.053	.129	.186	.036	.463	
1979	June	87,350	54,020	455	.134	.052	.129	.189	.036	.460	
1979	July	124,300	79,700	471	.134	.053	.130	.187	.036	.461	
1979	Aug.	94,610	63,160	491	.132	.053	.129	.185	.036	.464	
1979	Sept.	83,880	56,440	495	.132	.053	.129	.185	.037	.464	
1979	Oct.	91,440	58,920	474	.133	.052	.131	.185	.035	.464	
1979	Nov.	113,800	72,870	471	.133	.053	.131	.185	.035	.463	
1979	Dec.	126,900	81,280	471	.133	.053	.131	.185	.035	.463	
1980	Jan.	140,900	91,640	478	.133	.053	.131	.183	.035	.465	
1980	Feb.	131,500	85,600	479	.133	.053	.131	.183	.035	.465	

1980 Mar.	103,700	68,000	482	.132	.053	.131	.183	.035	.466
1980 Apr.	81,610	54,620	492	.131	.052	.131	.181	.036	.469
1980 May	64,400	42,280	483	.132	.052	.131	.183	.036	.467
1980 June	72,360	46,190	469	.133	.052	.130	.186	.036	.463
1980 July	83,600	51,440	453	.134	.052	.130	.189	.036	.459
1980 Aug.	99,480	61,030	451	.135	.052	.130	.190	.036	.458
1980 Sept.	98,630	61,940	462	.134	.052	.130	.187	.035	.461
1980 Oct.	106,000	67,340	470	.133	.053	.130	.186	.034	.463
1980 Nov.	86,180	55,080	467	.133	.053	.131	.186	.034	.463
1980 Dec.	70,360	45,090	471	.133	.053	.131	.187	.034	.462
1981 Jan.	69,350	45,410	482	.133	.053	.131	.186	.034	.464
1981 Feb.	83,060	53,870	477	.133	.053	.131	.185	.034	.464
1981 Mar.	85,920	55,920	479	.133	.053	.131	.185	.034	.464
1981 Apr.	75,050	48,970	480	.133	.053	.131	.186	.034	.464
1981 May	66,210	43,390	482	.132	.053	.131	.186	.034	.464
1981 June	65,750	42,630	477	.133	.053	.131	.186	.034	.463
1981 July	99,130	64,550	479	.133	.053	.131	.185	.034	.464
1981 Aug.	98,760	64,410	480	.133	.053	.131	.185	.034	.465
1981 Sept.	136,200	88,230	477	.133	.053	.130	.184	.034	.465
1981 Oct.	88,830	58,110	481	.133	.053	.131	.188	.034	.460
1981 Nov.	75,270	49,260	481	.133	.053	.132	.189	.034	.459
1981 Dec.	78,510	51,570	483	.133	.053	.132	.188	.034	.460
1982 Jan.	82,710	55,040	489	.133	.053	.132	.186	.034	.463
1982 Feb.	147,200	97,750	488	.133	.053	.131	.184	.033	.466
1982 Mar.	93,680	63,110	495	.132	.053	.132	.183	.033	.466
1982 Apr.	139,200	93,300	493	.133	.053	.131	.183	.033	.467
1982 May	95,930	65,160	500	.132	.053	.132	.182	.033	.468
1982 June	85,220	58,900	508	.131	.053	.132	.179	.033	.471
1982 July	87,120	59,620	503	.132	.053	.132	.181	.033	.469
1982 Aug.	109,200	74,260	500	.132	.053	.132	.181	.033	.469
1982 Sept.	137,900	88,730	473	.134	.053	.130	.190	.034	.458
1982 Oct.	240,500	156,500	478	.135	.053	.129	.193	.033	.456
1982 Nov.	217,500	135,400	458	.137	.053	.128	.201	.034	.447
1982 Dec.	180,000	102,500	419	.139	.052	.126	.218	.034	.430
1983 Jan.	183,600	115,300	462	.136	.053	.129	.200	.034	.448
1983 Feb.	132,000	82,560	460	.136	.053	.129	.201	.034	.447
1983 Mar.	150,800	93,820	458	.136	.053	.129	.202	.034	.446
1983 Apr.	169,000	102,800	447	.137	.053	.128	.206	.034	.442
1983 May	189,200	106,900	415	.140	.052	.126	.220	.035	.427
1983 June	473,700	275,100	427	.141	.053	.125	.214	.034	.433
1983 July	622,700	344,700	407	.143	.052	.123	.224	.034	.423
1983 Aug.	310,900	175,300	415	.141	.052	.125	.220	.034	.427
1983 Sept.	221,900	124,100	411	.141	.052	.125	.222	.035	.425

Site 35. 09235300 Vermillion Creek near Hiavatha, Colo., water years 1976 through 1981.

1975 Oct.	74	125	1,230	.092	.058	.169	.174	.019	.487
1975 Nov.	103	166	1,190	.093	.058	.168	.181	.019	.482
1975 Dec.	106	171	1,190	.093	.058	.168	.181	.019	.481
1976 Jan.	98	159	1,200	.093	.058	.168	.179	.019	.483
1976 Feb.	138	214	1,140	.094	.058	.166	.187	.019	.476
1976 Mar.	543	722	979	.097	.058	.160	.215	.018	.452
1976 Apr.	295	418	1,040	.096	.058	.163	.203	.019	.462

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 35. 09235300 Vermillion Creek near Hiawatha, Colo., water years 1976 through 1981--Continued											
1976	May	345	477	1,020	0.096	0.058	0.162	0.207	0.019	0.458	
1976	June	75	122	1,190	.093	.058	.168	.180	.019	.482	
1976	July	23	43	1,380	.090	.057	.173	.156	.020	.504	
1976	Aug.	226	309	1,000	.096	.058	.161	.209	.018	.457	
1976	Sept.	67	109	1,200	.093	.058	.168	.178	.019	.484	
1976	Oct.	76	127	1,230	.092	.058	.169	.175	.019	.487	
1976	Nov.	81	134	1,210	.093	.058	.168	.178	.019	.484	
1976	Dec.	24	45	1,370	.090	.057	.173	.158	.020	.503	
1977	Feb.	20	34	1,280	.092	.058	.170	.169	.019	.492	
1977	Mar.	94	152	1,190	.093	.058	.168	.180	.019	.483	
1977	Apr.	120	187	1,150	.094	.058	.166	.186	.019	.477	
1977	May	46	81	1,300	.091	.057	.171	.166	.020	.495	
1977	June	76	92	890	.098	.058	.156	.232	.018	.438	
1977	July	308	353	842	.099	.058	.154	.244	.018	.428	
1977	Aug.	809	867	788	.100	.058	.150	.258	.017	.417	
1977	Sept.	6	12	1,560	.087	.057	.176	.140	.020	.521	
1977	Oct.	27	54	1,450	.094	.055	.169	.147	.020	.515	
1977	Nov.	32	60	1,400	.094	.055	.168	.152	.020	.510	
1977	Dec.	37	69	1,350	.094	.056	.168	.158	.021	.504	
1978	Jan.	42	78	1,380	.094	.056	.168	.155	.021	.507	
1978	Feb.	44	81	1,360	.094	.056	.168	.157	.021	.505	
1978	Mar.	313	441	1,040	.093	.059	.161	.205	.023	.459	
1978	Apr.	92	158	1,260	.094	.057	.166	.169	.021	.493	
1978	May	216	336	1,150	.093	.058	.164	.187	.022	.476	
1978	June	171	268	1,150	.093	.058	.164	.186	.022	.476	
1978	July	4	9	1,520	.094	.054	.170	.140	.020	.523	
1978	Aug.	50	84	1,240	.094	.057	.166	.173	.022	.489	
1978	Sept.	374	437	860	.091	.061	.155	.244	.025	.425	
1978	Oct.	24	46	1,420	.088	.056	.174	.166	.024	.491	
1978	Nov.	18	35	1,450	.088	.056	.174	.165	.024	.493	
1978	Dec.	15	30	1,490	.088	.055	.174	.163	.024	.495	
1979	Jan.	0	0	--	--	--	--	--	--	--	
1979	Feb.	28	49	1,290	.089	.058	.174	.173	.023	.484	
1979	Mar.	94	150	1,170	.089	.059	.174	.179	.022	.476	
1979	Apr.	571	667	859	.090	.064	.174	.201	.019	.452	
1979	May	559	676	889	.090	.063	.174	.198	.019	.455	
1979	June	342	443	952	.090	.062	.174	.193	.020	.460	
1979	July	156	231	1,090	.090	.060	.174	.184	.021	.471	
1979	Aug.	603	593	723	.091	.066	.174	.212	.018	.440	
1979	Sept.	27	51	1,380	.089	.056	.174	.168	.023	.489	

1979	Oct.	55	90	1,190	.086	.060	.178	.197	.023	.457
1979	Nov.	63	100	1,170	.086	.060	.178	.197	.022	.457
1979	Dec.	52	83	1,180	.086	.060	.178	.197	.023	.457
1980	Jan.	43	72	1,230	.085	.060	.178	.197	.023	.457
1980	Feb.	63	99	1,150	.086	.060	.178	.197	.022	.456
1980	Mar.	65	103	1,170	.086	.060	.178	.197	.022	.457
1980	Apr.	1,922	697	697	.094	.066	.174	.198	.017	.452
1980	May	1,565	1,632	767	.092	.065	.174	.198	.018	.453
1980	June	649	757	857	.091	.064	.175	.197	.019	.454
1980	July	273	345	928	.089	.063	.176	.197	.020	.455
1980	Aug.	168	237	1,030	.088	.062	.177	.197	.021	.456
1980	Sept.	105	157	1,090	.087	.061	.177	.197	.022	.456
1980	Oct.	118	175	1,080	.087	.061	.177	.197	.022	.456
1980	Nov.	108	160	1,090	.087	.061	.177	.197	.022	.456
1980	Dec.	91	139	1,120	.087	.061	.177	.197	.022	.456
1981	Jan.	71	112	1,160	.086	.060	.178	.197	.022	.456
1981	Feb.	93	138	1,090	.087	.061	.177	.197	.022	.456
1981	Mar.	193	267	1,020	.088	.062	.177	.197	.021	.455
1981	Apr.	156	222	1,040	.088	.061	.177	.197	.021	.456
1981	May	196	267	1,000	.088	.062	.176	.197	.021	.455
1981	June	118	164	1,020	.088	.062	.177	.197	.021	.455
1981	July	279	280	739	.093	.065	.174	.198	.018	.452
1981	Aug.	0	0	--	--	--	--	--	--	--
1981	Sept.	2	5	1,570	.082	.057	.180	.197	.026	.459

Site 36. 09244410 Yampa River below diversion, near Hayden, Colo.,
water years 1975 through 1982.

1974	Oct.	8,436	2,043	178	.172	.056	.129	.368	.056	.217
1974	Nov.	10,030	2,291	168	.174	.056	.128	.369	.055	.218
1974	Dec.	9,445	2,220	173	.173	.056	.129	.369	.055	.218
1975	Jan.	11,550	2,545	162	.176	.056	.127	.369	.054	.218
1975	Feb.	11,110	2,398	159	.177	.056	.126	.369	.054	.218
1975	Mar.	13,410	2,805	154	.178	.056	.126	.369	.053	.219
1975	Apr.	64,430	7,616	87	.198	.056	.113	.369	.043	.222
1975	May	198,400	16,600	62	.212	.056	.105	.368	.037	.223
1975	June	304,000	22,360	54	.217	.055	.102	.367	.035	.223
1975	July	152,100	13,750	66	.209	.056	.107	.368	.038	.223
1975	Aug.	25,750	4,306	123	.186	.056	.120	.369	.049	.220
1975	Sept.	10,350	2,290	163	.175	.056	.127	.369	.054	.218
1975	Oct.	8,204	1,987	178	.172	.056	.129	.368	.056	.217
1975	Nov.	10,890	2,407	163	.176	.056	.127	.369	.054	.218
1975	Dec.	10,680	2,414	166	.175	.056	.128	.369	.055	.218
1976	Jan.	9,802	2,279	171	.174	.056	.128	.369	.055	.218
1976	Feb.	9,269	2,149	171	.174	.056	.128	.369	.055	.218
1976	Mar.	12,590	2,691	157	.177	.056	.126	.369	.053	.218
1976	Apr.	64,820	7,840	89	.198	.056	.113	.369	.043	.222
1976	May	206,000	17,360	62	.212	.056	.105	.368	.037	.223
1976	June	177,500	15,480	64	.210	.056	.106	.368	.037	.223
1976	July	47,780	6,382	98	.194	.056	.116	.369	.045	.221
1976	Aug.	18,380	3,436	137	.182	.056	.123	.369	.051	.219
1976	Sept.	7,865	1,931	181	.172	.056	.130	.368	.056	.217
1976	Oct.	7,795	1,929	182	.172	.056	.130	.366	.059	.218

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 36. 09244410 Yampa River below diversion, near Hayden, Colo., water years 1975 through 1982--Continued										
1976	Nov.	6,611	1,693	188	0.170	0.055	0.132	0.365	0.060	0.217
1976	Dec.	3,203	1,052	241	.160	.054	.141	.361	.071	.214
1977	Jan.	3,969	1,212	225	.163	.054	.138	.362	.068	.215
1977	Feb.	4,217	1,229	214	.165	.055	.136	.363	.065	.216
1977	Mar.	8,813	2,015	168	.174	.056	.129	.366	.057	.218
1977	Apr.	37,040	5,355	106	.194	.058	.112	.372	.041	.223
1977	May	84,500	9,884	86	.204	.059	.104	.373	.035	.225
1977	June	66,150	7,718	86	.203	.059	.105	.372	.036	.224
1977	July	5,152	1,348	192	.168	.055	.134	.364	.063	.216
1977	Aug.	5,014	1,392	204	.166	.055	.135	.364	.064	.216
1977	Sept.	4,514	1,311	214	.165	.055	.136	.363	.065	.216
1977	Oct.	7,567	1,865	181	.172	.055	.131	.363	.059	.219
1977	Nov.	7,351	1,815	182	.172	.055	.131	.363	.059	.219
1977	Dec.	7,244	1,810	184	.172	.055	.132	.363	.060	.219
1978	Jan.	7,577	1,876	182	.172	.055	.132	.363	.059	.219
1978	Feb.	8,710	2,021	171	.176	.055	.129	.364	.055	.221
1978	Mar.	19,510	3,676	139	.186	.057	.120	.365	.046	.227
1978	Apr.	125,800	14,420	84	.210	.061	.098	.364	.028	.238
1978	May	252,800	24,070	70	.219	.063	.091	.363	.023	.241
1978	June	405,200	34,040	62	.226	.064	.086	.361	.020	.243
1978	July	153,100	16,450	79	.213	.062	.096	.364	.026	.239
1978	Aug.	27,290	4,712	127	.190	.058	.116	.366	.042	.229
1978	Sept.	10,440	2,332	164	.177	.056	.127	.364	.054	.222
1978	Oct.	11,420	2,867	185	.174	.058	.121	.345	.047	.254
1978	Nov.	10,780	2,739	187	.174	.058	.121	.345	.047	.254
1978	Dec.	10,730	2,757	189	.173	.058	.121	.345	.048	.254
1979	Jan.	10,640	2,740	189	.173	.058	.122	.345	.048	.254
1979	Feb.	9,715	2,494	189	.173	.058	.121	.345	.048	.254
1979	Mar.	16,820	3,711	162	.179	.059	.117	.347	.043	.254
1979	Apr.	97,730	12,780	96	.203	.064	.099	.353	.027	.253
1979	May	301,400	30,040	73	.216	.066	.091	.355	.021	.251
1979	June	316,500	31,360	73	.217	.066	.090	.355	.021	.251
1979	July	94,920	12,870	100	.202	.064	.100	.353	.028	.253
1979	Aug.	19,530	4,188	158	.181	.060	.115	.348	.041	.255
1979	Sept.	4,671	1,487	234	.163	.056	.129	.341	.057	.253
1979	Oct.	7,464	2,142	211	.166	.061	.132	.342	.054	.245
1979	Nov.	12,960	3,267	185	.173	.062	.126	.343	.047	.249
1979	Dec.	10,550	2,829	197	.170	.061	.129	.342	.050	.248
1980	Jan.	10,830	2,886	196	.170	.061	.129	.342	.049	.248
1980	Feb.	11,010	2,872	192	.172	.062	.128	.342	.048	.248

1980 Mar.	12,060	3,125	191	.172	.062	.128	.343	.048	.249
1980 Apr.	92,530	12,760	101	.201	.065	.102	.340	.027	.264
1980 May	277,700	32,140	85	.212	.066	.094	.339	.021	.269
1980 June	262,100	30,320	85	.211	.066	.094	.339	.021	.269
1980 July	60,250	9,864	120	.194	.064	.109	.342	.031	.261
1980 Aug.	11,360	2,950	191	.171	.062	.128	.342	.048	.248
1980 Sept.	5,129	1,633	234	.162	.060	.137	.341	.059	.242
1980 Oct.	11,030	2,816	188	.171	.062	.130	.345	.051	.241
1980 Nov.	10,420	2,685	190	.170	.062	.130	.345	.051	.241
1980 Dec.	9,223	2,490	199	.169	.062	.132	.344	.053	.239
1981 Jan.	8,013	2,248	206	.167	.062	.133	.344	.055	.238
1981 Feb.	9,719	2,506	190	.170	.062	.130	.345	.051	.241
1981 Mar.	12,910	3,158	180	.172	.062	.129	.346	.049	.242
1981 Apr.	47,230	7,572	118	.187	.063	.115	.349	.035	.251
1981 May	127,600	15,980	92	.196	.063	.107	.351	.028	.256
1981 June	141,500	16,570	86	.198	.063	.105	.351	.026	.257
1981 July	25,740	5,077	145	.180	.063	.122	.348	.041	.247
1981 Aug.	7,436	2,115	209	.167	.062	.134	.344	.056	.238
1981 Sept.	4,951	1,577	234	.162	.062	.138	.342	.062	.235
1981 Oct.	14,010	3,352	176	.173	.062	.128	.346	.048	.243
1981 Nov.	10,750	2,749	188	.171	.062	.130	.345	.051	.241
1981 Dec.	9,590	2,558	196	.169	.062	.132	.345	.053	.240
1982 Jan.	10,970	2,816	189	.170	.062	.130	.345	.051	.241
1982 Feb.	9,432	2,456	192	.170	.062	.131	.345	.052	.240
1982 Mar.	16,870	3,801	166	.175	.062	.126	.347	.046	.244
1982 Apr.	89,680	11,970	98	.194	.063	.109	.350	.030	.255
1982 May	221,600	23,960	80	.202	.063	.102	.351	.024	.259
1982 June	263,700	26,970	75	.204	.063	.100	.351	.023	.260
1982 July	125,900	15,900	93	.196	.063	.107	.351	.028	.256
1982 Aug.	34,700	6,334	134	.183	.063	.119	.349	.038	.249
1982 Sept.	17,160	3,812	163	.176	.062	.125	.347	.045	.244

Site 37. 09250600 Wilson Creek near Axial, Colo., water years 1975 through 1980.

1974 Oct.	37	64	1,260	.087	.091	.140	.188	.120	.374
1974 Nov.	42	70	1,230	.088	.090	.141	.190	.122	.369
1974 Dec.	61	97	1,170	.092	.088	.142	.193	.128	.357
1975 Jan.	72	111	1,140	.093	.087	.142	.195	.130	.351
1975 Feb.	68	104	1,130	.094	.087	.143	.196	.131	.350
1975 Mar.	64	100	1,160	.092	.088	.142	.194	.129	.355
1975 Apr.	85	128	1,100	.095	.086	.143	.197	.134	.344
1975 May	547	596	801	.116	.075	.146	.215	.172	.276
1975 June	457	525	843	.113	.077	.146	.213	.165	.286
1975 July	122	173	1,040	.099	.085	.144	.201	.140	.332
1975 Aug.	45	75	1,220	.089	.090	.141	.190	.123	.368
1975 Sept.	32	55	1,290	.086	.092	.140	.187	.117	.379
1975 Oct.	28	57	1,500	.080	.095	.139	.174	.114	.398
1975 Nov.	46	58	1,350	.084	.092	.140	.183	.117	.384
1975 Dec.	68	76	1,220	.089	.090	.141	.190	.123	.368
1976 Jan.	68	106	1,140	.093	.088	.142	.195	.130	.352
1976 Feb.	94	110	857	.104	.082	.142	.216	.137	.320
1976 Mar.	82	119	1,070	.096	.086	.143	.199	.133	.342
1976 Apr.	103	151	1,080	.097	.085	.144	.199	.137	.338

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 37. 09250600 Wilson Creek near Axial, Colo., water years 1975 through 1980--Continued											
1976	May	232	287	911	0.106	0.080	0.145	0.210	0.151	0.307	
1976	June	137	186	993	.101	.083	.144	.204	.142	.325	
1976	July	75	112	1,100	.095	.087	.143	.197	.132	.347	
1976	Aug.	40	67	1,240	.088	.090	.141	.189	.121	.372	
1976	Sept.	20	38	1,370	.082	.094	.138	.182	.110	.394	
1976	Oct.	25	45	1,320	.084	.093	.141	.185	.116	.381	
1976	Nov.	22	40	1,330	.083	.093	.141	.185	.115	.383	
1976	Dec.	27	48	1,300	.085	.092	.141	.186	.118	.379	
1977	Jan.	19	35	1,350	.082	.094	.140	.184	.114	.387	
1977	Feb.	29	50	1,260	.086	.091	.142	.187	.120	.374	
1977	Mar.	43	72	1,210	.089	.090	.142	.189	.124	.366	
1977	Apr.	39	65	1,230	.088	.090	.142	.188	.124	.368	
1977	May	22	39	1,330	.083	.093	.140	.185	.115	.384	
1977	June	21	39	1,350	.082	.093	.140	.184	.114	.385	
1977	July	23	42	1,340	.083	.093	.141	.185	.115	.383	
1977	Aug.	23	42	1,330	.083	.093	.141	.185	.115	.383	
1977	Sept.	22	39	1,320	.083	.093	.141	.186	.115	.382	
1977	Oct.	23	40	1,280	.084	.093	.141	.186	.117	.380	
1977	Nov.	22	39	1,300	.083	.093	.140	.185	.117	.381	
1977	Dec.	24	42	1,270	.084	.093	.141	.186	.117	.379	
1978	Jan.	24	40	1,260	.085	.093	.141	.186	.117	.378	
1978	Feb.	19	34	1,320	.083	.094	.140	.185	.117	.382	
1978	Mar.	25	44	1,330	.083	.094	.139	.185	.116	.383	
1978	Apr.	40	64	1,180	.087	.091	.139	.190	.118	.374	
1978	May	355	375	778	.104	.081	.140	.210	.123	.341	
1978	June	166	209	928	.097	.085	.139	.203	.121	.356	
1978	July	51	79	1,130	.089	.090	.140	.192	.119	.370	
1978	Aug.	21	35	1,240	.085	.093	.142	.186	.118	.377	
1978	Sept.	15	28	1,400	.081	.095	.140	.182	.116	.387	
1978	Oct.	22	41	1,360	.082	.093	.141	.182	.116	.386	
1978	Nov.	22	40	1,320	.083	.093	.140	.183	.115	.385	
1978	Dec.	27	48	1,310	.084	.093	.140	.184	.116	.384	
1979	Jan.	28	50	1,340	.084	.092	.140	.184	.116	.384	
1979	Feb.	22	41	1,370	.083	.093	.141	.183	.116	.385	
1979	Mar.	45	79	1,280	.086	.091	.140	.189	.117	.377	
1979	Apr.	233	261	823	.104	.084	.135	.208	.116	.353	
1979	May	1,628	1,101	497	.127	.078	.129	.228	.111	.327	
1979	June	443	394	654	.113	.082	.133	.215	.113	.344	
1979	July	182	206	832	.103	.086	.135	.204	.114	.358	
1979	Aug.	82	111	997	.095	.089	.137	.196	.115	.369	
1979	Sept.	42	66	1,150	.089	.091	.139	.189	.115	.377	

1979	Oct.	38	64	1,230	.087	.091	.140	.188	.116	.379
1979	Nov.	57	97	1,250	.088	.090	.139	.191	.118	.375
1979	Dec.	42	74	1,280	.086	.091	.140	.188	.117	.378
1980	Jan.	66	93	1,040	.093	.089	.138	.194	.115	.371
1980	Feb.	194	129	490	.116	.085	.132	.208	.108	.351
1980	Mar.	96	132	1,010	.095	.088	.137	.197	.116	.367
1980	Apr.	97	127	965	.096	.088	.137	.198	.115	.366
1980	May	1,499	997	489	.128	.078	.129	.228	.111	.327
1980	June	607	516	625	.116	.081	.132	.218	.113	.340
1980	July	194	216	819	.103	.086	.135	.205	.114	.357
1980	Aug.	89	120	997	.095	.088	.137	.197	.115	.368
1980	Sept.	101	155	1,120	.092	.088	.138	.198	.118	.367

Site 38. 09251000 Yampa River near Maybell, Colo., water years 1951 through 1983.

1950	Oct.	15,400	6,139	293	.139	.059	.151	.306	.088	.257
1950	Nov.	17,100	6,464	278	.142	.059	.149	.311	.084	.254
1950	Dec.	16,470	6,301	281	.141	.059	.150	.310	.086	.254
1951	Jan.	14,430	5,670	289	.139	.059	.153	.307	.091	.252
1951	Feb.	14,890	6,030	298	.140	.059	.149	.305	.084	.262
1951	Mar.	32,760	13,030	292	.149	.061	.135	.309	.060	.286
1951	Apr.	110,200	31,700	212	.170	.064	.113	.335	.036	.282
1951	May	329,300	44,840	100	.197	.066	.100	.403	.029	.206
1951	June	315,300	30,120	70	.202	.064	.101	.438	.033	.162
1951	July	108,300	14,270	97	.181	.063	.120	.403	.051	.183
1951	Aug.	29,190	7,533	190	.155	.061	.142	.346	.076	.220
1951	Sept.	12,760	4,371	252	.140	.058	.155	.316	.100	.230
1951	Oct.	20,560	6,351	227	.147	.060	.148	.329	.084	.231
1951	Nov.	15,800	5,667	264	.142	.059	.151	.315	.089	.244
1951	Dec.	12,450	4,834	286	.137	.058	.156	.306	.098	.245
1952	Jan.	13,990	5,232	275	.139	.059	.154	.311	.094	.243
1952	Feb.	14,500	5,388	273	.141	.059	.152	.312	.090	.246
1952	Mar.	18,820	7,322	286	.143	.060	.146	.309	.079	.262
1952	Apr.	240,000	65,980	202	.177	.065	.097	.330	.023	.307
1952	May	516,100	81,070	116	.200	.067	.091	.388	.021	.233
1952	June	474,300	53,350	83	.206	.066	.093	.420	.024	.191
1952	July	72,920	14,890	150	.170	.063	.125	.367	.053	.222
1952	Aug.	33,310	9,843	217	.155	.061	.138	.336	.068	.241
1952	Sept.	14,430	5,486	279	.140	.059	.152	.310	.091	.249
1952	Oct.	11,660	5,414	342	.131	.058	.157	.287	.093	.274
1952	Nov.	12,380	5,941	353	.131	.059	.154	.284	.088	.284
1952	Dec.	13,650	6,487	350	.132	.059	.152	.284	.085	.288
1953	Jan.	14,600	6,388	322	.135	.059	.152	.293	.086	.274
1953	Feb.	12,200	5,450	329	.134	.059	.154	.291	.088	.274
1953	Mar.	24,630	10,390	310	.142	.062	.139	.298	.067	.292
1953	Apr.	72,470	22,900	232	.160	.065	.119	.321	.044	.291
1953	May	221,500	38,900	129	.190	.066	.100	.379	.033	.232
1953	June	363,900	35,480	72	.210	.063	.092	.437	.031	.167
1953	July	51,790	11,240	160	.166	.062	.129	.359	.062	.221
1953	Aug.	24,370	8,255	249	.148	.061	.141	.318	.074	.258
1953	Sept.	6,077	3,227	390	.120	.056	.169	.269	.116	.270
1953	Oct.	9,311	4,667	369	.125	.057	.164	.274	.099	.281
1953	Nov.	15,740	6,304	295	.138	.058	.153	.297	.087	.268

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 38. 09251000 Yampa River near Maybell, Colo., water years 1951 through 1983--Continued										
1953	Dec.	11,620	5,427	343	0.130	0.057	0.159	0.282	0.094	0.278
1954	Jan.	14,580	6,210	313	.135	.058	.155	.291	.088	.272
1954	Feb.	15,090	6,566	320	.137	.059	.150	.291	.081	.282
1954	Mar.	23,460	9,097	285	.145	.060	.142	.301	.072	.280
1954	Apr.	102,800	23,190	166	.178	.062	.111	.343	.044	.262
1954	May	209,000	24,100	85	.201	.060	.102	.409	.046	.183
1954	June	85,460	13,230	114	.181	.060	.119	.384	.062	.195
1954	July	16,810	5,389	236	.140	.057	.155	.311	.096	.241
1954	Aug.	7,476	3,907	384	.120	.056	.170	.269	.109	.275
1954	Sept.	10,870	4,772	323	.130	.057	.161	.285	.097	.269
1954	Oct.	23,240	7,052	223	.150	.057	.145	.320	.086	.242
1954	Nov.	16,260	5,746	260	.141	.056	.154	.306	.094	.249
1954	Dec.	12,550	5,460	320	.134	.056	.159	.287	.094	.270
1955	Jan.	12,420	4,888	289	.134	.055	.161	.294	.102	.254
1955	Feb.	10,630	4,144	287	.133	.055	.162	.294	.106	.250
1955	Mar.	28,030	11,480	301	.153	.058	.134	.297	.061	.296
1955	Apr.	119,500	32,760	202	.186	.060	.103	.331	.035	.285
1955	May	300,100	39,250	96	.212	.058	.091	.402	.037	.200
1955	June	199,700	22,800	84	.204	.057	.099	.415	.050	.175
1955	July	30,950	6,867	163	.157	.056	.141	.344	.090	.212
1955	Aug.	15,230	5,115	247	.139	.055	.157	.307	.101	.240
1955	Sept.	3,997	2,192	403	.109	.051	.187	.252	.141	.260
1955	Oct.	8,166	3,978	358	.126	.054	.168	.274	.109	.269
1955	Nov.	15,620	6,388	301	.141	.055	.154	.296	.087	.267
1955	Dec.	19,810	7,717	286	.146	.055	.149	.302	.080	.267
1956	Jan.	17,060	7,166	309	.142	.055	.153	.294	.083	.274
1956	Feb.	14,160	6,041	314	.139	.055	.155	.292	.087	.272
1956	Mar.	30,090	11,730	287	.156	.055	.137	.301	.062	.289
1956	Apr.	214,100	50,690	174	.200	.054	.101	.345	.030	.271
1956	May	400,800	51,140	94	.223	.051	.088	.414	.032	.191
1956	June	259,300	26,010	74	.218	.049	.092	.442	.045	.154
1956	July	33,150	8,983	199	.162	.054	.136	.339	.077	.232
1956	Aug.	17,210	6,299	269	.145	.055	.151	.307	.089	.253
1956	Sept.	3,804	2,176	421	.110	.053	.183	.251	.139	.264
1956	Oct.	7,750	3,937	374	.124	.055	.166	.268	.109	.278
1956	Nov.	12,650	5,581	324	.136	.055	.156	.286	.092	.274
1956	Dec.	11,500	5,228	334	.134	.055	.159	.283	.096	.273
1957	Jan.	12,690	5,606	325	.136	.055	.157	.287	.093	.272
1957	Feb.	13,010	5,560	314	.139	.055	.154	.291	.089	.272
1957	Mar.	28,750	12,560	321	.149	.057	.138	.288	.060	.308

1957	Apr.	125,400	44,460	261	.175	.058	.110	.301	.031	.326
1957	May	440,000	90,790	152	.213	.053	.090	.360	.022	.262
1957	June	680,200	95,180	103	.232	.049	.082	.403	.021	.213
1957	July	357,800	43,110	89	.224	.046	.091	.428	.032	.178
1957	Aug.	64,710	15,530	176	.179	.052	.124	.357	.057	.231
1957	Sept.	26,780	8,732	240	.156	.054	.141	.322	.075	.251
1957	Oct.	28,820	10,180	260	.152	.056	.140	.314	.064	.273
1957	Nov.	28,740	11,160	286	.149	.057	.140	.303	.062	.289
1957	Dec.	24,870	10,080	298	.145	.057	.143	.299	.066	.289
1958	Jan.	20,190	8,045	293	.143	.057	.148	.302	.073	.278
1958	Feb.	27,970	10,850	285	.151	.057	.137	.301	.059	.295
1958	Mar.	41,480	18,860	334	.149	.059	.130	.280	.049	.332
1958	Apr.	161,600	54,830	249	.176	.057	.107	.297	.029	.334
1958	May	549,200	87,250	117	.223	.049	.088	.384	.021	.234
1958	June	329,600	34,150	76	.228	.043	.092	.445	.028	.164
1958	July	35,220	9,086	190	.163	.053	.137	.348	.065	.234
1958	Aug.	10,920	4,788	322	.130	.056	.160	.289	.092	.272
1958	Sept.	9,793	4,591	345	.128	.057	.160	.281	.093	.282
1958	Oct.	13,310	5,537	306	.129	.056	.162	.292	.085	.276
1958	Nov.	14,620	6,341	319	.131	.057	.158	.289	.079	.287
1958	Dec.	13,250	6,000	333	.128	.057	.161	.284	.082	.288
1959	Jan.	13,550	6,073	330	.128	.057	.160	.285	.082	.288
1959	Feb.	14,540	6,408	324	.132	.057	.156	.287	.076	.292
1959	Mar.	21,540	9,250	316	.138	.058	.148	.290	.066	.301
1959	Apr.	89,320	31,100	256	.168	.059	.113	.303	.034	.322
1959	May	264,800	35,670	99	.210	.051	.100	.401	.029	.209
1959	June	287,200	25,380	65	.217	.046	.099	.445	.032	.161
1959	July	48,160	9,563	146	.168	.053	.135	.364	.060	.221
1959	Aug.	21,600	7,161	244	.143	.055	.152	.315	.073	.261
1959	Sept.	12,180	5,066	306	.130	.056	.159	.287	.084	.283
1959	Oct.	40,880	11,010	198	.163	.055	.136	.340	.058	.248
1959	Nov.	31,680	8,910	207	.159	.055	.141	.338	.063	.245
1959	Dec.	23,170	8,385	266	.147	.055	.148	.314	.067	.270
1960	Jan.	14,460	5,810	296	.137	.054	.158	.305	.080	.267
1960	Feb.	12,690	5,084	295	.136	.054	.159	.306	.082	.263
1960	Mar.	40,740	14,870	268	.158	.056	.130	.303	.049	.304
1960	Apr.	240,100	51,170	157	.198	.055	.100	.343	.027	.277
1960	May	287,400	41,900	107	.211	.054	.098	.384	.028	.225
1960	June	267,500	28,740	79	.218	.052	.097	.420	.031	.182
1960	July	36,430	8,332	168	.164	.054	.138	.356	.064	.224
1960	Aug.	9,541	4,565	352	.126	.054	.167	.287	.090	.276
1960	Sept.	5,770	3,209	409	.116	.053	.176	.272	.104	.280
1960	Oct.	12,140	5,141	311	.136	.052	.161	.299	.085	.267
1960	Nov.	15,120	6,200	302	.140	.053	.156	.302	.078	.271
1960	Dec.	12,970	5,580	316	.136	.052	.160	.297	.083	.271
1961	Jan.	12,260	5,285	317	.135	.052	.161	.297	.085	.269
1961	Feb.	11,940	4,980	307	.137	.052	.160	.301	.083	.267
1961	Mar.	19,010	7,941	307	.144	.053	.151	.297	.070	.286
1961	Apr.	56,420	20,540	268	.162	.053	.129	.302	.046	.308
1961	May	233,000	34,090	108	.208	.053	.101	.388	.034	.216
1961	June	194,700	23,540	89	.208	.052	.101	.409	.038	.192
1961	July	21,910	6,338	213	.154	.053	.146	.335	.075	.237
1961	Aug.	8,081	3,635	331	.128	.052	.169	.291	.097	.263
1961	Sept.	31,770	9,772	226	.160	.053	.138	.324	.061	.263

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 38. 09251000 Yampa River near Maybell, Colo., water years 1951 through 1983--Continued										
1961	Oct.	61,570	13,690	164	0.184	0.052	0.121	0.356	0.055	0.232
1961	Nov.	33,670	9,696	212	.167	.052	.135	.334	.065	.247
1961	Dec.	21,720	7,953	269	.153	.052	.146	.316	.074	.259
1962	Jan.	19,780	7,579	282	.151	.052	.148	.313	.076	.261
1962	Feb.	41,290	15,920	284	.160	.053	.131	.299	.052	.305
1962	Mar.	45,050	19,900	325	.156	.053	.133	.288	.051	.320
1962	Apr.	386,500	104,400	199	.193	.054	.101	.313	.028	.310
1962	May	439,400	71,940	120	.221	.053	.090	.367	.028	.241
1962	June	304,600	41,570	100	.225	.052	.091	.392	.033	.208
1962	July	113,200	17,690	115	.204	.052	.107	.382	.047	.209
1962	Aug.	18,120	6,484	263	.151	.052	.149	.314	.079	.256
1962	Sept.	6,726	4,057	444	.122	.050	.174	.267	.099	.288
1962	Oct.	17,680	8,005	333	.147	.046	.156	.275	.087	.289
1962	Nov.	17,150	8,043	345	.145	.046	.157	.273	.086	.293
1962	Dec.	13,310	6,815	376	.138	.045	.164	.263	.095	.295
1963	Jan.	13,090	6,558	368	.138	.045	.164	.263	.096	.294
1963	Feb.	21,700	9,241	313	.152	.048	.150	.283	.076	.292
1963	Mar.	28,680	13,090	336	.151	.050	.148	.281	.067	.303
1963	Apr.	78,760	23,250	217	.182	.052	.122	.323	.046	.275
1963	May	250,900	30,860	90	.235	.047	.088	.387	.034	.209
1963	June	147,300	19,540	98	.227	.045	.095	.379	.044	.209
1963	July	16,570	5,737	255	.156	.042	.150	.289	.099	.263
1963	Aug.	13,240	6,402	356	.141	.045	.160	.267	.095	.292
1963	Sept.	11,850	5,216	324	.144	.043	.160	.271	.105	.278
1963	Oct.	7,210	3,918	400	.112	.057	.181	.266	.101	.283
1963	Nov.	11,950	6,263	386	.123	.059	.164	.282	.087	.286
1963	Dec.	8,450	4,776	416	.112	.059	.177	.267	.097	.287
1964	Jan.	8,450	4,188	364	.116	.057	.176	.271	.097	.283
1964	Feb.	9,223	4,441	354	.119	.058	.171	.276	.092	.283
1964	Mar.	13,570	6,031	327	.128	.058	.160	.288	.083	.282
1964	Apr.	67,130	24,840	272	.170	.061	.109	.337	.047	.276
1964	May	333,700	57,520	127	.227	.053	.074	.379	.027	.238
1964	June	292,500	33,330	84	.246	.047	.072	.389	.026	.220
1964	July	82,880	18,260	162	.193	.054	.103	.353	.044	.254
1964	Aug.	19,490	6,415	242	.146	.055	.147	.308	.073	.271
1964	Sept.	10,540	4,159	290	.129	.055	.166	.286	.089	.275
1964	Oct.	10,600	4,642	322	.124	.064	.155	.304	.073	.280
1964	Nov.	13,760	6,271	335	.125	.064	.151	.296	.066	.298
1964	Dec.	16,760	7,458	327	.128	.064	.148	.298	.063	.298
1965	Jan.	16,600	7,182	318	.130	.064	.148	.303	.064	.293

1965	Feb.	14,780	6,520	324	.128	.064	.148	.300	.064	.296
1965	Mar.	17,530	7,658	321	.130	.064	.147	.300	.062	.297
1965	Apr.	156,300	36,020	170	.188	.061	.099	.355	.031	.266
1965	May	386,200	50,850	97	.235	.058	.074	.420	.022	.191
1965	June	455,100	54,450	88	.243	.057	.070	.428	.020	.182
1965	July	150,000	23,020	113	.207	.059	.091	.407	.031	.204
1965	Aug.	46,290	13,310	211	.162	.063	.121	.347	.046	.260
1965	Sept.	29,810	8,629	213	.158	.063	.126	.350	.051	.251
1965	Oct.	37,140	12,940	256	.149	.063	.127	.325	.050	.285
1965	Nov.	25,080	11,420	335	.131	.062	.140	.287	.055	.325
1965	Dec.	20,050	8,211	301	.133	.063	.142	.306	.061	.295
1966	Jan.	20,590	8,610	308	.132	.063	.142	.304	.060	.297
1966	Feb.	15,530	6,760	320	.128	.063	.147	.299	.064	.299
1966	Mar.	87,770	19,900	167	.188	.061	.100	.381	.037	.233
1966	Apr.	121,600	20,100	122	.208	.059	.085	.431	.032	.184
1966	May	237,200	80,360	249	.177	.058	.095	.304	.026	.340
1966	June	109,900	46,970	314	.150	.058	.110	.271	.032	.378
1966	July	17,520	9,790	411	.116	.061	.150	.256	.060	.357
1966	Aug.	7,555	4,113	400	.108	.062	.165	.264	.078	.322
1966	Sept.	2,854	1,415	365	.096	.063	.186	.275	.109	.272
1966	Oct.	16,450	7,474	334	.128	.063	.143	.291	.065	.309
1966	Nov.	12,960	5,972	339	.126	.063	.146	.291	.067	.307
1966	Dec.	12,680	5,915	343	.125	.062	.147	.289	.068	.309
1967	Jan.	11,800	5,551	346	.125	.062	.148	.288	.068	.308
1967	Feb.	12,680	5,958	346	.126	.062	.146	.287	.067	.311
1967	Mar.	42,460	20,040	347	.133	.066	.134	.271	.059	.337
1967	Apr.	88,420	23,800	198	.157	.073	.110	.360	.046	.255
1967	May	249,800	39,200	115	.177	.077	.084	.438	.033	.191
1967	June	315,700	37,590	88	.183	.076	.072	.488	.028	.153
1967	July	108,600	23,010	156	.162	.073	.102	.392	.042	.229
1967	Aug.	21,360	8,454	291	.134	.065	.136	.310	.061	.293
1967	Sept.	14,100	5,495	287	.132	.064	.139	.316	.063	.286
1967	Oct.	16,800	6,652	291	.136	.065	.134	.308	.064	.293
1967	Nov.	14,640	7,019	353	.126	.063	.144	.281	.067	.318
1967	Dec.	12,000	5,310	325	.129	.064	.142	.293	.068	.304
1968	Jan.	13,670	5,735	309	.132	.064	.138	.300	.066	.298
1968	Feb.	14,060	6,051	316	.132	.064	.139	.296	.066	.303
1968	Mar.	27,910	13,540	357	.128	.065	.141	.278	.063	.326
1968	Apr.	88,910	27,040	224	.150	.070	.117	.325	.052	.286
1968	May	343,400	55,050	118	.189	.077	.079	.418	.038	.199
1968	June	466,000	116,000	183	.171	.076	.096	.355	.041	.259
1968	July	94,170	37,230	291	.143	.070	.124	.301	.053	.310
1968	Aug.	36,780	14,550	291	.138	.067	.130	.303	.059	.303
1968	Sept.	15,250	5,875	283	.137	.066	.133	.312	.064	.288
1968	Oct.	21,760	9,724	329	.133	.065	.137	.292	.060	.313
1968	Nov.	19,330	9,836	374	.127	.064	.143	.277	.061	.328
1968	Dec.	17,100	8,390	361	.128	.064	.142	.282	.062	.321
1969	Jan.	17,420	8,645	365	.128	.064	.143	.281	.062	.323
1969	Feb.	15,790	8,006	373	.127	.064	.143	.278	.062	.326
1969	Mar.	25,790	12,060	344	.131	.065	.138	.285	.059	.322
1969	Apr.	248,300	31,580	94	.192	.073	.080	.427	.039	.189
1969	May	400,300	64,930	119	.186	.074	.087	.398	.039	.217
1969	June	222,100	35,630	118	.183	.073	.089	.400	.041	.213
1969	July	74,740	23,550	232	.151	.070	.118	.325	.051	.285

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 38. 09251000 Yampa River near Maybell, Colo., water years 1951 through 1983--Continued										
1969	Aug.	20,890	7,646	269	0.141	0.066	0.130	0.317	0.060	0.286
1969	Sept.	20,050	6,807	250	.144	.066	.127	.326	.060	.277
1969	Oct.	27,670	12,010	319	.133	.066	.136	.288	.055	.322
1969	Nov.	24,540	11,380	341	.130	.066	.138	.282	.055	.328
1969	Dec.	22,120	9,997	332	.131	.066	.138	.286	.057	.322
1970	Jan.	21,540	9,738	332	.130	.066	.138	.286	.057	.322
1970	Feb.	21,900	13,020	437	.118	.064	.147	.252	.054	.365
1970	Mar.	30,050	18,580	455	.117	.063	.147	.246	.052	.375
1970	Apr.	81,760	43,330	390	.126	.062	.138	.249	.044	.381
1970	May	510,500	75,070	108	.199	.064	.088	.388	.036	.224
1970	June	443,200	63,520	105	.199	.064	.088	.391	.037	.222
1970	July	122,500	35,670	214	.159	.065	.116	.321	.044	.294
1970	Aug.	27,200	9,593	259	.143	.067	.128	.314	.056	.292
1970	Sept.	17,060	6,376	275	.138	.067	.132	.311	.060	.292
1970	Oct.	28,880	12,520	319	.133	.064	.138	.287	.050	.328
1970	Nov.	25,980	12,430	352	.129	.064	.140	.276	.050	.341
1970	Dec.	21,220	10,480	363	.126	.064	.143	.276	.052	.338
1971	Jan.	22,980	12,730	407	.123	.064	.142	.260	.050	.360
1971	Feb.	21,330	10,090	348	.128	.064	.141	.278	.051	.338
1971	Mar.	66,480	17,550	194	.157	.062	.120	.324	.043	.293
1971	Apr.	276,600	54,690	145	.179	.062	.105	.343	.035	.277
1971	May	393,600	58,450	109	.187	.060	.100	.367	.034	.253
1971	June	461,500	64,050	102	.194	.059	.097	.378	.033	.240
1971	July	116,900	26,500	167	.158	.062	.118	.329	.042	.291
1971	Aug.	19,670	8,625	322	.130	.063	.142	.292	.054	.319
1971	Sept.	15,130	6,468	314	.128	.063	.145	.299	.058	.306
1971	Oct.	18,830	7,842	306	.132	.061	.146	.300	.055	.306
1971	Nov.	21,140	12,740	443	.119	.063	.147	.246	.048	.376
1971	Dec.	19,090	8,918	344	.128	.062	.147	.284	.053	.325
1972	Jan.	21,330	9,901	341	.129	.062	.146	.283	.052	.328
1972	Feb.	25,070	12,310	361	.128	.063	.143	.268	.048	.350
1972	Mar.	72,230	27,290	278	.140	.063	.131	.277	.040	.349
1972	Apr.	125,900	27,640	161	.164	.060	.118	.342	.039	.276
1972	May	261,200	40,740	115	.178	.059	.109	.369	.035	.251
1972	June	289,900	33,020	84	.189	.055	.101	.414	.036	.205
1972	July	33,090	8,806	196	.148	.059	.134	.347	.053	.259
1972	Aug.	9,269	4,038	320	.127	.060	.154	.311	.065	.284
1972	Sept.	11,700	6,157	387	.122	.062	.153	.277	.057	.329
1972	Oct.	24,600	8,167	244	.140	.059	.144	.327	.053	.277
1972	Nov.	22,730	6,665	216	.144	.057	.142	.347	.055	.254

1972	Dec.	21,610	7,030	239	.140	.058	.145	.336	.055	.266
1973	Jan.	18,760	6,747	264	.136	.059	.148	.325	.056	.275
1973	Feb.	15,770	6,138	286	.133	.059	.150	.316	.057	.284
1973	Mar.	26,310	10,270	287	.136	.061	.145	.305	.050	.303
1973	Apr.	96,760	63,160	480	.118	.066	.120	.188	.025	.483
1973	May	472,800	237,200	369	.132	.068	.105	.187	.018	.489
1973	June	358,300	75,480	155	.172	.064	.108	.304	.025	.327
1973	July	130,800	19,210	108	.178	.056	.114	.392	.037	.223
1973	Aug.	31,760	11,620	269	.139	.061	.142	.306	.048	.303
1973	Sept.	12,220	6,100	367	.124	.060	.157	.290	.059	.310
1973	Oct.	15,360	7,626	365	.128	.062	.151	.287	.053	.319
1973	Nov.	20,090	8,986	329	.133	.062	.147	.292	.051	.315
1973	Dec.	21,960	9,705	325	.134	.062	.147	.293	.050	.314
1974	Jan.	18,920	8,789	342	.131	.062	.148	.291	.052	.316
1974	Feb.	15,030	7,285	356	.130	.062	.150	.288	.053	.318
1974	Mar.	35,470	13,050	271	.142	.062	.141	.302	.047	.307
1974	Apr.	224,600	42,280	138	.173	.062	.121	.333	.034	.277
1974	May	596,100	88,390	109	.188	.061	.112	.346	.029	.264
1974	June	369,400	63,360	126	.180	.061	.117	.339	.031	.271
1974	July	75,970	21,890	212	.153	.062	.133	.314	.041	.296
1974	Aug.	19,290	8,686	331	.132	.062	.148	.291	.051	.315
1974	Sept.	5,292	3,671	510	.114	.061	.161	.269	.062	.332
1974	Oct.	12,700	6,841	396	.123	.063	.148	.273	.054	.339
1974	Nov.	16,670	8,142	359	.128	.063	.145	.278	.051	.335
1974	Dec.	8,489	5,227	453	.118	.062	.152	.267	.058	.344
1975	Jan.	13,550	7,150	388	.124	.063	.147	.274	.053	.338
1975	Feb.	7,930	7,930	352	.129	.064	.144	.279	.050	.334
1975	Mar.	28,190	11,720	306	.135	.064	.140	.286	.047	.328
1975	Apr.	93,210	24,530	194	.156	.065	.127	.305	.037	.310
1975	May	334,400	60,590	133	.177	.066	.115	.321	.029	.292
1975	June	432,600	72,700	124	.181	.066	.112	.325	.028	.288
1975	July	208,300	42,420	150	.170	.066	.119	.318	.032	.295
1975	Aug.	31,320	12,020	282	.138	.064	.139	.291	.046	.322
1975	Sept.	10,690	5,233	360	.125	.062	.150	.284	.057	.322
1975	Oct.	15,200	6,474	313	.122	.060	.157	.283	.061	.317
1975	Nov.	17,740	7,889	327	.124	.061	.153	.277	.058	.327
1975	Dec.	16,740	7,456	328	.124	.060	.154	.279	.059	.324
1976	Jan.	15,110	6,666	324	.122	.060	.157	.281	.061	.319
1976	Feb.	19,760	9,744	363	.125	.062	.149	.266	.054	.345
1976	Mar.	32,630	20,930	472	.129	.067	.134	.236	.043	.392
1976	Apr.	87,080	33,700	285	.143	.069	.124	.267	.037	.360
1976	May	308,100	44,110	105	.163	.069	.114	.348	.033	.273
1976	June	220,900	24,600	82	.159	.064	.121	.381	.038	.237
1976	July	61,280	12,450	149	.141	.062	.139	.335	.049	.274
1976	Aug.	21,950	7,526	252	.128	.060	.152	.299	.058	.303
1976	Sept.	9,846	4,762	356	.118	.058	.163	.276	.067	.319
1976	Oct.	13,480	6,709	366	.121	.059	.157	.275	.063	.325
1976	Nov.	10,930	4,917	331	.121	.057	.163	.286	.070	.303
1976	Dec.	9,104	5,272	426	.114	.057	.165	.265	.071	.328
1977	Jan.	8,430	4,480	391	.115	.056	.168	.275	.075	.310
1977	Feb.	11,990	5,502	337	.122	.058	.158	.284	.065	.312
1977	Mar.	20,770	11,110	394	.123	.063	.145	.260	.052	.358
1977	Apr.	52,010	15,230	215	.144	.066	.128	.299	.041	.322
1977	May	113,800	27,870	180	.156	.070	.114	.307	.031	.323

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 38. 09251000 Yampa River near Maybell, Colo., water years 1951 through 1983--Continued										
1977	June	90,010	32,920	269	0.147	0.073	0.109	0.264	0.028	0.379
1977	July	4,800	3,098	475	.106	.053	.179	.257	.088	.317
1977	Aug.	4,866	3,317	501	.106	.054	.177	.255	.086	.322
1977	Sept.	4,983	2,843	420	.108	.053	.181	.272	.090	.296
1977	Oct.	11,050	4,988	332	.123	.059	.160	.280	.070	.308
1977	Nov.	11,780	5,185	324	.124	.059	.159	.281	.068	.309
1977	Dec.	10,660	4,916	339	.122	.059	.161	.279	.071	.308
1978	Jan.	13,770	4,980	266	.129	.056	.158	.300	.068	.289
1978	Feb.	15,490	5,813	276	.131	.058	.153	.293	.062	.303
1978	Mar.	34,360	14,920	319	.132	.068	.134	.258	.044	.364
1978	Apr.	197,900	56,310	209	.153	.069	.109	.263	.026	.381
1978	May	397,900	65,070	120	.177	.059	.103	.312	.023	.325
1978	June	530,600	53,760	74	.195	.050	.099	.362	.022	.273
1978	July	183,600	28,120	113	.174	.054	.113	.338	.030	.291
1978	Aug.	32,060	8,075	185	.145	.054	.143	.322	.054	.283
1978	Sept.	11,960	4,494	276	.127	.056	.159	.297	.070	.291
1978	Oct.	11,550	4,383	279	.135	.061	.147	.296	.058	.304
1978	Nov.	14,330	5,566	286	.135	.062	.144	.289	.054	.316
1978	Dec.	12,890	5,573	318	.131	.064	.146	.279	.055	.325
1979	Jan.	14,660	6,053	304	.133	.064	.144	.282	.053	.324
1979	Feb.	14,560	6,389	323	.131	.065	.143	.274	.051	.336
1979	Mar.	30,720	15,980	382	.125	.072	.132	.239	.039	.393
1979	Apr.	164,900	59,800	267	.138	.073	.112	.233	.026	.419
1979	May	478,600	78,400	120	.181	.058	.104	.306	.024	.327
1979	June	413,900	47,180	84	.200	.049	.102	.356	.027	.266
1979	July	121,900	23,830	144	.171	.056	.117	.319	.034	.303
1979	Aug.	24,930	7,672	226	.146	.060	.137	.304	.049	.304
1979	Sept.	7,311	3,765	379	.123	.066	.152	.268	.060	.331
1979	Oct.	10,740	4,757	326	.129	.065	.140	.261	.050	.355
1979	Nov.	17,410	8,076	341	.127	.068	.137	.249	.045	.373
1979	Dec.	13,160	6,088	340	.127	.067	.140	.255	.049	.362
1980	Jan.	12,870	6,308	361	.124	.069	.140	.249	.048	.369
1980	Feb.	25,430	12,320	356	.125	.072	.133	.235	.039	.397
1980	Mar.	31,720	19,040	441	.116	.078	.133	.213	.037	.424
1980	Apr.	169,700	43,140	187	.145	.067	.118	.251	.028	.391
1980	May	511,700	77,150	111	.184	.049	.105	.310	.024	.327
1980	June	380,400	61,950	120	.180	.050	.107	.307	.025	.330
1980	July	81,310	20,120	182	.157	.057	.121	.286	.034	.345
1980	Aug.	16,290	6,969	315	.130	.066	.138	.259	.047	.360
1980	Sept.	8,896	4,354	360	.124	.067	.143	.255	.052	.359

1980	Oct.	13,110	6,684	375	.122	.068	.140	.245	.044	.381
1980	Nov.	13,320	6,651	367	.123	.068	.140	.247	.044	.379
1980	Dec.	11,310	5,800	377	.122	.067	.142	.248	.046	.376
1981	Jan.	10,320	5,595	399	.119	.067	.144	.243	.047	.380
1981	Feb.	13,070	7,028	395	.120	.068	.141	.238	.043	.389
1981	Mar.	21,420	12,480	428	.117	.070	.139	.223	.039	.413
1981	Apr.	61,830	20,130	239	.140	.069	.122	.266	.034	.369
1981	May	186,400	38,610	152	.165	.068	.106	.308	.028	.326
1981	June	180,500	34,700	141	.168	.067	.104	.315	.028	.318
1981	July	31,770	8,802	204	.149	.065	.122	.305	.039	.319
1981	Aug.	7,508	3,063	300	.130	.065	.140	.279	.050	.336
1981	Sept.	3,652	1,977	398	.118	.065	.152	.259	.057	.350
1981	Oct.	19,310	7,855	299	.130	.067	.133	.264	.046	.358
1981	Nov.	15,970	6,344	292	.132	.067	.134	.274	.049	.344
1981	Dec.	17,880	8,215	338	.125	.068	.137	.252	.047	.371
1982	Jan.	18,050	8,344	340	.125	.068	.137	.251	.047	.372
1982	Feb.	21,200	11,560	401	.116	.069	.137	.221	.041	.415
1982	Mar.	44,720	30,940	509	.102	.070	.135	.177	.032	.484
1982	Apr.	147,800	59,480	296	.120	.069	.119	.202	.024	.466
1982	May	422,200	72,500	126	.172	.065	.097	.309	.022	.336
1982	June	429,700	44,380	76	.198	.059	.084	.385	.022	.253
1982	July	178,000	21,220	88	.187	.059	.092	.381	.028	.253
1982	Aug.	36,650	10,230	205	.148	.065	.120	.303	.041	.322
1982	Sept.	21,470	7,630	261	.137	.067	.129	.281	.046	.341
1982	Oct.	41,470	12,410	220	.145	.068	.120	.296	.040	.331
1982	Nov.	30,960	13,590	323	.129	.070	.129	.249	.040	.385
1982	Dec.	20,630	9,697	346	.126	.069	.134	.248	.043	.380
1983	Jan.	19,440	9,097	344	.126	.069	.134	.250	.044	.376
1983	Feb.	19,040	9,833	380	.122	.069	.135	.236	.042	.396
1983	Mar.	55,180	37,740	503	.107	.071	.127	.183	.032	.479
1983	Apr.	108,900	57,180	386	.115	.071	.119	.192	.029	.475
1983	May	373,100	79,120	156	.161	.070	.098	.293	.026	.353
1983	June	586,400	76,190	96	.182	.066	.086	.352	.024	.290
1983	July	245,100	35,890	108	.173	.065	.095	.350	.029	.288
1983	Aug.	57,040	16,300	210	.147	.068	.117	.293	.037	.338
1983	Sept.	18,090	9,455	384	.121	.069	.136	.236	.044	.393

Site 39. 09259700 Little Snake River near Baggs, Wyo., water years 1965 through 1968.

1964	Oct.	861	567	484	.114	.041	.201	.248	.081	.315
1964	Nov.	4,011	1,859	341	.144	.045	.172	.305	.049	.284
1964	Dec.	5,494	2,337	313	.150	.046	.166	.318	.045	.276
1965	Jan.	5,524	2,352	313	.150	.046	.166	.318	.045	.276
1965	Feb.	4,879	2,093	315	.150	.046	.166	.317	.045	.277
1965	Mar.	10,430	3,226	227	.169	.047	.147	.352	.035	.250
1965	Apr.	55,590	10,820	143	.206	.048	.110	.418	.018	.199
1965	May	161,400	22,880	104	.228	.048	.090	.454	.012	.169
1965	June	160,700	22,440	103	.229	.048	.089	.455	.012	.167
1965	July	35,990	7,943	162	.196	.048	.120	.401	.022	.213
1965	Aug.	8,583	3,023	259	.163	.047	.153	.341	.038	.259
1965	Sept.	20,920	4,953	174	.189	.048	.127	.388	.026	.222
1965	Oct.	11,450	3,822	246	.168	.047	.148	.350	.034	.253
1965	Nov.	7,966	2,957	273	.160	.047	.156	.336	.039	.263

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 39. 09259700 Little Snake River near Baggs, Wyo., water years 1965 through 1968--Continued										
1965	Dec.	7,468	2,855	281	0.158	0.047	0.158	0.332	0.040	0.266
1966	Jan.	6,922	2,737	291	.156	.046	.160	.328	.041	.269
1966	Feb.	4,899	2,095	315	.150	.046	.166	.317	.045	.276
1966	Mar.	57,840	10,390	132	.210	.048	.107	.424	.018	.194
1966	Apr.	66,800	12,490	138	.209	.048	.107	.424	.017	.195
1966	May	102,400	16,860	121	.218	.048	.099	.438	.014	.183
1966	June	31,790	7,113	165	.195	.048	.121	.399	.023	.214
1966	July	1,285	789	452	.120	.042	.196	.260	.072	.310
1966	Aug.	329	317	709	.091	.037	.224	.201	.109	.338
1966	Sept.	16	40	1,830	.043	.024	.257	.099	.229	.348
1966	Oct.	4,356	1,731	292	.151	.047	.162	.325	.046	.268
1966	Nov.	4,147	1,889	335	.145	.047	.169	.315	.048	.277
1966	Dec.	4,822	2,123	324	.147	.047	.166	.319	.046	.274
1967	Jan.	3,652	1,755	353	.141	.046	.173	.308	.050	.281
1967	Feb.	4,284	1,885	324	.147	.047	.166	.319	.047	.274
1967	Mar.	20,180	5,622	205	.179	.049	.133	.376	.029	.234
1967	Apr.	34,400	8,019	171	.192	.049	.120	.397	.024	.218
1967	May	109,100	17,530	118	.216	.048	.097	.436	.016	.186
1967	June	139,500	21,140	111	.221	.048	.093	.444	.015	.180
1967	July	22,080	5,690	190	.183	.049	.129	.383	.028	.228
1967	Aug.	860	611	522	.113	.043	.204	.254	.076	.310
1967	Sept.	5,173	1,750	249	.161	.047	.153	.342	.042	.256
1967	Oct.	4,992	2,167	319	.148	.047	.165	.321	.046	.273
1967	Nov.	4,195	1,904	334	.145	.047	.169	.315	.048	.276
1967	Dec.	5,762	2,404	307	.151	.047	.162	.326	.044	.269
1968	Jan.	5,841	2,428	306	.151	.047	.162	.327	.044	.269
1968	Feb.	5,960	2,406	297	.153	.047	.160	.330	.042	.267
1968	Mar.	9,525	3,376	261	.162	.048	.150	.347	.037	.256
1968	Apr.	33,380	7,734	170	.192	.049	.121	.397	.024	.218
1968	May	181,000	25,460	103	.226	.048	.089	.451	.013	.174
1968	June	191,500	26,060	100	.228	.048	.087	.454	.013	.171
1968	July	18,160	4,814	195	.181	.048	.132	.378	.029	.232
1968	Aug.	5,066	2,148	312	.149	.047	.164	.323	.045	.271
1968	Sept.	1,982	1,120	416	.130	.045	.186	.286	.060	.294

Site 40. 09260000 Little Snake River near Lily, Colo., water years 1951 through 1983.

1950	Oct.	3,247	2,097	475	.135	.038	.178	.242	.056	.351
1950	Nov.	6,046	3,239	394	.146	.040	.169	.271	.050	.323

1950 Dec.	4,510	2,590	422	.141	.039	.173	.258	.053	.335
1951 Jan.	3,729	2,022	399	.145	.039	.171	.266	.052	.327
1951 Feb.	8,057	3,910	357	.152	.041	.164	.287	.047	.308
1951 Mar.	14,720	7,627	381	.148	.040	.166	.279	.048	.318
1951 Apr.	35,530	12,220	253	.172	.043	.145	.345	.037	.258
1951 May	121,100	25,280	153	.196	.046	.116	.425	.026	.191
1951 June	86,380	19,980	170	.188	.045	.125	.399	.030	.214
1951 July	10,110	4,247	309	.152	.040	.161	.293	.047	.308
1951 Aug.	893	767	632	.116	.034	.191	.197	.066	.395
1951 Sept.	222	272	902	.094	.029	.202	.150	.079	.445
1951 Oct.	14,930	5,589	275	.164	.042	.152	.323	.041	.277
1951 Nov.	5,494	3,057	409	.144	.039	.171	.265	.051	.329
1951 Dec.	4,969	2,461	364	.151	.040	.166	.281	.049	.312
1952 Jan.	4,374	1,984	334	.157	.041	.162	.294	.047	.299
1952 Feb.	4,780	2,203	339	.156	.041	.163	.293	.047	.301
1952 Mar.	5,445	3,067	414	.144	.039	.172	.264	.052	.330
1952 Apr.	193,900	39,700	151	.197	.046	.114	.432	.025	.186
1952 May	296,200	55,830	139	.201	.046	.109	.446	.023	.175
1952 June	174,200	36,410	154	.196	.046	.115	.428	.026	.189
1952 July	14,840	6,156	305	.160	.042	.156	.310	.043	.289
1952 Aug.	7,551	6,513	634	.117	.035	.188	.205	.061	.395
1952 Sept.	1,847	1,890	753	.106	.032	.195	.179	.068	.420
1952 Oct.	1,902	1,859	719	.105	.031	.204	.177	.074	.408
1952 Nov.	3,045	2,487	601	.117	.034	.195	.203	.068	.384
1952 Dec.	3,997	2,668	491	.129	.036	.184	.230	.062	.359
1953 Jan.	4,612	2,571	410	.143	.039	.171	.260	.055	.332
1953 Feb.	4,165	2,428	429	.139	.039	.174	.253	.057	.338
1953 Mar.	18,950	10,630	413	.138	.039	.175	.264	.055	.330
1953 Apr.	25,620	12,180	350	.145	.040	.166	.286	.051	.311
1953 May	88,640	21,520	179	.184	.047	.120	.402	.032	.216
1953 June	108,800	18,010	122	.202	.049	.096	.458	.024	.171
1953 July	5,190	2,358	334	.147	.040	.164	.277	.053	.319
1953 Aug.	3,678	3,357	671	.105	.031	.205	.183	.073	.403
1953 Sept.	138	148	790	.105	.030	.202	.162	.078	.423
1953 Oct.	528	726	1,010	.096	.024	.212	.135	.079	.454
1953 Nov.	5,619	3,461	453	.139	.036	.177	.240	.058	.351
1953 Dec.	4,451	2,914	481	.136	.035	.180	.230	.060	.359
1954 Jan.	4,631	2,443	388	.147	.038	.168	.263	.054	.329
1954 Feb.	6,565	3,318	372	.149	.038	.166	.269	.053	.325
1954 Mar.	13,270	6,966	386	.148	.038	.168	.266	.053	.327
1954 Apr.	52,650	16,390	229	.170	.043	.140	.346	.041	.261
1954 May	68,380	12,520	135	.190	.050	.105	.441	.028	.186
1954 June	18,160	5,243	212	.174	.045	.134	.360	.039	.248
1954 July	1,564	2,208	1,040	.093	.023	.214	.131	.079	.460
1954 Aug.	14	14	754	.107	.029	.201	.161	.078	.424
1954 Sept.	2,422	2,921	887	.101	.025	.209	.147	.076	.444
1954 Oct.	2,787	2,181	575	.122	.028	.197	.201	.070	.382
1954 Nov.	3,727	2,114	417	.144	.034	.176	.254	.059	.333
1954 Dec.	4,171	2,809	495	.134	.031	.187	.228	.064	.356
1955 Jan.	3,501	1,895	398	.147	.035	.173	.261	.058	.327
1955 Feb.	3,273	1,618	364	.153	.036	.167	.275	.055	.314
1955 Mar.	16,740	8,269	363	.153	.035	.169	.281	.054	.309
1955 Apr.	34,930	13,350	281	.165	.037	.153	.321	.048	.275
1955 May	98,400	16,210	121	.202	.047	.096	.466	.027	.163

Table 7.---Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 40. 09260000 Little Snake River near Lily, Colo., water years 1951 through 1983--Continued										
1955	June	57,180	10,690	138	0.198	0.046	0.104	0.445	0.029	0.178
1955	July	4,733	4,684	728	.097	.022	.219	.155	.081	.426
1955	Aug.	3,576	3,998	822	.104	.023	.217	.163	.077	.416
1955	Sept.	145	158	798	.102	.025	.210	.154	.080	.429
1955	Oct.	192	280	1,070	.084	.021	.221	.129	.084	.461
1955	Nov.	4,128	2,529	450	.137	.029	.188	.245	.063	.338
1955	Dec.	8,975	4,927	404	.146	.029	.182	.265	.059	.318
1956	Jan.	7,087	3,885	403	.146	.030	.181	.266	.059	.317
1956	Feb.	5,137	2,853	408	.145	.030	.182	.262	.060	.321
1956	Mar.	76,250	34,310	331	.163	.029	.171	.305	.053	.279
1956	Apr.	69,760	19,970	211	.185	.033	.142	.375	.042	.223
1956	May	160,500	29,260	134	.208	.035	.110	.457	.031	.159
1956	June	71,400	12,020	124	.209	.036	.106	.466	.030	.154
1956	July	2,360	1,669	520	.127	.028	.196	.221	.067	.362
1956	Aug.	5,042	5,934	865	.098	.020	.222	.156	.078	.425
1956	Sept.	30	29	720	.104	.028	.205	.173	.076	.415
1956	Oct.	444	562	932	.086	.021	.223	.135	.080	.456
1956	Nov.	3,745	2,608	512	.129	.028	.196	.223	.066	.358
1956	Dec.	3,332	1,929	426	.144	.030	.183	.253	.061	.328
1957	Jan.	3,610	1,795	366	.156	.031	.173	.279	.057	.304
1957	Feb.	4,463	2,123	350	.158	.031	.171	.287	.056	.295
1957	Mar.	12,900	7,344	419	.143	.029	.187	.260	.062	.319
1957	Apr.	35,160	15,370	322	.159	.029	.172	.305	.057	.278
1957	May	149,900	34,760	171	.197	.031	.128	.422	.040	.182
1957	June	216,100	36,140	123	.213	.031	.104	.480	.032	.140
1957	July	67,610	13,990	152	.198	.031	.124	.423	.039	.185
1957	Aug.	7,932	4,434	411	.141	.029	.186	.255	.062	.327
1957	Sept.	2,658	1,682	465	.138	.029	.188	.238	.063	.343
1957	Oct.	6,355	3,331	385	.143	.030	.186	.268	.059	.316
1957	Nov.	8,896	4,393	363	.147	.030	.182	.283	.057	.301
1957	Dec.	6,674	3,291	363	.150	.031	.179	.280	.055	.305
1958	Jan.	5,792	3,016	383	.146	.031	.182	.271	.057	.314
1958	Feb.	9,184	4,355	349	.149	.029	.181	.290	.057	.294
1958	Mar.	18,970	9,137	354	.145	.027	.187	.295	.061	.285
1958	Apr.	46,220	16,360	260	.160	.027	.170	.346	.055	.242
1958	May	218,200	37,310	126	.201	.028	.116	.474	.036	.146
1958	June	99,120	14,090	105	.218	.031	.098	.489	.029	.135
1958	July	4,225	1,911	333	.155	.032	.171	.285	.052	.305
1958	Aug.	351	308	645	.117	.032	.192	.180	.057	.422
1958	Sept.	982	1,296	971	.081	.021	.234	.140	.079	.445

1958	Oct.	1,759	1,475	616	.112	.026	.209	.186	.067	.401
1958	Nov.	3,701	2,343	466	.129	.029	.196	.229	.061	.356
1958	Dec.	3,751	2,278	447	.132	.029	.193	.234	.059	.352
1959	Jan.	3,570	2,168	447	.132	.029	.192	.233	.059	.353
1959	Feb.	4,592	2,428	389	.141	.031	.185	.256	.056	.332
1959	Mar.	15,560	8,244	390	.134	.027	.195	.274	.063	.307
1959	Apr.	25,040	10,020	294	.151	.030	.174	.316	.054	.274
1959	May	69,350	12,450	132	.198	.037	.114	.446	.032	.173
1959	June	59,630	10,260	127	.201	.038	.111	.449	.030	.171
1959	July	8,982	3,680	301	.152	.031	.173	.306	.053	.285
1959	Aug.	3,953	4,692	873	.084	.018	.246	.159	.089	.403
1959	Sept.	16,090	12,650	578	.101	.020	.234	.226	.085	.333
1959	Oct.	10,700	4,482	308	.149	.030	.179	.300	.051	.291
1959	Nov.	9,642	4,309	329	.145	.030	.183	.293	.053	.297
1959	Dec.	5,246	3,026	424	.129	.027	.199	.256	.061	.329
1960	Jan.	3,134	2,189	514	.116	.025	.210	.228	.067	.354
1960	Feb.	3,917	2,509	471	.122	.026	.205	.241	.064	.342
1960	Mar.	9,283	4,474	354	.139	.028	.189	.283	.055	.305
1960	Apr.	87,720	20,420	171	.183	.033	.141	.401	.035	.206
1960	May	94,300	16,900	132	.204	.038	.119	.431	.028	.181
1960	June	72,710	13,660	138	.201	.038	.122	.422	.029	.188
1960	July	3,239	1,806	410	.127	.027	.199	.250	.062	.334
1960	Aug.	173	216	918	.079	.018	.240	.148	.090	.424
1960	Sept.	246	257	768	.086	.018	.247	.182	.089	.378
1960	Oct.	2,059	2,078	742	.090	.017	.242	.173	.090	.389
1960	Nov.	2,586	1,792	510	.115	.024	.211	.221	.069	.360
1960	Dec.	2,682	1,930	529	.113	.023	.213	.217	.070	.363
1961	Jan.	2,237	1,702	559	.109	.023	.217	.208	.072	.371
1961	Feb.	2,999	2,001	491	.118	.024	.209	.228	.068	.353
1961	Mar.	17,140	7,392	317	.151	.028	.181	.300	.053	.287
1961	Apr.	19,060	6,761	261	.163	.031	.166	.326	.047	.266
1961	May	62,460	11,870	140	.205	.039	.120	.421	.029	.187
1961	June	47,290	9,023	140	.204	.039	.120	.418	.029	.190
1961	July	288	216	551	.094	.021	.221	.178	.082	.405
1961	Aug.	591	800	996	.076	.015	.249	.142	.096	.422
1961	Sept.	3,393	2,343	508	.114	.022	.216	.222	.072	.354
1961	Oct.	13,100	4,939	277	.166	.032	.163	.318	.048	.273
1961	Nov.	9,481	4,555	353	.155	.030	.174	.296	.052	.293
1961	Dec.	9,531	5,030	388	.149	.029	.180	.288	.055	.300
1962	Jan.	8,549	4,656	401	.148	.028	.181	.283	.055	.304
1962	Feb.	25,120	8,929	261	.169	.032	.159	.343	.046	.252
1962	Mar.	77,480	37,870	359	.132	.021	.208	.317	.070	.252
1962	Apr.	158,500	45,370	211	.166	.029	.163	.372	.049	.221
1962	May	167,700	28,450	125	.204	.038	.117	.436	.030	.174
1962	June	84,020	14,820	130	.210	.041	.114	.426	.028	.182
1962	July	15,320	5,264	253	.165	.032	.164	.327	.048	.263
1962	Aug.	370	468	931	.089	.018	.227	.153	.083	.430
1962	Sept.	13	28	1,510	.065	.013	.241	.106	.096	.480
1962	Oct.	845	842	733	.091	.026	.224	.174	.085	.400
1962	Nov.	3,128	2,231	524	.117	.030	.203	.226	.071	.353
1962	Dec.	3,622	2,477	503	.121	.031	.199	.234	.069	.346
1963	Jan.	2,821	2,072	540	.116	.030	.203	.222	.072	.357
1963	Feb.	6,863	3,725	399	.139	.033	.183	.272	.061	.312
1963	Mar.	14,280	6,873	354	.122	.028	.199	.286	.066	.299

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 40. 09260000 Little Snake River near Lily, Colo., water years 1951 through 1983--Continued											
1963	Apr.	28,730	11,140	285	0.141	0.030	0.180	0.319	0.057	0.273	
1963	May	89,750	14,550	119	.233	.043	.105	.414	.029	.176	
1963	June	44,430	12,800	212	.169	.034	.158	.352	.049	.238	
1963	July	1,081	1,010	688	.093	.026	.224	.182	.084	.390	
1963	Aug.	4,680	6,283	987	.046	.012	.294	.158	.117	.372	
1963	Sept.	3,368	3,385	739	.070	.018	.260	.188	.098	.366	
1963	Oct.	437	570	960	.069	.024	.244	.130	.094	.439	
1963	Nov.	3,021	1,973	480	.120	.032	.202	.231	.071	.344	
1963	Dec.	2,428	2,003	607	.103	.030	.213	.199	.075	.379	
1964	Jan.	3,142	2,434	570	.108	.031	.208	.210	.072	.370	
1964	Feb.	3,293	2,475	553	.111	.031	.206	.216	.071	.365	
1964	Mar.	4,949	3,324	494	.120	.032	.198	.234	.067	.349	
1964	Apr.	23,240	12,320	390	.128	.036	.173	.261	.052	.351	
1964	May	143,700	34,830	178	.189	.038	.122	.394	.034	.223	
1964	June	114,100	20,340	131	.220	.036	.104	.450	.030	.161	
1964	July	18,100	4,825	196	.186	.034	.142	.370	.046	.221	
1964	Aug.	1,319	1,344	749	.083	.028	.219	.161	.076	.433	
1964	Sept.	246	341	1,020	.069	.024	.248	.128	.099	.432	
1964	Oct.	364	497	1,000	.057	.023	.256	.108	.098	.457	
1964	Nov.	4,473	3,061	503	.114	.033	.200	.227	.066	.360	
1964	Dec.	6,298	3,724	435	.128	.035	.187	.256	.060	.335	
1965	Jan.	5,673	3,245	421	.133	.035	.183	.266	.059	.324	
1965	Feb.	5,296	2,945	409	.139	.035	.177	.280	.057	.311	
1965	Mar.	11,760	6,947	434	.119	.035	.188	.238	.055	.365	
1965	Apr.	56,950	22,820	295	.153	.038	.152	.314	.040	.304	
1965	May	159,300	36,490	168	.212	.037	.093	.452	.023	.182	
1965	June	162,300	29,110	132	.236	.035	.070	.510	.017	.133	
1965	July	37,630	11,320	221	.189	.036	.120	.396	.033	.225	
1965	Aug.	10,930	7,749	521	.093	.030	.206	.186	.060	.426	
1965	Sept.	18,670	10,730	423	.113	.035	.189	.227	.052	.384	
1965	Oct.	13,790	5,567	297	.156	.035	.155	.351	.046	.257	
1965	Nov.	8,662	4,084	347	.143	.035	.169	.314	.051	.287	
1965	Dec.	7,966	4,131	381	.137	.036	.174	.285	.052	.315	
1966	Jan.	8,311	4,342	384	.138	.037	.174	.283	.051	.317	
1966	Feb.	5,355	2,762	379	.132	.034	.180	.293	.056	.305	
1966	Mar.	68,820	33,030	353	.186	.056	.119	.249	.024	.366	
1966	Apr.	59,850	16,650	205	.194	.035	.113	.432	.030	.196	
1966	May	94,810	20,190	157	.202	.030	.095	.504	.025	.145	
1966	June	36,640	9,278	186	.178	.030	.117	.463	.034	.178	
1966	July	1,704	1,642	709	.089	.037	.199	.144	.059	.470	

1966	Aug.	232	288	912	.061	.028	.235	.110	.084	.482
1966	Sept.	0	0	--	--	--	--	--	--	--
1966	Oct.	3,338	3,068	676	.083	.028	.223	.172	.070	.423
1966	Nov.	3,975	2,511	465	.118	.038	.190	.256	.061	.337
1966	Dec.	5,455	3,643	491	.114	.036	.195	.242	.062	.352
1967	Jan.	3,878	2,428	461	.119	.038	.189	.260	.061	.332
1967	Feb.	4,463	2,280	376	.134	.041	.173	.296	.056	.300
1967	Mar.	20,980	9,970	349	.140	.037	.168	.292	.051	.312
1967	Apr.	31,200	10,610	250	.166	.041	.140	.355	.043	.255
1967	May	104,000	18,770	133	.211	.043	.092	.463	.028	.164
1967	June	136,700	24,080	130	.212	.042	.091	.462	.027	.165
1967	July	27,530	8,409	225	.169	.042	.136	.369	.042	.243
1967	Aug.	1,889	1,734	675	.089	.031	.220	.188	.070	.402
1967	Sept.	3,491	2,949	621	.089	.028	.215	.181	.065	.422
1967	Oct.	4,633	2,755	437	.128	.038	.183	.264	.058	.329
1967	Nov.	3,868	2,294	436	.128	.038	.183	.264	.058	.329
1967	Dec.	6,387	3,692	425	.130	.037	.182	.269	.057	.326
1968	Jan.	6,238	3,421	403	.133	.039	.179	.276	.055	.318
1968	Feb.	7,359	3,924	392	.134	.038	.178	.280	.055	.316
1968	Mar.	16,140	8,545	389	.131	.035	.180	.278	.055	.321
1968	Apr.	35,170	18,570	388	.127	.032	.182	.274	.055	.329
1968	May	177,200	37,880	157	.176	.042	.128	.413	.034	.206
1968	June	193,000	29,880	114	.193	.047	.107	.461	.027	.165
1968	July	22,550	6,663	217	.161	.044	.147	.357	.042	.248
1968	Aug.	5,804	4,097	519	.116	.033	.194	.237	.063	.359
1968	Sept.	1,706	1,496	645	.110	.034	.199	.218	.067	.372
1968	Oct.	5,605	3,065	402	.132	.037	.181	.276	.058	.317
1968	Nov.	6,248	3,345	394	.133	.038	.180	.279	.057	.313
1968	Dec.	5,623	3,079	403	.132	.038	.180	.277	.058	.315
1969	Jan.	5,564	2,835	375	.137	.039	.176	.286	.056	.305
1969	Feb.	4,840	2,499	380	.136	.039	.177	.285	.056	.307
1969	Mar.	26,390	12,130	338	.132	.034	.177	.294	.053	.310
1969	Apr.	88,160	28,120	235	.149	.038	.160	.339	.046	.269
1969	May	163,800	23,850	107	.192	.051	.111	.449	.029	.168
1969	June	75,620	17,040	166	.170	.045	.137	.389	.038	.220
1969	July	18,210	5,999	242	.150	.042	.160	.329	.048	.271
1969	Aug.	1,853	1,710	678	.102	.029	.206	.207	.071	.385
1969	Sept.	2,558	1,533	441	.121	.034	.189	.251	.063	.341
1969	Oct.	9,092	4,287	347	.140	.037	.177	.291	.056	.300
1969	Nov.	8,031	4,057	371	.138	.037	.179	.285	.057	.305
1969	Dec.	5,268	3,087	431	.133	.036	.184	.267	.060	.322
1970	Jan.	5,762	3,286	419	.134	.036	.183	.270	.059	.318
1970	Feb.	10,550	4,811	335	.142	.038	.175	.297	.055	.293
1970	Mar.	14,800	6,303	313	.144	.039	.172	.306	.053	.285
1970	Apr.	38,730	11,670	222	.155	.041	.159	.349	.047	.249
1970	May	215,400	39,810	136	.170	.045	.137	.414	.037	.197
1970	June	177,200	34,910	145	.168	.045	.140	.406	.038	.203
1970	July	28,530	9,404	242	.152	.041	.163	.336	.049	.260
1970	Aug.	2,618	1,789	502	.126	.034	.189	.246	.063	.343
1970	Sept.	3,725	2,322	458	.130	.035	.186	.258	.061	.330
1970	Oct.	11,240	4,741	310	.143	.038	.170	.301	.059	.289
1970	Nov.	9,945	4,367	323	.142	.038	.172	.296	.060	.293
1970	Dec.	8,168	3,783	341	.140	.037	.174	.289	.061	.299
1971	Jan.	8,648	3,949	336	.141	.037	.173	.291	.060	.298

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 40. 09260000 Little Snake River near Lily, Colo., water years 1951 through 1983--Continued										
1971	Feb.	8,827	3,924	327	0.142	0.037	0.172	0.294	0.060	0.294
1971	Mar.	37,610	11,080	217	.154	.040	.154	.349	.053	.249
1971	Apr.	95,600	24,330	187	.159	.042	.146	.373	.049	.230
1971	May	207,200	44,450	158	.164	.043	.138	.398	.046	.211
1971	June	214,600	45,530	156	.164	.043	.138	.400	.046	.209
1971	July	35,940	11,130	228	.153	.040	.156	.344	.053	.253
1971	Aug.	1,515	994	482	.127	.033	.188	.241	.067	.344
1971	Sept.	3,299	1,820	406	.134	.035	.181	.264	.064	.322
1971	Oct.	7,581	3,609	350	.138	.036	.179	.278	.061	.309
1971	Nov.	8,743	4,014	338	.139	.036	.177	.283	.060	.304
1971	Dec.	9,467	4,289	333	.139	.036	.177	.285	.060	.303
1972	Jan.	8,600	4,012	343	.138	.036	.178	.281	.060	.306
1972	Feb.	24,390	8,352	252	.148	.038	.166	.321	.054	.272
1972	Mar.	46,220	14,560	232	.151	.039	.162	.335	.053	.261
1972	Apr.	48,110	14,830	227	.152	.039	.161	.338	.052	.259
1972	May	104,300	27,390	193	.156	.040	.153	.361	.049	.240
1972	June	96,700	25,140	191	.156	.040	.153	.362	.049	.240
1972	July	6,272	2,903	340	.138	.036	.178	.280	.061	.308
1972	Aug.	412	343	613	.116	.030	.198	.206	.072	.377
1972	Sept.	153	166	800	.106	.028	.205	.178	.076	.406
1972	Oct.	4,515	2,331	380	.137	.036	.179	.267	.058	.323
1972	Nov.	9,092	4,212	341	.142	.038	.174	.282	.055	.309
1972	Dec.	6,506	3,300	373	.138	.037	.178	.270	.057	.319
1973	Jan.	6,159	3,163	378	.138	.037	.178	.269	.058	.321
1973	Feb.	5,038	2,645	386	.137	.036	.179	.266	.058	.323
1973	Mar.	7,805	3,775	356	.140	.037	.176	.276	.056	.314
1973	Apr.	63,120	18,470	215	.157	.041	.154	.346	.044	.258
1973	May	219,700	49,840	167	.165	.043	.141	.383	.038	.230
1973	June	149,800	36,670	180	.163	.042	.145	.372	.039	.238
1973	July	36,010	12,170	249	.153	.040	.160	.326	.047	.274
1973	Aug.	6,672	3,204	353	.140	.037	.176	.276	.056	.314
1973	Sept.	4,977	2,605	385	.137	.036	.179	.265	.058	.324
1973	Oct.	5,994	3,220	395	.133	.037	.183	.268	.055	.324
1973	Nov.	9,880	4,554	339	.140	.039	.176	.286	.051	.308
1973	Dec.	8,113	4,024	365	.137	.038	.179	.278	.053	.315
1974	Jan.	6,508	3,417	386	.134	.038	.182	.271	.054	.321
1974	Feb.	6,258	3,238	381	.135	.038	.181	.273	.054	.320
1974	Mar.	11,590	5,184	329	.142	.039	.175	.290	.050	.304
1974	Apr.	63,860	17,090	197	.164	.043	.152	.351	.039	.251
1974	May	254,600	50,130	145	.178	.045	.136	.391	.032	.218

1974	June	151,200	33,670	164	.173	.044	.142	.376	.035	.230
1974	July	17,300	6,856	291	.147	.040	.170	.304	.048	.292
1974	Aug.	2,934	1,794	450	.126	.036	.189	.251	.059	.339
1974	Sept.	399	430	792	.101	.030	.209	.191	.073	.396
1974	Oct.	3,493	2,103	443	.128	.037	.184	.255	.057	.338
1974	Nov.	6,191	3,290	391	.135	.038	.178	.271	.053	.324
1974	Dec.	4,818	2,766	422	.131	.037	.182	.262	.055	.332
1975	Jan.	4,366	2,554	430	.130	.037	.183	.260	.056	.334
1975	Feb.	5,348	2,903	399	.134	.038	.179	.269	.054	.327
1975	Mar.	15,100	6,325	308	.147	.040	.166	.299	.047	.300
1975	Apr.	24,350	8,724	264	.154	.042	.159	.318	.043	.285
1975	May	160,200	35,170	161	.177	.046	.133	.377	.032	.235
1975	June	150,300	33,820	166	.176	.046	.134	.376	.033	.236
1975	July	46,580	14,860	235	.159	.043	.153	.332	.040	.273
1975	Aug.	7,301	4,346	438	.124	.036	.188	.257	.057	.339
1975	Sept.	4,528	5,049	820	.082	.027	.227	.183	.079	.402
1975	Oct.	5,407	3,183	433	.120	.033	.192	.250	.061	.344
1975	Nov.	7,994	3,740	344	.138	.038	.173	.282	.051	.317
1975	Dec.	8,539	4,032	347	.138	.038	.174	.281	.051	.318
1976	Jan.	7,627	4,127	398	.125	.034	.186	.265	.057	.332
1976	Feb.	19,000	8,172	316	.134	.036	.177	.290	.053	.310
1976	Mar.	25,770	12,630	360	.119	.031	.193	.274	.061	.322
1976	Apr.	38,870	16,310	308	.127	.033	.184	.293	.056	.307
1976	May	146,000	29,820	150	.174	.047	.133	.379	.035	.233
1976	June	100,300	18,560	136	.188	.051	.122	.385	.031	.222
1976	July	18,220	7,523	304	.136	.037	.174	.296	.051	.306
1976	Aug.	4,147	2,353	417	.124	.034	.187	.256	.058	.340
1976	Sept.	532	557	769	.100	.028	.211	.194	.071	.396
1976	Oct.	4,602	3,424	547	.104	.028	.214	.223	.071	.359
1976	Nov.	3,828	2,450	471	.120	.033	.195	.246	.061	.345
1976	Dec.	2,471	1,820	542	.115	.032	.201	.232	.065	.355
1977	Jan.	2,341	1,714	539	.116	.032	.201	.232	.065	.354
1977	Feb.	3,277	1,806	405	.137	.038	.178	.266	.054	.328
1977	Mar.	7,143	3,204	330	.146	.040	.167	.288	.048	.321
1977	Apr.	23,580	8,631	269	.144	.038	.165	.304	.048	.301
1977	May	31,810	8,132	188	.177	.047	.131	.351	.034	.260
1977	June	18,370	6,771	271	.144	.038	.165	.304	.048	.302
1977	July	4,806	2,238	342	.120	.032	.194	.263	.062	.330
1977	Aug.	807	889	810	.085	.023	.239	.182	.087	.384
1977	Sept.	257	324	927	.089	.025	.233	.176	.085	.392
1977	Oct.	1,274	1,324	764	.086	.023	.241	.188	.085	.377
1977	Nov.	2,918	1,901	479	.121	.033	.195	.244	.060	.348
1977	Dec.	8,307	4,353	385	.126	.033	.188	.262	.056	.335
1978	Jan.	7,010	3,800	399	.125	.033	.188	.260	.056	.337
1978	Feb.	8,097	3,735	339	.137	.036	.175	.278	.050	.324
1978	Mar.	31,470	14,540	340	.113	.028	.201	.264	.059	.335
1978	Apr.	51,030	18,490	266	.129	.032	.181	.292	.050	.316
1978	May	161,000	33,060	151	.168	.042	.135	.358	.032	.265
1978	June	189,000	33,990	132	.179	.045	.126	.368	.030	.252
1978	July	38,600	9,724	185	.170	.044	.141	.332	.036	.277
1978	Aug.	4,338	2,587	439	.122	.033	.193	.251	.058	.343
1978	Sept.	4,007	2,313	424	.122	.032	.193	.252	.059	.343
1978	Oct.	3,279	2,229	500	.116	.031	.201	.233	.065	.353
1978	Nov.	3,487	2,256	476	.120	.032	.196	.240	.063	.348

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 40. 09260000 Little Snake River near Lily, Colo., water years 1951 through 1983--Continued										
1978	Dec.	2,585	1,649	469	0.130	0.034	0.185	0.247	0.062	0.341
1979	Jan.	2,700	1,645	448	.133	.035	.183	.251	.061	.337
1979	Feb.	4,157	2,019	357	.148	.038	.166	.278	.052	.317
1979	Mar.	13,020	6,201	350	.121	.032	.196	.261	.054	.335
1979	Apr.	53,200	21,800	301	.107	.029	.215	.257	.052	.339
1979	May	169,500	26,260	114	.191	.046	.117	.389	.026	.232
1979	June	135,400	18,020	97	.217	.050	.095	.411	.021	.205
1979	July	24,930	6,655	196	.166	.041	.148	.324	.040	.281
1979	Aug.	4,229	2,341	407	.123	.033	.193	.249	.061	.342
1979	Sept.	1,067	1,016	700	.099	.028	.221	.198	.079	.376
1979	Oct.	7,486	3,290	323	.136	.036	.178	.266	.052	.332
1979	Nov.	6,093	4,166	503	.106	.030	.210	.217	.061	.376
1979	Dec.	4,122	2,510	448	.126	.033	.188	.235	.059	.358
1980	Jan.	7,634	3,894	375	.132	.035	.183	.254	.054	.342
1980	Feb.	5,123	2,860	410	.129	.034	.186	.244	.057	.350
1980	Mar.	22,350	7,703	253	.144	.038	.170	.294	.045	.309
1980	Apr.	105,900	27,670	192	.142	.038	.170	.325	.038	.286
1980	May	243,000	49,320	149	.152	.040	.157	.356	.033	.261
1980	June	131,100	28,460	160	.158	.041	.153	.351	.035	.263
1980	July	22,470	7,353	241	.144	.038	.169	.299	.045	.305
1980	Aug.	725	713	723	.109	.029	.201	.188	.073	.400
1980	Sept.	1,319	1,071	597	.116	.031	.196	.205	.068	.384
1980	Oct.	6,294	3,819	446	.118	.032	.196	.226	.062	.366
1980	Nov.	8,848	4,732	393	.128	.034	.186	.246	.057	.349
1980	Dec.	5,633	3,144	410	.133	.035	.182	.244	.057	.350
1981	Jan.	4,816	2,973	454	.127	.034	.187	.231	.060	.361
1981	Feb.	7,867	4,052	379	.132	.035	.182	.252	.055	.343
1981	Mar.	15,140	6,715	326	.138	.036	.177	.271	.051	.327
1981	Apr.	35,680	12,070	249	.141	.037	.173	.295	.047	.307
1981	May	95,200	21,150	163	.165	.042	.144	.360	.035	.254
1981	June	63,180	16,950	197	.152	.040	.158	.332	.040	.278
1981	July	4,217	2,603	454	.125	.034	.188	.229	.061	.363
1981	Aug.	1,142	1,015	654	.108	.030	.204	.188	.072	.399
1981	Sept.	245	309	929	.101	.028	.202	.157	.083	.428
1981	Oct.	16,280	6,595	298	.147	.039	.163	.289	.045	.317
1981	Nov.	9,255	4,629	368	.139	.037	.173	.262	.050	.338
1981	Dec.	8,930	4,524	373	.139	.037	.174	.260	.050	.340
1982	Jan.	7,871	4,233	395	.135	.036	.178	.253	.052	.346
1982	Feb.	7,178	3,849	394	.135	.036	.178	.253	.052	.346
1982	Mar.	17,680	8,138	338	.138	.037	.173	.273	.049	.330

1982 Apr.	49,600	13,960	207	.162	.042	.144	.334	.037	.280
1982 May	197,100	32,950	123	.192	.048	.108	.410	.024	.216
1982 June	181,300	21,850	88	.223	.053	.082	.450	.017	.176
1982 July	58,940	11,240	140	.195	.048	.114	.382	.027	.234
1982 Aug.	8,809	4,232	353	.139	.037	.173	.263	.051	.337
1982 Sept.	7,216	3,504	357	.138	.037	.175	.259	.052	.340
1982 Oct.	11,500	5,359	343	.144	.039	.167	.291	.045	.314
1982 Nov.	7,260	3,665	371	.146	.040	.171	.298	.048	.298
1982 Dec.	4,998	2,360	347	.157	.043	.162	.326	.046	.266
1983 Jan.	3,074	1,306	312	.173	.047	.149	.366	.043	.221
1983 Feb.	4,721	1,840	287	.173	.047	.144	.362	.040	.234
1983 Mar.	25,730	11,770	336	.140	.038	.165	.278	.042	.337
1983 Apr.	43,790	17,830	299	.140	.037	.160	.272	.040	.352
1983 May	192,200	43,590	167	.180	.044	.117	.344	.025	.290
1983 June	273,800	44,450	119	.207	.050	.093	.398	.019	.233
1983 July	81,800	19,060	171	.187	.047	.116	.367	.026	.256
1983 Aug.	16,180	7,126	324	.150	.040	.161	.300	.043	.306
1983 Sept.	6,224	3,927	464	.128	.036	.189	.260	.054	.332

Site 41. 09261000 Green River near Jensen, Utah, water years 1962 through 1983.

1961 Oct.	147,700	70,910	353	.169	.042	.134	.253	.063	.339
1961 Nov.	103,100	54,310	387	.164	.041	.138	.244	.069	.343
1961 Dec.	70,640	41,490	432	.158	.041	.143	.233	.077	.348
1962 Jan.	62,880	38,590	451	.156	.040	.145	.229	.080	.349
1962 Feb.	259,700	93,660	265	.182	.043	.121	.281	.049	.324
1962 Mar.	272,700	99,140	267	.181	.043	.122	.280	.050	.324
1962 Apr.	914,200	255,700	206	.194	.044	.110	.306	.036	.310
1962 May	1,050,000	285,800	200	.195	.045	.108	.309	.035	.308
1962 June	820,200	238,800	214	.192	.044	.111	.302	.038	.312
1962 July	451,300	154,100	251	.185	.044	.119	.287	.045	.322
1962 Aug.	144,300	69,320	353	.168	.042	.134	.253	.063	.339
1962 Sept.	58,350	36,200	456	.156	.040	.146	.228	.081	.350
1962 Oct.	68,350	40,960	441	.157	.040	.144	.231	.078	.348
1962 Nov.	35,310	25,190	525	.148	.039	.152	.214	.093	.354
1962 Dec.	32,470	24,020	544	.147	.039	.153	.211	.096	.355
1963 Jan.	45,910	30,890	495	.151	.040	.149	.220	.087	.352
1963 Feb.	63,160	37,600	438	.158	.040	.144	.232	.078	.348
1963 Mar.	58,350	35,900	452	.156	.040	.145	.229	.081	.349
1963 Apr.	120,800	60,640	369	.166	.042	.136	.249	.066	.341
1963 May	338,600	127,200	276	.180	.043	.123	.277	.049	.327
1963 June	204,000	86,990	314	.174	.043	.129	.265	.056	.334
1963 July	30,650	22,870	549	.146	.039	.154	.210	.097	.355
1963 Aug.	27,870	21,430	565	.144	.038	.155	.207	.099	.356
1963 Sept.	30,060	22,480	550	.146	.039	.154	.210	.097	.355
1963 Oct.	21,270	18,350	634	.164	.029	.149	.240	.114	.304
1963 Nov.	37,580	27,370	536	.140	.043	.153	.202	.087	.374
1963 Dec.	63,680	39,920	461	.116	.062	.152	.164	.065	.442
1964 Jan.	73,730	45,160	450	.118	.059	.153	.166	.066	.437
1964 Feb.	75,570	45,170	440	.115	.062	.153	.161	.063	.446
1964 Mar.	62,930	40,280	471	.124	.055	.154	.176	.071	.421
1964 Apr.	146,600	72,970	366	.087	.090	.144	.120	.042	.517
1964 May	538,400	184,800	252	.045	.159	.114	.059	.017	.606

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 41. 09261000 Green River near Jensen, Utah, water years 1962 through 1983--Continued										
1964	June	486,300	175,100	265	0.053	0.139	0.123	0.071	0.021	0.592
1964	July	255,100	110,100	317	.070	.111	.135	.095	.031	.556
1964	Aug.	146,900	74,280	372	.091	.084	.146	.126	.045	.507
1964	Sept.	142,500	71,290	368	.087	.089	.144	.120	.043	.516
1964	Oct.	168,300	96,260	421	--	--	--	--	--	--
1964	Nov.	158,100	87,990	409	--	--	--	--	--	--
1964	Dec.	214,200	108,200	371	--	--	--	--	--	--
1965	Jan.	258,600	124,200	353	--	--	--	--	--	--
1965	Feb.	247,000	140,000	417	--	--	--	--	--	--
1965	Mar.	271,800	161,100	436	--	--	--	--	--	--
1965	Apr.	412,700	229,100	408	--	--	--	--	--	--
1965	May	597,500	189,300	233	--	--	--	--	--	--
1965	June	694,900	209,100	221	--	--	--	--	--	--
1965	July	237,300	85,110	264	--	--	--	--	--	--
1965	Aug.	103,700	59,970	425	--	--	--	--	--	--
1965	Sept.	108,800	71,030	480	--	--	--	--	--	--
1965	Oct.	150,300	91,870	450	.146	.051	.120	.195	.048	.439
1965	Nov.	160,600	101,700	465	.143	.051	.123	.194	.050	.438
1965	Dec.	158,900	100,700	466	.145	.052	.121	.195	.049	.439
1966	Jan.	111,700	77,020	507	.139	.050	.130	.184	.051	.446
1966	Feb.	104,400	71,010	500	.139	.050	.130	.184	.051	.445
1966	Mar.	245,500	120,400	361	.139	.052	.130	.194	.054	.432
1966	Apr.	322,200	157,100	358	.153	.054	.108	.215	.046	.425
1966	May	418,100	140,400	247	.169	.055	.090	.236	.039	.410
1966	June	256,600	107,600	308	.165	.054	.094	.225	.040	.422
1966	July	131,400	87,470	489	.142	.051	.125	.189	.050	.443
1966	Aug.	134,400	97,840	535	.137	.050	.135	.183	.053	.442
1966	Sept.	133,200	94,640	523	.138	.050	.132	.184	.053	.443
1966	Oct.	155,000	113,900	541	.131	.056	.132	.183	.050	.447
1966	Nov.	114,200	83,740	539	.136	.054	.127	.187	.049	.446
1966	Dec.	135,500	91,740	498	.136	.055	.127	.190	.049	.443
1967	Jan.	163,300	106,900	481	.133	.056	.130	.188	.049	.444
1967	Feb.	121,600	87,550	530	.134	.055	.130	.185	.050	.447
1967	Mar.	143,500	96,360	494	.137	.056	.125	.194	.048	.440
1967	Apr.	218,800	115,500	388	.145	.059	.114	.220	.045	.417
1967	May	463,300	145,500	231	.160	.064	.090	.281	.037	.368
1967	June	676,300	246,700	268	.143	.067	.108	.250	.042	.389
1967	July	318,600	170,400	393	.137	.061	.121	.214	.046	.421
1967	Aug.	219,300	162,200	544	.124	.058	.141	.177	.052	.449
1967	Sept.	203,500	154,100	557	.123	.058	.142	.174	.052	.451

1967	Oct.	221,900	167,200	554	.126	.058	.133	.178	.050	.456
1967	Nov.	204,600	156,500	563	.125	.058	.133	.178	.050	.457
1967	Dec.	220,600	146,000	487	.131	.058	.132	.189	.050	.440
1968	Jan.	217,800	139,900	472	.131	.058	.132	.190	.050	.438
1968	Feb.	153,000	102,800	494	.133	.057	.131	.189	.050	.440
1968	Mar.	134,600	95,600	522	.132	.056	.131	.186	.050	.444
1968	Apr.	227,400	148,400	480	.130	.058	.132	.189	.050	.440
1968	May	617,100	220,400	263	.145	.062	.130	.234	.050	.380
1968	June	782,500	198,900	187	.152	.062	.127	.258	.050	.351
1968	July	344,100	177,700	380	.136	.060	.132	.206	.050	.417
1968	Aug.	256,500	172,600	495	.129	.059	.133	.187	.050	.443
1968	Sept.	202,400	140,300	510	.129	.058	.132	.186	.050	.445
1968	Oct.	179,500	121,200	497	.129	.058	.133	.193	.050	.436
1968	Nov.	182,000	116,600	471	.131	.058	.134	.199	.050	.428
1968	Dec.	182,700	116,900	471	.132	.058	.134	.201	.050	.425
1969	Jan.	222,500	143,600	475	.131	.059	.132	.198	.048	.432
1969	Feb.	263,500	175,700	490	.129	.061	.130	.193	.045	.442
1969	Mar.	238,100	149,400	462	.131	.059	.132	.200	.047	.430
1969	Apr.	487,900	230,900	348	.140	.060	.130	.231	.042	.396
1969	May	719,700	230,400	235	.155	.057	.131	.285	.041	.332
1969	June	426,600	159,500	275	.149	.056	.133	.264	.045	.353
1969	July	270,400	143,600	391	.137	.058	.133	.220	.048	.404
1969	Aug.	232,300	153,700	487	.130	.060	.132	.195	.048	.436
1969	Sept.	202,800	133,800	485	.130	.059	.133	.195	.049	.435
1969	Oct.	181,400	111,800	453	.133	.055	.139	.205	.052	.416
1969	Nov.	171,400	102,300	439	.134	.055	.139	.209	.052	.411
1969	Dec.	229,400	135,700	435	.135	.055	.138	.209	.049	.414
1970	Jan.	149,800	91,840	451	.133	.055	.139	.207	.053	.412
1970	Feb.	119,200	72,080	445	.134	.054	.140	.209	.055	.409
1970	Mar.	140,900	87,110	455	.133	.054	.140	.205	.054	.413
1970	Apr.	233,900	136,900	430	.135	.055	.137	.210	.049	.414
1970	May	795,300	212,300	196	.157	.052	.132	.301	.041	.317
1970	June	742,400	161,400	160	.161	.050	.130	.328	.041	.289
1970	July	303,100	116,400	282	.146	.053	.137	.256	.049	.359
1970	Aug.	174,600	104,400	440	.134	.055	.139	.209	.052	.411
1970	Sept.	145,700	92,240	466	.132	.055	.139	.203	.053	.417
1970	Oct.	119,200	70,620	436	.136	.053	.139	.213	.054	.405
1970	Nov.	111,800	65,480	431	.136	.053	.139	.215	.055	.402
1970	Dec.	120,100	71,530	438	.136	.053	.139	.213	.054	.405
1971	Jan.	153,000	83,900	403	.138	.053	.138	.220	.052	.399
1971	Feb.	99,390	58,710	434	.136	.053	.139	.214	.055	.402
1971	Mar.	159,600	84,150	388	.139	.053	.138	.222	.051	.398
1971	Apr.	424,200	151,000	262	.150	.051	.132	.260	.042	.364
1971	May	649,700	168,800	191	.158	.051	.128	.298	.041	.325
1971	June	782,900	174,800	164	.161	.050	.135	.315	.039	.310
1971	July	284,700	105,400	272	.148	.052	.134	.257	.048	.361
1971	Aug.	169,800	97,750	423	.137	.053	.138	.214	.049	.409
1971	Sept.	151,800	92,920	450	.135	.053	.138	.208	.049	.417
1971	Oct.	140,700	86,250	451	.137	.052	.137	.211	.050	.413
1971	Nov.	194,900	110,700	418	.140	.052	.135	.216	.046	.411
1971	Dec.	221,500	120,000	398	.142	.052	.134	.220	.045	.406
1972	Jan.	192,000	107,300	411	.141	.052	.135	.218	.047	.407
1972	Feb.	213,000	116,600	402	.141	.052	.134	.219	.045	.408
1972	Mar.	221,400	114,600	381	.144	.052	.134	.225	.046	.400

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 41. 09261000 Green River near Jensen, Utah, water years 1962 through 1983--Continued										
1972	Apr.	292,700	127,700	321	0.150	0.052	0.131	0.239	0.044	0.384
1972	May	595,500	203,100	251	.161	.051	.126	.261	.038	.363
1972	June	593,700	180,200	223	.165	.051	.124	.272	.039	.349
1972	July	218,500	114,300	385	.143	.052	.134	.224	.046	.401
1972	Aug.	179,100	105,100	431	.139	.052	.136	.214	.047	.412
1972	Sept.	78,440	50,450	473	.134	.053	.140	.208	.057	.409
1972	Oct.	224,800	132,600	434	.138	.053	.135	.210	.045	.420
1972	Nov.	251,900	149,400	436	.136	.053	.136	.209	.044	.423
1972	Dec.	250,300	141,200	415	.140	.053	.134	.214	.044	.416
1973	Jan.	241,500	126,700	386	.145	.053	.131	.221	.044	.405
1973	Feb.	238,100	130,700	404	.141	.053	.133	.216	.044	.414
1973	Mar.	185,800	112,100	444	.138	.053	.135	.209	.046	.419
1973	Apr.	219,800	132,300	443	.136	.053	.136	.208	.044	.423
1973	May	860,600	269,600	230	.170	.052	.119	.263	.035	.360
1973	June	715,000	218,300	225	.173	.053	.117	.267	.036	.354
1973	July	348,000	155,300	328	.153	.053	.128	.233	.042	.392
1973	Aug.	246,900	143,600	428	.138	.053	.135	.211	.044	.420
1973	Sept.	175,500	105,300	442	.138	.053	.135	.210	.046	.418
1973	Oct.	173,000	108,200	460	.137	.054	.136	.205	.047	.420
1973	Nov.	191,400	115,500	444	.138	.054	.136	.208	.046	.418
1973	Dec.	186,100	112,000	442	.139	.054	.135	.209	.047	.416
1974	Jan.	166,400	98,060	433	.141	.054	.135	.210	.047	.413
1974	Feb.	77,810	57,450	543	.133	.054	.138	.195	.051	.428
1974	Mar.	161,200	103,600	472	.136	.054	.137	.203	.047	.423
1974	Apr.	345,500	172,500	367	.141	.054	.134	.216	.043	.411
1974	May	1,037,000	298,800	212	.172	.055	.118	.268	.036	.351
1974	June	700,600	185,600	195	.182	.055	.114	.277	.037	.335
1974	July	193,500	99,950	380	.148	.054	.131	.221	.046	.399
1974	Aug.	168,300	105,900	463	.137	.054	.136	.205	.047	.420
1974	Sept.	150,900	102,600	500	.132	.054	.139	.198	.048	.429
1974	Oct.	210,400	135,200	472	.135	.054	.137	.196	.046	.431
1974	Nov.	187,700	119,100	467	.136	.054	.136	.198	.047	.428
1974	Dec.	174,700	111,800	470	.137	.054	.137	.199	.047	.427
1975	Jan.	180,800	109,400	445	.139	.054	.135	.204	.047	.421
1975	Feb.	190,900	114,400	441	.138	.054	.135	.203	.046	.423
1975	Mar.	161,800	101,600	462	.138	.054	.136	.202	.047	.423
1975	Apr.	190,000	105,500	408	.141	.055	.133	.210	.046	.415
1975	May	562,100	190,400	249	.155	.056	.121	.248	.039	.380
1975	June	842,400	254,500	222	.159	.056	.118	.258	.037	.372
1975	July	543,300	224,100	303	.148	.056	.127	.222	.041	.400

1975	Aug.	246,100	142,100	425	.139	.055	.134	.205	.045	.422
1975	Sept.	117,800	76,850	480	.138	.054	.137	.201	.048	.422
1975	Oct.	115,100	79,660	509	.135	.054	.137	.193	.047	.435
1975	Nov.	157,300	97,720	457	.138	.054	.134	.200	.045	.429
1975	Dec.	245,900	131,900	394	.143	.055	.130	.210	.043	.420
1976	Jan.	212,900	119,700	414	.141	.054	.131	.206	.044	.423
1976	Feb.	162,500	97,790	443	.139	.054	.133	.202	.045	.427
1976	Mar.	191,500	117,500	451	.139	.054	.133	.200	.045	.429
1976	Apr.	278,200	178,000	470	.140	.054	.132	.196	.043	.435
1976	May	701,000	262,600	275	.153	.056	.120	.234	.038	.399
1976	June	561,800	217,500	285	.152	.056	.121	.231	.039	.401
1976	July	257,100	137,400	393	.143	.055	.130	.209	.043	.421
1976	Aug.	186,400	109,800	433	.140	.054	.132	.203	.044	.426
1976	Sept.	167,300	101,100	444	.139	.054	.133	.202	.045	.427
1976	Oct.	188,400	105,600	412	.141	.054	.133	.204	.043	.425
1976	Nov.	187,600	113,700	445	.138	.054	.132	.196	.044	.437
1976	Dec.	211,500	128,500	447	.138	.054	.130	.196	.043	.439
1977	Jan.	200,800	120,700	442	.138	.054	.131	.197	.043	.436
1977	Feb.	169,100	104,400	454	.137	.054	.132	.195	.044	.438
1977	Mar.	264,300	159,300	443	.139	.054	.127	.195	.042	.444
1977	Apr.	254,100	146,400	424	.141	.054	.127	.199	.042	.437
1977	May	325,100	154,600	350	.150	.054	.124	.217	.040	.415
1977	June	254,300	114,400	331	.152	.054	.128	.222	.041	.404
1977	July	158,200	111,100	517	.130	.053	.134	.183	.045	.454
1977	Aug.	141,300	94,600	492	.133	.054	.136	.189	.046	.442
1977	Sept.	119,000	79,630	492	.132	.054	.139	.190	.047	.439
1977	Oct.	88,600	59,940	497	.127	.052	.143	.183	.052	.443
1977	Nov.	85,230	57,500	496	.126	.052	.143	.180	.052	.443
1977	Dec.	87,670	61,210	513	.126	.052	.143	.180	.052	.447
1978	Jan.	100,100	68,530	503	.128	.052	.142	.181	.051	.446
1978	Feb.	93,240	64,290	507	.128	.052	.141	.180	.050	.448
1978	Mar.	167,000	112,900	497	.134	.052	.136	.180	.045	.454
1978	Apr.	313,800	146,200	343	.150	.054	.128	.211	.039	.417
1978	May	586,500	159,000	199	.170	.056	.119	.263	.035	.357
1978	June	805,500	170,900	156	.181	.056	.113	.290	.032	.329
1978	July	369,100	131,500	262	.158	.055	.126	.236	.039	.386
1978	Aug.	151,200	94,280	459	.135	.053	.137	.188	.046	.442
1978	Sept.	118,400	81,200	504	.130	.052	.139	.180	.048	.450
1978	Oct.	99,530	64,660	478	.129	.053	.143	.186	.053	.436
1978	Nov.	125,800	80,080	468	.130	.053	.144	.186	.050	.438
1978	Dec.	150,600	99,050	484	.128	.053	.145	.182	.048	.444
1979	Jan.	166,900	93,510	412	.135	.054	.141	.196	.047	.426
1979	Feb.	188,500	99,160	387	.138	.054	.140	.201	.045	.422
1979	Mar.	206,400	121,600	433	.133	.054	.144	.190	.044	.436
1979	Apr.	331,500	176,100	391	.136	.054	.143	.195	.039	.433
1979	May	688,600	156,500	167	.172	.056	.119	.278	.035	.341
1979	June	627,800	128,500	151	.178	.056	.114	.294	.035	.323
1979	July	274,000	101,500	272	.152	.055	.131	.233	.043	.385
1979	Aug.	137,600	77,240	413	.135	.054	.140	.197	.050	.424
1979	Sept.	97,150	60,670	459	.130	.053	.142	.189	.053	.432
1979	Oct.	109,400	67,210	452	.131	.052	.141	.191	.053	.432
1979	Nov.	132,300	80,140	445	.132	.052	.142	.191	.050	.432
1979	Dec.	153,500	98,160	470	.130	.052	.144	.187	.048	.438
1980	Jan.	167,300	114,600	504	.128	.052	.146	.182	.046	.445

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 41. 09261000 Green River near Jensen, Utah, water years 1962 through 1983--Continued										
1980	Feb.	211,700	129,400	450	0.131	0.052	0.146	0.189	0.043	0.438
1980	Mar.	195,200	125,200	472	.130	.052	.146	.186	.045	.441
1980	Apr.	323,800	148,100	336	.137	.053	.143	.205	.042	.420
1980	May	823,500	209,000	187	.152	.055	.134	.253	.038	.368
1980	June	581,500	137,400	174	.154	.055	.130	.260	.042	.359
1980	July	198,300	86,080	319	.140	.054	.137	.214	.049	.406
1980	Aug.	119,400	69,760	430	.133	.053	.140	.194	.053	.428
1980	Sept.	114,900	72,240	462	.131	.052	.142	.189	.052	.434
1980	Oct.	130,000	80,510	455	.129	.053	.142	.195	.050	.431
1980	Nov.	120,100	76,600	469	.128	.053	.143	.193	.050	.433
1980	Dec.	99,550	69,220	511	.126	.053	.143	.187	.052	.438
1981	Jan.	89,160	66,680	550	.124	.053	.145	.182	.053	.444
1981	Feb.	108,900	74,430	503	.126	.053	.145	.188	.050	.439
1981	Mar.	127,200	81,750	473	.128	.053	.143	.192	.050	.434
1981	Apr.	175,500	91,180	382	.134	.053	.140	.206	.048	.420
1981	May	334,800	120,700	265	.146	.053	.133	.234	.043	.390
1981	June	315,900	110,900	258	.145	.053	.134	.232	.044	.392
1981	July	143,700	89,820	460	.128	.053	.143	.194	.049	.433
1981	Aug.	112,100	77,200	507	.126	.053	.144	.187	.051	.439
1981	Sept.	146,700	90,570	454	.128	.053	.144	.194	.048	.433
1981	Oct.	140,300	95,640	501	.128	.053	.140	.192	.049	.438
1981	Nov.	111,200	76,020	503	.127	.052	.142	.190	.051	.437
1981	Dec.	108,300	77,620	527	.126	.052	.142	.187	.052	.441
1982	Jan.	123,100	86,690	518	.126	.052	.141	.189	.050	.441
1982	Feb.	207,600	142,900	506	.129	.053	.137	.197	.042	.441
1982	Mar.	169,200	118,100	514	.128	.053	.140	.193	.046	.441
1982	Apr.	320,700	171,300	393	.136	.053	.134	.213	.040	.424
1982	May	671,300	189,900	208	.158	.053	.122	.261	.036	.371
1982	June	625,100	228,400	269	.150	.053	.126	.243	.035	.393
1982	July	341,000	138,200	298	.145	.053	.130	.231	.041	.400
1982	Aug.	170,600	109,000	470	.130	.053	.139	.198	.047	.434
1982	Sept.	184,500	127,800	509	.128	.053	.139	.194	.045	.441
1982	Oct.	308,800	216,500	516	.131	.053	.134	.196	.041	.445
1982	Nov.	260,100	164,200	464	.134	.054	.133	.205	.042	.432
1982	Dec.	223,000	146,100	482	.132	.053	.134	.201	.044	.435
1983	Jan.	208,100	139,600	493	.131	.053	.135	.199	.045	.437
1983	Feb.	171,500	107,200	460	.133	.053	.135	.205	.046	.429
1983	Mar.	266,500	169,500	468	.134	.054	.133	.204	.042	.433
1983	Apr.	321,900	181,500	415	.138	.054	.130	.213	.041	.424
1983	May	730,700	261,300	263	.157	.057	.117	.256	.034	.379

1983	June	1,387,000	422,900	224	.165	.058	.110	.273	.030	.365
1983	July	990,400	418,000	310	.153	.057	.118	.241	.032	.399
1983	Aug.	397,400	237,200	439	.137	.054	.130	.208	.039	.432
1983	Sept.	247,500	155,900	463	.134	.054	.133	.205	.043	.432

Site 42. 09279500 Duchesne River at Duchesne, Utah, water years 1962 through 1970.

1961	Oct.	15,530	4,862	230	.189	.074	.071	.356	.025	.286
1961	Nov.	13,190	4,343	242	.185	.076	.072	.351	.026	.290
1961	Dec.	9,646	3,625	276	.174	.079	.076	.339	.031	.301
1962	Jan.	7,855	3,201	300	.168	.081	.078	.331	.034	.308
1962	Feb.	10,940	3,683	248	.182	.077	.073	.347	.028	.293
1962	Mar.	11,830	4,089	254	.181	.077	.074	.346	.028	.294
1962	Apr.	29,450	6,967	174	.212	.067	.063	.378	.018	.262
1962	May	58,050	10,680	135	.233	.060	.056	.398	.013	.240
1962	June	86,420	13,670	116	.247	.056	.052	.409	.011	.225
1962	July	29,250	7,014	176	.210	.067	.063	.377	.019	.263
1962	Aug.	11,240	3,973	260	.179	.078	.074	.344	.029	.296
1962	Sept.	8,247	3,252	290	.170	.081	.077	.334	.033	.305
1962	Oct.	11,770	4,091	256	.180	.077	.074	.346	.028	.295
1962	Nov.	8,948	3,420	281	.173	.080	.076	.337	.032	.302
1962	Dec.	9,303	3,540	280	.173	.080	.076	.337	.032	.302
1963	Jan.	8,608	3,389	290	.170	.080	.077	.334	.033	.305
1963	Feb.	9,289	3,406	270	.176	.079	.075	.341	.030	.299
1963	Mar.	7,942	3,225	299	.168	.081	.078	.331	.034	.307
1963	Apr.	7,997	3,197	294	.169	.081	.078	.333	.033	.306
1963	May	35,810	7,540	155	.219	.065	.061	.384	.017	.254
1963	June	55,790	10,360	137	.232	.060	.056	.398	.013	.240
1963	July	14,820	4,677	232	.188	.075	.071	.354	.026	.287
1963	Aug.	11,750	4,083	255	.180	.077	.074	.346	.028	.295
1963	Sept.	13,020	4,295	243	.185	.076	.072	.351	.027	.290
1963	Oct.	9,606	3,646	279	.174	.082	.072	.329	.033	.310
1963	Nov.	11,340	4,030	261	.180	.080	.070	.337	.031	.302
1963	Dec.	11,460	4,100	263	.180	.080	.071	.336	.031	.303
1964	Jan.	8,745	3,425	288	.172	.083	.073	.325	.034	.313
1964	Feb.	7,101	2,919	302	.167	.085	.074	.319	.036	.319
1964	Mar.	8,382	3,327	292	.170	.084	.073	.323	.034	.315
1964	Apr.	9,560	3,592	276	.175	.082	.072	.330	.032	.309
1964	May	50,190	9,938	146	.230	.062	.056	.397	.018	.238
1964	June	79,070	14,530	135	.240	.058	.053	.410	.015	.225
1964	July	30,990	7,677	182	.211	.068	.061	.377	.022	.261
1964	Aug.	10,360	3,807	270	.177	.081	.071	.332	.032	.306
1964	Sept.	6,811	2,870	310	.165	.086	.075	.316	.036	.322
1964	Oct.	6,121	2,666	320	.169	.086	.074	.322	.036	.313
1964	Nov.	9,985	3,628	267	.182	.081	.070	.340	.033	.295
1964	Dec.	11,100	3,952	262	.184	.080	.069	.343	.032	.292
1965	Jan.	11,680	4,103	258	.185	.080	.069	.344	.032	.291
1965	Feb.	9,118	3,361	271	.181	.081	.070	.339	.033	.296
1965	Mar.	8,997	3,447	282	.178	.082	.071	.335	.034	.300
1965	Apr.	12,760	4,263	246	.188	.078	.068	.349	.031	.286
1965	May	36,290	8,589	174	.213	.068	.060	.383	.025	.251
1965	June	131,000	20,300	114	.245	.057	.050	.422	.019	.208
1965	July	81,880	14,910	134	.233	.061	.054	.408	.021	.224

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 42. 09279500 Duchesne River at Duchesne, Utah, water years 1962 through 1970--Continued											
1965	Aug.	26,370	7,010	196	0.205	0.072	0.062	0.372	0.027	0.262	
1965	Sept.	20,680	5,927	211	.200	.074	.064	.365	.028	.270	
1965	Oct.	16,120	5,280	241	.193	.076	.066	.351	.030	.284	
1965	Nov.	14,650	4,908	246	.191	.076	.067	.349	.030	.286	
1965	Dec.	14,240	4,870	252	.190	.077	.067	.347	.031	.289	
1966	Jan.	12,760	4,535	261	.187	.078	.068	.343	.031	.293	
1966	Feb.	10,370	3,819	271	.185	.078	.069	.339	.032	.297	
1966	Mar.	13,530	4,700	256	.189	.077	.068	.345	.031	.291	
1966	Apr.	20,020	6,024	221	.198	.074	.065	.360	.029	.274	
1966	May	51,940	11,300	160	.218	.067	.057	.394	.024	.240	
1966	June	23,670	6,664	207	.202	.073	.063	.367	.028	.268	
1966	July	12,830	4,539	260	.187	.078	.068	.343	.031	.293	
1966	Aug.	8,368	3,405	299	.178	.081	.072	.327	.034	.309	
1966	Sept.	8,434	3,402	297	.179	.080	.071	.329	.033	.307	
1966	Oct.	9,900	3,900	290	.191	.075	.067	.354	.028	.285	
1966	Nov.	9,053	3,641	296	.191	.075	.067	.354	.028	.285	
1966	Dec.	11,970	4,405	271	.193	.075	.066	.357	.027	.282	
1967	Jan.	12,730	4,580	264	.194	.074	.065	.358	.027	.281	
1967	Feb.	9,749	3,727	281	.192	.075	.066	.356	.028	.284	
1967	Mar.	11,010	4,178	279	.192	.075	.066	.356	.028	.283	
1967	Apr.	9,545	3,765	290	.191	.075	.067	.354	.028	.285	
1967	May	34,610	7,651	163	.205	.072	.058	.374	.024	.267	
1967	June	119,000	18,490	114	.216	.071	.051	.390	.020	.252	
1967	July	53,260	10,860	150	.208	.072	.055	.379	.023	.262	
1967	Aug.	13,350	4,700	259	.194	.074	.065	.359	.027	.281	
1967	Sept.	9,215	3,685	294	.191	.075	.067	.354	.028	.285	
1967	Oct.	9,594	4,036	309	.190	.075	.065	.347	.028	.295	
1967	Nov.	11,200	4,399	289	.193	.075	.063	.350	.027	.292	
1967	Dec.	11,970	4,644	285	.193	.075	.063	.351	.027	.291	
1968	Jan.	10,840	4,363	296	.192	.075	.064	.349	.027	.293	
1968	Feb.	10,310	4,124	294	.192	.075	.064	.349	.027	.293	
1968	Mar.	10,440	4,260	300	.191	.075	.064	.348	.027	.294	
1968	Apr.	11,090	4,371	290	.193	.075	.064	.350	.027	.292	
1968	May	25,240	7,157	209	.202	.073	.059	.365	.025	.277	
1968	June	135,800	21,020	114	.222	.068	.049	.393	.021	.247	
1968	July	29,330	7,996	201	.204	.073	.058	.367	.024	.274	
1968	Aug.	20,470	6,506	234	.199	.073	.060	.360	.025	.281	
1968	Sept.	10,770	4,289	293	.192	.075	.064	.350	.027	.292	
1968	Oct.	12,440	4,783	283	.192	.076	.063	.348	.026	.295	
1968	Nov.	12,050	4,640	283	.192	.076	.063	.348	.026	.295	

1968	Dec.	11,620	4,576	290	.191	.077	.064	.345	.026	.298
1969	Jan.	12,630	4,834	282	.193	.076	.063	.348	.026	.295
1969	Feb.	10,870	4,233	286	.192	.076	.063	.346	.026	.297
1969	Mar.	11,870	4,638	287	.191	.076	.063	.346	.026	.297
1969	Apr.	23,620	7,144	222	.206	.073	.055	.378	.024	.263
1969	May	108,200	19,540	133	.234	.066	.039	.441	.020	.200
1969	June	69,670	14,520	153	.227	.068	.043	.424	.021	.217
1969	July	18,950	6,203	241	.202	.074	.057	.368	.024	.274
1969	Aug.	10,860	4,372	296	.189	.077	.064	.342	.026	.302
1969	Sept.	10,290	4,177	298	.189	.077	.065	.341	.026	.303
1969	Oct.	13,500	5,029	274	.194	.076	.062	.352	.025	.291
1969	Nov.	11,600	4,487	285	.192	.076	.063	.347	.026	.296
1969	Dec.	6,907	3,142	335	.181	.078	.070	.324	.027	.321
1970	Jan.	4,130	2,123	378	.172	.079	.075	.305	.028	.341
1970	Feb.	1,079	794	541	.145	.080	.092	.254	.030	.398
1970	Mar.	1,811	1,270	516	.152	.081	.087	.267	.030	.383
1970	Apr.	6,109	2,946	355	.178	.079	.071	.318	.027	.327

Site 43. 09302000 Duchesne River near Randlett, Utah, water years 1957 through 1983.

1956	Oct.	4,320	10,060	1,710	.076	.049	.188	.096	.099	.492
1956	Nov.	17,280	26,300	1,120	.094	.054	.172	.135	.081	.464
1956	Dec.	18,600	22,240	880	.104	.055	.164	.155	.078	.444
1957	Jan.	20,910	21,460	755	.111	.056	.158	.171	.075	.428
1957	Feb.	20,430	21,580	777	.109	.056	.160	.167	.075	.434
1957	Mar.	21,840	32,960	1,110	.094	.054	.171	.136	.079	.465
1957	Apr.	11,650	22,220	1,400	.084	.052	.180	.114	.087	.483
1957	May	39,210	47,970	900	.101	.055	.163	.156	.073	.451
1957	June	184,200	73,790	295	.147	.057	.117	.296	.048	.334
1957	July	34,630	30,790	654	.113	.056	.154	.183	.071	.422
1957	Aug.	18,290	26,730	1,070	.095	.054	.170	.138	.081	.462
1957	Sept.	15,150	21,530	1,050	.096	.054	.170	.139	.082	.459
1957	Oct.	19,070	31,070	1,200	.091	.054	.174	.129	.081	.471
1957	Nov.	40,650	58,540	1,060	.094	.055	.168	.143	.073	.468
1957	Dec.	29,510	31,750	791	.109	.056	.159	.169	.073	.434
1958	Jan.	28,820	28,310	722	.112	.056	.156	.177	.073	.426
1958	Feb.	31,180	31,930	753	.110	.056	.157	.174	.072	.431
1958	Mar.	35,240	46,460	970	.098	.055	.166	.150	.075	.457
1958	Apr.	28,870	29,300	746	.111	.056	.157	.174	.073	.429
1958	May	141,400	61,080	318	.143	.057	.122	.282	.051	.345
1958	June	102,600	46,270	331	.142	.057	.124	.274	.054	.349
1958	July	4,389	9,536	1,600	.080	.050	.186	.101	.097	.485
1958	Aug.	1,127	4,090	2,670	.064	.046	.190	.068	.115	.507
1958	Sept.	2,763	6,960	1,850	.075	.049	.190	.091	.103	.492
1958	Oct.	4,735	11,800	1,830	.075	.050	.190	.091	.098	.496
1958	Nov.	14,500	22,070	1,120	.091	.055	.172	.133	.079	.470
1958	Dec.	21,360	25,440	876	.101	.057	.164	.158	.071	.450
1959	Jan.	22,480	26,210	858	.101	.057	.163	.160	.071	.448
1959	Feb.	23,580	25,780	804	.104	.058	.160	.168	.068	.442
1959	Mar.	16,550	20,250	900	.100	.056	.167	.152	.075	.451
1959	Apr.	5,334	10,360	1,430	.082	.051	.186	.106	.095	.481
1959	May	4,237	10,700	1,860	.073	.049	.191	.089	.100	.497
1959	June	34,220	28,010	602	.112	.058	.152	.194	.063	.421

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 43. 09302000 Duchesne River near Randlett, Utah, water years 1957 through 1983--Continued										
1959	July	6,252	11,930	1,400	0.082	0.052	0.183	0.110	0.091	0.482
1959	Aug.	4,272	12,110	2,110	.068	.052	.186	.086	.093	.515
1959	Sept.	3,856	9,685	1,850	.074	.049	.191	.089	.100	.496
1959	Oct.	10,840	17,020	1,150	.092	.053	.175	.128	.079	.474
1959	Nov.	13,390	19,350	1,060	.094	.054	.171	.137	.075	.469
1959	Dec.	21,640	27,170	923	.098	.055	.165	.154	.068	.461
1960	Jan.	22,590	24,070	783	.103	.055	.160	.168	.065	.448
1960	Feb.	23,010	23,050	737	.105	.056	.158	.175	.063	.443
1960	Mar.	27,250	31,700	855	.100	.055	.161	.163	.064	.457
1960	Apr.	8,454	13,230	1,150	.091	.052	.177	.125	.082	.472
1960	May	18,260	21,020	847	.098	.054	.166	.155	.072	.457
1960	June	22,610	20,020	651	.107	.055	.155	.186	.063	.433
1960	July	1,273	4,309	2,490	.069	.045	.202	.066	.122	.496
1960	Aug.	847	3,008	2,610	.067	.044	.205	.061	.130	.492
1960	Sept.	1,123	3,902	2,560	.068	.045	.203	.064	.124	.496
1960	Oct.	5,123	11,900	1,710	.081	.050	.185	.094	.094	.496
1960	Nov.	12,000	17,900	1,100	.095	.053	.170	.132	.077	.472
1960	Dec.	17,780	22,960	949	.101	.055	.164	.148	.070	.463
1961	Jan.	20,690	25,110	893	.102	.055	.162	.155	.068	.459
1961	Feb.	18,530	22,560	896	.102	.055	.162	.154	.068	.459
1961	Mar.	10,060	15,050	1,100	.095	.053	.172	.130	.080	.471
1961	Apr.	1,696	6,031	2,610	.068	.045	.200	.064	.118	.504
1961	May	2,922	6,699	1,690	.078	.048	.190	.090	.105	.489
1961	June	2,975	8,375	2,070	.075	.048	.192	.079	.105	.501
1961	July	623	2,537	3,000	.063	.043	.209	.054	.136	.496
1961	Aug.	609	2,009	2,430	.066	.043	.206	.062	.135	.488
1961	Sept.	13,470	16,550	903	.097	.053	.165	.147	.074	.464
1961	Oct.	19,400	24,600	933	.108	.051	.161	.154	.069	.457
1961	Nov.	26,830	26,470	726	.117	.051	.151	.185	.062	.434
1961	Dec.	26,450	28,680	798	.112	.051	.156	.168	.065	.447
1962	Jan.	21,340	23,820	821	.110	.051	.158	.163	.068	.449
1962	Feb.	43,060	38,450	657	.119	.051	.147	.192	.057	.434
1962	Mar.	48,690	51,130	772	.116	.051	.149	.182	.059	.443
1962	Apr.	70,410	47,790	499	.129	.051	.133	.240	.049	.398
1962	May	88,260	55,700	464	.131	.050	.130	.252	.047	.391
1962	June	146,300	67,880	341	.139	.049	.115	.304	.038	.355
1962	July	26,590	26,910	744	.112	.050	.154	.178	.066	.440
1962	Aug.	3,810	9,712	1,870	.082	.048	.188	.087	.101	.495
1962	Sept.	4,479	11,110	1,820	.083	.048	.186	.090	.097	.496
1962	Oct.	14,880	25,570	1,260	.102	.052	.162	.129	.086	.469

1962	Nov.	14,880	23,200	1,150	.103	.054	.160	.138	.083	.462
1962	Dec.	22,800	29,230	943	.109	.055	.154	.156	.077	.449
1963	Jan.	18,250	22,110	891	.108	.057	.154	.163	.075	.443
1963	Feb.	28,560	33,020	850	.115	.056	.148	.168	.072	.441
1963	Mar.	9,939	19,140	1,420	.095	.051	.168	.118	.092	.476
1963	Apr.	4,602	14,530	2,320	.082	.046	.181	.084	.108	.500
1963	May	31,060	30,380	719	.114	.056	.146	.181	.072	.430
1963	June	49,980	39,180	576	.124	.060	.135	.213	.061	.407
1963	July	3,096	8,698	2,070	.080	.048	.183	.090	.106	.492
1963	Aug.	4,731	11,530	1,790	.087	.049	.176	.100	.100	.487
1963	Sept.	14,370	23,850	1,220	.104	.052	.161	.132	.084	.467
1963	Oct.	7,484	17,010	1,670	.082	.049	.190	.124	.157	.399
1963	Nov.	15,560	24,240	1,150	.101	.057	.162	.159	.089	.433
1963	Dec.	21,620	24,530	834	.110	.061	.147	.180	.066	.436
1964	Jan.	18,350	18,030	722	.108	.060	.152	.180	.077	.423
1964	Feb.	18,210	16,720	675	.110	.061	.149	.184	.073	.423
1964	Mar.	23,100	24,120	768	.112	.062	.143	.186	.062	.435
1964	Apr.	14,060	20,850	1,090	.100	.056	.164	.157	.097	.426
1964	May	71,670	47,440	487	.138	.067	.094	.237	.033	.432
1964	June	122,000	77,530	467	.145	.070	.081	.251	.013	.440
1964	July	28,720	27,180	696	.115	.061	.135	.191	.070	.428
1964	Aug.	5,831	12,260	1,550	.077	.046	.192	.117	.192	.375
1964	Sept.	3,796	9,632	1,870	.065	.040	.205	.097	.250	.343
1964	Oct.	5,006	13,690	2,010	.071	.043	.201	.105	.213	.367
1964	Nov.	17,750	27,070	1,120	.105	.058	.154	.165	.080	.438
1964	Dec.	27,470	34,230	916	.115	.062	.137	.183	.052	.451
1965	Jan.	26,680	25,850	712	.116	.063	.137	.193	.055	.437
1965	Feb.	21,440	28,890	991	.111	.061	.144	.178	.060	.446
1965	Mar.	26,380	39,720	1,110	.113	.061	.139	.178	.054	.455
1965	Apr.	32,110	37,440	857	.119	.063	.130	.193	.045	.451
1965	May	71,170	79,470	821	.133	.066	.101	.213	.022	.465
1965	June	302,400	150,600	366	.160	.072	.055	.283	.005	.425
1965	July	174,600	88,270	372	.151	.071	.072	.267	.011	.429
1965	Aug.	56,920	55,340	715	.130	.066	.107	.215	.029	.452
1965	Sept.	58,040	62,770	795	.132	.066	.103	.214	.026	.459
1965	Oct.	47,470	54,890	850	.148	.037	.143	.175	.055	.442
1965	Nov.	46,870	52,810	828	.150	.037	.142	.178	.055	.438
1965	Dec.	41,780	47,220	831	.142	.040	.145	.174	.059	.441
1966	Jan.	39,310	36,570	684	.137	.044	.143	.188	.064	.424
1966	Feb.	37,770	27,850	542	.140	.046	.137	.208	.065	.403
1966	Mar.	46,960	48,130	754	.149	.039	.140	.185	.057	.430
1966	Apr.	35,240	42,990	897	.133	.041	.149	.164	.063	.449
1966	May	58,170	62,310	788	.162	.034	.136	.187	.051	.429
1966	June	16,430	29,300	1,310	.098	.050	.169	.119	.081	.483
1966	July	3,184	9,236	2,130	.044	.082	.193	.066	.137	.478
1966	Aug.	2,888	8,589	2,190	.042	.083	.195	.062	.139	.479
1966	Sept.	6,018	14,540	1,780	.061	.068	.186	.085	.112	.488
1966	Oct.	11,120	25,080	1,660	.082	.054	.176	.106	.085	.497
1966	Nov.	18,890	34,290	1,330	.091	.056	.168	.127	.080	.477
1966	Dec.	30,620	40,940	983	.103	.058	.157	.156	.074	.451
1967	Jan.	33,050	32,820	730	.114	.059	.146	.183	.068	.429
1967	Feb.	30,350	29,300	710	.115	.059	.146	.185	.068	.427
1967	Mar.	40,410	54,560	993	.104	.059	.157	.161	.073	.446
1967	Apr.	18,700	31,280	1,230	.094	.056	.166	.132	.079	.472

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 43. 09302000 Duchesne River near Randlett, Utah, water years 1957 through 1983--Continued										
1967	May	55,700	44,520	588	0.118	0.059	0.141	0.210	0.066	0.406
1967	June	253,300	115,900	337	.146	.062	.111	.307	.049	.325
1967	July	76,260	56,190	542	.124	.060	.135	.225	.062	.393
1967	Aug.	11,000	20,200	1,350	.088	.054	.170	.119	.082	.487
1967	Sept.	10,050	20,070	1,470	.085	.054	.173	.112	.083	.493
1967	Oct.	12,020	24,830	1,520	.085	.061	.171	.113	.086	.485
1967	Nov.	18,140	31,110	1,260	.092	.062	.165	.131	.081	.470
1967	Dec.	32,360	32,930	748	.111	.061	.148	.177	.070	.433
1968	Jan.	34,320	30,700	658	.116	.060	.143	.190	.068	.423
1968	Feb.	33,460	36,310	798	.107	.062	.150	.173	.071	.437
1968	Mar.	40,130	58,610	1,070	.097	.064	.159	.154	.074	.452
1968	Apr.	31,440	50,050	1,170	.094	.064	.162	.144	.077	.460
1968	May	44,960	50,890	832	.106	.062	.151	.174	.071	.436
1968	June	249,800	92,870	273	.143	.056	.106	.326	.045	.323
1968	July	23,880	29,160	898	.101	.061	.156	.155	.076	.452
1968	Aug.	25,960	36,330	1,030	.099	.062	.158	.150	.076	.455
1968	Sept.	12,530	22,330	1,310	.090	.061	.166	.123	.083	.477
1968	Oct.	19,800	34,090	1,270	.092	.062	.164	.135	.085	.462
1968	Nov.	27,340	39,130	1,050	.098	.064	.157	.152	.080	.450
1968	Dec.	38,120	38,950	751	.107	.065	.145	.182	.070	.432
1969	Jan.	41,990	37,600	658	.110	.065	.140	.194	.066	.424
1969	Feb.	36,950	34,230	681	.109	.065	.142	.190	.068	.426
1969	Mar.	52,020	61,170	865	.104	.066	.148	.176	.076	.430
1969	Apr.	68,730	63,050	675	.111	.067	.139	.201	.069	.414
1969	May	183,300	79,700	320	.129	.068	.109	.293	.048	.354
1969	June	139,300	105,200	555	.116	.069	.130	.231	.067	.386
1969	July	17,180	26,890	1,150	.093	.062	.162	.138	.082	.462
1969	Aug.	9,075	19,670	1,590	.084	.059	.173	.111	.090	.482
1969	Sept.	10,000	19,960	1,470	.087	.060	.170	.118	.087	.478
1969	Oct.	19,600	30,280	1,140	.099	.045	.155	.142	.081	.477
1969	Nov.	22,440	31,180	1,020	.103	.056	.136	.151	.079	.475
1969	Dec.	19,840	21,070	781	.108	.103	.087	.166	.071	.465
1970	Jan.	14,370	15,240	780	.105	.122	.080	.158	.069	.465
1970	Feb.	16,510	19,080	850	.106	.092	.098	.160	.073	.471
1970	Mar.	10,010	15,510	1,140	.097	.063	.134	.133	.081	.492
1970	Apr.	2,698	7,742	2,110	.079	.031	.198	.088	.092	.512
1970	May	17,400	20,600	871	.099	.074	.138	.151	.077	.462
1970	June	58,320	74,490	939	.101	.047	.196	.161	.074	.420
1970	July	8,767	14,910	1,250	.096	.054	.142	.128	.083	.497
1970	Aug.	2,882	7,065	1,800	.084	.044	.161	.097	.090	.524

1970	Sept.	4,711	10,270	1,600	.088	.043	.164	.107	.088	.510
1970	Oct.	8,912	18,660	1,540	.091	.036	.172	.117	.084	.500
1970	Nov.	10,550	18,760	1,310	.096	.041	.161	.126	.082	.494
1970	Dec.	7,095	14,360	1,490	.091	.040	.168	.114	.084	.502
1971	Jan.	22,740	22,980	743	.113	.064	.125	.166	.073	.459
1971	Feb.	30,630	31,570	758	.113	.058	.129	.169	.073	.458
1971	Mar.	20,380	20,700	747	.112	.069	.122	.161	.074	.462
1971	Apr.	11,750	18,160	1,140	.099	.048	.154	.133	.080	.487
1971	May	27,700	31,310	831	.107	.050	.144	.158	.076	.465
1971	June	140,300	66,280	347	.132	.091	.092	.232	.060	.393
1971	July	19,480	23,830	899	.107	.051	.140	.154	.077	.471
1971	Aug.	3,681	8,108	1,620	.088	.043	.166	.107	.086	.511
1971	Sept.	8,567	15,740	1,350	.095	.042	.160	.123	.083	.497
1971	Oct.	20,190	32,660	1,190	.099	.038	.162	.141	.073	.487
1971	Nov.	28,380	42,270	1,100	.100	.039	.160	.149	.072	.480
1971	Dec.	26,080	31,220	880	.108	.051	.145	.159	.070	.468
1972	Jan.	24,480	23,320	700	.115	.067	.130	.170	.067	.452
1972	Feb.	35,000	32,010	673	.116	.065	.130	.179	.066	.446
1972	Mar.	37,460	40,010	785	.111	.054	.139	.170	.068	.457
1972	Apr.	13,000	18,260	1,030	.103	.048	.150	.142	.073	.483
1972	May	36,580	30,970	623	.113	.066	.133	.177	.066	.445
1972	June	116,000	58,940	374	.128	.095	.104	.227	.056	.390
1972	July	5,766	10,170	1,300	.096	.042	.162	.121	.078	.502
1972	Aug.	3,172	7,545	1,750	.088	.034	.174	.103	.082	.519
1972	Sept.	4,550	10,930	1,770	.088	.031	.177	.107	.081	.516
1972	Oct.	22,560	34,180	1,110	.095	.058	.163	.147	.070	.466
1972	Nov.	30,940	37,620	903	.101	.060	.153	.171	.067	.448
1972	Dec.	36,760	33,920	678	.112	.060	.150	.180	.063	.435
1973	Jan.	31,780	32,090	743	.108	.060	.153	.172	.065	.442
1973	Feb.	28,700	29,760	763	.107	.060	.154	.170	.065	.443
1973	Mar.	58,200	71,470	903	.101	.060	.153	.171	.067	.448
1973	Apr.	126,500	60,510	908	.101	.060	.155	.168	.067	.450
1973	May	138,000	73,750	429	.122	.063	.135	.222	.057	.401
1973	June	30,940	69,370	370	.128	.063	.130	.235	.055	.388
1973	July	30,940	36,340	864	.103	.059	.156	.166	.067	.449
1973	Aug.	13,030	20,760	1,170	.094	.057	.167	.139	.071	.471
1973	Sept.	16,810	25,320	1,110	.096	.057	.165	.145	.070	.467
1973	Oct.	20,020	28,650	1,050	.097	.057	.165	.146	.068	.467
1973	Nov.	25,480	32,710	944	.100	.058	.162	.155	.066	.460
1973	Dec.	27,640	25,430	676	.110	.060	.153	.176	.063	.438
1974	Jan.	28,210	23,670	617	.113	.061	.151	.182	.062	.431
1974	Feb.	27,750	21,370	566	.116	.061	.148	.189	.060	.425
1974	Mar.	40,560	41,210	747	.107	.060	.154	.174	.062	.443
1974	Apr.	19,470	22,570	852	.103	.058	.160	.158	.066	.454
1974	May	60,680	41,370	501	.117	.062	.144	.202	.057	.417
1974	June	55,120	32,850	438	.123	.063	.139	.214	.056	.405
1974	July	13,040	19,600	1,110	.095	.056	.168	.139	.070	.471
1974	Aug.	13,550	19,340	1,050	.097	.057	.167	.142	.070	.468
1974	Sept.	4,576	10,120	1,630	.083	.052	.181	.110	.079	.494
1974	Oct.	6,123	14,310	1,720	.082	.052	.183	.113	.075	.496
1974	Nov.	7,099	16,910	1,750	.082	.052	.182	.112	.073	.499
1974	Dec.	8,107	10,220	927	.097	.054	.170	.147	.073	.459
1975	Jan.	11,090	13,180	874	.100	.055	.166	.155	.070	.454
1975	Feb.	9,957	12,600	931	.098	.055	.167	.151	.070	.458

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 43. 09302000 Duchesne River near Randlett, Utah, water years 1957 through 1983--Continued											
1975	Mar.	7,236	13,210	1,340	0.088	0.053	0.178	0.125	0.074	0.482	
1975	Apr.	4,395	8,794	1,470	.084	.051	.182	.118	.078	.486	
1975	May	16,660	25,210	1,110	.096	.057	.166	.146	.064	.471	
1975	June	160,300	51,190	235	.142	.063	.117	.283	.045	.350	
1975	July	163,300	73,060	329	.131	.063	.128	.247	.047	.384	
1975	Aug.	14,890	19,720	974	.098	.056	.166	.151	.067	.462	
1975	Sept.	9,176	16,640	1,330	.090	.054	.175	.129	.071	.481	
1975	Oct.	10,950	18,610	1,250	.093	.054	.170	.132	.069	.482	
1975	Nov.	16,840	25,420	1,110	.097	.055	.165	.144	.066	.474	
1975	Dec.	21,030	21,050	736	.108	.057	.155	.170	.066	.445	
1976	Jan.	20,290	15,260	553	.116	.057	.149	.189	.068	.420	
1976	Feb.	26,680	25,740	709	.111	.057	.152	.177	.063	.441	
1976	Mar.	37,690	41,410	808	.108	.057	.152	.173	.060	.449	
1976	Apr.	15,380	31,630	1,510	.089	.053	.171	.127	.064	.496	
1976	May	31,340	26,330	618	.114	.058	.147	.188	.061	.432	
1976	June	29,030	55,790	1,410	.094	.055	.163	.140	.057	.491	
1976	July	3,011	6,666	1,630	.081	.050	.185	.106	.081	.497	
1976	Aug.	4,261	8,818	1,520	.084	.051	.181	.112	.078	.494	
1976	Sept.	5,742	11,460	1,470	.086	.052	.178	.118	.074	.492	
1976	Oct.	7,099	13,110	1,360	.088	.053	.173	.128	.071	.486	
1976	Nov.	7,440	15,900	1,570	.085	.053	.173	.125	.068	.494	
1976	Dec.	7,795	8,710	822	.101	.055	.166	.150	.074	.453	
1977	Jan.	9,223	9,404	750	.104	.055	.163	.157	.073	.447	
1977	Feb.	10,390	12,350	874	.101	.056	.162	.156	.070	.455	
1977	Mar.	10,500	26,810	1,880	.082	.053	.172	.123	.064	.506	
1977	Apr.	2,210	6,208	2,070	.074	.049	.190	.096	.076	.515	
1977	May	3,023	7,403	1,800	.076	.050	.186	.103	.074	.510	
1977	June	3,882	10,020	1,900	.079	.051	.181	.111	.071	.507	
1977	July	2,809	6,947	1,820	.076	.050	.188	.102	.076	.509	
1977	Aug.	2,327	5,884	1,860	.077	.050	.187	.102	.076	.508	
1977	Sept.	2,813	7,541	1,970	.075	.050	.188	.099	.075	.512	
1977	Oct.	3,783	8,799	1,710	.080	.051	.182	.109	.076	.502	
1977	Nov.	4,661	9,838	1,550	.083	.052	.179	.116	.076	.494	
1977	Dec.	6,062	11,090	1,340	.086	.053	.176	.125	.075	.485	
1978	Jan.	10,570	12,720	885	.100	.056	.164	.155	.071	.455	
1978	Feb.	13,880	18,440	977	.097	.056	.165	.156	.072	.455	
1978	Mar.	21,420	26,950	925	.097	.056	.163	.163	.072	.448	
1978	Apr.	24,990	26,760	787	.104	.057	.158	.177	.070	.435	
1978	May	17,980	21,610	884	.099	.056	.162	.164	.071	.447	
1978	June	109,800	62,940	421	.122	.060	.135	.249	.062	.372	

1978	July	8,057	12,500	1,140	.090	.054	.172	.138	.073	.473
1978	Aug.	2,985	7,562	1,860	.077	.050	.184	.103	.077	.509
1978	Sept.	3,753	8,567	1,680	.080	.051	.182	.110	.076	.501
1978	Oct.	5,252	11,840	1,660	.082	.053	.174	.120	.074	.496
1978	Nov.	16,110	23,920	1,090	.092	.057	.169	.151	.075	.455
1978	Dec.	15,640	21,300	1,000	.095	.057	.165	.155	.071	.456
1979	Jan.	15,370	20,190	966	.097	.057	.163	.158	.069	.455
1979	Feb.	16,640	19,010	840	.101	.058	.160	.167	.067	.446
1979	Mar.	48,410	59,060	897	.094	.058	.171	.175	.086	.417
1979	Apr.	57,230	56,290	723	.101	.059	.164	.188	.079	.409
1979	May	61,820	38,210	454	.117	.061	.146	.219	.063	.395
1979	June	35,750	37,480	771	.101	.059	.163	.180	.075	.423
1979	July	27,450	27,620	947	.096	.058	.166	.162	.074	.445
1979	Aug.	32,110	36,710	841	.099	.058	.164	.173	.075	.430
1979	Sept.	28,500	32,870	848	.099	.058	.163	.172	.074	.433
1979	Oct.	11,930	24,410	1,500	.082	.053	.179	.131	.088	.466
1979	Nov.	10,500	17,100	1,200	.091	.056	.172	.140	.079	.461
1979	Dec.	8,882	15,210	1,260	.089	.056	.175	.134	.082	.465
1980	Jan.	9,987	17,300	1,270	.090	.056	.173	.136	.080	.464
1980	Feb.	15,260	21,120	1,020	.095	.057	.166	.154	.076	.452
1980	Mar.	13,950	24,900	1,310	.087	.055	.174	.140	.083	.461
1980	Apr.	11,860	17,280	1,070	.094	.057	.168	.147	.077	.456
1980	May	32,420	33,850	768	.101	.059	.157	.181	.069	.433
1980	June	165,300	54,950	245	.132	.064	.116	.289	.043	.356
1980	July	23,470	22,630	709	.103	.059	.156	.179	.068	.434
1980	Aug.	5,189	9,455	1,340	.091	.056	.175	.126	.080	.471
1980	Sept.	14,640	26,810	1,350	.086	.055	.174	.142	.084	.459
1980	Oct.	18,210	20,590	832	.103	.061	.157	.166	.069	.444
1980	Nov.	32,380	23,060	772	.106	.061	.153	.174	.067	.438
1980	Dec.	28,870	28,870	656	.111	.063	.147	.191	.063	.426
1981	Jan.	20,790	22,620	800	.105	.061	.155	.171	.068	.441
1981	Feb.	14,770	17,540	873	.102	.060	.159	.161	.070	.447
1981	Mar.	10,480	15,570	1,090	.096	.059	.167	.143	.075	.461
1981	Apr.	6,050	11,230	1,360	.090	.057	.175	.124	.080	.474
1981	May	12,630	16,480	959	.099	.059	.163	.151	.073	.455
1981	June	54,350	31,180	422	.118	.064	.133	.230	.056	.398
1981	July	4,729	9,664	1,500	.087	.056	.180	.116	.083	.478
1981	Aug.	4,058	8,537	1,550	.087	.055	.182	.112	.084	.480
1981	Sept.	4,987	10,270	1,510	.087	.056	.178	.118	.082	.479
1981	Oct.	14,010	26,450	1,390	.086	.058	.174	.134	.080	.468
1981	Nov.	10,380	16,460	1,170	.093	.059	.171	.138	.079	.459
1981	Dec.	19,170	19,710	756	.107	.062	.156	.175	.071	.429
1982	Jan.	27,390	22,380	601	.114	.064	.147	.198	.066	.411
1982	Feb.	35,010	27,680	581	.113	.064	.145	.207	.064	.407
1982	Mar.	34,740	31,550	668	.109	.063	.149	.194	.066	.418
1982	Apr.	32,800	29,220	655	.109	.063	.149	.195	.066	.417
1982	May	66,020	39,850	444	.117	.065	.136	.235	.059	.389
1982	June	146,500	64,310	323	.125	.066	.120	.283	.051	.355
1982	July	46,880	29,820	468	.116	.064	.139	.224	.062	.395
1982	Aug.	11,530	15,700	1,000	.099	.060	.166	.149	.077	.449
1982	Sept.	32,480	29,210	661	.106	.063	.150	.195	.067	.419
1982	Oct.	86,360	41,940	357	.130	.067	.128	.271	.051	.354
1982	Nov.	61,010	38,310	462	.122	.066	.136	.240	.056	.380
1982	Dec.	60,510	39,330	478	.121	.066	.137	.237	.057	.383

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 43. 09302000 Duchesne River near Randlett, Utah, water years 1957 through 1983--Continued										
1983	Jan.	59,830	39,210	482	0.120	0.066	0.137	0.235	0.057	0.385
1983	Feb.	50,720	34,220	496	.120	.066	.138	.232	.057	.387
1983	Mar.	73,950	58,280	580	.111	.066	.142	.216	.064	.400
1983	Apr.	49,750	36,060	533	.117	.065	.140	.224	.059	.395
1983	May	85,530	50,990	438	.118	.066	.136	.240	.059	.380
1983	June	475,300	137,400	213	.136	.070	.110	.344	.047	.293
1983	July	153,200	64,090	308	.130	.068	.124	.287	.052	.340
1983	Aug.	53,980	40,900	557	.115	.065	.141	.219	.061	.399
1983	Sept.	46,870	35,720	560	.115	.065	.142	.218	.060	.400
Site 44. 09304800 White River below Meeker, Colo., water years 1974 through 1983.										
1973	Oct.	25,350	13,310	386	.189	.053	.096	.242	.080	.341
1973	Nov.	22,740	12,320	398	.187	.052	.097	.237	.083	.344
1973	Dec.	20,690	11,810	420	.183	.052	.099	.230	.086	.350
1974	Jan.	22,670	12,440	404	.186	.052	.097	.235	.084	.346
1974	Feb.	17,290	10,190	433	.181	.052	.100	.225	.089	.354
1974	Mar.	27,820	14,030	371	.191	.053	.094	.247	.078	.336
1974	Apr.	35,640	15,900	328	.199	.054	.089	.265	.071	.323
1974	May	132,800	35,080	194	.228	.057	.069	.345	.043	.258
1974	June	95,260	28,450	220	.222	.057	.074	.326	.049	.273
1974	July	35,530	16,220	336	.198	.054	.090	.262	.071	.325
1974	Aug.	24,240	12,900	391	.187	.053	.096	.239	.082	.343
1974	Sept.	21,100	11,720	408	.185	.052	.098	.233	.085	.348
1974	Oct.	25,800	13,460	384	.189	.053	.095	.243	.080	.340
1974	Nov.	22,980	12,390	397	.187	.052	.097	.238	.082	.344
1974	Dec.	19,800	11,490	427	.182	.052	.099	.227	.088	.352
1975	Jan.	16,800	10,440	457	.177	.051	.102	.218	.093	.359
1975	Feb.	17,060	10,110	436	.180	.051	.100	.225	.089	.354
1975	Mar.	22,010	12,250	409	.185	.052	.098	.233	.084	.347
1975	Apr.	24,620	12,870	384	.189	.053	.095	.242	.080	.341
1975	May	66,170	22,760	253	.213	.056	.080	.302	.057	.292
1975	June	161,900	39,040	177	.232	.057	.065	.360	.039	.246
1975	July	90,440	27,220	221	.220	.056	.075	.322	.050	.276
1975	Aug.	30,230	14,760	359	.193	.053	.093	.252	.076	.333
1975	Sept.	26,750	13,560	373	.191	.053	.094	.247	.078	.337
1975	Oct.	27,590	14,040	374	.191	.053	.095	.246	.079	.336
1975	Nov.	23,080	12,450	397	.187	.053	.097	.239	.082	.342
1975	Dec.	19,300	11,320	431	.182	.052	.100	.229	.087	.350

1976 Jan.	14,170	9,427	489	.174	.052	.104	.214	.095	.361
1976 Feb.	17,060	10,260	442	.180	.052	.101	.226	.088	.352
1976 Mar.	22,280	12,320	407	.185	.053	.098	.236	.083	.344
1976 Apr.	29,750	14,470	358	.193	.053	.094	.252	.076	.332
1976 May	90,410	28,260	230	.218	.054	.078	.307	.055	.288
1976 June	75,370	24,990	244	.215	.054	.080	.299	.058	.294
1976 July	24,710	13,000	387	.188	.053	.097	.241	.081	.340
1976 Aug.	18,600	11,080	438	.181	.052	.101	.227	.088	.351
1976 Sept.	18,230	10,760	434	.181	.052	.100	.228	.088	.350
1976 Oct.	23,190	12,760	405	.186	.052	.096	.237	.083	.346
1976 Nov.	18,660	11,060	436	.182	.051	.099	.228	.087	.353
1976 Dec.	18,310	11,080	445	.181	.051	.099	.225	.089	.354
1977 Jan.	17,450	10,750	453	.180	.051	.100	.223	.090	.356
1977 Feb.	13,920	9,047	478	.178	.050	.102	.217	.093	.361
1977 Mar.	18,990	11,340	439	.182	.051	.099	.227	.088	.353
1977 Apr.	23,400	12,620	396	.187	.052	.095	.239	.082	.344
1977 May	23,000	12,610	403	.186	.052	.096	.237	.083	.346
1977 June	16,860	9,788	427	.180	.051	.099	.226	.090	.353
1977 July	9,063	7,256	589	.166	.048	.109	.191	.108	.378
1977 Aug.	13,240	9,066	503	.174	.050	.104	.210	.097	.365
1977 Sept.	13,980	9,319	490	.176	.050	.103	.213	.095	.363
1977 Oct.	16,000	10,250	471	.174	.049	.101	.206	.099	.370
1977 Nov.	16,790	10,410	456	.177	.049	.100	.210	.097	.367
1977 Dec.	16,720	10,540	463	.176	.049	.100	.208	.098	.369
1978 Jan.	18,460	11,140	452	.178	.049	.099	.214	.095	.365
1978 Feb.	15,990	9,829	454	.177	.049	.099	.212	.096	.367
1978 Mar.	21,170	11,990	417	.182	.050	.096	.222	.090	.359
1978 Apr.	34,990	15,610	328	.196	.053	.086	.253	.075	.336
1978 May	92,210	26,680	213	.218	.056	.070	.312	.052	.291
1978 June	180,500	38,940	159	.232	.058	.058	.356	.039	.257
1978 July	65,670	21,830	244	.212	.055	.093	.292	.060	.306
1978 Aug.	25,290	13,120	382	.188	.051	.093	.233	.085	.350
1978 Sept.	22,020	12,060	403	.184	.050	.095	.226	.088	.356
1978 Oct.	24,940	12,550	370	.190	.049	.091	.231	.087	.352
1978 Nov.	23,100	11,010	350	.194	.048	.091	.234	.090	.343
1978 Dec.	22,920	12,070	387	.187	.049	.093	.225	.089	.357
1979 Jan.	25,530	12,600	363	.191	.049	.091	.233	.086	.350
1979 Feb.	19,340	11,020	419	.182	.049	.095	.217	.090	.367
1979 Mar.	22,490	12,530	410	.183	.050	.094	.220	.089	.365
1979 Apr.	34,340	16,790	359	.189	.053	.088	.242	.073	.355
1979 May	105,800	25,300	176	.224	.054	.065	.335	.050	.271
1979 June	140,100	28,370	149	.236	.054	.058	.364	.043	.244
1979 July	56,580	18,790	244	.211	.053	.076	.289	.064	.307
1979 Aug.	28,950	13,600	346	.194	.050	.089	.241	.082	.345
1979 Sept.	18,660	11,270	444	.178	.049	.097	.209	.093	.374
1979 Oct.	24,640	13,060	390	.185	.051	.092	.224	.083	.364
1979 Nov.	23,440	11,960	375	.188	.051	.091	.227	.085	.359
1979 Dec.	24,600	12,600	377	.187	.051	.091	.228	.084	.359
1980 Jan.	22,060	11,830	394	.185	.051	.093	.221	.087	.363
1980 Feb.	20,590	10,880	399	.185	.050	.093	.221	.088	.362
1980 Mar.	20,780	11,960	423	.180	.050	.095	.213	.088	.374
1980 Apr.	33,170	16,270	361	.186	.053	.088	.238	.073	.361
1980 May	96,540	25,270	193	.223	.054	.067	.322	.051	.283
1980 June	116,400	23,520	149	.239	.052	.060	.349	.048	.252

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 44. 09304800 White River below Meeker, Colo., water years 1974 through 1983--Continued										
1980	July	36,930	15,840	315	0.197	0.053	0.084	0.253	0.073	0.341
1980	Aug.	21,370	13,080	450	.175	.051	.096	.210	.085	.381
1980	Sept.	21,580	11,890	405	.182	.051	.094	.218	.087	.369
1980	Oct.	23,540	13,080	409	.183	.054	.089	.223	.074	.378
1980	Nov.	20,650	10,930	389	.188	.053	.087	.223	.073	.376
1980	Dec.	18,310	9,791	393	.188	.052	.087	.216	.074	.384
1981	Jan.	16,290	8,479	383	.190	.051	.086	.214	.074	.386
1981	Feb.	15,580	8,247	389	.189	.051	.087	.215	.074	.385
1981	Mar.	17,490	10,070	423	.182	.052	.090	.209	.078	.388
1981	Apr.	31,250	12,470	293	.203	.053	.077	.256	.058	.353
1981	May	48,900	17,750	267	.208	.056	.072	.285	.047	.332
1981	June	55,470	17,730	235	.211	.055	.069	.297	.046	.322
1981	July	25,600	14,180	407	.183	.054	.089	.227	.072	.375
1981	Aug.	16,800	11,130	487	.171	.052	.096	.198	.087	.395
1981	Sept.	18,090	10,830	440	.178	.052	.092	.209	.081	.387
1981	Oct.	24,810	12,190	361	.194	.057	.080	.236	.054	.380
1981	Nov.	20,970	10,500	368	.193	.056	.079	.228	.054	.390
1981	Dec.	19,800	9,523	354	.196	.054	.077	.228	.053	.390
1982	Jan.	20,380	9,638	348	.197	.055	.077	.231	.052	.388
1982	Feb.	18,820	9,501	371	.192	.056	.080	.226	.054	.392
1982	Mar.	21,800	12,300	415	.183	.058	.085	.218	.058	.398
1982	Apr.	31,970	12,960	298	.206	.057	.071	.262	.042	.362
1982	May	96,700	24,680	188	.233	.058	.052	.348	.022	.287
1982	June	108,700	25,310	171	.238	.057	.048	.364	.019	.274
1982	July	64,080	20,030	230	.222	.058	.060	.313	.029	.319
1982	Aug.	34,690	14,390	305	.206	.058	.071	.263	.041	.361
1982	Sept.	30,870	13,290	317	.203	.057	.075	.256	.047	.362
1982	Oct.	33,230	13,050	289	.211	.057	.067	.268	.036	.361
1982	Nov.	28,220	11,100	289	.212	.056	.067	.264	.037	.364
1982	Dec.	23,900	10,320	318	.205	.056	.070	.246	.041	.381
1983	Jan.	19,190	8,124	311	.207	.054	.070	.243	.044	.383
1983	Feb.	19,210	8,007	307	.209	.054	.069	.248	.042	.378
1983	Mar.	27,160	12,720	344	.198	.059	.072	.241	.041	.390
1983	Apr.	25,540	12,050	347	.197	.059	.073	.239	.042	.391
1983	May	83,860	24,630	216	.222	.060	.057	.331	.025	.306
1983	June	232,300	49,060	155	.234	.060	.044	.410	.014	.237
1983	July	120,500	29,150	178	.232	.058	.050	.369	.020	.271
1983	Aug.	43,530	15,390	260	.217	.058	.063	.288	.032	.342
1983	Sept.	27,580	12,280	327	.202	.058	.071	.248	.040	.382

Site 45. 09306200 Piceance Creek below Ryan Gulch, near Rio Blanco, Colo.,
water years 1971 through 1983.

1970	Oct.	1,337	1,732	952	.081	.076	.174	.304	.016	.349
1970	Nov.	1,371	1,766	947	.082	.076	.173	.304	.016	.349
1970	Dec.	1,218	1,623	980	.080	.076	.175	.303	.016	.351
1971	Jan.	1,043	1,436	1,010	.078	.076	.176	.302	.016	.352
1971	Feb.	946	1,310	1,020	.077	.076	.176	.302	.016	.352
1971	Mar.	2,434	2,634	796	.093	.075	.167	.307	.016	.342
1971	Apr.	731	1,080	1,090	.073	.077	.179	.300	.016	.355
1971	May	581	912	1,150	.070	.078	.181	.298	.016	.357
1971	June	503	822	1,200	.068	.078	.183	.297	.016	.359
1971	July	497	817	1,210	.068	.078	.183	.297	.015	.359
1971	Aug.	640	992	1,140	.071	.077	.181	.299	.016	.357
1971	Sept.	605	946	1,150	.070	.077	.181	.299	.016	.357
1971	Oct.	1,119	1,511	993	.079	.076	.175	.303	.016	.351
1971	Nov.	1,154	1,550	987	.079	.076	.175	.303	.016	.351
1971	Dec.	784	1,157	1,090	.074	.077	.179	.300	.016	.355
1972	Jan.	824	1,201	1,070	.074	.077	.178	.301	.016	.354
1972	Feb.	1,426	1,770	913	.084	.076	.172	.305	.016	.348
1972	Mar.	707	1,011	1,050	.075	.077	.178	.300	.016	.354
1972	Apr.	217	433	1,460	.058	.079	.190	.291	.015	.366
1972	May	237	446	1,380	.061	.079	.188	.293	.015	.365
1972	June	429	703	1,200	.068	.078	.183	.297	.015	.359
1972	July	414	709	1,260	.066	.078	.184	.296	.015	.361
1972	Aug.	346	618	1,310	.064	.078	.186	.295	.015	.362
1972	Sept.	280	526	1,380	.061	.078	.188	.293	.015	.364
1972	Oct.	419	712	1,250	.063	.076	.190	.298	.015	.357
1972	Nov.	1,065	1,561	1,080	.077	.078	.173	.295	.014	.362
1972	Dec.	797	1,227	1,130	.072	.078	.179	.296	.014	.361
1973	Jan.	639	1,022	1,180	.068	.077	.183	.297	.015	.360
1973	Feb.	853	1,278	1,100	.075	.078	.176	.296	.014	.362
1973	Mar.	1,422	1,996	1,030	.082	.079	.169	.294	.014	.364
1973	Apr.	955	1,417	1,090	.076	.078	.175	.295	.014	.362
1973	May	4,463	5,190	855	.104	.080	.149	.287	.013	.367
1973	June	2,761	3,441	916	.095	.080	.156	.290	.013	.366
1973	July	2,263	2,929	952	.091	.079	.160	.291	.013	.365
1973	Aug.	3,011	3,746	915	.095	.080	.156	.290	.013	.366
1973	Sept.	2,454	3,137	940	.092	.079	.159	.291	.013	.366
1973	Oct.	2,176	2,999	1,010	.087	.081	.162	.290	.013	.367
1973	Nov.	2,222	3,038	1,010	.088	.081	.161	.290	.013	.367
1973	Dec.	2,017	2,812	1,030	.085	.080	.164	.291	.013	.366
1974	Jan.	1,859	2,622	1,040	.084	.080	.166	.291	.013	.366
1974	Feb.	1,773	2,482	1,030	.085	.080	.165	.291	.013	.366
1974	Mar.	2,547	3,424	989	.090	.081	.159	.289	.013	.368
1974	Apr.	2,192	3,003	1,010	.088	.081	.162	.290	.013	.367
1974	May	904	1,358	1,100	.076	.079	.177	.293	.014	.361
1974	June	529	887	1,230	.064	.077	.193	.296	.015	.355
1974	July	825	1,266	1,130	.074	.078	.180	.294	.014	.360
1974	Aug.	2,033	2,828	1,020	.086	.080	.164	.291	.013	.366
1974	Sept.	720	1,148	1,170	.069	.078	.185	.295	.014	.358
1974	Oct.	1,168	1,789	1,130	.076	.080	.178	.283	.013	.370
1974	Nov.	1,968	2,688	1,000	.088	.081	.164	.283	.013	.371
1974	Dec.	1,936	2,674	1,020	.087	.081	.166	.283	.013	.371

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Ca	Mg	NaK	HCO ₃	Cl	SO ₄
			Load (tons)	Concen- tration (mg/L)						
Site 45. 09306200 Piceance Creek below Ryan Gulch, near Rio Blanco, Colo., water years 1971 through 1983--Continued										
1975	Jan.	1,841	2,565	1,020	0.086	0.081	0.167	0.283	0.013	0.371
1975	Feb.	1,587	2,237	1,040	.084	.080	.168	.283	.013	.371
1975	Mar.	1,874	2,607	1,020	.086	.081	.166	.283	.013	.371
1975	Apr.	2,218	2,959	981	.091	.081	.161	.283	.013	.372
1975	May	1,829	2,529	1,020	.087	.081	.166	.283	.013	.371
1975	June	1,916	2,620	1,010	.088	.081	.165	.283	.013	.371
1975	July	1,319	1,965	1,100	.079	.080	.175	.283	.013	.370
1975	Aug.	2,047	2,793	1,000	.088	.081	.164	.283	.013	.371
1975	Sept.	1,466	2,128	1,070	.081	.080	.172	.283	.013	.371
1975	Oct.	1,573	2,206	1,030	.084	.081	.169	.283	.013	.370
1975	Nov.	1,997	2,701	995	.087	.081	.167	.285	.014	.367
1975	Dec.	1,908	2,611	1,010	.086	.081	.168	.285	.014	.368
1976	Jan.	1,726	2,394	1,020	.085	.081	.168	.284	.014	.369
1976	Feb.	1,995	2,681	988	.087	.081	.166	.286	.014	.366
1976	Mar.	2,083	2,811	993	.087	.081	.167	.285	.014	.367
1976	Apr.	2,132	2,843	980	.088	.081	.166	.286	.014	.366
1976	May	818	1,249	1,120	.077	.080	.175	.277	.013	.378
1976	June	596	957	1,180	.074	.080	.178	.273	.013	.383
1976	July	741	1,158	1,150	.076	.080	.176	.275	.013	.380
1976	Aug.	1,607	2,250	1,030	.084	.081	.169	.283	.013	.370
1976	Sept.	1,180	1,714	1,070	.081	.080	.171	.280	.013	.374
1976	Oct.	958	1,450	1,110	.078	.081	.174	.277	.014	.375
1976	Nov.	1,214	1,752	1,060	.082	.081	.171	.280	.014	.372
1976	Dec.	833	1,292	1,140	.076	.080	.176	.276	.014	.377
1977	Jan.	996	1,482	1,090	.080	.081	.173	.278	.014	.374
1977	Feb.	1,117	1,621	1,070	.082	.081	.171	.280	.014	.372
1977	Mar.	1,222	1,776	1,070	.082	.081	.171	.280	.014	.372
1977	Apr.	584	952	1,200	.072	.080	.180	.273	.014	.380
1977	May	436	751	1,270	.068	.080	.184	.269	.015	.384
1977	June	219	421	1,410	.060	.079	.193	.262	.015	.390
1977	July	500	818	1,200	.072	.080	.181	.272	.014	.380
1977	Aug.	480	814	1,250	.069	.080	.183	.270	.015	.383
1977	Sept.	664	1,055	1,170	.074	.080	.178	.274	.014	.378
1977	Oct.	486	813	1,230	.070	.079	.181	.273	.015	.382
1977	Nov.	809	1,213	1,100	.077	.079	.175	.281	.015	.372
1977	Dec.	1,141	1,612	1,040	.081	.079	.172	.286	.015	.367
1978	Jan.	986	1,435	1,070	.079	.079	.174	.284	.015	.369
1978	Feb.	988	1,408	1,050	.080	.079	.173	.286	.015	.367
1978	Mar.	1,690	2,207	960	.086	.079	.168	.292	.015	.359
1978	Apr.	2,307	2,780	886	.092	.079	.164	.298	.015	.352

1978 May	1,204	1,673	1,020	.082	.079	.171	.287	.015	.365
1978 June	564	892	1,160	.073	.079	.179	.277	.015	.378
1978 July	350	618	1,300	.067	.079	.184	.268	.015	.387
1978 Aug.	479	804	1,230	.070	.079	.181	.272	.015	.382
1978 Sept.	556	890	1,180	.073	.079	.179	.276	.015	.378
1978 Oct.	629	1,064	1,240	.070	.079	.181	.278	.016	.376
1978 Nov.	1,168	1,639	1,030	.078	.078	.175	.290	.015	.363
1978 Dec.	1,115	1,608	1,060	.077	.078	.176	.289	.015	.364
1979 Jan.	547	956	1,280	.069	.079	.183	.275	.016	.378
1979 Feb.	1,029	1,475	1,050	.077	.078	.176	.289	.015	.364
1979 Mar.	1,367	1,863	1,000	.080	.078	.174	.293	.015	.360
1979 Apr.	2,362	2,716	845	.087	.077	.169	.304	.015	.348
1979 May	5,950	5,347	661	.100	.075	.160	.321	.014	.330
1979 June	2,684	2,934	804	.090	.076	.167	.307	.015	.345
1979 July	816	1,276	1,150	.074	.079	.179	.283	.016	.370
1979 Aug.	2,162	2,592	882	.085	.077	.170	.302	.015	.351
1979 Sept.	960	1,403	1,070	.076	.078	.177	.287	.015	.366
1979 Oct.	1,127	1,562	1,020	.074	.075	.181	.294	.014	.362
1979 Nov.	1,861	2,304	911	.081	.075	.175	.300	.014	.355
1979 Dec.	1,535	1,979	948	.078	.075	.178	.298	.014	.357
1980 Jan.	1,603	2,034	933	.079	.075	.178	.298	.014	.356
1980 Feb.	1,763	2,026	845	.082	.074	.177	.301	.015	.351
1980 Mar.	1,902	2,435	941	.080	.075	.175	.299	.014	.357
1980 Apr.	2,670	2,618	721	.090	.074	.173	.306	.016	.341
1980 May	7,202	6,083	621	.107	.075	.159	.314	.015	.330
1980 June	1,632	2,146	967	.080	.076	.175	.297	.014	.359
1980 July	1,144	1,766	1,130	.072	.076	.179	.291	.013	.368
1980 Aug.	2,170	2,749	931	.082	.076	.173	.299	.014	.356
1980 Sept.	1,099	1,646	1,100	.072	.075	.180	.292	.014	.367
1980 Oct.	1,311	1,956	1,100	.073	.076	.179	.294	.014	.364
1980 Nov.	1,950	2,604	982	.080	.076	.175	.298	.014	.357
1980 Dec.	1,827	2,341	942	.080	.075	.176	.295	.014	.359
1981 Jan.	1,682	2,194	959	.078	.075	.177	.294	.014	.360
1981 Feb.	1,361	1,780	962	.077	.075	.179	.293	.015	.362
1981 Mar.	1,502	1,948	954	.077	.075	.179	.293	.015	.362
1981 Apr.	1,025	1,416	1,020	.073	.075	.181	.290	.015	.366
1981 May	468	834	1,310	.060	.074	.192	.280	.014	.380
1981 June	272	524	1,420	.055	.074	.197	.274	.014	.386
1981 July	424	804	1,390	.058	.075	.193	.280	.014	.381
1981 Aug.	496	822	1,220	.061	.074	.191	.280	.015	.379
1981 Sept.	235	463	1,450	.052	.073	.200	.271	.014	.390
1981 Oct.	842	1,387	1,210	.066	.074	.188	.288	.015	.368
1981 Nov.	1,345	1,820	995	.076	.074	.180	.294	.016	.359
1981 Dec.	1,244	1,621	958	.076	.074	.181	.293	.017	.359
1982 Jan.	1,164	1,554	981	.075	.074	.182	.292	.016	.360
1982 Feb.	1,275	1,499	864	.081	.073	.179	.295	.017	.355
1982 Mar.	1,434	1,832	939	.078	.074	.179	.295	.017	.357
1982 Apr.	893	1,306	1,080	.071	.074	.186	.290	.016	.364
1982 May	618	1,054	1,250	.063	.074	.192	.284	.015	.372
1982 June	587	1,103	1,380	.060	.075	.194	.283	.014	.375
1982 July	519	902	1,280	.062	.074	.194	.283	.014	.373
1982 Aug.	1,216	1,696	1,030	.074	.074	.182	.293	.016	.361
1982 Sept.	1,573	1,880	879	.082	.074	.177	.296	.017	.354
1982 Oct.	1,509	1,968	959	.081	.075	.176	.291	.018	.359

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 45. 09306200 Piceance Creek below Ryan Gulch, near Rio Blanco, Colo., water years 1971 through 1983--Continued										
1982	Nov.	1,400	1,843	968	0.081	0.075	0.177	0.291	0.018	0.359
1982	Dec.	1,258	1,706	998	.079	.075	.179	.290	.017	.361
1983	Jan.	1,154	1,593	1,010	.078	.075	.180	.289	.017	.362
1983	Feb.	974	1,358	1,030	.077	.075	.181	.288	.017	.362
1983	Mar.	2,047	2,494	896	.086	.075	.172	.294	.018	.356
1983	Apr.	3,453	3,652	778	.096	.075	.163	.300	.019	.348
1983	May	17,320	13,200	560	.124	.073	.142	.311	.020	.329
1983	June	9,872	8,419	627	.114	.074	.149	.308	.020	.336
1983	July	4,251	4,417	764	.097	.075	.161	.301	.019	.347
1983	Aug.	4,546	4,669	755	.098	.075	.160	.301	.019	.347
1983	Sept.	3,667	3,921	786	.095	.075	.163	.300	.019	.349
Site 46. 09306222 Piceance Creek at White River, Colo., water years 1971 through 1983.										
1970	Oct.	1,490	3,023	1,490	.040	.052	.265	.349	.035	.259
1970	Nov.	1,543	3,083	1,470	.041	.053	.262	.348	.035	.262
1970	Dec.	1,472	3,022	1,510	.039	.052	.266	.350	.035	.257
1971	Jan.	1,541	2,834	1,350	.044	.053	.258	.349	.034	.261
1971	Feb.	1,230	2,003	1,200	.047	.054	.258	.366	.034	.241
1971	Mar.	3,092	3,134	745	.088	.063	.211	.332	.025	.281
1971	Apr.	861	1,688	1,440	.037	.049	.282	.377	.040	.215
1971	May	178	661	2,720	.015	.033	.354	.391	.065	.142
1971	June	162	656	2,990	.013	.032	.359	.392	.065	.139
1971	July	112	497	3,260	.010	.029	.371	.398	.071	.120
1971	Aug.	277	882	2,340	.019	.038	.332	.384	.056	.171
1971	Sept.	624	1,645	1,940	.026	.044	.304	.375	.046	.205
1971	Oct.	917	2,203	1,770	.031	.047	.288	.362	.041	.231
1971	Nov.	1,523	3,066	1,480	.040	.052	.263	.348	.035	.262
1971	Dec.	1,228	2,342	1,400	.040	.052	.269	.363	.036	.240
1972	Jan.	1,392	2,567	1,360	.043	.053	.262	.357	.035	.250
1972	Feb.	2,216	2,850	946	.066	.060	.228	.341	.028	.278
1972	Mar.	1,058	2,133	1,480	.040	.050	.276	.357	.039	.238
1972	Apr.	211	962	3,350	.012	.032	.360	.378	.064	.153
1972	May	140	1,064	5,610	.007	.028	.385	.345	.074	.161
1972	June	170	990	4,270	.010	.030	.370	.361	.068	.161
1972	July	96	673	5,170	.006	.025	.398	.370	.081	.119
1972	Aug.	314	1,264	2,960	.015	.036	.345	.374	.059	.172
1972	Sept.	255	1,140	3,290	.013	.034	.354	.374	.062	.164
1972	Oct.	512	1,735	2,490	.018	.037	.319	.375	.047	.204

1972	Nov.	1,244	3,236	1,910	.029	.048	.285	.346	.038	.254
1972	Dec.	2,857	2,451	2,100	.024	.044	.299	.360	.042	.232
1973	Jan.	700	2,146	2,250	.021	.041	.305	.368	.043	.222
1973	Feb.	906	2,955	2,400	.020	.041	.318	.350	.046	.224
1973	Mar.	1,747	4,565	1,920	.029	.050	.285	.335	.037	.263
1973	Apr.	1,184	3,244	2,010	.027	.047	.291	.347	.039	.248
1973	May	4,826	7,258	1,110	.069	.070	.211	.286	.024	.339
1973	June	2,977	7,101	1,750	.035	.056	.271	.313	.034	.291
1973	July	2,656	6,970	1,930	.030	.053	.284	.316	.037	.280
1973	Aug.	3,326	6,569	1,450	.046	.061	.247	.308	.030	.308
1973	Sept.	2,642	4,738	1,320	.052	.062	.236	.314	.028	.308
1973	Oct.	2,668	5,184	1,430	.047	.062	.244	.320	.029	.299
1973	Nov.	2,680	5,324	1,460	.046	.061	.247	.319	.029	.299
1973	Dec.	2,239	4,241	1,390	.048	.061	.241	.323	.029	.297
1974	Jan.	2,128	4,229	1,460	.045	.060	.247	.324	.030	.294
1974	Feb.	1,863	3,307	1,310	.052	.063	.233	.325	.027	.300
1974	Mar.	3,231	5,969	1,360	.051	.064	.237	.314	.028	.307
1974	Apr.	3,376	5,962	1,300	.055	.066	.231	.312	.027	.310
1974	May	1,509	3,109	1,510	.043	.057	.259	.328	.032	.282
1974	June	695	2,350	2,490	.019	.041	.321	.340	.044	.235
1974	July	1,084	2,486	1,690	.035	.053	.268	.338	.034	.272
1974	Aug.	2,126	4,187	1,450	.046	.060	.246	.325	.030	.293
1974	Sept.	1,131	2,618	1,700	.034	.053	.268	.339	.034	.272
1974	Oct.	1,323	2,963	1,650	.035	.056	.265	.325	.032	.288
1974	Nov.	2,249	3,981	1,300	.052	.063	.235	.318	.028	.304
1974	Dec.	1,930	3,658	1,390	.046	.061	.245	.320	.030	.299
1975	Jan.	1,553	3,261	1,540	.039	.058	.256	.324	.031	.293
1975	Feb.	1,694	3,281	1,420	.044	.060	.246	.321	.030	.298
1975	Mar.	2,541	4,305	1,250	.056	.064	.230	.316	.028	.306
1975	Apr.	2,354	3,649	1,140	.062	.065	.218	.315	.026	.314
1975	May	2,438	4,291	1,290	.053	.063	.237	.316	.029	.303
1975	June	2,745	5,461	1,460	.045	.060	.256	.315	.031	.292
1975	July	1,968	5,055	1,890	.030	.054	.294	.316	.036	.271
1975	Aug.	2,003	3,780	1,390	.046	.061	.243	.321	.029	.300
1975	Sept.	1,767	3,845	1,600	.038	.057	.267	.320	.032	.286
1975	Oct.	2,071	3,804	1,350	.047	.061	.242	.321	.029	.299
1975	Nov.	2,317	4,177	1,330	.048	.061	.241	.318	.029	.302
1975	Dec.	1,743	3,103	1,310	.050	.062	.238	.321	.029	.301
1976	Jan.	1,498	2,949	1,450	.043	.059	.250	.327	.031	.291
1976	Feb.	2,180	3,939	1,330	.048	.062	.241	.319	.029	.301
1976	Mar.	2,551	5,000	1,440	.043	.058	.255	.320	.031	.292
1976	Apr.	2,275	3,563	1,150	.060	.066	.222	.311	.026	.315
1976	May	800	1,855	1,710	.033	.053	.273	.336	.034	.271
1976	June	641	1,695	1,940	.027	.050	.287	.341	.036	.259
1976	July	859	2,054	1,760	.031	.052	.276	.337	.035	.269
1976	Aug.	1,525	2,425	1,170	.060	.064	.225	.315	.027	.309
1976	Sept.	1,111	2,036	1,350	.048	.061	.241	.325	.029	.297
1976	Oct.	1,428	2,851	1,470	.042	.058	.250	.323	.032	.295
1976	Nov.	1,521	2,586	1,250	.054	.063	.230	.315	.029	.309
1976	Dec.	1,319	2,686	1,500	.041	.057	.252	.325	.032	.293
1977	Jan.	1,117	2,356	1,550	.038	.056	.256	.328	.033	.289
1977	Feb.	1,216	2,468	1,490	.041	.057	.252	.324	.032	.294
1977	Mar.	1,305	2,545	1,430	.044	.058	.247	.323	.031	.296

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 46. 09306222 Piceance Creek at White River, Colo., water years 1971 through 1983--Continued											
1977	Apr.	747	1,648	1,620	0.036	0.054	0.261	0.333	0.033	0.282	
1977	May	273	908	2,440	.019	.042	.311	.351	.042	.235	
1977	June	159	642	2,970	.014	.037	.336	.354	.047	.212	
1977	July	297	1,028	2,540	.017	.041	.317	.349	.043	.233	
1977	Aug.	491	1,354	2,030	.025	.048	.290	.342	.038	.257	
1977	Sept.	666	1,792	1,980	.026	.048	.287	.338	.038	.262	
1977	Oct.	813	1,947	1,760	.032	.052	.272	.336	.035	.273	
1977	Nov.	1,095	2,311	1,550	.039	.055	.259	.330	.033	.285	
1977	Dec.	1,319	2,384	1,330	.049	.060	.242	.323	.030	.296	
1978	Jan.	1,263	2,242	1,300	.051	.060	.239	.323	.030	.297	
1978	Feb.	1,184	1,989	1,240	.056	.061	.234	.320	.029	.300	
1978	Mar.	1,813	2,583	1,050	.071	.066	.217	.309	.026	.311	
1978	Apr.	2,756	3,320	886	.092	.069	.203	.295	.024	.317	
1978	May	843	2,088	1,820	.031	.050	.279	.335	.037	.268	
1978	June	456	1,355	2,190	.023	.045	.299	.341	.040	.252	
1978	July	313	1,087	2,550	.018	.042	.311	.348	.042	.239	
1978	Aug.	415	1,161	2,060	.025	.048	.288	.343	.038	.258	
1978	Sept.	441	1,343	2,240	.022	.045	.298	.342	.040	.252	
1978	Oct.	651	1,866	2,110	.027	.049	.282	.331	.036	.275	
1978	Nov.	1,470	2,853	1,430	.043	.057	.250	.326	.030	.294	
1978	Dec.	1,543	3,122	1,490	.041	.057	.253	.328	.030	.293	
1979	Jan.	1,365	2,766	1,490	.041	.057	.253	.327	.030	.293	
1979	Feb.	1,343	2,608	1,430	.043	.058	.249	.326	.030	.295	
1979	Mar.	2,319	4,163	1,320	.047	.059	.242	.326	.028	.298	
1979	Apr.	3,632	5,136	1,040	.063	.064	.223	.319	.025	.306	
1979	May	7,513	8,243	807	.083	.069	.201	.311	.021	.315	
1979	June	3,076	4,140	989	.066	.064	.221	.317	.025	.307	
1979	July	976	2,352	1,770	.033	.053	.267	.330	.033	.284	
1979	Aug.	2,767	4,130	1,100	.059	.063	.227	.320	.026	.305	
1979	Sept.	1,266	2,574	1,490	.041	.057	.253	.327	.030	.292	
1979	Oct.	1,139	2,107	1,360	.043	.055	.254	.322	.029	.296	
1979	Nov.	2,029	3,249	1,180	.051	.060	.238	.316	.025	.310	
1979	Dec.	2,029	3,441	1,250	.048	.059	.242	.319	.026	.306	
1980	Jan.	2,071	3,510	1,250	.049	.059	.241	.319	.026	.306	
1980	Feb.	2,352	3,391	1,060	.058	.062	.230	.310	.024	.316	
1980	Mar.	2,279	3,672	1,180	.051	.060	.237	.316	.025	.310	
1980	Apr.	3,253	3,967	897	.070	.066	.216	.300	.021	.327	
1980	May	8,313	8,122	718	.092	.074	.188	.285	.016	.345	
1980	June	1,679	3,099	1,360	.045	.057	.248	.324	.028	.297	
1980	July	1,353	2,740	1,490	.039	.055	.258	.328	.030	.291	

1980 Aug.	1,983	3,063	1,140	.053	.060	.237	.313	.025	.312
1980 Sept.	1,382	2,467	1,310	.045	.056	.251	.320	.028	.300
1980 Oct.	1,811	3,229	1,310	.047	.059	.244	.320	.027	.303
1980 Nov.	2,807	4,290	1,120	.056	.064	.228	.310	.023	.319
1980 Dec.	2,549	3,753	1,080	.057	.064	.229	.306	.024	.321
1981 Jan.	2,118	3,251	1,130	.054	.062	.235	.308	.025	.316
1981 Feb.	1,789	2,914	1,200	.051	.061	.239	.313	.026	.311
1981 Mar.	2,150	3,514	1,200	.051	.061	.238	.314	.025	.311
1981 Apr.	1,387	2,425	1,290	.047	.058	.248	.318	.028	.301
1981 May	238	915	2,820	.017	.037	.324	.351	.050	.221
1981 June	156	573	2,710	.017	.036	.331	.342	.054	.220
1981 July	341	979	2,110	.024	.043	.304	.338	.044	.248
1981 Aug.	266	861	2,380	.021	.040	.314	.342	.047	.236
1981 Sept.	210	828	2,900	.016	.036	.328	.352	.052	.217
1981 Oct.	1,375	2,918	1,560	.038	.053	.258	.337	.032	.283
1981 Nov.	2,001	3,603	1,320	.046	.057	.244	.329	.029	.295
1981 Dec.	1,652	3,052	1,360	.044	.055	.252	.329	.030	.290
1982 Jan.	1,476	2,791	1,390	.042	.054	.255	.330	.031	.287
1982 Feb.	1,989	3,213	1,190	.051	.059	.240	.323	.028	.300
1982 Mar.	2,154	3,491	1,190	.051	.058	.241	.323	.028	.299
1982 Apr.	1,257	2,208	1,290	.045	.054	.257	.324	.032	.288
1982 May	341	969	2,090	.024	.041	.308	.338	.045	.244
1982 June	112	484	3,170	.014	.033	.347	.342	.057	.208
1982 July	361	1,012	2,060	.026	.043	.301	.340	.044	.247
1982 Aug.	1,192	2,311	1,430	.040	.053	.262	.330	.033	.282
1982 Sept.	2,045	3,276	1,180	.051	.058	.241	.322	.028	.299
1982 Oct.	1,817	2,859	1,160	.056	.060	.228	.328	.027	.301
1982 Nov.	1,646	2,633	1,180	.055	.060	.229	.328	.028	.300
1982 Dec.	1,379	2,412	1,290	.049	.058	.240	.331	.030	.292
1983 Jan.	1,367	2,304	1,240	.052	.059	.234	.330	.028	.297
1983 Feb.	1,351	2,018	1,100	.060	.062	.221	.325	.025	.307
1983 Mar.	2,559	3,608	1,040	.063	.062	.218	.324	.026	.306
1983 Apr.	4,298	4,713	806	.083	.068	.194	.312	.022	.320
1983 May	20,530	17,600	631	.103	.072	.174	.303	.021	.326
1983 June	14,690	14,990	750	.085	.068	.194	.313	.025	.314
1983 July	5,810	7,584	960	.066	.063	.216	.323	.028	.304
1983 Aug.	5,792	6,852	870	.075	.066	.202	.318	.025	.314
1983 Sept.	3,939	5,211	973	.067	.064	.213	.322	.026	.308

Site 47. 09306255 Yellow Creek near White River, Colo., water years 1974 through 1982.

1973 Oct.	81	275	2,480	.011	.044	.316	.351	.053	.225
1973 Nov.	113	375	2,440	.013	.045	.311	.347	.052	.232
1973 Dec.	91	307	2,470	.011	.044	.315	.351	.053	.226
1974 Jan.	84	285	2,480	.011	.044	.316	.351	.053	.225
1974 Feb.	128	423	2,420	.014	.046	.308	.345	.051	.236
1974 Mar.	383	1,192	2,290	.022	.053	.288	.328	.046	.263
1974 Apr.	201	651	2,380	.016	.049	.301	.340	.049	.246
1974 May	170	555	2,400	.015	.047	.305	.343	.050	.240
1974 June	134	437	2,400	.014	.047	.307	.344	.051	.237
1974 July	155	459	2,180	.021	.047	.302	.338	.050	.243
1974 Aug.	97	288	2,190	.016	.044	.312	.345	.053	.231
1974 Sept.	103	314	2,240	.016	.044	.311	.345	.052	.232

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 47. 09306255 Yellow Creek near White River, Colo., water years 1974 through 1982--Continued										
1974	Oct.	104	348	2,460	0.012	0.045	0.313	0.349	0.052	0.229
1974	Nov.	87	295	2,480	.011	.044	.315	.351	.053	.226
1974	Dec.	114	379	2,450	.013	.045	.311	.348	.052	.232
1975	Jan.	95	303	2,340	.014	.044	.313	.348	.053	.229
1975	Feb.	112	369	2,430	.013	.046	.309	.346	.051	.234
1975	Mar.	135	443	2,410	.014	.046	.308	.345	.051	.236
1975	Apr.	103	314	2,250	.015	.044	.311	.345	.052	.232
1975	May	105	342	2,390	.013	.045	.312	.348	.052	.230
1975	June	81	275	2,510	.011	.044	.316	.352	.053	.224
1975	July	88	295	2,460	.012	.044	.314	.350	.053	.228
1975	Aug.	51	172	2,480	.010	.041	.323	.356	.055	.215
1975	Sept.	68	226	2,450	.011	.043	.318	.353	.054	.222
1975	Oct.	74	257	2,560	.011	.042	.318	.356	.054	.219
1975	Nov.	82	292	2,620	.011	.042	.318	.357	.053	.218
1975	Dec.	87	299	2,530	.011	.043	.316	.355	.053	.222
1976	Jan.	74	254	2,540	.010	.042	.318	.356	.054	.219
1976	Feb.	127	401	2,330	.016	.050	.302	.345	.049	.237
1976	Mar.	211	646	2,250	.020	.054	.294	.340	.047	.245
1976	Apr.	121	408	2,480	.013	.046	.310	.352	.051	.229
1976	May	96	325	2,490	.012	.045	.314	.353	.052	.225
1976	June	61	210	2,540	.010	.042	.321	.356	.055	.217
1976	July	21	76	2,670	.006	.035	.338	.363	.061	.197
1976	Aug.	58	201	2,540	.011	.042	.320	.356	.054	.218
1976	Sept.	48	167	2,570	.009	.040	.325	.358	.056	.212
1976	Oct.	93	338	2,660	.011	.042	.315	.362	.054	.215
1976	Nov.	99	357	2,650	.012	.043	.314	.362	.053	.216
1976	Dec.	63	229	2,680	.011	.041	.320	.359	.057	.213
1977	Jan.	38	132	2,560	.009	.039	.322	.353	.062	.215
1977	Feb.	83	303	2,680	.011	.042	.316	.362	.054	.214
1977	Mar.	126	457	2,660	.012	.044	.312	.364	.051	.217
1977	Apr.	122	435	2,620	.012	.044	.311	.363	.052	.218
1977	May	75	273	2,680	.011	.041	.318	.361	.055	.213
1977	June	40	154	2,800	.010	.038	.326	.360	.059	.206
1977	July	70	234	2,450	.012	.046	.308	.357	.054	.224
1977	Aug.	63	228	2,680	.011	.041	.319	.360	.056	.213
1977	Sept.	52	195	2,740	.010	.040	.323	.360	.058	.210
1977	Oct.	61	233	2,800	.011	.042	.313	.364	.051	.219
1977	Nov.	47	167	2,640	.011	.041	.326	.364	.065	.192
1977	Dec.	35	130	2,720	.011	.041	.325	.364	.066	.193
1978	Jan.	61	233	2,800	.011	.042	.314	.365	.050	.218

1978	Feb.	78	278	2,610	.011	.041	.320	.363	.058	.206
1978	Mar.	109	332	2,230	.012	.039	.335	.353	.093	.167
1978	Apr.	82	276	2,480	.011	.041	.329	.362	.069	.187
1978	May	63	250	2,890	.010	.042	.306	.364	.046	.232
1978	June	43	174	2,970	.010	.042	.311	.366	.051	.232
1978	July	24	100	3,050	.010	.042	.313	.365	.056	.220
1978	Aug.	19	77	3,040	.010	.042	.320	.361	.038	.213
1978	Sept.	1,016	2,498	1,810	.011	.040	.320	.351	.071	.230
1978	Oct.	30	114	2,760	.014	.045	.319	.351	.071	.200
1978	Nov.	51	196	2,830	.013	.045	.320	.353	.067	.203
1978	Dec.	9	39	3,120	.013	.047	.318	.353	.073	.196
1979	Jan.	1	5	6,640	.010	.059	.308	.355	.103	.165
1979	Feb.	12	49	3,010	.013	.047	.318	.352	.073	.197
1979	Mar.	196	605	2,270	.013	.042	.321	.353	.057	.213
1979	Apr.	142	427	2,200	.014	.042	.321	.351	.059	.213
1979	May	160	502	2,300	.013	.042	.321	.352	.059	.212
1979	June	107	368	2,520	.013	.043	.321	.353	.061	.209
1979	July	150	432	2,120	.014	.041	.321	.351	.058	.214
1979	Aug.	92	267	2,130	.015	.042	.321	.349	.063	.210
1979	Sept.	74	213	2,110	.015	.042	.321	.348	.064	.209
1979	Oct.	99	291	2,160	.014	.044	.320	.343	.064	.214
1979	Nov.	94	279	2,170	.014	.044	.320	.343	.065	.214
1979	Dec.	79	238	2,220	.014	.045	.320	.343	.066	.211
1980	Jan.	85	258	2,230	.014	.045	.320	.343	.066	.212
1980	Feb.	732	725	729	.021	.032	.322	.331	.046	.248
1980	Mar.	183	503	2,020	.014	.042	.321	.341	.060	.223
1980	Apr.	139	418	2,220	.013	.043	.321	.342	.061	.220
1980	May	159	424	1,960	.015	.042	.321	.341	.061	.220
1980	June	141	411	2,130	.014	.043	.321	.342	.061	.220
1980	July	114	335	2,150	.014	.044	.321	.342	.063	.216
1980	Aug.	110	293	1,950	.015	.043	.321	.343	.063	.215
1980	Sept.	130	338	1,910	.015	.043	.321	.342	.062	.218
1980	Oct.	156	420	1,970	.014	.045	.310	.335	.050	.247
1980	Nov.	151	410	2,000	.014	.045	.310	.334	.050	.247
1980	Dec.	157	426	2,000	.013	.045	.310	.334	.050	.248
1981	Jan.	153	346	2,060	.014	.045	.309	.335	.052	.245
1981	Feb.	123	453	2,060	.014	.045	.312	.335	.052	.245
1981	Mar.	153	386	2,170	.013	.046	.310	.332	.050	.249
1981	Apr.	131	358	2,230	.013	.046	.309	.334	.052	.246
1981	May	118	247	2,240	.016	.045	.305	.339	.059	.236
1981	June	81	198	2,370	.017	.045	.302	.341	.064	.230
1981	July	61	165	2,280	.020	.044	.298	.345	.070	.223
1981	Aug.	53	174	2,390	.018	.045	.300	.343	.067	.226
1981	Sept.	54	271	2,290	.015	.046	.306	.337	.058	.239
1981	Oct.	87	296	2,400	.013	.047	.308	.334	.055	.244
1981	Nov.	91	360	2,510	.011	.048	.311	.329	.051	.251
1981	Dec.	106	354	2,290	.013	.046	.309	.333	.052	.247
1982	Jan.	114	595	785	.023	.038	.307	.344	.044	.244
1982	Feb.	557	309	2,250	.014	.046	.307	.336	.055	.242
1982	Mar.	101	294	2,400	.013	.047	.308	.334	.055	.243
1982	Apr.	90	355	2,440	.012	.047	.310	.330	.051	.249
1982	May	107	285	2,400	.014	.047	.307	.335	.056	.242
1982	June	87								

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 47. 09306255 Yellow Creek near White River, Colo., water years 1974 through 1982--Continued										
1982	July	74	241	2,390	0.015	0.046	0.305	0.338	0.060	0.236
1982	Aug.	87	250	2,120	.017	.045	.304	.341	.060	.234
1982	Sept.	126	341	1,990	.015	.045	.308	.336	.053	.243
Site 48. 09306300 White River above Rangely, Colo., water years 1975 through 1982.										
1974	Oct.	27,120	17,440	473	.150	.053	.133	.242	.076	.345
1974	Nov.	27,070	17,130	465	.151	.053	.132	.244	.076	.344
1974	Dec.	25,550	16,940	488	.148	.053	.135	.239	.078	.347
1975	Jan.	20,880	15,390	542	.142	.053	.140	.226	.082	.355
1975	Feb.	21,190	14,690	510	.146	.053	.137	.233	.080	.351
1975	Mar.	25,110	16,800	492	.148	.053	.135	.238	.078	.348
1975	Apr.	28,240	17,430	454	.152	.053	.131	.247	.075	.342
1975	May	72,510	26,800	272	.177	.053	.108	.305	.057	.300
1975	June	156,200	39,200	185	.199	.051	.088	.357	.043	.261
1975	July	89,640	29,940	246	.183	.052	.103	.319	.053	.290
1975	Aug.	29,450	18,100	452	.152	.053	.131	.247	.075	.341
1975	Sept.	26,210	16,850	473	.150	.053	.133	.242	.076	.345
1975	Oct.	29,540	18,150	452	.152	.053	.131	.247	.074	.341
1975	Nov.	26,460	16,930	470	.150	.053	.133	.243	.076	.344
1975	Dec.	25,350	16,880	490	.148	.053	.135	.238	.078	.348
1976	Jan.	23,680	16,320	507	.146	.053	.137	.234	.079	.350
1976	Feb.	26,020	16,510	466	.151	.053	.133	.244	.076	.344
1976	Mar.	33,890	19,300	419	.156	.053	.127	.256	.072	.335
1976	Apr.	31,620	18,430	429	.155	.053	.128	.254	.072	.337
1976	May	85,020	29,690	257	.182	.053	.104	.315	.053	.293
1976	June	66,260	25,820	287	.176	.053	.109	.301	.058	.303
1976	July	24,320	16,480	498	.147	.053	.136	.236	.079	.349
1976	Aug.	22,570	15,960	520	.145	.053	.138	.231	.081	.352
1976	Sept.	19,850	14,740	546	.142	.053	.141	.225	.083	.356
1976	Oct.	24,660	16,910	504	.147	.053	.136	.234	.080	.350
1976	Nov.	21,340	15,460	533	.144	.053	.139	.228	.082	.354
1976	Dec.	19,280	14,950	570	.140	.052	.142	.221	.086	.359
1977	Jan.	16,170	13,710	623	.135	.052	.147	.212	.090	.364
1977	Feb.	18,240	13,830	558	.141	.052	.141	.223	.084	.357
1977	Mar.	24,550	16,870	505	.147	.053	.136	.234	.080	.351
1977	Apr.	25,100	16,750	491	.148	.053	.135	.237	.078	.349
1977	May	24,950	16,940	499	.147	.053	.136	.235	.079	.350
1977	June	17,440	13,440	567	.138	.052	.144	.218	.088	.360

1977	July	7,591	9,345	905	.115	.050	.166	.174	.110	.385
1977	Aug.	11,660	11,360	717	.126	.051	.155	.195	.099	.374
1977	Sept.	15,010	13,010	637	.134	.052	.148	.209	.091	.366
1977	Oct.	20,080	15,220	557	.142	.052	.139	.223	.085	.359
1977	Nov.	18,270	14,240	573	.140	.051	.140	.220	.087	.361
1977	Dec.	17,870	14,240	586	.139	.051	.141	.218	.089	.362
1978	Jan.	23,350	16,660	535	.145	.052	.138	.229	.081	.354
1978	Feb.	20,150	14,650	535	.144	.052	.138	.227	.082	.356
1978	Mar.	23,070	16,450	525	.145	.052	.138	.229	.081	.355
1978	Apr.	29,900	18,900	465	.152	.053	.135	.242	.073	.345
1978	May	84,620	34,240	298	.177	.054	.122	.287	.051	.309
1978	June	169,600	51,600	224	.193	.055	.113	.319	.038	.282
1978	July	62,160	28,490	337	.169	.054	.126	.273	.057	.320
1978	Aug.	25,560	17,530	504	.148	.052	.137	.233	.078	.352
1978	Sept.	25,420	16,940	490	.148	.052	.136	.235	.078	.350
1978	Oct.	25,130	17,470	511	.145	.053	.137	.231	.077	.357
1978	Nov.	24,200	16,850	512	.145	.053	.137	.231	.077	.357
1978	Dec.	22,660	16,360	531	.143	.053	.138	.228	.079	.359
1979	Jan.	21,520	15,830	541	.142	.052	.139	.226	.081	.360
1979	Feb.	24,160	16,400	499	.146	.053	.137	.233	.075	.356
1979	Mar.	38,710	22,830	434	.153	.054	.133	.245	.066	.349
1979	Apr.	40,160	23,170	424	.154	.054	.132	.248	.065	.347
1979	May	103,100	41,090	293	.170	.056	.122	.279	.047	.326
1979	June	138,700	50,820	269	.175	.056	.119	.289	.042	.319
1979	July	55,540	28,160	373	.159	.055	.129	.258	.059	.340
1979	Aug.	32,070	20,360	467	.150	.053	.135	.239	.071	.353
1979	Sept.	19,710	14,760	551	.142	.052	.139	.224	.082	.361
1979	Oct.	23,490	15,600	489	.145	.054	.135	.229	.075	.363
1979	Nov.	23,320	15,390	485	.145	.054	.135	.230	.075	.362
1979	Dec.	20,500	14,320	514	.142	.053	.136	.224	.078	.366
1980	Jan.	20,860	14,500	511	.142	.053	.136	.225	.078	.366
1980	Feb.	26,890	16,550	452	.149	.054	.133	.236	.071	.357
1980	Mar.	26,820	17,080	468	.147	.054	.134	.233	.072	.359
1980	Apr.	36,580	20,510	412	.154	.054	.131	.245	.065	.350
1980	May	108,200	42,950	292	.172	.055	.122	.281	.047	.322
1980	June	123,200	46,440	277	.175	.055	.120	.286	.045	.318
1980	July	42,540	22,870	395	.156	.054	.130	.249	.063	.347
1980	Aug.	23,350	15,570	490	.145	.054	.135	.229	.075	.363
1980	Sept.	22,630	15,130	492	.145	.054	.135	.229	.075	.363
1980	Oct.	25,080	15,840	464	.149	.055	.128	.235	.065	.368
1980	Nov.	24,450	15,490	466	.149	.055	.128	.235	.065	.368
1980	Dec.	23,160	15,120	480	.147	.054	.130	.231	.067	.370
1981	Jan.	21,280	14,250	492	.146	.054	.131	.228	.069	.372
1981	Feb.	17,490	12,100	509	.144	.054	.132	.225	.071	.374
1981	Mar.	20,680	14,030	499	.145	.054	.131	.227	.069	.373
1981	Apr.	33,050	18,740	417	.156	.055	.123	.247	.059	.361
1981	May	46,400	23,570	374	.162	.056	.118	.259	.053	.352
1981	June	55,410	25,360	337	.167	.056	.114	.269	.049	.345
1981	July	24,160	15,520	472	.148	.055	.129	.233	.066	.369
1981	Aug.	16,920	12,200	530	.141	.054	.134	.220	.074	.377
1981	Sept.	17,230	12,290	525	.142	.054	.134	.222	.073	.376
1981	Oct.	28,400	17,170	445	.152	.055	.126	.240	.063	.365
1981	Nov.	24,170	15,390	468	.149	.055	.128	.234	.065	.369
1981	Dec.	22,360	14,740	485	.147	.054	.130	.230	.068	.371

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 48. 09306300 White River above Rangely, Colo., water years 1975 through 1982--Continued										
1982	Jan.	25,420	16,080	465	0.149	0.055	0.128	0.235	0.065	0.368
1982	Feb.	27,810	16,390	433	.153	.055	.125	.243	.061	.363
1982	Mar.	27,250	16,820	454	.151	.055	.127	.238	.063	.367
1982	Apr.	33,820	19,060	414	.156	.055	.123	.247	.058	.360
1982	May	102,200	40,110	289	.178	.056	.106	.289	.040	.331
1982	June	119,100	44,180	273	.181	.056	.103	.296	.037	.326
1982	July	70,150	31,040	325	.170	.056	.112	.275	.046	.341
Site 49. 09306430 Evacuation Creek near Watson, Utah, water years 1975 through 1981.										
1974	Oct.	7	32	3,260	.051	.046	.208	.069	.014	.612
1974	Nov.	5	22	3,420	.050	.046	.208	.069	.015	.613
1974	Dec.	3	13	3,640	.048	.047	.209	.068	.015	.613
1975	Jan.	2	11	3,700	.048	.047	.209	.068	.015	.614
1975	Feb.	9	33	2,830	.053	.044	.207	.071	.014	.610
1975	Mar.	145	445	2,260	.059	.042	.205	.075	.013	.606
1975	Apr.	59	213	2,660	.055	.044	.206	.073	.014	.609
1975	May	364	1,066	2,150	.060	.041	.205	.076	.013	.605
1975	June	77	282	2,680	.055	.044	.206	.072	.014	.609
1975	July	92	302	2,400	.057	.043	.205	.074	.014	.607
1975	Aug.	14	60	3,110	.052	.045	.207	.070	.014	.611
1975	Sept.	40	140	2,550	.056	.043	.206	.073	.014	.608
1975	Oct.	3	14	3,730	.048	.047	.208	.067	.015	.615
1975	Nov.	4	18	3,640	.048	.047	.208	.068	.015	.615
1975	Dec.	3	13	3,680	.048	.047	.208	.067	.015	.614
1976	Jan.	2	11	3,400	.050	.046	.209	.068	.015	.612
1976	Feb.	582	1,188	1,500	.067	.040	.203	.078	.013	.598
1976	Mar.	76	246	2,390	.058	.042	.206	.074	.014	.605
1976	Apr.	100	391	2,890	.053	.045	.206	.072	.013	.612
1976	May	230	476	1,520	.070	.039	.204	.079	.015	.594
1976	June	21	86	3,090	.052	.045	.207	.070	.014	.612
1976	July	29	113	2,850	.053	.044	.207	.071	.014	.610
1976	Aug.	12	51	3,100	.052	.045	.207	.070	.014	.611
1976	Sept.	55	176	2,360	.058	.042	.205	.074	.013	.607
1976	Oct.	3	13	2,820	.054	.044	.211	.068	.013	.611
1976	Nov.	1	6	3,830	.045	.049	.212	.062	.013	.619
1976	Dec.	1	7	3,910	.045	.049	.212	.062	.013	.619
1977	Jan.	1	6	3,740	.046	.048	.212	.063	.013	.618
1977	Feb.	1	6	3,730	.046	.048	.212	.063	.013	.618

1977	Mar.	2	11	3,330	.049	.046	.211	.066	.013	.615
1977	Apr.	1	5	3,770	.046	.048	.212	.062	.013	.618
1977	May	1	7	3,720	.046	.048	.212	.063	.013	.618
1977	June	1	7	3,680	.047	.048	.212	.063	.013	.617
1977	July	248	737	2,190	.062	.039	.205	.079	.013	.602
1977	Aug.	149	472	2,320	.060	.040	.206	.077	.013	.605
1977	Sept.	78	256	2,410	.059	.040	.206	.076	.013	.606
1977	Oct.	70	163	1,720	.065	.037	.216	.091	.010	.582
1977	Nov.	60	143	1,760	.064	.037	.216	.090	.010	.583
1977	Dec.	3	14	3,510	.045	.047	.218	.062	.012	.616
1978	Jan.	2	10	3,690	.044	.048	.218	.060	.012	.618
1978	Feb.	2	10	3,500	.045	.047	.218	.062	.012	.616
1978	Mar.	59	189	2,350	.056	.041	.217	.077	.011	.598
1978	Apr.	51	169	2,450	.055	.041	.217	.076	.011	.600
1978	May	35	122	2,570	.053	.042	.217	.074	.011	.602
1978	June	10	40	2,990	.049	.044	.218	.068	.011	.609
1978	July	8	32	2,860	.050	.044	.218	.069	.011	.608
1978	Aug.	135	274	1,490	.070	.035	.215	.098	.010	.573
1978	Sept.	2	11	3,610	.044	.047	.218	.061	.012	.617
1978	Oct.	3	16	3,720	.044	.047	.215	.061	.011	.621
1978	Nov.	2	9	4,160	.043	.047	.216	.056	.012	.626
1978	Dec.	2	9	3,970	.043	.047	.217	.057	.012	.624
1979	Jan.	1	7	4,290	.042	.047	.217	.055	.012	.627
1979	Feb.	2	11	4,250	.042	.047	.215	.056	.011	.628
1979	Mar.	323	531	1,210	.064	.044	.206	.124	.010	.552
1979	Apr.	311	688	1,630	.058	.045	.207	.103	.009	.578
1979	May	264	738	2,050	.055	.046	.207	.094	.009	.588
1979	June	70	227	2,380	.053	.047	.209	.086	.009	.597
1979	July	14	58	3,070	.048	.047	.213	.070	.011	.611
1979	Aug.	56	148	1,940	.056	.046	.206	.098	.008	.585
1979	Sept.	121	262	1,590	.060	.046	.202	.114	.007	.570
1979	Oct.	7	30	3,030	.049	.046	.211	.074	.014	.606
1979	Nov.	3	16	3,940	.044	.045	.215	.061	.017	.617
1979	Dec.	3	14	3,410	.047	.044	.216	.065	.022	.606
1980	Jan.	108	174	1,180	.066	.042	.207	.113	.019	.552
1980	Feb.	1,480	796	396	.090	.034	.193	.171	.050	.463
1980	Mar.	38	159	3,070	.049	.047	.211	.074	.010	.609
1980	Apr.	106	406	2,830	.051	.048	.208	.079	.007	.606
1980	May	736	1,681	1,680	.060	.046	.206	.102	.009	.577
1980	June	116	388	2,460	.053	.047	.209	.085	.009	.598
1980	July	123	246	1,460	.062	.042	.210	.101	.022	.563
1980	Aug.	154	382	1,830	.059	.047	.205	.100	.007	.582
1980	Sept.	28	85	2,210	.053	.044	.211	.080	.023	.589
1980	Oct.	38	105	2,030	.055	.045	.211	.086	.014	.589
1980	Nov.	12	55	3,410	.047	.046	.213	.069	.013	.613
1980	Dec.	12	59	3,490	.047	.046	.213	.068	.012	.614
1981	Jan.	17	76	3,370	.047	.046	.213	.069	.012	.613
1981	Feb.	24	106	3,280	.048	.047	.211	.071	.010	.613
1981	Mar.	47	227	3,560	.046	.049	.209	.071	.007	.619
1981	Apr.	111	491	3,240	.048	.050	.206	.075	.006	.615
1981	May	77	319	3,030	.049	.048	.208	.076	.007	.611
1981	June	39	161	3,020	.049	.047	.210	.075	.009	.609

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 49. 09306430 Evacuation Creek near Watson, Utah, water years 1975 through 1981--Continued										
1981	July	135	356	1,940	0.057	0.047	0.206	0.097	0.008	0.585
1981	Aug.	189	482	1,880	.058	.047	.205	.099	.007	.583
1981	Sept.	207	672	2,390	.054	.050	.202	.091	.005	.598
Site 50. 09306500 White River near Watson, Utah, water years 1951 through 1983.										
1950	Oct.	24,730	19,130	569	.137	.046	.152	.198	.125	.343
1950	Nov.	23,460	18,250	572	.136	.046	.153	.196	.125	.344
1950	Dec.	22,540	17,230	562	.133	.046	.155	.192	.128	.346
1951	Jan.	18,140	14,840	601	.125	.045	.163	.178	.135	.354
1951	Feb.	23,520	18,500	578	.137	.045	.154	.200	.121	.342
1951	Mar.	26,840	21,940	601	.136	.045	.155	.201	.120	.342
1951	Apr.	26,130	18,810	529	.139	.046	.150	.203	.121	.339
1951	May	79,040	30,940	288	.185	.051	.107	.287	.089	.281
1951	June	112,400	37,190	243	.200	.051	.094	.318	.077	.260
1951	July	51,130	25,950	373	.165	.049	.127	.252	.100	.307
1951	Aug.	38,650	27,960	532	.155	.046	.138	.243	.102	.316
1951	Sept.	21,240	14,260	494	.136	.047	.150	.193	.130	.343
1951	Oct.	25,110	17,280	506	.139	.047	.149	.200	.125	.340
1951	Nov.	22,750	15,730	508	.137	.047	.151	.196	.127	.343
1951	Dec.	20,990	16,110	564	.131	.046	.158	.187	.130	.349
1952	Jan.	20,120	16,250	594	.128	.045	.161	.184	.131	.351
1952	Feb.	19,300	14,540	554	.131	.046	.157	.187	.131	.349
1952	Mar.	20,650	16,080	573	.130	.045	.158	.186	.131	.349
1952	Apr.	77,080	69,080	659	.164	.043	.137	.272	.081	.303
1952	May	148,700	81,400	402	.192	.046	.106	.324	.068	.265
1952	June	210,000	83,260	292	.209	.047	.088	.359	.059	.237
1952	July	50,330	30,180	441	.161	.048	.132	.247	.100	.312
1952	Aug.	46,150	39,470	629	.150	.044	.147	.235	.099	.324
1952	Sept.	33,210	23,320	516	.147	.047	.145	.219	.113	.331
1952	Oct.	25,800	18,540	528	.139	.045	.154	.206	.121	.336
1952	Nov.	21,840	17,800	600	.130	.044	.162	.208	.124	.332
1952	Dec.	26,280	22,280	623	.129	.044	.163	.226	.120	.317
1953	Jan.	24,700	18,530	552	.136	.045	.157	.207	.122	.334
1953	Feb.	23,250	18,680	591	.133	.044	.160	.218	.121	.324
1953	Mar.	35,480	29,410	609	.132	.044	.159	.256	.112	.297
1953	Apr.	29,680	24,350	603	.132	.044	.161	.239	.116	.308
1953	May	70,190	39,680	416	.156	.045	.135	.290	.096	.278
1953	June	134,400	54,140	296	.181	.046	.113	.324	.080	.257

1953	July	32,800	25,010	561	.136	.044	.156	.242	.114	.309
1953	Aug.	34,390	27,770	594	.133	.044	.156	.262	.110	.295
1953	Sept.	17,110	15,110	649	.124	.044	.168	.193	.130	.341
1953	Oct.	21,140	16,880	587	.134	.046	.158	.197	.126	.338
1953	Nov.	24,140	19,840	604	.134	.046	.159	.209	.122	.331
1953	Dec.	21,350	18,340	631	.131	.045	.162	.199	.126	.336
1954	Jan.	22,670	17,870	579	.136	.046	.157	.201	.125	.336
1954	Feb.	25,570	20,210	581	.137	.046	.156	.219	.118	.326
1954	Mar.	24,460	24,630	740	.124	.044	.170	.215	.122	.325
1954	Apr.	34,500	26,260	560	.138	.046	.155	.231	.113	.318
1954	May	68,790	40,650	435	.153	.047	.138	.274	.095	.293
1954	June	31,910	24,950	575	.136	.045	.157	.229	.114	.318
1954	July	18,260	20,770	836	.117	.043	.178	.204	.129	.331
1954	Aug.	13,330	13,030	718	.122	.044	.171	.177	.139	.348
1954	Sept.	34,520	29,850	636	.132	.045	.157	.254	.107	.305
1954	Oct.	26,490	21,370	593	.136	.046	.156	.218	.117	.327
1954	Nov.	20,010	16,740	615	.134	.046	.159	.197	.127	.337
1954	Dec.	17,970	16,640	681	.128	.045	.165	.189	.130	.343
1955	Jan.	15,950	14,300	660	.129	.045	.164	.182	.134	.345
1955	Feb.	18,760	16,570	650	.130	.046	.163	.197	.126	.339
1955	Mar.	46,620	33,920	535	.140	.047	.149	.256	.101	.307
1955	Apr.	31,070	25,040	593	.136	.046	.156	.222	.114	.325
1955	May	87,010	36,500	308	.178	.050	.118	.290	.089	.275
1955	June	75,640	29,670	288	.183	.051	.115	.283	.092	.276
1955	July	15,520	13,440	637	.130	.045	.164	.181	.135	.345
1955	Aug.	20,550	19,890	712	.125	.045	.168	.199	.124	.340
1955	Sept.	12,380	11,270	670	.128	.045	.163	.172	.141	.349
1955	Oct.	20,370	16,290	588	.137	.047	.156	.195	.129	.336
1955	Nov.	21,520	18,020	616	.136	.047	.157	.194	.125	.342
1955	Dec.	21,260	17,590	608	.136	.047	.157	.194	.126	.340
1956	Jan.	20,140	17,400	635	.134	.047	.159	.189	.128	.344
1956	Feb.	19,430	17,730	671	.131	.046	.162	.185	.126	.351
1956	Mar.	43,580	38,180	644	.143	.048	.147	.211	.097	.353
1956	Apr.	33,200	21,880	485	.150	.049	.143	.223	.113	.323
1956	May	98,650	37,160	277	.187	.052	.107	.305	.082	.266
1956	June	84,930	29,350	254	.188	.052	.107	.309	.086	.258
1956	July	21,950	16,520	553	.141	.048	.153	.202	.126	.331
1956	Aug.	21,230	18,210	631	.135	.047	.157	.192	.122	.347
1956	Sept.	12,900	11,820	674	.125	.045	.167	.173	.143	.347
1956	Oct.	19,300	15,940	607	.134	.047	.159	.190	.129	.342
1956	Nov.	20,550	17,780	636	.134	.047	.159	.189	.124	.348
1956	Dec.	18,140	16,110	653	.130	.046	.162	.182	.130	.350
1957	Jan.	21,480	18,380	629	.134	.047	.158	.190	.124	.346
1957	Feb.	22,180	17,810	590	.140	.047	.154	.200	.120	.339
1957	Mar.	30,560	29,390	707	.136	.047	.156	.192	.108	.361
1957	Apr.	29,360	25,120	629	.140	.047	.153	.200	.111	.349
1957	May	76,340	44,500	429	.173	.050	.124	.267	.086	.299
1957	June	217,900	105,200	355	.198	.050	.100	.323	.060	.269
1957	July	168,800	72,030	314	.200	.050	.099	.329	.066	.255
1957	Aug.	67,010	49,130	539	.163	.049	.131	.244	.084	.329
1957	Sept.	36,500	22,600	455	.158	.049	.138	.237	.110	.309
1957	Oct.	32,830	23,740	532	.143	.047	.149	.215	.107	.339
1957	Nov.	33,180	25,930	575	.144	.046	.151	.209	.107	.343
1957	Dec.	28,350	21,730	564	.137	.046	.155	.205	.109	.347

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 50. 09306500 White River near Watson, Utah, water years 1951 through 1983--Continued										
1958	Jan.	23,940	18,430	566	0.131	0.046	0.159	0.200	0.112	0.352
1958	Feb.	35,390	27,030	562	.153	.047	.145	.217	.104	.335
1958	Mar.	35,260	29,170	608	.144	.046	.152	.204	.107	.346
1958	Apr.	45,170	39,080	636	.152	.046	.148	.205	.104	.343
1958	May	148,300	67,000	332	.213	.047	.098	.311	.078	.253
1958	June	131,500	64,860	363	.211	.047	.102	.298	.080	.262
1958	July	33,580	22,050	483	.146	.047	.144	.227	.105	.330
1958	Aug.	21,840	17,020	573	.127	.046	.162	.196	.113	.356
1958	Sept.	25,460	19,890	575	.134	.046	.157	.201	.111	.351
1958	Oct.	27,390	19,620	527	.139	.044	.157	.207	.122	.332
1958	Nov.	24,540	18,130	543	.136	.044	.160	.202	.125	.334
1958	Dec.	22,040	17,070	570	.130	.044	.164	.194	.130	.338
1959	Jan.	23,490	19,270	603	.131	.044	.165	.190	.129	.341
1959	Feb.	20,820	16,090	568	.132	.044	.163	.195	.128	.337
1959	Mar.	23,550	19,340	604	.131	.044	.166	.190	.129	.341
1959	Apr.	30,370	21,360	517	.143	.045	.153	.211	.118	.330
1959	May	63,890	27,560	317	.177	.047	.118	.283	.089	.285
1959	June	96,360	34,040	260	.196	.047	.102	.318	.075	.262
1959	July	29,880	17,400	428	.147	.045	.147	.229	.116	.316
1959	Aug.	29,430	22,140	553	.143	.044	.155	.205	.118	.334
1959	Sept.	24,090	18,450	563	.137	.044	.160	.199	.124	.336
1959	Oct.	28,240	19,590	510	.143	.044	.153	.212	.123	.324
1959	Nov.	22,700	16,660	540	.136	.043	.159	.203	.129	.329
1959	Dec.	20,260	16,420	596	.130	.043	.166	.190	.134	.337
1960	Jan.	16,720	14,060	619	.123	.042	.172	.182	.140	.340
1960	Feb.	19,460	15,610	590	.130	.043	.166	.191	.134	.336
1960	Mar.	35,110	27,980	586	.146	.043	.155	.200	.122	.334
1960	Apr.	40,460	23,320	424	.158	.044	.140	.237	.112	.308
1960	May	69,080	27,240	290	.185	.046	.114	.295	.091	.270
1960	June	94,730	32,590	253	.201	.045	.102	.319	.081	.252
1960	July	21,400	15,030	517	.135	.044	.160	.205	.130	.326
1960	Aug.	13,950	12,380	653	.117	.042	.177	.174	.145	.344
1960	Sept.	18,870	16,070	626	.128	.042	.169	.184	.136	.341
1960	Oct.	21,220	15,900	551	.135	.043	.162	.198	.137	.325
1960	Nov.	21,330	16,440	567	.135	.042	.163	.196	.137	.327
1960	Dec.	18,850	15,780	616	.128	.041	.170	.184	.144	.333
1961	Jan.	18,610	15,790	624	.127	.041	.171	.182	.145	.334
1961	Feb.	19,300	15,400	587	.133	.042	.165	.191	.139	.330
1961	Mar.	22,820	18,460	595	.134	.042	.165	.190	.138	.331
1961	Apr.	21,880	18,030	606	.132	.041	.166	.188	.140	.333

1961	May	64,690	27,290	310	.181	.045	.119	.283	.095	.277
1961	June	64,680	25,110	286	.184	.045	.115	.296	.091	.268
1961	July	15,960	12,420	572	.127	.042	.169	.190	.145	.328
1961	Aug.	18,450	16,030	639	.127	.041	.171	.180	.145	.336
1961	Sept.	37,960	30,630	593	.150	.040	.155	.196	.125	.334
1961	Oct.	38,260	27,530	529	.156	.041	.147	.212	.121	.322
1961	Nov.	25,760	18,960	541	.144	.042	.155	.208	.130	.321
1961	Dec.	23,030	19,110	610	.136	.041	.162	.192	.136	.333
1962	Jan.	20,750	16,750	594	.135	.041	.163	.194	.137	.330
1962	Feb.	37,220	28,460	562	.155	.041	.149	.208	.123	.325
1962	Mar.	66,370	63,730	706	.166	.037	.147	.225	.109	.315
1962	Apr.	84,900	56,010	485	.176	.040	.134	.225	.087	.264
1962	May	138,400	61,120	325	.207	.043	.107	.292	.087	.264
1962	June	127,700	48,790	281	.208	.044	.103	.310	.084	.251
1962	July	58,830	29,640	371	.178	.044	.126	.266	.105	.282
1962	Aug.	25,360	19,250	558	.142	.042	.157	.203	.132	.325
1962	Sept.	21,030	18,210	637	.134	.041	.164	.190	.137	.333
1962	Oct.	27,930	21,190	558	--	--	--	--	--	--
1962	Nov.	25,240	19,650	572	--	--	--	--	--	--
1962	Dec.	21,340	18,090	623	--	--	--	--	--	--
1963	Jan.	20,330	18,280	661	--	--	--	--	--	--
1963	Feb.	23,760	19,040	589	--	--	--	--	--	--
1963	Mar.	23,890	19,880	612	--	--	--	--	--	--
1963	Apr.	28,970	19,120	485	--	--	--	--	--	--
1963	May	71,200	28,860	298	--	--	--	--	--	--
1963	June	30,570	17,870	430	--	--	--	--	--	--
1963	July	11,660	11,330	715	--	--	--	--	--	--
1963	Aug.	25,370	22,560	654	--	--	--	--	--	--
1963	Sept.	26,760	23,470	645	--	--	--	--	--	--
1963	Oct.	14,920	14,670	723	--	--	--	--	--	--
1963	Nov.	19,280	17,330	661	--	--	--	--	--	--
1963	Dec.	15,530	15,060	713	--	--	--	--	--	--
1964	Jan.	17,060	16,110	695	--	--	--	--	--	--
1964	Feb.	18,760	16,840	660	--	--	--	--	--	--
1964	Mar.	26,040	21,370	603	--	--	--	--	--	--
1964	Apr.	30,320	23,390	567	--	--	--	--	--	--
1964	May	84,210	45,370	396	--	--	--	--	--	--
1964	June	99,350	52,650	390	--	--	--	--	--	--
1964	July	30,220	23,400	569	--	--	--	--	--	--
1964	Aug.	24,690	20,650	615	--	--	--	--	--	--
1964	Sept.	15,700	15,010	703	--	--	--	--	--	--
1964	Oct.	20,060	15,890	582	--	--	--	--	--	--
1964	Nov.	20,350	16,340	591	--	--	--	--	--	--
1964	Dec.	21,540	18,430	629	--	--	--	--	--	--
1965	Jan.	23,350	20,580	648	--	--	--	--	--	--
1965	Feb.	22,390	19,230	631	--	--	--	--	--	--
1965	Mar.	33,460	32,430	713	--	--	--	--	--	--
1965	Apr.	35,100	28,490	597	--	--	--	--	--	--
1965	May	98,050	46,640	350	--	--	--	--	--	--
1965	June	157,700	61,130	285	--	--	--	--	--	--
1965	July	69,380	42,450	450	--	--	--	--	--	--
1965	Aug.	31,910	23,690	546	--	--	--	--	--	--
1965	Sept.	32,520	23,620	534	--	--	--	--	--	--
1965	Oct.	33,560	23,340	511	.144	.049	.148	.229	.122	.308

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 50. 09306500 White River near Watson, Utah, water years 1951 through 1983--Continued										
1965	Nov.	27,800	20,950	554	0.135	0.048	0.156	0.212	0.129	0.319
1965	Dec.	26,580	22,060	610	.122	.047	.166	.186	.135	.343
1966	Jan.	24,340	20,150	609	.123	.048	.166	.191	.137	.336
1966	Feb.	20,690	16,990	604	.123	.048	.166	.195	.137	.331
1966	Mar.	62,360	47,980	566	.136	.047	.153	.175	.114	.375
1966	Apr.	32,210	23,260	531	.141	.049	.151	.221	.124	.314
1966	May	71,570	35,370	363	.186	.048	.114	.301	.093	.259
1966	June	25,600	17,840	512	.140	.048	.152	.231	.127	.303
1966	July	9,919	10,650	789	.089	.044	.197	.145	.165	.360
1966	Aug.	16,330	16,280	733	.100	.045	.185	.150	.149	.371
1966	Sept.	13,800	13,700	730	.099	.046	.187	.157	.155	.357
1966	Oct.	23,140	20,690	658	.113	.048	.171	.174	.147	.347
1966	Nov.	17,630	15,450	644	.115	.051	.168	.188	.134	.343
1966	Dec.	18,660	17,260	680	.115	.051	.168	.188	.135	.343
1967	Jan.	18,070	16,910	688	.117	.052	.165	.195	.131	.340
1967	Feb.	17,650	16,010	667	.120	.052	.163	.198	.129	.338
1967	Mar.	28,710	26,110	669	.114	.047	.172	.169	.148	.350
1967	Apr.	24,300	19,490	590	.124	.051	.161	.199	.130	.336
1967	May	69,420	34,710	368	.185	.053	.112	.291	.085	.274
1967	June	101,800	43,170	312	.205	.053	.095	.332	.069	.246
1967	July	30,530	20,320	489	.143	.053	.142	.238	.111	.313
1967	Aug.	16,760	14,000	614	.118	.052	.164	.198	.129	.338
1967	Sept.	19,480	16,000	604	.120	.051	.163	.197	.130	.338
1967	Oct.	21,870	17,620	592	.123	.054	.157	.203	.103	.361
1967	Nov.	19,770	16,710	621	.118	.052	.162	.192	.110	.366
1967	Dec.	18,190	17,190	695	.108	.049	.173	.171	.122	.377
1968	Jan.	17,910	15,940	654	.119	.055	.159	.201	.110	.355
1968	Feb.	20,230	16,930	615	.124	.054	.155	.207	.102	.357
1968	Mar.	24,530	21,790	653	.115	.048	.168	.177	.112	.381
1968	Apr.	28,570	25,680	661	.116	.046	.169	.165	.108	.396
1968	May	71,460	38,810	399	.168	.053	.119	.263	.059	.338
1968	June	149,300	52,730	260	.211	.055	.078	.362	.029	.265
1968	July	36,970	23,990	477	.143	.054	.138	.237	.081	.346
1968	Aug.	42,590	39,260	678	.111	.039	.176	.144	.103	.427
1968	Sept.	21,540	13,840	473	.141	.062	.131	.267	.083	.316
1968	Oct.	25,850	16,750	476	.146	.058	.127	.262	.069	.338
1968	Nov.	23,740	15,780	489	.144	.058	.129	.257	.071	.341
1968	Dec.	25,920	19,150	543	.139	.055	.139	.236	.079	.351
1969	Jan.	23,490	18,290	573	.139	.056	.138	.238	.079	.351
1969	Feb.	19,380	15,470	587	.137	.055	.140	.233	.082	.353

1969	Mar.	32,750	26,910	604	.128	.050	.158	.202	.095	.367
1969	Apr.	52,420	31,130	437	.148	.055	.129	.263	.068	.335
1969	May	115,800	40,860	259	.177	.061	.082	.385	.032	.262
1969	June	74,590	34,840	343	.163	.059	.106	.320	.049	.302
1969	July	33,400	19,370	426	.148	.057	.124	.277	.067	.327
1969	Aug.	24,690	17,770	529	.138	.055	.139	.236	.081	.350
1969	Sept.	29,650	23,830	591	.126	.049	.159	.203	.100	.363
1969	Oct.	32,890	24,090	539	.138	.052	.145	.227	.068	.370
1969	Nov.	27,050	17,520	476	.150	.055	.127	.255	.063	.351
1969	Dec.	24,460	17,010	511	.145	.054	.132	.245	.065	.359
1970	Jan.	25,970	17,800	504	.146	.054	.131	.248	.064	.357
1970	Feb.	24,620	17,430	521	.144	.054	.134	.241	.065	.361
1970	Mar.	25,230	19,030	554	.139	.053	.140	.231	.067	.370
1970	Apr.	26,990	19,530	532	.142	.053	.137	.236	.066	.366
1970	May	123,400	43,950	262	.184	.058	.094	.329	.049	.286
1970	June	141,200	47,180	246	.188	.058	.091	.338	.048	.277
1970	July	51,920	24,940	353	.168	.057	.109	.293	.056	.317
1970	Aug.	31,810	20,080	464	.151	.055	.126	.257	.062	.348
1970	Sept.	28,970	17,680	449	.154	.056	.123	.263	.061	.344
1970	Oct.	32,540	21,580	488	.145	.052	.143	.243	.076	.341
1970	Nov.	27,980	16,090	423	.156	.054	.122	.259	.067	.342
1970	Dec.	25,780	15,910	454	.152	.053	.127	.251	.070	.347
1971	Jan.	26,450	16,350	455	.151	.053	.128	.251	.070	.347
1971	Feb.	21,630	13,970	475	.149	.053	.130	.246	.072	.350
1971	Mar.	35,770	23,230	478	.149	.053	.134	.251	.072	.340
1971	Apr.	42,980	20,900	358	.166	.055	.113	.277	.062	.327
1971	May	86,030	28,790	246	.189	.057	.088	.320	.049	.296
1971	June	135,200	37,120	202	.202	.057	.077	.344	.043	.276
1971	July	47,230	18,950	295	.177	.055	.099	.295	.055	.318
1971	Aug.	20,190	12,130	442	.153	.053	.124	.250	.069	.351
1971	Sept.	29,200	16,370	412	.158	.054	.120	.261	.066	.340
1971	Oct.	27,670	16,160	430	.154	.053	.126	.250	.073	.344
1971	Nov.	28,630	17,960	461	.148	.052	.135	.242	.080	.343
1971	Dec.	24,340	16,340	494	.145	.051	.138	.234	.082	.349
1972	Jan.	24,320	17,310	523	.140	.050	.145	.227	.088	.349
1972	Feb.	22,160	14,700	488	.146	.052	.136	.235	.081	.350
1972	Mar.	26,130	16,880	475	.147	.052	.135	.239	.080	.347
1972	Apr.	30,230	16,010	389	.160	.054	.119	.260	.068	.340
1972	May	71,690	26,160	268	.179	.056	.097	.308	.052	.307
1972	June	108,100	35,270	240	.183	.056	.095	.325	.051	.291
1972	July	22,360	13,490	444	.153	.053	.127	.244	.073	.350
1972	Aug.	15,610	11,590	546	.141	.051	.141	.220	.085	.362
1972	Sept.	21,530	14,740	503	.144	.051	.139	.231	.083	.352
1972	Oct.	29,590	18,680	464	.147	.053	.137	.240	.080	.343
1972	Nov.	25,790	17,300	493	.143	.052	.142	.233	.083	.346
1972	Dec.	25,420	18,300	529	.138	.051	.149	.224	.087	.351
1973	Jan.	26,760	18,790	516	.140	.051	.146	.227	.086	.349
1973	Feb.	21,300	16,420	567	.134	.050	.154	.216	.091	.354
1973	Mar.	32,830	24,420	547	.132	.049	.158	.220	.090	.351
1973	Apr.	28,140	25,030	654	.120	.047	.175	.199	.099	.360
1973	May	128,600	52,160	298	.157	.051	.121	.297	.063	.311
1973	June	136,900	52,700	283	.161	.052	.115	.306	.059	.306
1973	July	56,090	36,940	484	.132	.048	.159	.232	.086	.344
1973	Aug.	28,080	22,790	597	.128	.049	.164	.210	.094	.356

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 50. 09306500 White River near Watson, Utah, water years 1951 through 1983--Continued										
1973	Sept.	25,950	20,310	576	0.131	0.049	0.159	0.214	0.092	0.355
1973	Oct.	29,320	20,800	522	.137	.053	.150	.231	.080	.350
1973	Nov.	26,980	19,620	535	.136	.052	.151	.228	.081	.351
1973	Dec.	24,970	19,010	560	.134	.052	.154	.223	.083	.354
1974	Jan.	24,490	19,980	600	.127	.050	.163	.211	.088	.360
1974	Feb.	18,600	14,740	583	.134	.052	.154	.220	.085	.354
1974	Mar.	42,240	32,680	569	.120	.049	.171	.210	.086	.365
1974	Apr.	43,770	30,670	515	.128	.051	.160	.224	.081	.357
1974	May	127,600	46,710	269	.158	.057	.116	.308	.053	.308
1974	June	99,470	39,790	294	.156	.056	.120	.298	.056	.314
1974	July	36,530	22,880	460	.141	.053	.144	.244	.075	.343
1974	Aug.	22,930	17,280	554	.136	.053	.151	.225	.083	.352
1974	Sept.	18,530	15,140	601	.133	.052	.156	.216	.087	.356
1974	Oct.	26,950	18,050	492	.142	.055	.141	.238	.073	.351
1974	Nov.	25,250	18,110	527	.137	.054	.146	.229	.074	.360
1974	Dec.	18,670	15,150	597	.132	.053	.152	.217	.080	.366
1975	Jan.	20,810	15,970	564	.135	.054	.148	.224	.078	.361
1975	Feb.	21,090	15,970	557	.134	.054	.149	.224	.076	.364
1975	Mar.	32,110	24,460	560	.128	.052	.154	.217	.071	.378
1975	Apr.	28,960	22,530	572	.127	.052	.155	.215	.072	.378
1975	May	75,960	29,610	287	.162	.056	.118	.289	.056	.319
1975	June	158,900	44,610	206	.178	.057	.099	.331	.044	.291
1975	July	93,700	31,210	245	.173	.057	.107	.311	.052	.300
1975	Aug.	30,580	19,530	470	.143	.055	.139	.242	.071	.350
1975	Sept.	25,830	17,870	509	.139	.054	.143	.234	.073	.356
1975	Oct.	27,790	17,880	473	.142	.054	.138	.239	.073	.354
1975	Nov.	24,980	15,600	459	.145	.054	.136	.241	.073	.350
1975	Dec.	18,210	10,240	414	.155	.054	.129	.249	.079	.334
1976	Jan.	16,420	9,457	423	.155	.054	.130	.247	.080	.334
1976	Feb.	25,750	15,540	444	.146	.054	.135	.244	.072	.348
1976	Mar.	33,610	23,650	518	.134	.055	.144	.231	.070	.367
1976	Apr.	30,960	22,480	534	.132	.054	.145	.228	.071	.369
1976	May	87,190	31,660	267	.173	.056	.111	.298	.055	.307
1976	June	71,610	24,410	251	.178	.055	.109	.300	.057	.301
1976	July	22,380	15,790	519	.137	.054	.143	.229	.076	.361
1976	Aug.	20,670	15,730	560	.132	.054	.147	.222	.077	.368
1976	Sept.	17,170	12,860	550	.134	.053	.146	.222	.080	.364
1976	Oct.	23,630	14,270	444	.150	.054	.132	.239	.076	.349
1976	Nov.	20,450	13,730	494	.142	.054	.137	.229	.078	.360
1976	Dec.	17,970	12,500	512	.140	.054	.139	.225	.080	.362

1977 Jan.	19,710	13,510	504	.141	.054	.138	.227	.079	.362
1977 Feb.	19,430	13,640	516	.139	.054	.138	.226	.077	.365
1977 Mar.	24,330	15,530	479	.145	.054	.134	.235	.075	.356
1977 Apr.	24,510	15,660	490	.145	.054	.134	.235	.075	.357
1977 May	23,630	14,580	454	.147	.054	.133	.236	.076	.353
1977 June	15,670	11,040	518	.138	.053	.140	.222	.081	.365
1977 July	8,565	8,550	734	.116	.052	.157	.189	.091	.396
1977 Aug.	12,690	10,760	624	.127	.053	.149	.205	.085	.382
1977 Sept.	12,580	10,790	631	.127	.053	.149	.205	.085	.381
1977 Oct.	16,540	13,100	582	.133	.050	.144	.203	.083	.387
1977 Nov.	18,490	13,550	539	.138	.051	.140	.211	.080	.380
1977 Dec.	17,040	12,340	532	.139	.051	.138	.213	.082	.375
1978 Jan.	18,430	13,120	524	.140	.052	.139	.215	.081	.374
1978 Feb.	17,010	12,140	525	.140	.052	.139	.215	.080	.375
1978 Mar.	28,090	19,840	519	.139	.051	.140	.213	.072	.386
1978 Apr.	35,930	21,560	441	.150	.053	.131	.232	.066	.368
1978 May	93,080	38,510	304	.173	.055	.115	.272	.049	.336
1978 June	174,600	56,580	238	.189	.056	.104	.299	.039	.313
1978 July	66,180	30,150	335	.167	.055	.120	.261	.055	.344
1978 Aug.	23,440	15,920	499	.140	.051	.139	.215	.074	.381
1978 Sept.	23,500	17,970	562	.134	.050	.143	.204	.073	.396
1978 Oct.	23,470	14,180	444	.152	.055	.126	.233	.076	.359
1978 Nov.	23,790	14,300	442	.152	.055	.126	.232	.074	.359
1978 Dec.	23,130	14,100	448	.151	.055	.126	.232	.076	.360
1979 Jan.	18,920	12,680	493	.145	.054	.131	.220	.082	.368
1979 Feb.	15,810	11,680	543	.138	.054	.136	.211	.084	.377
1979 Mar.	31,380	18,320	429	.149	.056	.127	.240	.068	.360
1979 Apr.	43,830	24,230	406	.151	.058	.125	.252	.059	.356
1979 May	116,400	39,830	252	.177	.060	.102	.315	.039	.307
1979 June	149,700	47,920	235	.180	.060	.099	.325	.036	.300
1979 July	59,980	26,670	327	.165	.058	.114	.278	.052	.333
1979 Aug.	28,630	19,090	490	.141	.056	.133	.227	.070	.372
1979 Sept.	18,810	12,920	505	.143	.055	.132	.219	.081	.371
1979 Oct.	24,480	16,210	487	.142	.055	.133	.222	.075	.374
1979 Nov.	25,300	15,750	458	.146	.055	.129	.228	.073	.369
1979 Dec.	21,870	14,290	480	.144	.054	.131	.220	.078	.373
1980 Jan.	21,320	16,490	569	.132	.054	.140	.208	.079	.387
1980 Feb.	34,510	24,850	529	.132	.057	.141	.226	.064	.380
1980 Mar.	31,160	24,380	575	.129	.057	.144	.216	.068	.386
1980 Apr.	36,760	26,010	520	.134	.057	.140	.227	.064	.378
1980 May	114,200	49,820	321	.159	.062	.118	.290	.041	.331
1980 June	130,700	44,110	248	.176	.061	.104	.315	.037	.307
1980 July	41,090	21,180	379	.156	.057	.122	.253	.061	.351
1980 Aug.	22,330	14,670	483	.143	.055	.132	.221	.076	.373
1980 Sept.	22,840	14,490	466	.145	.055	.130	.224	.076	.371
1980 Oct.	24,740	15,180	451	.150	.056	.124	.232	.066	.371
1980 Nov.	23,970	14,000	430	.155	.056	.120	.237	.065	.367
1980 Dec.	23,910	13,010	400	.162	.057	.115	.243	.063	.360
1981 Jan.	23,540	13,670	427	.156	.056	.120	.236	.065	.366
1981 Feb.	21,460	11,680	400	.162	.057	.115	.243	.063	.360
1981 Mar.	22,290	14,390	475	.147	.055	.127	.224	.070	.377
1981 Apr.	35,770	19,020	391	.158	.057	.119	.252	.057	.356
1981 May	49,060	19,240	288	.184	.059	.099	.294	.044	.320
1981 June	55,810	18,970	250	.194	.060	.091	.313	.039	.304

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 50. 09306500 White River near Watson, Utah, water years 1951 through 1983--Continued											
1981	July	23,040	13,570	433	0.154	0.056	0.122	0.233	0.067	0.369	
1981	Aug.	14,580	10,760	543	.138	.054	.132	.203	.082	.390	
1981	Sept.	19,020	11,560	447	.153	.056	.121	.227	.070	.372	
1981	Oct.	34,140	20,000	431	.150	.058	.120	.249	.051	.372	
1981	Nov.	24,150	14,850	452	.151	.056	.122	.238	.060	.374	
1981	Dec.	22,280	11,790	389	.169	.055	.110	.252	.062	.351	
1982	Jan.	21,600	13,110	446	.154	.055	.120	.238	.063	.370	
1982	Feb.	32,310	18,910	430	.150	.058	.120	.248	.051	.372	
1982	Mar.	33,230	20,550	455	.145	.058	.124	.241	.054	.379	
1982	Apr.	33,420	20,350	448	.146	.058	.123	.242	.053	.377	
1982	May	98,980	34,030	253	.192	.061	.088	.323	.030	.304	
1982	June	125,900	37,050	216	.206	.062	.079	.345	.026	.282	
1982	July	72,340	28,090	286	.183	.061	.095	.305	.036	.320	
1982	Aug.	37,750	19,400	378	.164	.058	.111	.264	.049	.354	
1982	Sept.	37,070	19,660	390	.160	.058	.113	.261	.049	.359	
1982	Oct.	35,090	18,240	382	.161	.058	.110	.269	.045	.358	
1982	Nov.	31,930	20,820	480	.142	.058	.121	.243	.046	.389	
1982	Dec.	22,460	16,180	530	.137	.055	.126	.228	.053	.400	
1983	Jan.	23,980	17,010	522	.138	.056	.126	.231	.052	.398	
1983	Feb.	24,890	16,940	500	.140	.057	.124	.236	.049	.394	
1983	Mar.	44,900	26,580	435	.147	.059	.117	.257	.041	.379	
1983	Apr.	36,560	22,810	459	.144	.058	.119	.249	.044	.385	
1983	May	122,900	75,140	450	.132	.065	.122	.258	.026	.397	
1983	June	254,400	100,700	291	.162	.069	.097	.321	.020	.332	
1983	July	128,500	49,270	282	.172	.064	.095	.317	.027	.324	
1983	Aug.	56,310	31,940	417	.149	.061	.115	.264	.037	.374	
1983	Sept.	33,220	22,870	506	.137	.058	.125	.237	.045	.399	
Site 51. 09306850 Bitter Creek at mouth near Bonanza, Utah, water years 1975 through 1983.											
1974	Oct.	35	6,851	14,500	.020	.042	.243	.028	.014	.654	
1974	Nov.	39	7,131	13,500	.021	.043	.239	.028	.014	.654	
1974	Dec.	30	6,431	15,700	.019	.040	.246	.027	.014	.653	
1975	Jan.	36	6,951	14,400	.021	.042	.242	.028	.014	.654	
1975	Feb.	42	7,171	12,500	.023	.044	.235	.029	.014	.655	
1975	Mar.	51	8,251	12,000	.023	.045	.233	.030	.014	.655	
1975	Apr.	85	968	8,400	.029	.051	.220	.033	.014	.653	
1975	May	99	1,035	7,730	.030	.053	.216	.034	.014	.653	

1975	June	149	1,328	6,540	.034	.057	.205	.037	.014	.653
1975	July	51	7,031	10,200	.025	.046	.234	.030	.014	.651
1975	Aug.	37	7,071	14,200	.021	.042	.241	.028	.014	.654
1975	Sept.	35	6,791	14,300	.021	.042	.242	.028	.014	.654
1975	Oct.	36	7,031	14,200	.021	.042	.242	.028	.014	.654
1975	Nov.	38	7,071	13,700	.021	.043	.240	.028	.014	.654
1975	Dec.	36	7,011	14,300	.021	.042	.242	.028	.014	.654
1976	Jan.	35	6,921	14,500	.020	.042	.243	.028	.014	.654
1976	Feb.	131	1,151	6,440	.034	.057	.207	.037	.014	.651
1976	Mar.	53	8,131	11,400	.024	.046	.232	.030	.014	.654
1976	Apr.	72	917	9,330	.027	.049	.223	.032	.014	.654
1976	May	177	1,506	6,240	.035	.059	.202	.038	.014	.653
1976	June	139	1,317	6,950	.033	.056	.207	.036	.014	.654
1976	July	34	6,671	14,400	.020	.041	.243	.027	.014	.653
1976	Aug.	19	5,062	20,000	.016	.036	.259	.024	.014	.650
1976	Sept.	26	5,861	16,400	.019	.039	.249	.026	.014	.653
1976	Oct.	37	8,111	16,200	.018	.042	.239	.022	.015	.663
1976	Nov.	37	7,121	14,100	.019	.041	.242	.024	.016	.659
1976	Dec.	41	7,351	13,300	.019	.042	.241	.024	.016	.658
1977	Jan.	46	7,721	12,400	.020	.042	.239	.025	.016	.658
1977	Feb.	36	6,571	13,600	.019	.041	.242	.024	.016	.658
1977	Mar.	37	7,111	14,000	.018	.041	.243	.024	.016	.658
1977	Apr.	38	7,131	14,000	.019	.041	.242	.024	.016	.659
1977	May	38	7,441	14,300	.018	.041	.241	.023	.016	.654
1977	June	30	5,751	14,100	.017	.039	.250	.024	.016	.654
1977	July	42	6,341	11,000	.019	.041	.246	.026	.016	.653
1977	Aug.	58	704	8,980	.021	.043	.239	.027	.016	.654
1977	Sept.	35	6,871	14,600	.018	.041	.243	.023	.016	.659
1977	Oct.	40	7,791	14,400	.013	.040	.248	.023	.013	.663
1977	Nov.	34	7,041	15,200	.013	.040	.250	.023	.015	.660
1977	Dec.	33	7,331	16,300	.013	.040	.249	.022	.015	.660
1978	Jan.	34	7,351	15,700	.013	.040	.249	.022	.015	.660
1978	Feb.	31	6,641	15,700	.013	.040	.249	.022	.015	.660
1978	Mar.	47	7,511	11,600	.013	.039	.249	.026	.013	.660
1978	Apr.	36	7,161	14,800	.013	.040	.249	.023	.014	.661
1978	May	37	7,361	14,700	.013	.040	.250	.023	.014	.660
1978	June	32	6,731	15,600	.013	.040	.251	.022	.016	.658
1978	July	32	7,211	16,800	.013	.040	.250	.022	.016	.660
1978	Aug.	34	7,231	15,800	.013	.040	.250	.022	.015	.660
1978	Sept.	30	7,051	17,500	.012	.040	.249	.021	.016	.660
1978	Oct.	28	5,971	15,600	.011	.040	.252	.023	.016	.658
1978	Nov.	25	5,471	16,200	.010	.039	.253	.024	.016	.657
1978	Dec.	30	6,241	15,200	.011	.040	.252	.023	.015	.659
1979	Jan.	31	6,371	15,000	.011	.040	.252	.023	.015	.659
1979	Feb.	32	6,151	14,300	.011	.040	.251	.023	.015	.660
1979	Mar.	152	1,404	6,770	.019	.045	.236	.019	.011	.671
1979	Apr.	69	9,381	10,000	.015	.042	.244	.021	.013	.666
1979	May	39	7,261	13,700	.012	.041	.250	.022	.014	.661
1979	June	28	5,901	15,400	.011	.040	.252	.023	.015	.659
1979	July	26	5,681	16,100	.010	.039	.253	.024	.016	.658
1979	Aug.	43	6,821	11,500	.013	.041	.248	.022	.014	.661
1979	Sept.	25	5,521	16,100	.010	.039	.253	.024	.016	.658
1979	Oct.	29	5,611	14,100	.012	.039	.251	.029	.015	.653
1979	Nov.	31	5,811	13,600	.013	.040	.249	.029	.015	.654

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 51. 09306850 Bitter Creek at mouth near Bonanza, Utah, water years 1975 through 1983--Continued										
1979	Dec.	33	6,041	13,500	0.013	0.040	0.249	0.029	0.015	0.654
1980	Jan.	33	6,041	13,500	.013	.040	.249	.029	.015	.654
1980	Feb.	335	1,583	3,480	.060	.073	.179	.024	.010	.653
1980	Mar.	37	6,511	12,900	.014	.041	.246	.029	.015	.656
1980	Apr.	32	5,871	13,500	.013	.040	.248	.029	.015	.655
1980	May	65	855	9,650	.019	.047	.231	.028	.014	.661
1980	June	203	1,862	6,740	.029	.058	.205	.026	.012	.671
1980	July	107	1,175	8,110	.023	.052	.219	.027	.013	.666
1980	Aug.	149	1,218	6,010	.033	.058	.207	.026	.012	.663
1980	Sept.	145	1,406	7,130	.027	.055	.211	.027	.012	.668
1980	Oct.	200	2,203	8,100	.036	.064	.194	.023	.015	.668
1980	Nov.	157	1,737	8,110	.036	.064	.195	.024	.016	.666
1980	Dec.	36	6,311	13,000	.021	.043	.237	.028	.018	.652
1981	Jan.	36	6,341	12,900	.021	.043	.237	.028	.018	.652
1981	Feb.	74	985	9,800	.029	.054	.213	.026	.017	.662
1981	Mar.	174	2,004	8,480	.034	.062	.197	.024	.016	.667
1981	Apr.	227	2,430	7,870	.037	.066	.190	.023	.015	.669
1981	May	253	2,654	7,700	.038	.067	.189	.023	.015	.669
1981	June	84	1,073	9,400	.030	.056	.210	.025	.016	.662
1981	July	54	8,061	11,000	.025	.049	.224	.027	.017	.657
1981	Aug.	30	5,341	13,200	.021	.042	.241	.029	.018	.649
1981	Sept.	73	833	8,370	.034	.061	.206	.025	.016	.657
1981	Oct.	176	1,376	5,740	.045	.068	.181	.040	.014	.651
1981	Nov.	79	998	9,250	.030	.053	.207	.034	.016	.660
1981	Dec.	36	6,391	13,000	.022	.043	.234	.029	.017	.654
1982	Jan.	33	6,081	13,400	.021	.042	.236	.029	.018	.654
1982	Feb.	264	1,647	4,580	.055	.078	.164	.044	.013	.646
1982	Mar.	161	1,347	6,160	.043	.066	.185	.039	.014	.653
1982	Apr.	72	947	9,720	.028	.052	.211	.034	.016	.659
1982	May	62	8,761	10,400	.027	.050	.216	.033	.016	.658
1982	June	37	6,441	12,600	.022	.044	.232	.030	.017	.655
1982	July	33	6,091	13,400	.021	.042	.236	.029	.018	.654
1982	Aug.	348	2,020	4,270	.059	.080	.160	.045	.013	.643
1982	Sept.	396	1,624	3,010	.077	.090	.153	.047	.012	.620
1982	Oct.	38	6,421	12,500	.022	.044	.232	.030	.017	.654
1982	Nov.	32	5,901	13,400	.021	.042	.236	.029	.018	.654
1982	Dec.	32	5,891	13,700	.020	.042	.238	.029	.018	.653
1983	Jan.	31	5,821	13,800	.020	.041	.239	.029	.018	.653
1983	Feb.	56	730	9,560	.029	.051	.216	.033	.016	.656
1983	Mar.	229	1,893	6,080	.044	.068	.176	.041	.014	.657

1983 Apr.	247	1,983	5,910	.045	.069	.174	.041	.014	.657
1983 May	478	2,890	4,450	.057	.081	.156	.045	.013	.649
1983 June	2,158	7,078	2,410	.095	.110	.116	.056	.010	.613
1983 July	648	3,559	4,040	.062	.085	.147	.047	.012	.645
1983 Aug.	897	4,206	3,450	.071	.092	.138	.050	.011	.637
1983 Sept.	474	2,928	4,540	.056	.080	.155	.045	.013	.650

Site 52. 09306900 White River at mouth near Ouray, Utah, water years 1974 through 1983.

1974 Mar.	5,703	3,613	466	.136	.053	.144	.251	.066	.351
1974 Apr.	47,430	26,030	404	.143	.054	.137	.267	.060	.340
1974 May	134,700	48,010	262	.166	.055	.114	.319	.044	.302
1974 June	105,700	41,290	287	.161	.055	.118	.308	.047	.310
1974 July	34,360	21,820	467	.135	.053	.145	.249	.067	.351
1974 Aug.	20,500	16,270	583	.123	.051	.157	.224	.077	.367
1974 Sept.	16,860	14,260	622	.120	.051	.160	.217	.080	.372
1974 Oct.	27,490	19,370	518	.130	.052	.150	.238	.071	.359
1974 Nov.	26,030	18,520	523	.129	.052	.150	.237	.071	.359
1974 Dec.	19,440	15,730	595	.122	.051	.158	.222	.078	.369
1975 Jan.	21,420	16,750	575	.124	.051	.156	.226	.076	.366
1975 Feb.	21,640	16,160	549	.127	.052	.153	.232	.074	.363
1975 Mar.	34,120	21,920	472	.135	.053	.145	.249	.067	.352
1975 Apr.	30,850	20,350	485	.133	.053	.147	.246	.068	.354
1975 May	77,690	33,940	321	.154	.054	.126	.292	.052	.322
1975 June	162,800	53,060	240	.170	.055	.109	.330	.041	.294
1975 July	94,480	38,300	298	.158	.055	.121	.302	.049	.315
1975 Aug.	29,600	20,160	501	.132	.052	.148	.242	.069	.356
1975 Sept.	24,510	17,810	534	.128	.052	.152	.234	.072	.361
1975 Oct.	28,220	19,440	506	.133	.052	.148	.240	.070	.358
1975 Nov.	26,770	18,510	509	.132	.052	.149	.239	.071	.358
1975 Dec.	18,940	14,700	571	.125	.051	.156	.225	.075	.368
1976 Jan.	16,880	13,640	594	.123	.050	.158	.221	.077	.371
1976 Feb.	27,460	18,550	497	.133	.052	.147	.242	.070	.356
1976 Mar.	37,670	23,470	458	.138	.052	.143	.251	.066	.349
1976 Apr.	32,210	21,020	480	.136	.052	.145	.246	.068	.353
1976 May	92,290	43,160	344	.156	.054	.126	.286	.056	.322
1976 June	76,620	37,510	360	.153	.054	.129	.280	.057	.327
1976 July	20,630	15,490	552	.127	.051	.154	.229	.074	.365
1976 Aug.	20,060	15,310	561	.126	.051	.155	.227	.075	.366
1976 Sept.	17,190	13,630	583	.124	.051	.157	.223	.076	.370
1976 Oct.	23,860	16,500	509	.136	.051	.144	.236	.075	.359
1976 Nov.	20,720	16,720	593	.126	.049	.155	.218	.077	.375
1976 Dec.	18,130	16,270	660	.120	.049	.161	.208	.079	.384
1977 Jan.	19,760	14,960	557	.129	.050	.151	.226	.076	.367
1977 Feb.	19,230	14,240	545	.131	.050	.150	.229	.076	.365
1977 Mar.	25,410	17,790	515	.135	.050	.146	.235	.074	.360
1977 Apr.	25,310	15,610	454	.142	.051	.139	.247	.073	.348
1977 May	25,140	17,180	503	.136	.050	.145	.237	.074	.358
1977 June	15,820	10,810	503	.133	.051	.148	.232	.076	.360
1977 July	7,568	8,026	780	.106	.049	.175	.186	.084	.399
1977 Aug.	11,580	11,230	713	.113	.049	.167	.197	.082	.391
1977 Sept.	12,730	10,410	602	.122	.051	.156	.216	.080	.374
1977 Oct.	16,440	13,170	589	.125	.050	.152	.221	.077	.374

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 52. 09306900 White River at mouth near Ouray, Utah, water years 1974 through 1983--Continued										
1977	Nov.	19,450	14,720	557	0.129	0.050	0.148	0.230	0.075	0.368
1977	Dec.	17,810	13,950	576	.127	.050	.150	.225	.076	.372
1978	Jan.	19,500	14,940	563	.129	.050	.149	.228	.075	.369
1978	Feb.	17,610	13,490	563	.129	.050	.149	.228	.075	.369
1978	Mar.	32,480	21,240	481	.140	.049	.138	.252	.068	.352
1978	Apr.	37,580	23,460	459	.144	.049	.134	.260	.066	.347
1978	May	92,910	44,190	350	.165	.048	.115	.303	.055	.315
1978	June	170,400	67,910	293	.179	.046	.103	.333	.047	.292
1978	July	66,920	34,600	380	.158	.048	.121	.288	.058	.326
1978	Aug.	21,140	13,050	454	.139	.051	.138	.249	.073	.350
1978	Sept.	23,400	14,750	464	.139	.050	.138	.249	.071	.351
1978	Oct.	24,840	11,780	349	.162	.052	.124	.253	.075	.332
1978	Nov.	24,440	16,490	496	.136	.052	.140	.239	.072	.361
1978	Dec.	25,620	18,500	531	.132	.051	.143	.237	.071	.365
1979	Jan.	20,430	15,860	571	.128	.052	.147	.223	.076	.373
1979	Feb.	16,840	13,450	588	.127	.052	.149	.218	.079	.376
1979	Mar.	49,660	36,470	540	.124	.049	.139	.289	.050	.349
1979	Apr.	47,190	42,360	660	.115	.049	.151	.259	.054	.372
1979	May	116,400	55,520	351	.147	.048	.118	.338	.042	.308
1979	June	151,900	62,540	303	.157	.047	.107	.364	.037	.288
1979	July	63,440	33,750	391	.146	.050	.125	.302	.052	.326
1979	Aug.	27,470	19,390	519	.133	.051	.142	.242	.069	.362
1979	Sept.	18,090	14,400	585	.127	.052	.149	.218	.079	.376
1979	Oct.	24,900	18,100	535	.131	.051	.143	.232	.070	.373
1979	Nov.	24,070	18,820	575	.127	.051	.147	.225	.070	.380
1979	Dec.	22,080	18,460	615	.123	.050	.151	.213	.073	.389
1980	Jan.	21,740	16,840	570	.128	.051	.147	.219	.074	.381
1980	Feb.	57,800	39,360	501	.124	.052	.135	.289	.048	.352
1980	Mar.	37,930	25,840	501	.131	.052	.139	.257	.059	.362
1980	Apr.	36,320	27,240	552	.124	.051	.145	.244	.061	.375
1980	May	112,200	64,860	425	.129	.053	.124	.328	.038	.327
1980	June	124,100	53,250	316	.144	.053	.108	.371	.034	.290
1980	July	39,640	23,740	440	.137	.053	.132	.276	.057	.345
1980	Aug.	21,780	18,540	626	.122	.050	.151	.215	.072	.389
1980	Sept.	23,920	18,200	559	.128	.051	.146	.227	.070	.378
1980	Oct.	27,910	22,590	595	.123	.052	.152	.220	.061	.392
1980	Nov.	25,440	20,290	586	.126	.052	.151	.219	.062	.390
1980	Dec.	24,790	14,810	439	.145	.054	.136	.245	.060	.360
1981	Jan.	23,510	19,160	599	.125	.052	.152	.214	.065	.392
1981	Feb.	20,900	16,330	574	.129	.052	.149	.219	.064	.387

1981 Mar.	22,360	18,370	604	.125	.052	.153	.212	.066	.393
1981 Apr.	33,960	24,080	521	.129	.053	.145	.237	.057	.379
1981 May	44,420	24,210	401	.145	.055	.129	.275	.050	.347
1981 June	53,200	22,680	314	.156	.056	.115	.310	.045	.318
1981 July	20,280	15,310	555	.132	.053	.147	.219	.066	.383
1981 Aug.	11,820	9,729	605	.132	.052	.151	.199	.077	.390
1981 Sept.	17,600	14,220	594	.129	.052	.151	.209	.069	.390
1981 Oct.	48,120	37,860	579	.120	.058	.150	.211	.039	.422
1981 Nov.	24,830	17,550	520	.133	.054	.142	.224	.054	.392
1981 Dec.	22,270	17,670	583	.126	.054	.150	.210	.056	.404
1982 Jan.	21,640	17,690	601	.124	.054	.152	.207	.057	.407
1982 Feb.	33,140	24,240	538	.128	.056	.145	.220	.046	.405
1982 Mar.	37,090	25,240	501	.133	.055	.140	.229	.047	.396
1982 Apr.	32,530	22,580	510	.132	.055	.142	.226	.049	.396
1982 May	96,750	37,800	287	.164	.055	.106	.300	.033	.341
1982 June	118,100	36,370	227	.179	.054	.092	.334	.030	.311
1982 July	68,930	25,170	269	.171	.053	.103	.308	.038	.327
1982 Aug.	38,330	22,400	430	.143	.054	.131	.247	.047	.378
1982 Sept.	41,260	25,910	462	.138	.056	.135	.239	.044	.388
1982 Oct.	34,650	21,600	458	.143	.055	.129	.250	.040	.383
1982 Nov.	32,330	18,510	421	.152	.053	.122	.262	.041	.369
1982 Dec.	23,470	15,960	500	.140	.053	.134	.243	.044	.386
1983 Jan.	23,840	18,040	556	.131	.054	.141	.230	.043	.401
1983 Feb.	24,440	18,190	547	.131	.055	.140	.231	.042	.402
1983 Mar.	51,360	38,960	558	.120	.060	.144	.218	.034	.424
1983 Apr.	37,030	30,990	615	.116	.059	.150	.211	.036	.428
1983 May	122,600	86,510	519	.115	.067	.140	.215	.026	.437
1983 June	257,200	108,800	311	.150	.066	.108	.273	.023	.380
1983 July	144,800	63,560	323	.153	.061	.111	.274	.028	.373
1983 Aug.	59,720	37,840	466	.134	.059	.131	.240	.034	.402
1983 Sept.	31,740	22,640	525	.131	.056	.139	.232	.039	.402

Site 53. 09314500 Price River at Woodside, Utah, water years 1949 through 1983.

1948 Oct.	1,956	10,440	3,920	.059	.057	.180	.040	.021	.643
1948 Nov.	1,619	10,020	4,550	.054	.058	.183	.036	.021	.649
1948 Dec.	1,751	10,710	4,500	.055	.058	.182	.036	.021	.648
1949 Jan.	1,734	10,640	4,510	.055	.058	.182	.036	.021	.649
1949 Feb.	2,596	13,180	3,730	.062	.056	.177	.042	.022	.641
1949 Mar.	10,010	33,980	2,500	.083	.052	.164	.058	.024	.620
1949 Apr.	13,430	40,970	2,240	.089	.050	.160	.063	.024	.613
1949 May	13,110	40,910	2,300	.088	.051	.161	.062	.024	.614
1949 June	14,660	41,640	2,090	.093	.050	.159	.066	.024	.608
1949 July	13,020	34,630	1,960	.095	.050	.158	.068	.024	.605
1949 Aug.	4,709	20,330	3,170	.070	.054	.172	.048	.022	.634
1949 Sept.	5,512	19,650	2,620	.078	.053	.168	.054	.023	.624
1949 Oct.	5,847	23,020	2,890	.074	.053	.169	.051	.023	.629
1949 Nov.	2,854	14,720	3,790	.062	.056	.177	.042	.022	.642
1949 Dec.	2,188	12,250	4,120	.058	.057	.180	.039	.021	.645
1950 Jan.	1,722	10,600	4,530	.054	.058	.167	.036	.021	.649
1950 Feb.	5,742	20,610	2,640	.079	.053	.167	.055	.023	.624
1950 Mar.	6,292	25,140	2,940	.074	.053	.169	.051	.023	.629
1950 Apr.	13,260	41,020	2,270	.089	.050	.161	.062	.024	.614

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 53. 09314500 Price River at Woodside, Utah, water years 1949 through 1983--Continued										
1950	May	8,124	29,770	2,690	0.079	0.052	0.166	0.055	0.023	0.624
1950	June	4,265	19,170	3,300	.068	.055	.173	.046	.022	.635
1950	July	10,100	30,860	2,250	.087	.051	.162	.062	.024	.614
1950	Aug.	3,211	16,020	3,670	.063	.056	.176	.043	.022	.640
1950	Sept.	4,132	18,420	3,280	.068	.055	.173	.047	.022	.635
1950	Oct.	3,009	17,430	4,260	.060	.055	.180	.041	.021	.643
1950	Nov.	3,053	17,040	4,110	.060	.055	.179	.042	.021	.642
1950	Dec.	2,961	17,350	4,310	.059	.055	.180	.041	.021	.644
1951	Jan.	2,063	14,310	5,100	.054	.054	.184	.036	.021	.652
1951	Feb.	2,886	16,080	4,100	.061	.055	.179	.042	.021	.642
1951	Mar.	5,024	22,780	3,330	.067	.056	.174	.050	.022	.631
1951	Apr.	3,037	16,880	4,090	.060	.055	.179	.042	.021	.642
1951	May	5,175	22,600	3,210	.068	.056	.173	.051	.022	.629
1951	June	5,974	24,400	3,000	.071	.057	.171	.054	.022	.625
1951	July	4,306	20,280	3,460	.065	.056	.176	.048	.021	.634
1951	Aug.	19,340	36,480	1,390	.094	.058	.155	.091	.022	.580
1951	Sept.	3,253	17,880	4,040	.061	.055	.179	.043	.021	.641
1951	Oct.	5,572	21,540	2,840	.070	.057	.171	.054	.022	.627
1951	Nov.	3,120	17,130	4,040	.060	.056	.178	.043	.021	.642
1951	Dec.	1,849	12,940	5,150	.052	.055	.184	.035	.021	.653
1952	Jan.	1,914	13,350	5,130	.053	.055	.184	.035	.021	.652
1952	Feb.	2,767	15,930	4,230	.059	.056	.179	.041	.021	.644
1952	Mar.	9,346	29,450	2,320	.078	.058	.165	.064	.022	.613
1952	Apr.	38,420	65,070	1,250	.107	.059	.145	.101	.023	.565
1952	May	108,400	124,000	842	.129	.059	.130	.134	.023	.524
1952	June	52,860	79,660	1,110	.114	.059	.141	.111	.023	.553
1952	July	8,938	30,820	2,540	.076	.058	.166	.061	.022	.617
1952	Aug.	9,265	30,080	2,390	.078	.058	.165	.063	.022	.614
1952	Sept.	5,349	23,110	3,180	.068	.057	.172	.051	.022	.630
1952	Oct.	4,649	21,720	3,430	.065	.057	.174	.048	.021	.634
1952	Nov.	4,227	20,280	3,530	.064	.057	.175	.047	.021	.635
1952	Dec.	3,642	18,960	3,830	.062	.057	.177	.044	.021	.640
1953	Jan.	3,443	18,370	3,920	.061	.057	.177	.043	.021	.641
1953	Feb.	3,511	17,740	3,720	.063	.057	.176	.045	.021	.638
1953	Mar.	5,244	23,230	3,260	.067	.058	.173	.050	.022	.631
1953	Apr.	4,153	19,900	3,520	.064	.057	.175	.047	.021	.636
1953	May	4,639	21,610	3,430	.065	.057	.174	.048	.021	.634
1953	June	5,068	22,430	3,250	.067	.058	.173	.050	.021	.631
1953	July	6,212	24,080	2,850	.070	.058	.170	.055	.022	.625
1953	Aug.	10,800	31,150	2,120	.080	.059	.164	.067	.022	.609

1953	Sept.	3,275	17,510	3,930	.061	.057	.177	.043	.021	.641
1953	Oct.	5,373	23,640	3,240	.068	.055	.172	.046	.021	.638
1953	Nov.	3,767	17,940	3,500	.066	.056	.173	.045	.021	.638
1953	Dec.	2,257	11,950	3,890	.062	.058	.175	.043	.022	.639
1954	Jan.	2,499	12,960	3,810	.063	.057	.175	.043	.022	.639
1954	Feb.	4,358	19,860	3,350	.067	.056	.173	.046	.021	.638
1954	Mar.	4,721	21,460	3,340	.067	.056	.173	.046	.021	.638
1954	Apr.	3,566	16,950	3,490	.066	.056	.173	.045	.021	.638
1954	May	3,826	18,180	3,490	.066	.056	.173	.045	.021	.638
1954	June	3,148	15,380	3,590	.065	.057	.174	.044	.022	.639
1954	July	3,933	17,500	3,270	.068	.056	.172	.046	.021	.637
1954	Aug.	3,094	13,730	3,260	.067	.056	.173	.046	.021	.637
1954	Sept.	11,890	39,700	2,460	.078	.052	.167	.052	.019	.633
1954	Oct.	8,212	31,510	2,820	.074	.052	.171	.053	.020	.629
1954	Nov.	2,892	14,510	3,690	.064	.055	.175	.043	.021	.641
1954	Dec.	1,488	8,595	4,250	.060	.057	.177	.038	.022	.646
1955	Jan.	1,230	7,374	4,410	.058	.057	.178	.037	.022	.647
1955	Feb.	1,279	7,462	4,290	.059	.057	.177	.038	.022	.646
1955	Mar.	10,680	40,410	2,780	.075	.052	.170	.054	.020	.628
1955	Apr.	6,032	26,680	3,250	.069	.054	.173	.048	.021	.636
1955	May	3,259	16,110	3,640	.065	.055	.175	.043	.021	.640
1955	June	2,017	10,890	3,970	.062	.056	.176	.040	.022	.644
1955	July	1,568	8,237	3,860	.062	.056	.176	.041	.022	.643
1955	Aug.	4,824	21,330	3,250	.069	.054	.173	.048	.021	.636
1955	Sept.	943	5,790	4,520	.058	.058	.178	.036	.023	.648
1955	Oct.	1,361	7,991	4,320	.060	.057	.177	.037	.022	.647
1955	Nov.	1,668	9,239	4,070	.062	.056	.176	.039	.022	.644
1955	Dec.	2,704	13,310	3,620	.067	.055	.173	.045	.022	.639
1956	Jan.	2,106	11,120	3,880	.064	.056	.175	.041	.022	.642
1956	Feb.	2,233	11,380	3,750	.065	.055	.174	.043	.022	.641
1956	Mar.	3,495	16,100	3,390	.069	.054	.172	.048	.022	.636
1956	Apr.	2,305	11,760	3,730	.065	.055	.174	.043	.022	.641
1956	May	2,450	12,420	3,730	.065	.055	.174	.043	.022	.640
1956	June	1,521	8,624	4,170	.061	.056	.176	.038	.022	.645
1956	July	2,955	13,790	3,430	.068	.055	.172	.047	.022	.636
1956	Aug.	1,359	7,720	4,180	.061	.057	.177	.038	.022	.646
1956	Sept.	496	3,676	5,450	.052	.059	.182	.029	.023	.655
1956	Oct.	1,190	7,392	4,570	.056	.056	.180	.031	.021	.656
1956	Nov.	1,109	6,932	4,600	.056	.056	.180	.031	.021	.657
1956	Dec.	861	5,749	4,910	.053	.055	.182	.026	.021	.663
1957	Jan.	1,027	6,602	4,720	.055	.056	.181	.029	.021	.659
1957	Feb.	2,277	11,870	3,830	.063	.056	.175	.047	.022	.637
1957	Mar.	2,682	14,020	3,840	.063	.056	.175	.046	.022	.637
1957	Apr.	2,160	11,740	3,990	.061	.056	.177	.042	.022	.642
1957	May	12,140	44,470	2,690	.077	.055	.161	.103	.022	.581
1957	June	10,220	38,320	2,760	.076	.055	.162	.103	.022	.585
1957	July	6,401	25,530	2,930	.073	.055	.164	.091	.022	.595
1957	Aug.	29,370	78,790	1,970	.085	.050	.140	.202	.021	.502
1957	Sept.	4,915	21,820	3,260	.069	.056	.170	.068	.022	.615
1957	Oct.	6,000	23,570	2,890	.089	.047	.152	.045	.018	.649
1957	Nov.	20,050	41,040	1,500	.157	.037	.119	.067	.014	.605
1957	Dec.	3,138	16,190	3,790	.069	.052	.167	.037	.019	.656
1958	Jan.	3,074	16,010	3,830	.069	.052	.168	.037	.019	.656
1958	Feb.	4,550	19,640	3,170	.082	.049	.156	.042	.018	.653

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 53. 09314500 Price River at Woodside, Utah, water years 1949 through 1983--Continued										
1958	Mar.	5,591	23,610	3,100	0.084	0.048	0.155	0.043	0.018	0.652
1958	Apr.	21,200	54,990	1,910	.131	.039	.125	.060	.015	.629
1958	May	39,550	88,310	1,640	.149	.036	.115	.067	.014	.619
1958	June	13,170	40,810	2,280	.112	.042	.136	.054	.016	.641
1958	July	4,354	20,170	3,410	.077	.050	.160	.040	.018	.655
1958	Aug.	4,844	21,120	3,210	.081	.049	.157	.042	.018	.653
1958	Sept.	6,504	23,340	2,640	.097	.046	.148	.047	.017	.644
1958	Oct.	2,848	14,450	3,730	.067	.052	.170	.039	.019	.652
1958	Nov.	2,636	13,490	3,760	.067	.052	.170	.038	.019	.652
1958	Dec.	2,979	14,920	3,680	.068	.052	.169	.039	.019	.652
1959	Jan.	2,473	12,980	3,860	.066	.053	.171	.038	.020	.653
1959	Feb.	2,521	12,820	3,740	.067	.052	.170	.039	.019	.652
1959	Mar.	2,789	14,220	3,750	.067	.052	.170	.039	.019	.652
1959	Apr.	1,734	9,711	4,120	.064	.053	.174	.036	.020	.654
1959	May	1,624	9,357	4,240	.063	.054	.175	.035	.020	.654
1959	June	1,303	7,702	4,350	.062	.054	.176	.034	.020	.654
1959	July	612	4,319	5,190	.056	.056	.182	.029	.022	.656
1959	Aug.	6,495	23,820	2,700	.079	.049	.159	.051	.018	.644
1959	Sept.	4,252	16,220	2,810	.077	.050	.161	.049	.018	.645
1959	Oct.	2,035	10,170	3,670	.077	.048	.164	.040	.020	.651
1959	Nov.	1,954	9,896	3,720	.077	.048	.164	.040	.020	.652
1959	Dec.	1,613	8,639	3,940	.074	.049	.166	.038	.020	.654
1960	Jan.	1,607	8,703	3,980	.074	.049	.166	.037	.020	.654
1960	Feb.	1,726	9,024	3,840	.075	.048	.165	.038	.020	.653
1960	Mar.	6,379	23,410	2,700	.092	.044	.154	.054	.019	.637
1960	Apr.	2,224	10,780	3,560	.078	.047	.163	.041	.020	.650
1960	May	1,256	7,246	4,240	.071	.050	.168	.035	.020	.656
1960	June	881	5,385	4,490	.068	.051	.170	.033	.021	.658
1960	July	259	1,858	5,280	.061	.053	.176	.028	.021	.661
1960	Aug.	1,080	4,353	2,960	.086	.046	.158	.049	.019	.642
1960	Sept.	2,416	9,537	2,900	.087	.045	.158	.050	.019	.641
1960	Oct.	11,690	20,660	1,300	.120	.039	.137	.109	.018	.577
1960	Nov.	1,416	7,559	3,920	.078	.048	.164	.039	.021	.650
1960	Dec.	1,203	6,748	4,120	.076	.048	.165	.038	.021	.652
1961	Jan.	658	4,554	5,090	.069	.050	.170	.031	.021	.660
1961	Feb.	1,254	6,804	3,990	.077	.048	.164	.039	.021	.651
1961	Mar.	1,573	8,186	3,830	.079	.048	.163	.040	.021	.649
1961	Apr.	892	5,159	4,250	.074	.049	.166	.036	.021	.654
1961	May	324	2,776	6,300	.062	.052	.174	.025	.021	.667
1961	June	90	836	6,850	.059	.052	.176	.023	.021	.669

1961	July	531	1,977	.089	.046	.157	.055	.020	.633
1961	Aug.	6,127	16,480	.103	.043	.148	.075	.019	.612
1961	Sept.	27,200	38,720	.131	.036	.129	.131	.017	.555
1961	Oct.	1,139	6,482	.087	.045	.158	.039	.021	.652
1961	Nov.	1,561	8,057	.092	.044	.155	.044	.020	.645
1961	Dec.	1,321	7,014	.090	.044	.156	.042	.020	.647
1962	Jan.	932	5,624	.084	.045	.159	.036	.021	.655
1962	Feb.	7,476	23,620	.122	.039	.139	.077	.019	.604
1962	Mar.	8,212	25,860	.122	.039	.139	.078	.019	.604
1962	Apr.	28,180	66,470	.143	.035	.127	.108	.018	.568
1962	May	12,180	35,170	.128	.038	.135	.086	.019	.594
1962	June	2,801	12,350	.102	.042	.150	.053	.020	.634
1962	July	9,983	22,680	.136	.036	.130	.108	.018	.572
1962	Aug.	664	4,363	.079	.046	.162	.032	.021	.660
1962	Sept.	14,920	28,120	.150	.033	.122	.133	.018	.545
1962	Oct.	5,893	18,160	--	--	--	--	--	--
1962	Nov.	1,664	8,919	--	--	--	--	--	--
1962	Dec.	1,436	7,960	--	--	--	--	--	--
1963	Jan.	835	5,444	--	--	--	--	--	--
1963	Feb.	2,537	11,880	--	--	--	--	--	--
1963	Mar.	6,658	20,770	--	--	--	--	--	--
1963	Apr.	1,527	8,142	--	--	--	--	--	--
1963	May	1,329	7,652	--	--	--	--	--	--
1963	June	1,518	7,628	--	--	--	--	--	--
1963	July	1,513	6,271	--	--	--	--	--	--
1963	Aug.	15,450	37,240	--	--	--	--	--	--
1963	Sept.	11,900	30,370	--	--	--	--	--	--
1963	Oct.	1,380	7,757	--	--	--	--	--	--
1963	Nov.	1,379	7,867	--	--	--	--	--	--
1963	Dec.	936	6,027	--	--	--	--	--	--
1964	Jan.	696	4,829	--	--	--	--	--	--
1964	Feb.	1,033	6,344	--	--	--	--	--	--
1964	Mar.	1,906	10,010	--	--	--	--	--	--
1964	Apr.	3,217	14,090	--	--	--	--	--	--
1964	May	5,790	20,770	--	--	--	--	--	--
1964	June	2,815	12,730	--	--	--	--	--	--
1964	July	1,938	9,689	--	--	--	--	--	--
1964	Aug.	10,260	25,940	--	--	--	--	--	--
1964	Sept.	1,902	9,427	--	--	--	--	--	--
1964	Oct.	1,125	7,782	--	--	--	--	--	--
1964	Nov.	1,541	10,910	--	--	--	--	--	--
1964	Dec.	1,581	9,261	--	--	--	--	--	--
1965	Jan.	2,434	14,000	--	--	--	--	--	--
1965	Feb.	2,920	15,640	--	--	--	--	--	--
1965	Mar.	3,199	16,740	--	--	--	--	--	--
1965	Apr.	9,656	25,610	--	--	--	--	--	--
1965	May	28,340	42,540	--	--	--	--	--	--
1965	June	18,360	43,460	--	--	--	--	--	--
1965	July	16,690	46,550	--	--	--	--	--	--
1965	Aug.	8,426	26,980	--	--	--	--	--	--
1965	Sept.	5,931	22,490	--	--	--	--	--	--
1965	Oct.	4,935	21,000	--	--	--	--	--	--
1965	Nov.	5,401	29,720	--	--	--	--	--	--
1965	Dec.	5,459	23,950	--	--	--	--	--	--

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 53. 09314500 Price River at Woodside, Utah, water years 1949 through 1983--Continued										
1966	Jan.	3,356	15,560	3,410	--	--	--	--	--	--
1966	Feb.	3,295	14,100	3,150	--	--	--	--	--	--
1966	Mar.	11,580	35,230	2,240	--	--	--	--	--	--
1966	Apr.	10,050	22,700	1,660	--	--	--	--	--	--
1966	May	5,423	21,560	2,920	--	--	--	--	--	--
1966	June	3,259	14,530	3,280	--	--	--	--	--	--
1966	July	3,802	17,330	3,350	--	--	--	--	--	--
1966	Aug.	3,108	12,980	3,070	--	--	--	--	--	--
1966	Sept.	6,956	31,560	3,340	--	--	0.170	0.049	0.019	0.646
1966	Oct.	2,382	13,340	4,120	.053	.059	.173	.044	.018	.653
1966	Nov.	2,043	13,580	4,890	.060	.060	.172	.063	.018	.627
1966	Dec.	6,191	23,000	2,730	.060	.059	.166	.048	.019	.650
1967	Jan.	1,527	8,625	4,150	.058	.060	.169	.056	.019	.638
1967	Feb.	2,963	14,010	3,480	.060	.060	.169	.059	.019	.633
1967	Mar.	4,780	20,790	3,200	.061	.065	.164	.062	.019	.631
1967	Apr.	3,632	14,330	2,900	.065	.060	.163	.070	.019	.621
1967	May	5,689	18,730	2,420	.067	.061	.158	.100	.020	.586
1967	June	25,300	50,790	1,480	.076	.060	.162	.082	.020	.606
1967	July	9,701	26,240	1,990	.070	.060	.166	.067	.019	.622
1967	Aug.	5,925	21,270	2,640	.065	.060	.168	.068	.019	.621
1967	Sept.	6,421	23,170	2,650	.064	.062	.166	.045	.018	.653
1967	Oct.	2,789	15,140	3,990	.056	.062	.167	.041	.017	.658
1967	Nov.	2,307	13,890	4,430	.052	.064	.166	.045	.018	.652
1967	Dec.	2,882	15,480	3,950	.056	.062	.166	.045	.018	.652
1968	Jan.	2,029	10,620	3,850	.057	.062	.164	.047	.019	.651
1968	Feb.	2,638	15,490	4,320	.053	.063	.168	.042	.017	.656
1968	Mar.	4,417	22,400	3,730	.058	.061	.167	.047	.018	.649
1968	Apr.	6,514	19,950	2,250	.078	.054	.158	.070	.020	.619
1968	May	18,360	30,660	1,230	.109	.045	.145	.110	.022	.568
1968	June	30,320	38,760	940	.126	.041	.139	.131	.022	.540
1968	July	6,476	22,330	2,540	.073	.056	.161	.064	.019	.627
1968	Aug.	18,150	57,290	2,320	.078	.054	.164	.065	.018	.621
1968	Sept.	4,237	16,730	2,900	.068	.058	.162	.058	.019	.635
1968	Oct.	5,849	25,850	3,250	.067	.059	.165	.054	.018	.638
1968	Nov.	3,564	18,990	3,920	.059	.063	.167	.046	.018	.647
1968	Dec.	1,944	11,720	4,430	.052	.067	.168	.041	.018	.654
1969	Jan.	1,983	9,651	3,580	.057	.065	.167	.048	.019	.645
1969	Feb.	1,999	9,101	3,350	.059	.064	.166	.051	.019	.642
1969	Mar.	21,450	53,560	1,840	.095	.049	.155	.083	.017	.599
1969	Apr.	31,820	49,310	1,140	.111	.045	.147	.116	.017	.564

1969	May	41,970	47,010	824	.129	.041	.139	.147	.017	.528
1969	June	19,290	36,880	1,410	.102	.048	.151	.101	.018	.580
1969	July	7,876	23,470	2,190	.080	.055	.160	.072	.018	.616
1969	Aug.	13,160	44,700	2,500	.090	.051	.159	.068	.017	.616
1969	Sept.	11,520	43,660	2,790	.084	.052	.161	.062	.017	.624
1969	Oct.	4,846	23,590	3,580	.064	.060	.167	.050	.018	.641
1969	Nov.	3,775	19,040	3,710	.061	.062	.168	.048	.018	.642
1969	Dec.	2,561	14,210	4,080	.056	.065	.170	.045	.019	.645
1970	Jan.	2,176	11,290	3,810	.056	.066	.170	.047	.019	.642
1970	Feb.	3,652	17,140	3,450	.064	.061	.167	.051	.018	.639
1970	Mar.	4,651	21,040	3,330	.065	.060	.167	.052	.018	.637
1970	Apr.	3,507	20,060	4,210	.057	.064	.169	.044	.018	.648
1970	May	4,802	24,380	3,730	.062	.061	.168	.048	.018	.644
1970	June	15,690	44,980	2,110	.094	.048	.157	.072	.017	.612
1970	July	6,071	22,140	2,680	.073	.057	.164	.061	.018	.627
1970	Aug.	6,163	21,850	2,610	.076	.056	.163	.063	.018	.625
1970	Sept.	5,871	21,870	2,740	.075	.056	.163	.060	.018	.628
1970	Oct.	3,604	17,260	3,520	.064	.059	.169	.054	.019	.635
1970	Nov.	3,955	18,030	3,350	.065	.059	.169	.055	.018	.634
1970	Dec.	2,809	14,370	3,760	.062	.060	.170	.052	.019	.637
1971	Jan.	1,696	7,459	3,230	.062	.062	.170	.056	.019	.630
1971	Feb.	3,078	13,990	3,340	.065	.059	.169	.055	.019	.633
1971	Mar.	5,191	17,300	2,450	.070	.058	.166	.062	.018	.625
1971	Apr.	5,586	16,990	2,240	.073	.058	.165	.066	.017	.620
1971	May	7,823	24,590	2,310	.074	.057	.165	.065	.017	.623
1971	June	6,964	19,180	2,030	.076	.057	.164	.069	.017	.616
1971	July	3,552	11,620	2,410	.070	.060	.167	.064	.018	.621
1971	Aug.	5,173	18,940	2,690	.072	.057	.166	.060	.017	.628
1971	Sept.	3,184	14,560	3,360	.065	.059	.169	.055	.018	.634
1971	Oct.	6,365	27,320	3,160	.068	.053	.168	.052	.017	.641
1971	Nov.	4,816	26,060	3,980	.061	.053	.172	.045	.017	.651
1971	Dec.	2,255	12,800	4,170	.059	.055	.173	.046	.017	.650
1972	Jan.	2,097	11,290	3,960	.062	.056	.171	.048	.018	.645
1972	Feb.	2,083	8,999	3,180	.068	.058	.166	.057	.019	.632
1972	Mar.	7,696	18,280	1,750	.088	.058	.154	.080	.021	.598
1972	Apr.	3,947	13,970	2,600	.074	.058	.162	.063	.020	.622
1972	May	3,977	17,120	3,160	.068	.056	.167	.055	.018	.635
1972	June	4,388	17,370	2,910	.071	.056	.165	.058	.019	.631
1972	July	2,513	9,180	2,690	.074	.060	.162	.064	.020	.620
1972	Aug.	2,880	8,572	2,190	.078	.060	.160	.070	.020	.612
1972	Sept.	2,537	9,959	2,890	.071	.058	.164	.060	.019	.627
1972	Oct.	22,450	55,630	1,820	.095	.052	.143	.102	.020	.587
1972	Nov.	4,034	20,550	3,750	.066	.054	.166	.050	.017	.646
1972	Dec.	2,985	19,080	4,700	.059	.053	.170	.043	.016	.659
1973	Jan.	2,460	10,870	3,250	.068	.056	.167	.050	.019	.640
1973	Feb.	2,801	11,550	3,030	.070	.056	.165	.054	.019	.635
1973	Mar.	10,690	37,740	2,600	.078	.055	.157	.068	.019	.622
1973	Apr.	15,450	33,190	1,580	.092	.056	.150	.086	.023	.593
1973	May	45,210	48,130	783	.122	.057	.130	.137	.030	.523
1973	June	13,470	31,760	1,730	.091	.057	.150	.084	.023	.594
1973	July	10,120	36,690	2,670	.078	.054	.157	.068	.019	.623
1973	Aug.	5,748	19,790	2,530	.077	.056	.160	.064	.020	.623
1973	Sept.	3,592	14,240	2,920	.072	.056	.164	.056	.020	.633
1973	Oct.	4,298	18,320	3,130	.074	.053	.162	.049	.019	.643

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 53. 09314500 Price River at Woodside, Utah, water years 1949 through 1983--Continued										
1973	Nov.	3,215	14,510	3,320	0.072	0.053	0.163	0.047	0.019	0.646
1973	Dec.	3,796	16,740	3,240	.073	.053	.162	.048	.019	.645
1974	Jan.	3,727	16,290	3,210	.073	.053	.163	.048	.019	.644
1974	Feb.	3,368	13,240	2,890	.074	.055	.163	.053	.020	.635
1974	Mar.	3,735	15,990	3,150	.073	.055	.162	.049	.019	.643
1974	Apr.	3,035	11,830	2,870	.073	.055	.163	.054	.020	.634
1974	May	4,604	15,120	2,420	.078	.056	.161	.063	.021	.622
1974	June	3,620	13,480	2,740	.075	.055	.163	.056	.020	.631
1974	July	3,596	13,170	2,690	.077	.055	.161	.056	.020	.631
1974	Aug.	1,158	5,210	3,310	.065	.057	.170	.048	.020	.641
1974	Sept.	966	5,360	4,080	.062	.054	.170	.039	.018	.656
1974	Oct.	5,833	21,540	2,710	.078	.054	.159	.065	.019	.625
1974	Nov.	4,068	18,280	3,300	.071	.054	.163	.054	.019	.639
1974	Dec.	2,559	14,480	4,160	.067	.054	.165	.047	.018	.649
1975	Jan.	2,628	9,741	2,730	.072	.057	.164	.061	.020	.626
1975	Feb.	3,255	11,960	2,700	.074	.057	.163	.062	.020	.624
1975	Mar.	5,742	23,350	2,990	.075	.055	.161	.060	.019	.630
1975	Apr.	7,460	15,200	1,500	.085	.059	.157	.090	.022	.588
1975	May	10,750	20,000	1,370	.088	.058	.155	.097	.022	.580
1975	June	29,300	35,670	895	.100	.059	.146	.130	.024	.541
1975	July	14,470	35,140	1,780	.089	.056	.154	.087	.021	.593
1975	Aug.	4,788	13,380	2,050	.079	.058	.161	.074	.021	.607
1975	Sept.	6,694	18,950	2,080	.082	.057	.159	.076	.021	.606
1975	Oct.	5,020	17,530	2,570	.079	.055	.160	.065	.019	.622
1975	Nov.	5,326	21,450	2,960	.072	.059	.167	.066	.019	.618
1975	Dec.	2,178	9,350	3,160	.074	.055	.163	.052	.019	.637
1976	Jan.	2,553	11,660	3,360	.071	.057	.166	.052	.019	.636
1976	Feb.	3,669	18,440	3,690	.066	.060	.172	.054	.019	.629
1976	Mar.	3,846	14,630	2,800	.077	.055	.161	.060	.019	.627
1976	Apr.	4,235	18,610	3,230	.070	.059	.168	.058	.019	.627
1976	May	4,360	18,400	3,100	.072	.058	.166	.059	.019	.626
1976	June	2,882	10,770	2,750	.078	.054	.160	.058	.019	.631
1976	July	2,414	8,633	2,630	.081	.053	.158	.058	.019	.632
1976	Aug.	2,152	7,661	2,620	.082	.052	.157	.057	.019	.634
1976	Sept.	4,015	11,930	2,190	.085	.053	.155	.072	.019	.617
1976	Oct.	2,424	10,020	3,040	.074	.057	.163	.055	.019	.632
1976	Nov.	1,886	10,020	3,910	.066	.061	.169	.044	.019	.641
1976	Dec.	2,103	8,885	3,110	.073	.057	.164	.051	.019	.636
1977	Jan.	1,230	7,733	4,620	.061	.061	.172	.035	.020	.651
1977	Feb.	1,111	5,040	3,340	.073	.055	.162	.043	.020	.647

1977 Mar.	1,646	9,072	4,050	.065	.060	.170	.041	.019	.645
1977 Apr.	998	4,774	3,520	.072	.055	.163	.040	.020	.650
1977 May	1,328	4,074	2,260	.090	.049	.151	.056	.020	.635
1977 June	229	1,512	4,850	.063	.055	.167	.025	.021	.669
1977 July	7,392	19,850	1,970	.080	.059	.153	.124	.017	.568
1977 Aug.	1,820	6,935	2,800	.069	.065	.166	.082	.018	.599
1977 Sept.	501	1,709	2,510	.084	.051	.155	.052	.020	.639
1977 Oct.	1,935	8,579	3,260	.064	.066	.171	.065	.021	.613
1977 Nov.	1,111	6,140	4,070	.063	.058	.171	.036	.021	.652
1977 Dec.	753	4,288	4,190	.063	.056	.169	.031	.021	.660
1978 Jan.	803	4,183	3,830	.067	.054	.166	.034	.021	.659
1978 Feb.	1,230	5,088	3,040	.074	.054	.163	.047	.021	.641
1978 Mar.	7,650	31,050	2,980	.064	.054	.173	.073	.021	.600
1978 Apr.	10,290	17,920	1,280	.100	.052	.140	.142	.020	.546
1978 May	10,380	30,170	2,140	.077	.063	.161	.101	.021	.577
1978 June	3,162	11,520	2,680	.075	.057	.163	.065	.021	.620
1978 July	2,993	9,243	2,270	.081	.056	.158	.074	.021	.610
1978 Aug.	1,588	5,210	2,410	.083	.052	.156	.059	.021	.628
1978 Sept.	1,051	4,193	2,930	.077	.052	.160	.046	.021	.644
1978 Oct.	1,248	6,058	3,570	.065	.057	.169	.040	.022	.647
1978 Nov.	10,680	20,710	1,430	.076	.058	.144	.191	.021	.510
1978 Dec.	1,541	7,131	3,400	.066	.058	.168	.046	.022	.641
1979 Jan.	1,384	6,713	3,570	.066	.057	.168	.042	.022	.645
1979 Feb.	2,218	8,888	2,950	.070	.059	.166	.058	.022	.625
1979 Mar.	23,060	70,970	2,260	.081	.068	.146	.120	.022	.564
1979 Apr.	21,880	36,720	1,230	.088	.061	.140	.194	.021	.496
1979 May	32,810	48,500	1,090	.087	.060	.136	.235	.021	.463
1979 June	6,194	17,510	2,080	.076	.061	.160	.102	.022	.578
1979 July	3,237	11,820	2,680	.072	.060	.165	.067	.022	.613
1979 Aug.	4,251	13,180	2,280	.074	.060	.162	.090	.022	.593
1979 Sept.	1,787	7,673	3,160	.068	.058	.167	.050	.022	.634
1979 Oct.	2,112	10,040	3,330	.063	.057	.169	.045	.023	.643
1979 Nov.	2,311	10,470	3,490	.064	.058	.168	.048	.023	.639
1979 Dec.	2,095	9,995	3,510	.063	.057	.169	.045	.023	.643
1980 Jan.	2,721	11,750	3,170	.065	.058	.167	.052	.023	.634
1980 Feb.	10,160	23,220	1,680	.079	.062	.152	.124	.024	.560
1980 Mar.	8,287	23,990	2,130	.076	.062	.159	.089	.024	.590
1980 Apr.	22,830	44,200	1,420	.085	.062	.146	.150	.024	.532
1980 May	57,170	83,230	1,070	.090	.063	.134	.210	.024	.480
1980 June	40,310	63,420	1,160	.088	.063	.137	.193	.024	.495
1980 July	6,351	20,060	2,320	.073	.061	.161	.080	.024	.601
1980 Aug.	6,113	18,820	2,260	.073	.061	.160	.083	.024	.599
1980 Sept.	23,010	36,430	1,160	.083	.060	.137	.199	.023	.498
1980 Oct.	8,598	21,870	1,870	.084	.061	.157	.087	.024	.587
1980 Nov.	4,267	14,940	2,570	.075	.060	.162	.060	.024	.618
1980 Dec.	3,816	14,230	2,740	.073	.060	.163	.056	.024	.624
1981 Jan.	3,263	12,950	2,920	.071	.060	.163	.052	.024	.630
1981 Feb.	2,499	10,620	3,120	.069	.059	.164	.048	.024	.636
1981 Mar.	3,683	13,960	2,790	.073	.060	.163	.055	.024	.626
1981 Apr.	4,526	15,340	2,490	.076	.060	.161	.063	.024	.616
1981 May	4,050	14,680	2,660	.074	.060	.162	.058	.024	.622
1981 June	3,406	12,560	2,710	.073	.060	.162	.056	.024	.625
1981 July	4,308	14,460	2,470	.075	.060	.161	.063	.024	.617
1981 Aug.	6,093	17,020	2,050	.080	.060	.158	.077	.024	.600

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 53. 09314500 Price River at Woodside, Utah, water years 1949 through 1983--Continued										
1981	Sept.	6,750	17,840	1,940	0.082	0.060	0.157	0.083	0.024	0.594
1981	Oct.	13,860	24,200	1,280	.093	.063	.148	.115	.025	.556
1981	Nov.	3,689	13,350	2,660	.073	.060	.162	.058	.023	.623
1981	Dec.	1,817	9,375	3,790	.063	.057	.168	.040	.022	.650
1982	Jan.	1,813	9,366	3,800	.063	.057	.168	.040	.022	.650
1982	Feb.	3,422	11,670	2,510	.073	.060	.162	.060	.023	.621
1982	Mar.	6,191	17,730	2,110	.080	.062	.158	.073	.024	.603
1982	Apr.	10,640	22,660	1,570	.089	.063	.152	.097	.025	.574
1982	May	34,640	43,830	930	.107	.065	.137	.157	.025	.508
1982	June	27,020	37,290	1,010	.104	.065	.140	.145	.025	.521
1982	July	5,720	16,710	2,150	.079	.061	.159	.071	.024	.605
1982	Aug.	6,948	18,710	1,980	.082	.062	.157	.077	.024	.597
1982	Sept.	10,740	22,830	1,560	.090	.063	.152	.097	.025	.573
1982	Oct.	9,957	22,720	1,680	.088	.062	.153	.093	.024	.580
1982	Nov.	6,226	17,990	2,120	.080	.061	.158	.076	.023	.603
1982	Dec.	3,259	13,700	3,090	.068	.057	.164	.054	.022	.634
1983	Jan.	4,366	15,490	2,610	.073	.059	.162	.063	.022	.621
1983	Feb.	12,600	23,410	1,370	.095	.063	.148	.110	.024	.560
1983	Mar.	22,340	33,340	1,100	.104	.065	.141	.133	.025	.532
1983	Apr.	24,570	33,980	1,020	.106	.065	.139	.142	.025	.523
1983	May	88,590	62,720	521	.129	.064	.117	.234	.026	.430
1983	June	120,400	72,070	440	.134	.064	.110	.263	.026	.403
1983	July	26,230	34,940	980	.107	.065	.139	.145	.025	.520
1983	Aug.	15,060	27,750	1,350	.096	.064	.147	.112	.025	.556
1983	Sept.	13,110	25,030	1,400	.094	.063	.148	.108	.024	.562
Site 54. 09315000 Green River at Green River, Utah, water years 1929 through 1983.										
1928	Oct.	219,300	161,400	541	.129	.053	.147	.188	.069	.413
1928	Nov.	169,500	138,500	601	.125	.053	.150	.178	.073	.421
1928	Dec.	97,520	95,760	722	.115	.052	.155	.160	.082	.436
1929	Jan.	123,400	113,300	675	.119	.052	.153	.167	.079	.431
1929	Feb.	109,500	100,900	678	.118	.052	.153	.166	.079	.431
1929	Mar.	483,200	271,200	413	.143	.054	.139	.217	.058	.388
1929	Apr.	728,100	365,500	369	.150	.054	.135	.232	.053	.376
1929	May	1,541,000	608,600	290	.162	.055	.126	.261	.045	.351
1929	June	1,682,000	650,000	284	.164	.055	.125	.264	.044	.348
1929	July	639,500	337,400	388	.147	.054	.136	.222	.055	.381

1929 Aug.	293,300	199,700	501	.134	.054	.145	.197	.065	.405
1929 Sept.	377,600	236,000	460	.138	.054	.142	.207	.062	.397
1929 Oct.	255,600	184,800	532	.131	.053	.146	.191	.068	.410
1929 Nov.	166,200	136,200	603	.124	.053	.150	.178	.073	.421
1929 Dec.	131,400	116,700	653	.120	.052	.152	.170	.077	.428
1930 Jan.	77,040	82,090	784	.111	.051	.157	.152	.086	.442
1930 Feb.	231,200	165,500	526	.131	.053	.146	.192	.067	.410
1930 Mar.	244,800	179,300	539	.130	.053	.147	.190	.068	.411
1930 Apr.	610,200	320,300	386	.147	.054	.136	.226	.055	.381
1930 May	727,300	372,500	377	.149	.054	.135	.230	.054	.378
1930 June	1,040,000	469,300	332	.156	.055	.131	.245	.049	.365
1930 July	339,000	222,800	483	.136	.054	.144	.201	.064	.402
1930 Aug.	506,000	286,800	417	.143	.054	.139	.217	.058	.388
1930 Sept.	225,800	167,200	544	.130	.053	.147	.189	.069	.413
1930 Oct.	241,400	168,600	514	.133	.053	.147	.197	.068	.402
1930 Nov.	147,700	118,300	589	.125	.052	.152	.181	.075	.416
1930 Dec.	114,600	101,400	651	.119	.052	.155	.170	.079	.425
1931 Jan.	94,200	88,790	693	.116	.051	.157	.163	.082	.431
1931 Feb.	107,900	94,150	641	.120	.052	.154	.171	.079	.424
1931 Mar.	215,600	155,400	530	.131	.053	.148	.193	.070	.406
1931 Apr.	296,500	190,200	472	.138	.053	.144	.207	.065	.394
1931 May	478,600	266,400	409	.146	.053	.138	.225	.059	.379
1931 June	443,200	249,500	414	.145	.053	.139	.224	.059	.380
1931 July	104,100	93,080	658	.118	.051	.155	.168	.081	.427
1931 Aug.	91,540	86,660	696	.115	.051	.157	.162	.083	.431
1931 Sept.	56,130	61,220	802	.107	.050	.161	.147	.090	.443
1931 Oct.	91,300	86,120	694	.115	.052	.158	.161	.082	.433
1931 Nov.	89,160	82,830	683	.116	.052	.157	.162	.082	.432
1931 Dec.	53,460	59,490	818	.105	.050	.162	.143	.091	.449
1932 Jan.	79,220	78,500	729	.112	.051	.159	.155	.084	.438
1932 Feb.	91,380	84,320	679	.116	.052	.157	.163	.081	.431
1932 Mar.	253,800	166,700	483	.136	.053	.147	.203	.067	.395
1932 Apr.	491,200	258,600	387	.150	.053	.138	.233	.058	.368
1932 May	1,385,000	515,800	274	.171	.053	.125	.282	.045	.325
1932 June	1,245,000	484,100	286	.169	.053	.126	.277	.047	.329
1932 July	670,600	315,400	346	.156	.053	.134	.248	.054	.355
1932 Aug.	237,600	161,300	499	.134	.053	.148	.199	.068	.398
1932 Sept.	134,100	108,900	597	.123	.052	.153	.177	.076	.418
1932 Oct.	116,700	96,970	611	.119	.052	.159	.174	.077	.419
1932 Nov.	135,400	106,800	580	.122	.052	.157	.181	.075	.413
1932 Dec.	77,760	71,940	680	.111	.051	.163	.161	.083	.430
1933 Jan.	89,460	80,520	662	.113	.052	.162	.165	.081	.427
1933 Feb.	93,170	80,520	636	.116	.052	.160	.170	.079	.423
1933 Mar.	190,300	135,800	525	.129	.053	.153	.193	.070	.403
1933 Apr.	268,100	170,500	468	.137	.053	.148	.208	.065	.390
1933 May	662,400	322,800	358	.156	.053	.135	.244	.054	.358
1933 June	1,371,000	534,800	287	.172	.053	.124	.277	.046	.329
1933 July	333,700	198,300	437	.141	.053	.145	.216	.062	.382
1933 Aug.	107,100	90,870	624	.117	.052	.160	.172	.078	.421
1933 Sept.	80,030	73,760	678	.112	.051	.163	.162	.082	.429
1933 Oct.	75,750	70,110	681	.111	.051	.166	.162	.086	.424
1933 Nov.	88,410	76,880	639	.115	.051	.164	.169	.083	.419
1933 Dec.	85,590	75,180	646	.114	.051	.164	.167	.084	.420

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 54. 09315000 Green River at Green River, Utah, water years 1929 through 1983--Continued										
1934	Jan.	99,950	84,210	620	0.117	0.051	0.162	0.172	0.081	0.416
1934	Feb.	119,400	91,740	565	.123	.052	.158	.183	.077	.408
1934	Mar.	132,500	101,900	565	.123	.052	.158	.183	.077	.408
1934	Apr.	174,200	120,200	507	.130	.053	.152	.195	.072	.398
1934	May	284,800	169,500	438	.140	.054	.145	.214	.066	.382
1934	June	126,600	95,320	554	.123	.052	.157	.184	.077	.407
1934	July	39,660	45,320	840	.098	.049	.176	.140	.096	.441
1934	Aug.	43,770	48,310	812	.100	.049	.175	.143	.095	.438
1934	Sept.	35,890	41,860	858	.097	.048	.177	.138	.097	.442
1934	Oct.	44,130	48,300	805	.101	.048	.178	.148	.096	.429
1934	Nov.	55,630	56,150	742	.107	.049	.173	.157	.092	.423
1934	Dec.	57,040	57,280	738	.107	.049	.173	.157	.092	.422
1935	Jan.	68,390	65,350	703	.110	.050	.170	.164	.089	.418
1935	Feb.	83,800	72,890	640	.117	.051	.165	.175	.084	.409
1935	Mar.	116,400	94,230	595	.122	.051	.160	.184	.080	.402
1935	Apr.	172,100	121,100	518	.132	.053	.152	.202	.073	.388
1935	May	456,900	236,800	381	.154	.055	.133	.245	.060	.353
1935	June	1,264,000	481,300	280	.178	.056	.113	.294	.047	.313
1935	July	331,600	188,800	419	.147	.054	.139	.231	.064	.365
1935	Aug.	124,200	98,530	583	.123	.052	.159	.187	.079	.400
1935	Sept.	75,730	69,050	671	.113	.050	.168	.169	.086	.414
1935	Oct.	58,960	62,060	774	.109	.047	.173	.157	.097	.416
1935	Nov.	82,910	77,130	684	.118	.049	.165	.174	.089	.405
1935	Dec.	60,670	63,120	765	.110	.048	.173	.159	.097	.415
1936	Jan.	66,650	67,330	743	.112	.048	.171	.163	.094	.412
1936	Feb.	90,650	80,550	653	.121	.050	.163	.179	.086	.401
1936	Mar.	140,700	111,100	581	.131	.051	.154	.197	.078	.389
1936	Apr.	447,500	218,600	359	.164	.055	.125	.266	.055	.336
1936	May	1,314,000	495,200	277	.187	.056	.104	.316	.040	.296
1936	June	1,051,000	419,400	293	.183	.056	.108	.306	.043	.305
1936	July	380,000	213,900	414	.156	.054	.131	.248	.059	.350
1936	Aug.	317,300	186,900	433	.152	.054	.135	.240	.062	.357
1936	Sept.	136,300	106,900	577	.131	.051	.154	.197	.078	.389
1936	Oct.	118,200	109,800	683	--	--	--	--	--	--
1936	Nov.	130,600	116,400	656	--	--	--	--	--	--
1936	Dec.	81,000	85,430	776	--	--	--	--	--	--
1937	Jan.	61,490	71,410	854	--	--	--	--	--	--
1937	Feb.	94,420	91,810	715	--	--	--	--	--	--
1937	Mar.	281,300	189,700	496	--	--	--	--	--	--
1937	Apr.	451,200	261,400	426	--	--	--	--	--	--

1937 May	1,157,000	494,500	314	--	--	--	--	--	--
1937 June	898,700	415,800	340	--	--	--	--	--	--
1937 July	553,100	300,700	400	--	--	--	--	--	--
1937 Aug.	159,500	133,100	614	--	--	--	--	--	--
1937 Sept.	147,300	124,000	619	--	--	--	--	--	--
1937 Oct.	122,200	111,700	672	--	--	--	--	--	--
1937 Nov.	124,300	112,600	666	--	--	--	--	--	--
1937 Dec.	120,100	109,900	673	--	--	--	--	--	--
1938 Jan.	101,000	97,930	713	--	--	--	--	--	--
1938 Feb.	125,200	110,700	650	--	--	--	--	--	--
1938 Mar.	263,000	190,800	534	--	--	--	--	--	--
1938 Apr.	467,800	269,800	424	--	--	--	--	--	--
1938 May	1,122,000	524,600	344	--	--	--	--	--	--
1938 June	1,345,000	592,000	324	--	--	--	--	--	--
1938 July	486,400	289,200	437	--	--	--	--	--	--
1938 Aug.	173,400	142,400	604	--	--	--	--	--	--
1938 Sept.	296,500	202,600	503	--	--	--	--	--	--
1938 Oct.	234,200	176,100	553	--	--	--	--	--	--
1938 Nov.	171,100	139,700	601	--	--	--	--	--	--
1938 Dec.	153,600	131,000	627	--	--	--	--	--	--
1939 Jan.	128,100	115,900	665	--	--	--	--	--	--
1939 Feb.	103,500	96,900	688	--	--	--	--	--	--
1939 Mar.	390,000	237,900	449	--	--	--	--	--	--
1939 Apr.	446,200	274,900	453	--	--	--	--	--	--
1939 May	882,200	447,600	373	--	--	--	--	--	--
1939 June	523,900	305,000	428	--	--	--	--	--	--
1939 July	162,300	135,800	615	--	--	--	--	--	--
1939 Aug.	98,960	96,310	716	--	--	--	--	--	--
1939 Sept.	126,100	112,000	653	--	--	--	--	--	--
1939 Oct.	126,200	120,900	705	--	--	--	--	--	--
1939 Nov.	98,180	100,300	751	--	--	--	--	--	--
1939 Dec.	88,670	93,820	778	--	--	--	--	--	--
1940 Jan.	81,630	87,890	792	--	--	--	--	--	--
1940 Feb.	96,580	98,200	748	--	--	--	--	--	--
1940 Mar.	198,700	166,500	616	--	--	--	--	--	--
1940 Apr.	253,500	194,900	565	--	--	--	--	--	--
1940 May	703,200	407,500	426	--	--	--	--	--	--
1940 June	492,200	310,100	463	--	--	--	--	--	--
1940 July	106,800	105,600	727	--	--	--	--	--	--
1940 Aug.	49,470	61,810	919	--	--	--	--	--	--
1940 Sept.	81,010	86,290	783	--	--	--	--	--	--
1940 Oct.	151,500	145,800	708	--	--	--	--	--	--
1940 Nov.	113,200	118,700	771	--	--	--	--	--	--
1940 Dec.	95,680	104,900	806	--	--	--	--	--	--
1941 Jan.	100,200	109,900	807	--	--	--	--	--	--
1941 Feb.	126,100	123,100	718	--	--	--	--	--	--
1941 Mar.	216,100	186,300	634	--	--	--	--	--	--
1941 Apr.	313,500	241,100	566	--	--	--	--	--	--
1941 May	1,172,000	606,000	380	--	--	--	--	--	--
1941 June	1,146,000	597,300	383	--	--	--	--	--	--
1941 July	358,500	264,800	543	--	--	--	--	--	--
1941 Aug.	267,500	216,500	595	--	--	--	--	--	--
1941 Sept.	181,900	164,400	665	--	--	--	--	--	--
1941 Oct.	317,900	244,600	566	--	--	--	--	--	--

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 54. 09315000 Green River at Green River, Utah, water years 1929 through 1983--Continued										
1941	Nov.	239,700	199,700	612	--	--	--	--	--	--
1941	Dec.	168,200	157,700	689	--	--	--	--	--	--
1942	Jan.	112,100	117,600	771	--	--	--	--	--	--
1942	Feb.	122,500	122,700	737	--	--	--	--	--	--
1942	Mar.	264,300	213,200	593	--	--	--	--	--	--
1942	Apr.	857,600	485,200	416	--	--	--	--	--	--
1942	May	979,700	535,100	402	--	--	--	--	--	--
1942	June	1,271,000	637,200	369	--	--	--	--	--	--
1942	July	414,700	295,800	525	--	--	--	--	--	--
1942	Aug.	152,100	146,300	707	--	--	--	--	--	--
1942	Sept.	90,710	101,700	824	--	--	--	--	--	--
1942	Oct.	117,600	138,800	868	0.100	0.054	0.163	0.145	0.070	0.469
1942	Nov.	123,600	136,700	813	.104	.054	.160	.152	.069	.460
1942	Dec.	116,500	129,600	818	.104	.054	.160	.151	.070	.461
1943	Jan.	111,700	118,800	782	.107	.054	.158	.156	.070	.455
1943	Feb.	129,700	124,000	703	.113	.054	.155	.168	.067	.443
1943	Mar.	235,800	193,000	602	.123	.053	.151	.189	.061	.423
1943	Apr.	569,400	307,300	397	.150	.050	.135	.245	.051	.369
1943	May	763,000	306,300	295	.172	.047	.120	.292	.046	.323
1943	June	1,074,000	413,000	283	.175	.046	.119	.300	.043	.317
1943	July	612,100	244,300	294	.172	.047	.120	.291	.047	.323
1943	Aug.	300,100	233,400	572	.124	.052	.151	.193	.059	.422
1943	Sept.	116,100	103,800	657	.116	.054	.153	.173	.068	.437
1943	Oct.	123,900	139,600	828	.103	.054	.160	.149	.068	.467
1943	Nov.	145,900	151,400	763	.109	.054	.156	.161	.066	.453
1943	Dec.	112,100	124,200	815	.105	.054	.158	.151	.070	.463
1944	Jan.	84,080	101,000	883	.099	.054	.160	.139	.073	.475
1944	Feb.	111,300	116,000	766	.109	.054	.156	.158	.069	.455
1944	Mar.	252,400	268,300	782	.109	.053	.160	.165	.061	.452
1944	Apr.	528,700	426,200	593	.129	.052	.150	.207	.052	.410
1944	May	924,400	459,700	366	.161	.050	.127	.275	.046	.341
1944	June	1,391,000	482,500	255	.189	.047	.107	.337	.039	.281
1944	July	591,300	241,200	300	.175	.050	.115	.297	.047	.315
1944	Aug.	142,800	104,500	538	.131	.055	.141	.198	.066	.409
1944	Sept.	72,850	71,310	720	.111	.055	.151	.159	.074	.450
1944	Oct.	114,800	131,600	843	.105	.053	.156	.148	.067	.471
1944	Nov.	119,100	134,000	827	.106	.053	.156	.151	.067	.467
1944	Dec.	88,440	106,300	884	.101	.053	.157	.141	.070	.477
1945	Jan.	108,900	114,500	773	.110	.054	.154	.158	.068	.456
1945	Feb.	127,900	128,000	736	.114	.054	.153	.166	.065	.449

1945	Mar.	185,300	186,200	739	.114	.053	.153	.167	.063	.450
1945	Apr.	290,900	242,700	613	.127	.053	.147	.195	.058	.420
1945	May	909,000	383,200	310	.173	.050	.120	.309	.045	.302
1945	June	1,016,000	368,900	267	.183	.049	.113	.337	.043	.276
1945	July	700,800	278,700	293	.175	.051	.118	.316	.047	.294
1945	Aug.	335,400	241,000	528	.137	.053	.142	.216	.057	.395
1945	Sept.	162,700	126,700	573	.130	.054	.146	.200	.063	.407
1945	Oct.	161,100	156,100	712	.118	.053	.149	.172	.063	.445
1945	Nov.	149,000	144,200	712	.118	.053	.149	.172	.063	.444
1945	Dec.	112,800	118,300	771	.111	.053	.152	.159	.066	.458
1946	Jan.	123,000	115,700	692	.117	.054	.151	.173	.065	.441
1946	Feb.	116,900	104,700	659	.119	.054	.150	.179	.065	.433
1946	Mar.	235,700	208,900	652	.127	.053	.145	.188	.060	.427
1946	Apr.	528,200	313,100	436	.153	.052	.132	.250	.052	.361
1946	May	775,200	312,700	297	.174	.051	.120	.317	.048	.290
1946	June	746,400	263,500	260	.178	.051	.116	.337	.047	.271
1946	July	263,700	123,500	345	.154	.055	.133	.275	.058	.326
1946	Aug.	152,000	127,300	616	.123	.054	.148	.187	.063	.425
1946	Sept.	104,600	96,810	680	.116	.054	.151	.173	.066	.440
1946	Oct.	148,800	150,700	745	.115	.052	.149	.164	.063	.456
1946	Nov.	170,300	164,900	712	.119	.053	.148	.172	.062	.446
1946	Dec.	154,000	145,000	693	.119	.053	.149	.174	.063	.442
1947	Jan.	91,440	99,730	802	.108	.052	.153	.153	.067	.467
1947	Feb.	150,900	130,700	637	.124	.053	.147	.185	.062	.429
1947	Mar.	411,200	330,700	591	.139	.052	.138	.204	.055	.411
1947	Apr.	421,900	249,600	435	.149	.053	.134	.245	.055	.364
1947	May	1,400,000	504,500	265	.181	.051	.113	.334	.044	.278
1947	June	1,348,000	534,700	292	.178	.051	.116	.318	.045	.292
1947	July	655,900	262,200	294	.168	.053	.122	.309	.049	.298
1947	Aug.	365,400	260,600	525	.139	.053	.138	.215	.056	.398
1947	Sept.	165,800	129,300	573	.128	.054	.146	.198	.062	.412
1947	Oct.	181,000	165,500	672	.120	.053	.150	.179	.061	.438
1947	Nov.	178,900	161,200	663	.121	.053	.149	.181	.061	.436
1947	Dec.	152,400	154,000	743	.114	.053	.153	.166	.062	.452
1948	Jan.	140,800	129,900	678	.117	.054	.151	.175	.063	.440
1948	Feb.	136,500	123,000	663	.119	.054	.150	.178	.063	.436
1948	Mar.	313,400	257,900	605	.131	.052	.145	.198	.054	.419
1948	Apr.	557,800	378,400	499	.143	.052	.138	.226	.050	.392
1948	May	1,061,000	400,700	278	.175	.050	.115	.315	.043	.302
1948	June	952,100	310,700	240	.181	.050	.109	.336	.042	.282
1948	July	268,000	146,100	401	.147	.054	.133	.245	.056	.365
1948	Aug.	137,100	111,400	597	.123	.054	.147	.188	.064	.424
1948	Sept.	68,970	56,030	597	.117	.056	.149	.181	.071	.426
1948	Oct.	92,210	93,710	747	.109	.055	.153	.160	.068	.455
1948	Nov.	103,500	106,800	759	.109	.055	.153	.160	.067	.456
1948	Dec.	96,970	104,800	795	.106	.054	.155	.154	.068	.463
1949	Jan.	100,400	101,300	741	.110	.055	.152	.162	.067	.453
1949	Feb.	109,800	101,300	678	.117	.055	.149	.174	.065	.440
1949	Mar.	276,400	256,800	683	.120	.054	.159	.181	.057	.440
1949	Apr.	473,900	321,300	499	.141	.054	.136	.227	.050	.391
1949	May	1,221,000	508,500	306	.176	.051	.112	.316	.039	.306
1949	June	1,547,000	627,000	298	.178	.050	.111	.321	.037	.303
1949	July	592,100	332,300	413	.154	.053	.128	.259	.047	.359
1949	Aug.	172,100	129,100	552	.130	.055	.141	.204	.060	.409

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 54. 09315000 Green River at Green River, Utah, water years 1929 through 1983--Continued										
1949	Sept.	111,400	100,400	663	0.117	0.055	0.148	0.176	0.065	0.438
1949	Oct.	206,700	200,000	711	.116	.054	.147	.174	.058	.450
1949	Nov.	190,500	167,800	648	.122	.056	.143	.185	.059	.435
1949	Dec.	127,800	130,300	750	.111	.055	.148	.163	.063	.460
1950	Jan.	140,800	144,700	756	.111	.055	.149	.163	.062	.461
1950	Feb.	148,800	149,400	738	.113	.055	.148	.167	.061	.457
1950	Mar.	356,300	320,500	661	.122	.053	.146	.188	.054	.437
1950	Apr.	620,000	384,500	456	.147	.053	.131	.242	.047	.380
1950	May	1,026,000	520,800	373	.165	.052	.120	.282	.042	.339
1950	June	1,567,000	560,100	263	.190	.050	.101	.345	.036	.279
1950	July	734,200	355,100	356	.167	.053	.117	.285	.044	.335
1950	Aug.	245,800	156,500	468	.146	.057	.128	.233	.055	.383
1950	Sept.	148,900	132,600	655	.121	.056	.143	.181	.061	.439
1950	Oct.	153,200	140,900	676	.120	.056	.143	.178	.060	.443
1950	Nov.	166,100	158,700	702	.118	.056	.146	.174	.060	.447
1950	Dec.	170,900	157,600	678	.120	.056	.144	.178	.059	.442
1951	Jan.	113,300	123,500	801	.108	.055	.149	.154	.063	.470
1951	Feb.	167,200	147,300	647	.123	.056	.143	.185	.058	.435
1951	Mar.	204,500	184,800	664	.122	.055	.144	.182	.058	.438
1951	Apr.	371,700	257,900	510	.141	.055	.136	.222	.052	.394
1951	May	882,100	385,400	325	.173	.053	.115	.304	.042	.313
1951	June	1,309,000	484,500	272	.185	.051	.106	.338	.038	.282
1951	July	627,200	245,500	288	.176	.055	.107	.319	.043	.300
1951	Aug.	378,700	254,400	494	.143	.055	.135	.227	.051	.389
1951	Sept.	177,700	133,600	553	.133	.058	.135	.207	.057	.411
1951	Oct.	210,500	204,200	713	.118	.055	.149	.172	.058	.448
1951	Nov.	163,900	162,600	729	.115	.055	.149	.167	.060	.454
1951	Dec.	131,800	139,700	779	.109	.055	.151	.157	.062	.466
1952	Jan.	134,500	129,500	708	.114	.056	.148	.167	.062	.453
1952	Feb.	140,400	130,200	682	.117	.056	.146	.173	.061	.446
1952	Mar.	159,900	162,700	748	.113	.055	.150	.163	.060	.458
1952	Apr.	987,600	841,300	626	.137	.051	.147	.208	.046	.411
1952	May	2,087,000	970,000	342	.178	.050	.119	.304	.039	.309
1952	June	1,809,000	651,200	265	.190	.050	.107	.340	.038	.275
1952	July	514,400	294,000	420	.154	.055	.129	.251	.049	.361
1952	Aug.	315,100	277,200	647	.126	.054	.146	.189	.055	.430
1952	Sept.	184,200	174,000	695	.119	.055	.148	.174	.059	.446
1952	Oct.	128,900	139,600	797	.109	.055	.154	.154	.062	.466
1952	Nov.	122,500	146,600	880	.104	.054	.157	.144	.062	.479
1952	Dec.	128,900	150,900	861	.105	.054	.156	.146	.062	.477

1953	Jan.	139,700	142,300	.113	.055	.152	.162	.062	.456
1953	Feb.	141,200	145,700	.113	.055	.153	.162	.061	.457
1953	Mar.	216,800	214,800	.117	.054	.152	.170	.058	.448
1953	Apr.	220,900	206,200	.121	.055	.150	.178	.058	.439
1953	May	453,900	239,100	.157	.055	.130	.261	.050	.347
1953	June	1,167,000	414,200	.186	.051	.111	.336	.040	.275
1953	July	376,300	178,900	.161	.056	.126	.273	.050	.334
1953	Aug.	211,600	173,700	.127	.056	.146	.192	.058	.422
1953	Sept.	87,330	83,530	.113	.057	.150	.164	.065	.451
1953	Oct.	86,280	105,100	.099	.055	.159	.139	.066	.483
1953	Nov.	125,400	143,300	.106	.055	.156	.151	.062	.470
1953	Dec.	107,100	123,200	.104	.055	.157	.147	.064	.473
1954	Jan.	107,300	116,500	.106	.055	.156	.151	.065	.467
1954	Feb.	138,100	140,100	.113	.056	.153	.164	.062	.453
1954	Mar.	169,200	170,700	.114	.056	.152	.166	.061	.451
1954	Apr.	270,000	202,700	.132	.055	.143	.202	.057	.410
1954	May	639,600	242,200	.177	.052	.117	.301	.049	.304
1954	June	375,900	162,600	.166	.053	.125	.274	.054	.329
1954	July	345,800	158,800	.160	.053	.128	.261	.055	.342
1954	Aug.	119,700	78,200	.132	.054	.145	.201	.066	.402
1954	Sept.	134,100	138,200	.111	.055	.153	.161	.062	.457
1954	Oct.	138,600	157,100	.110	.051	.159	.153	.064	.463
1954	Nov.	119,900	122,800	.114	.051	.157	.162	.066	.451
1954	Dec.	79,660	97,340	.102	.050	.163	.141	.069	.475
1955	Jan.	79,720	84,620	.109	.051	.159	.155	.069	.457
1955	Feb.	86,400	77,410	.118	.052	.154	.173	.068	.435
1955	Mar.	237,500	218,900	.125	.051	.151	.181	.059	.432
1955	Apr.	311,000	244,400	.133	.051	.146	.199	.058	.413
1955	May	677,600	261,300	.174	.050	.118	.297	.050	.311
1955	June	654,600	235,100	.178	.050	.115	.308	.049	.299
1955	July	222,600	98,550	.156	.051	.130	.262	.059	.342
1955	Aug.	160,900	140,500	.122	.051	.152	.180	.063	.431
1955	Sept.	70,680	66,290	.113	.051	.157	.166	.070	.443
1955	Oct.	77,200	82,190	.106	.053	.157	.154	.070	.461
1955	Nov.	86,270	94,530	.108	.052	.156	.149	.066	.470
1955	Dec.	127,000	127,200	.116	.051	.152	.158	.062	.462
1956	Jan.	154,600	137,800	.122	.051	.150	.172	.062	.444
1956	Feb.	99,840	103,300	.112	.051	.154	.155	.064	.464
1956	Mar.	314,200	251,900	.140	.047	.141	.179	.052	.441
1956	Apr.	460,100	242,300	.154	.050	.134	.240	.053	.370
1956	May	994,900	334,800	.176	.048	.118	.313	.047	.298
1956	June	1,207,000	379,400	.183	.047	.114	.323	.044	.289
1956	July	293,700	135,100	.144	.054	.136	.270	.061	.334
1956	Aug.	169,100	111,700	.129	.054	.146	.215	.065	.391
1956	Sept.	72,420	50,710	.112	.059	.155	.213	.079	.382
1956	Oct.	76,460	72,070	.107	.055	.158	.167	.072	.441
1956	Nov.	99,140	99,600	.111	.052	.155	.157	.065	.461
1956	Dec.	79,420	82,660	.106	.053	.158	.154	.069	.461
1957	Jan.	83,270	78,230	.108	.054	.157	.167	.071	.442
1957	Feb.	100,000	92,710	.114	.053	.154	.167	.065	.447
1957	Mar.	236,500	210,100	.130	.049	.145	.167	.054	.455
1957	Apr.	290,300	212,700	.137	.050	.142	.191	.054	.428
1957	May	912,700	416,600	.171	.048	.125	.260	.045	.351
1957	June	1,871,000	607,000	.191	.046	.112	.316	.039	.296

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 54. 09315000 Green River at Green River, Utah, water years 1929 through 1983--Continued										
1957	July	1,164,000	380,600	241	0.175	0.048	0.117	0.321	0.045	0.294
1957	Aug.	386,300	288,000	548	.140	.047	.136	.182	.048	.447
1957	Sept.	201,800	176,300	642	.129	.049	.145	.169	.055	.453
1957	Oct.	184,800	176,600	703	.126	.048	.146	.157	.054	.469
1957	Nov.	228,100	207,800	670	.134	.047	.143	.160	.051	.466
1957	Dec.	148,900	142,500	704	.119	.050	.150	.159	.058	.463
1958	Jan.	127,700	116,500	671	.115	.052	.153	.167	.063	.450
1958	Feb.	183,600	155,500	623	.129	.050	.146	.172	.055	.448
1958	Mar.	246,300	230,600	689	.133	.046	.142	.156	.050	.473
1958	Apr.	432,200	295,900	503	.149	.047	.137	.193	.047	.428
1958	May	1,311,000	496,400	278	.177	.046	.122	.283	.042	.329
1958	June	1,174,000	365,200	229	.168	.049	.122	.326	.046	.290
1958	July	224,000	123,900	407	.125	.056	.148	.240	.065	.366
1958	Aug.	110,200	86,910	580	.109	.056	.157	.190	.070	.417
1958	Sept.	95,760	98,540	757	.109	.051	.154	.152	.063	.471
1958	Oct.	91,080	92,190	744	.116	.047	.159	.148	.063	.468
1958	Nov.	102,000	107,200	773	.117	.046	.157	.145	.059	.475
1958	Dec.	114,200	121,200	780	.118	.047	.156	.144	.058	.478
1959	Jan.	97,090	105,100	796	.116	.046	.158	.141	.059	.480
1959	Feb.	113,500	107,200	694	.122	.047	.155	.157	.059	.459
1959	Mar.	146,300	138,300	695	.124	.047	.153	.158	.056	.461
1959	Apr.	218,900	162,100	545	.135	.049	.147	.189	.055	.425
1959	May	480,400	188,900	289	.153	.050	.132	.283	.055	.327
1959	June	762,700	244,400	236	.162	.050	.122	.322	.050	.293
1959	July	346,000	174,400	371	.148	.050	.138	.244	.055	.365
1959	Aug.	179,500	159,300	652	.127	.047	.149	.164	.054	.458
1959	Sept.	103,700	96,130	682	.120	.047	.156	.158	.061	.458
1959	Oct.	178,200	156,600	646	.130	.047	.148	.164	.054	.456
1959	Nov.	151,900	126,200	611	.130	.048	.149	.171	.058	.443
1959	Dec.	106,300	106,500	737	.121	.048	.154	.150	.059	.469
1960	Jan.	95,110	91,570	708	.121	.048	.155	.154	.062	.460
1960	Feb.	101,700	93,950	679	.124	.048	.153	.159	.061	.455
1960	Mar.	320,300	266,000	611	.140	.047	.141	.169	.046	.459
1960	Apr.	533,700	258,700	356	.159	.047	.132	.242	.049	.372
1960	May	551,100	203,900	272	.165	.047	.127	.288	.053	.320
1960	June	682,500	210,500	227	.171	.046	.121	.320	.052	.290
1960	July	170,200	81,980	354	.145	.048	.142	.247	.068	.350
1960	Aug.	68,940	52,060	555	.124	.049	.156	.184	.074	.415
1960	Sept.	58,730	53,880	675	.117	.048	.158	.159	.071	.447
1960	Oct.	96,220	87,970	672	.125	.047	.154	.161	.064	.448

1960	Nov.	105,200	93,050	651	.128	.048	.152	.167	.063	.442
1960	Dec.	80,350	78,090	715	.121	.047	.156	.153	.065	.458
1961	Jan.	79,440	77,740	720	.121	.047	.157	.152	.066	.458
1961	Feb.	94,020	83,240	651	.131	.048	.153	.165	.064	.444
1961	Mar.	136,500	114,200	615	.140	.048	.144	.194	.058	.437
1961	Apr.	184,300	136,500	545	.140	.048	.144	.194	.058	.415
1961	May	341,600	160,700	346	.158	.047	.131	.257	.057	.349
1961	June	542,100	213,400	290	.169	.047	.121	.295	.052	.315
1961	July	111,600	56,600	373	.144	.046	.144	.238	.074	.353
1961	Aug.	79,500	70,830	655	.123	.047	.155	.161	.067	.447
1961	Sept.	175,300	146,700	615	.132	.048	.145	.172	.055	.447
1961	Oct.	234,200	177,500	557	.141	.051	.137	.188	.055	.427
1961	Nov.	160,700	130,100	596	.135	.051	.143	.182	.060	.429
1961	Dec.	125,700	115,800	678	.130	.051	.147	.176	.063	.433
1962	Jan.	114,400	109,400	703	.127	.050	.149	.174	.065	.435
1962	Feb.	403,100	228,700	417	.165	.050	.123	.240	.050	.373
1962	Mar.	401,000	325,100	596	.149	.053	.123	.178	.042	.455
1962	Apr.	1,093,000	613,800	413	.171	.052	.113	.219	.037	.407
1962	May	1,350,000	499,000	272	.193	.049	.106	.289	.040	.323
1962	June	1,074,000	405,300	277	.189	.049	.108	.290	.043	.322
1962	July	598,000	247,600	305	.176	.049	.117	.273	.049	.335
1962	Aug.	176,600	114,600	477	.143	.050	.140	.210	.063	.393
1962	Sept.	98,010	100,300	753	.119	.051	.148	.153	.061	.469
1962	Oct.	125,700	140,200	820	.116	.057	.157	.174	.066	.430
1962	Nov.	94,420	105,400	821	.114	.051	.159	.161	.072	.444
1962	Dec.	72,450	88,830	902	.107	.049	.164	.147	.076	.457
1963	Jan.	71,180	88,630	916	.107	.049	.164	.146	.077	.458
1963	Feb.	119,500	117,000	720	.123	.051	.153	.177	.068	.429
1963	Mar.	99,450	108,100	799	.114	.051	.159	.162	.071	.442
1963	Apr.	154,200	129,000	616	.130	.050	.148	.186	.066	.420
1963	May	398,800	207,900	383	.160	.049	.127	.240	.054	.370
1963	June	309,700	137,600	327	.162	.044	.127	.228	.059	.380
1963	July	50,710	43,960	637	.107	.040	.163	.129	.088	.473
1963	Aug.	71,960	112,700	1,150	.097	.062	.171	.150	.070	.451
1963	Sept.	94,850	118,900	922	.108	.058	.163	.163	.068	.440
1963	Oct.	47,470	63,810	988	.085	.056	.172	.131	.081	.474
1963	Nov.	73,940	93,070	926	.093	.055	.166	.136	.071	.480
1963	Dec.	84,220	98,380	859	.096	.055	.163	.142	.070	.473
1964	Jan.	108,700	119,200	806	.101	.055	.159	.148	.067	.470
1964	Feb.	113,700	114,500	741	.105	.055	.157	.157	.067	.460
1964	Mar.	128,300	112,200	643	.111	.056	.153	.176	.070	.433
1964	Apr.	189,900	162,500	629	.119	.054	.147	.178	.061	.440
1964	May	633,700	268,300	311	.162	.052	.118	.266	.051	.352
1964	June	724,900	289,900	294	.166	.051	.115	.275	.050	.343
1964	July	343,700	189,800	406	.140	.054	.132	.228	.058	.388
1964	Aug.	196,400	179,100	670	.116	.053	.147	.168	.059	.456
1964	Sept.	139,500	117,300	618	.114	.056	.151	.179	.068	.432
1964	Oct.	195,800	151,700	570	.122	.055	.142	.178	.058	.442
1964	Nov.	200,200	164,400	604	.122	.054	.142	.170	.055	.456
1964	Dec.	266,900	197,700	545	.129	.054	.138	.183	.053	.443
1965	Jan.	300,300	217,800	534	.132	.054	.137	.186	.052	.440
1965	Feb.	302,800	212,400	516	.134	.054	.135	.191	.051	.435
1965	Mar.	361,400	256,300	521	.136	.053	.134	.190	.050	.438
1965	Apr.	518,100	378,300	537	.143	.052	.129	.190	.044	.443

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 54. 09315000 Green River at Green River, Utah, water years 1929 through 1983--Continued											
1965	May	818,700	381,500	343	0.157	0.052	0.121	0.249	0.046	0.375	
1965	June	1,207,000	481,800	294	.168	.050	.114	.274	.042	.352	
1965	July	546,000	287,900	388	.146	.053	.127	.228	.049	.398	
1965	Aug.	228,200	198,900	641	.124	.053	.140	.166	.052	.465	
1965	Sept.	188,800	168,700	657	.121	.054	.142	.162	.054	.468	
1965	Oct.	252,600	206,400	601	.126	.053	.140	.173	.053	.455	
1965	Nov.	239,400	197,200	606	.125	.053	.140	.172	.053	.457	
1965	Dec.	248,000	204,200	605	.126	.053	.140	.172	.053	.456	
1966	Jan.	181,300	164,200	666	.117	.054	.145	.161	.056	.467	
1966	Feb.	165,700	146,200	649	.118	.055	.145	.164	.056	.463	
1966	Mar.	393,400	287,800	538	.140	.050	.133	.186	.046	.444	
1966	Apr.	389,800	257,300	485	.139	.053	.133	.200	.049	.426	
1966	May	565,500	311,700	405	.148	.052	.127	.225	.047	.401	
1966	June	325,400	178,300	403	.134	.056	.133	.223	.056	.397	
1966	July	146,400	121,800	612	.113	.058	.147	.170	.062	.450	
1966	Aug.	146,500	134,100	673	.112	.056	.147	.159	.059	.467	
1966	Sept.	157,400	151,800	709	.114	.054	.146	.153	.056	.476	
1966	Oct.	189,200	184,800	718	.115	.054	.147	.151	.054	.479	
1966	Nov.	159,000	163,500	756	.111	.054	.149	.146	.055	.485	
1966	Dec.	146,200	155,700	783	.109	.054	.151	.142	.056	.489	
1967	Jan.	196,200	167,800	629	.115	.056	.146	.165	.056	.461	
1967	Feb.	169,000	150,700	656	.115	.055	.147	.161	.056	.467	
1967	Mar.	255,800	237,400	683	.123	.053	.141	.158	.050	.475	
1967	Apr.	260,400	191,300	540	.124	.056	.140	.183	.054	.443	
1967	May	503,900	261,900	382	.146	.055	.125	.229	.048	.398	
1967	June	1,134,000	577,100	374	.167	.051	.113	.233	.038	.398	
1967	July	507,600	307,700	446	.140	.054	.128	.206	.046	.425	
1967	Aug.	247,200	224,500	668	.122	.054	.142	.160	.051	.472	
1967	Sept.	231,000	230,600	734	.121	.052	.142	.150	.050	.485	
1967	Oct.	249,800	252,100	742	.119	.053	.143	.150	.049	.487	
1967	Nov.	243,200	252,800	764	.119	.052	.143	.146	.048	.491	
1967	Dec.	229,400	275,400	883	.112	.047	.140	.123	.044	.534	
1968	Jan.	248,700	218,600	646	.120	.055	.142	.164	.051	.468	
1968	Feb.	196,000	185,100	695	.115	.055	.145	.156	.052	.477	
1968	Mar.	241,500	249,400	759	.119	.053	.143	.147	.049	.490	
1968	Apr.	274,800	248,500	665	.124	.054	.140	.162	.049	.472	
1968	May	708,500	359,100	373	.148	.057	.122	.236	.045	.393	
1968	June	1,248,000	423,700	250	.163	.057	.107	.300	.041	.333	
1968	July	425,600	269,700	466	.134	.057	.132	.204	.049	.425	
1968	Aug.	345,400	294,500	627	.128	.054	.137	.168	.047	.467	

1968	Sept.	240,600	214,400	655	.120	.055	.142	.163	.051	.469
1968	Oct.	230,600	220,000	702	.116	.056	.144	.158	.049	.478
1968	Nov.	221,100	206,300	686	.115	.056	.144	.161	.049	.475
1968	Dec.	208,800	179,700	633	.114	.057	.145	.171	.049	.464
1969	Jan.	282,200	227,200	592	.122	.057	.140	.180	.048	.453
1969	Feb.	312,800	250,500	589	.127	.057	.136	.181	.048	.452
1969	Mar.	354,400	323,400	671	.127	.056	.137	.163	.047	.471
1969	Apr.	657,400	438,900	491	.144	.058	.125	.204	.045	.425
1969	May	1,095,000	473,800	318	.156	.060	.112	.276	.043	.354
1969	June	684,100	359,500	386	.144	.059	.121	.242	.045	.389
1969	July	357,400	244,500	503	.126	.058	.135	.201	.048	.432
1969	Aug.	270,300	240,100	653	.120	.056	.141	.166	.048	.469
1969	Sept.	246,000	226,800	678	.118	.056	.142	.162	.048	.473
1969	Oct.	255,300	227,100	654	.122	.055	.140	.165	.047	.470
1969	Nov.	236,400	196,900	612	.122	.056	.141	.174	.047	.460
1969	Dec.	270,800	211,200	574	.124	.057	.140	.183	.047	.450
1970	Jan.	191,000	159,000	612	.118	.056	.145	.172	.047	.462
1970	Feb.	175,200	146,800	616	.119	.056	.144	.172	.047	.462
1970	Mar.	193,600	163,100	620	.119	.056	.144	.171	.047	.463
1970	Apr.	248,500	202,000	598	.123	.056	.140	.177	.047	.456
1970	May	866,600	351,100	298	.141	.061	.121	.290	.043	.345
1970	June	1,019,000	398,800	288	.144	.062	.117	.298	.043	.337
1970	July	420,300	232,500	407	.131	.059	.133	.234	.046	.396
1970	Aug.	212,000	168,600	585	.120	.056	.143	.179	.047	.454
1970	Sept.	179,400	163,300	669	.117	.055	.145	.161	.047	.475
1970	Oct.	174,400	153,900	649	.118	.054	.150	.165	.048	.466
1970	Nov.	159,200	155,800	720	.118	.053	.148	.153	.047	.482
1970	Dec.	144,800	130,300	662	.114	.053	.152	.159	.050	.472
1971	Jan.	154,400	129,900	619	.114	.053	.152	.166	.050	.465
1971	Feb.	164,900	129,000	575	.117	.054	.150	.177	.050	.451
1971	Mar.	201,700	160,200	584	.121	.054	.147	.179	.048	.450
1971	Apr.	479,200	273,500	420	.137	.057	.134	.239	.042	.391
1971	May	714,400	314,000	323	.139	.058	.128	.283	.041	.351
1971	June	1,060,000	371,300	258	.143	.058	.119	.329	.038	.313
1971	July	397,000	200,500	371	.128	.057	.138	.246	.046	.385
1971	Aug.	197,000	163,800	612	.120	.054	.148	.172	.047	.458
1971	Sept.	209,500	185,500	651	.124	.054	.146	.170	.046	.461
1971	Oct.	211,100	190,900	665	.126	.052	.146	.159	.046	.471
1971	Nov.	262,600	230,300	645	.130	.052	.142	.161	.044	.470
1971	Dec.	267,100	205,800	567	.130	.053	.144	.173	.046	.455
1972	Jan.	272,100	209,200	565	.130	.053	.144	.173	.046	.455
1972	Feb.	302,800	212,700	516	.132	.053	.142	.181	.046	.445
1972	Mar.	322,600	229,500	523	.132	.053	.142	.180	.045	.447
1972	Apr.	323,700	201,300	457	.132	.054	.143	.192	.047	.431
1972	May	635,400	275,400	319	.141	.056	.136	.229	.045	.393
1972	June	833,700	298,000	263	.144	.056	.133	.250	.044	.373
1972	July	246,500	153,600	458	.126	.054	.148	.192	.052	.428
1972	Aug.	201,500	150,100	548	.124	.053	.154	.176	.051	.447
1972	Sept.	123,500	113,000	673	.117	.052	.154	.158	.053	.467
1972	Oct.	302,500	251,500	611	.123	.054	.145	.175	.047	.455
1972	Nov.	340,500	268,600	580	.126	.054	.144	.181	.046	.449
1972	Dec.	277,200	208,500	553	.127	.054	.144	.179	.048	.449
1973	Jan.	264,200	196,200	546	.128	.054	.144	.178	.048	.448
1973	Feb.	265,400	193,700	537	.128	.054	.143	.181	.048	.445

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 54. 09315000 Green River at Green River, Utah, water years 1929 through 1983--Continued											
1973	Mar.	342,000	307,500	661	0.121	0.054	0.146	0.174	0.046	0.459	
1973	Apr.	303,000	265,700	645	.122	.054	.146	.173	.047	.458	
1973	May	1,168,000	480,200	302	.147	.054	.130	.239	.040	.389	
1973	June	1,069,000	418,100	288	.150	.054	.129	.242	.040	.384	
1973	July	520,700	315,500	446	.134	.054	.139	.200	.044	.428	
1973	Aug.	303,300	230,100	558	.127	.054	.144	.180	.047	.448	
1973	Sept.	232,500	201,400	637	.122	.054	.146	.169	.048	.460	
1973	Oct.	230,900	206,700	658	.120	.054	.144	.166	.048	.468	
1973	Nov.	255,400	214,200	617	.123	.055	.143	.171	.047	.462	
1973	Dec.	238,600	199,500	615	.123	.055	.143	.170	.048	.462	
1974	Jan.	231,000	192,800	614	.123	.055	.143	.170	.048	.462	
1974	Feb.	150,300	135,700	664	.121	.054	.146	.160	.050	.469	
1974	Mar.	300,100	241,400	592	.123	.055	.142	.176	.046	.458	
1974	Apr.	356,500	267,600	552	.124	.055	.140	.181	.046	.454	
1974	May	1,179,000	407,400	254	.151	.055	.127	.253	.040	.375	
1974	June	892,100	299,600	247	.154	.055	.128	.249	.041	.374	
1974	July	268,700	185,300	507	.129	.055	.141	.180	.047	.448	
1974	Aug.	192,400	162,900	623	.123	.055	.144	.165	.049	.463	
1974	Sept.	173,100	153,300	651	.122	.054	.145	.162	.049	.468	
1974	Oct.	228,700	204,100	656	.119	.054	.144	.173	.047	.462	
1974	Nov.	233,000	212,000	669	.118	.054	.144	.173	.047	.464	
1974	Dec.	204,800	188,000	675	.118	.054	.145	.170	.048	.464	
1975	Jan.	255,800	209,500	602	.122	.054	.143	.179	.047	.455	
1975	Feb.	258,500	200,800	571	.124	.054	.142	.184	.046	.450	
1975	Mar.	249,400	215,100	634	.120	.054	.144	.176	.047	.459	
1975	Apr.	224,200	186,400	611	.122	.054	.144	.177	.047	.456	
1975	May	652,100	297,000	335	.141	.054	.130	.228	.041	.407	
1975	June	1,253,000	441,800	259	.149	.053	.123	.257	.036	.381	
1975	July	898,600	378,400	310	.143	.053	.128	.238	.039	.400	
1975	Aug.	318,100	233,800	541	.125	.054	.140	.189	.045	.446	
1975	Sept.	170,900	162,500	699	.118	.054	.146	.166	.049	.467	
1975	Oct.	160,400	152,600	700	.122	.053	.139	.171	.046	.469	
1975	Nov.	204,600	179,800	646	.125	.053	.136	.178	.044	.464	
1975	Dec.	292,000	230,500	581	.130	.053	.134	.187	.042	.455	
1976	Jan.	258,600	203,300	578	.128	.053	.135	.187	.043	.453	
1976	Feb.	249,100	182,500	539	.128	.054	.136	.193	.044	.444	
1976	Mar.	293,600	242,000	606	.130	.053	.133	.183	.041	.460	
1976	Apr.	309,700	272,400	647	.132	.052	.131	.177	.039	.470	
1976	May	765,100	368,700	354	.143	.054	.126	.231	.038	.407	
1976	June	657,600	300,200	336	.140	.055	.128	.238	.041	.398	

1976	July	281,300	178,800	467	.128	.054	.137	.206	.046	.429
1976	Aug.	206,400	169,500	604	.125	.053	.138	.184	.046	.455
1976	Sept.	185,000	148,600	591	.124	.054	.139	.185	.047	.451
1976	Oct.	214,300	168,100	577	.126	.053	.137	.196	.045	.443
1976	Nov.	219,200	173,900	583	.127	.053	.136	.195	.044	.445
1976	Dec.	225,700	171,300	558	.127	.053	.136	.200	.045	.439
1977	Jan.	236,700	177,800	552	.128	.053	.135	.201	.044	.439
1977	Feb.	199,500	163,700	603	.126	.052	.136	.192	.044	.449
1977	Mar.	286,900	216,800	556	.130	.052	.133	.201	.042	.442
1977	Apr.	266,200	187,300	517	.130	.053	.133	.209	.043	.432
1977	May	347,400	208,600	442	.133	.054	.130	.227	.042	.415
1977	June	262,400	149,800	420	.130	.054	.132	.231	.045	.407
1977	July	183,100	158,100	635	.124	.052	.138	.184	.046	.456
1977	Aug.	169,700	149,800	649	.123	.052	.140	.183	.047	.455
1977	Sept.	140,300	119,600	626	.122	.053	.142	.186	.050	.448
1977	Oct.	116,700	106,000	668	.118	.052	.145	.169	.052	.464
1977	Nov.	116,100	103,200	653	.119	.053	.144	.172	.051	.460
1977	Dec.	118,400	108,000	671	.118	.052	.144	.170	.051	.464
1978	Jan.	126,000	108,400	633	.120	.053	.144	.177	.051	.456
1978	Feb.	124,800	107,400	633	.120	.053	.142	.179	.050	.456
1978	Mar.	248,100	218,200	647	.121	.052	.135	.194	.043	.455
1978	Apr.	374,100	251,700	495	.126	.053	.128	.238	.039	.416
1978	May	686,100	302,000	324	.131	.053	.116	.314	.035	.352
1978	June	1,074,000	349,800	240	.131	.052	.105	.377	.031	.304
1978	July	483,000	210,900	321	.130	.054	.121	.300	.038	.356
1978	Aug.	173,100	122,800	522	.124	.054	.139	.206	.048	.429
1978	Sept.	138,800	117,300	622	.120	.053	.142	.182	.049	.453
1978	Oct.	140,800	122,900	642	.114	.053	.147	.179	.051	.455
1978	Nov.	183,800	168,600	675	.111	.053	.148	.182	.048	.459
1978	Dec.	177,200	168,000	697	.110	.053	.149	.177	.049	.463
1979	Jan.	182,700	149,600	602	.116	.054	.144	.192	.048	.446
1979	Feb.	166,800	131,900	581	.117	.054	.143	.196	.048	.442
1979	Mar.	345,500	319,200	679	.108	.052	.145	.201	.042	.452
1979	Apr.	517,700	428,400	608	.109	.053	.141	.220	.038	.439
1979	May	949,900	418,800	324	.126	.053	.117	.321	.032	.351
1979	June	941,800	328,800	257	.134	.053	.108	.355	.031	.320
1979	July	403,000	195,100	356	.130	.054	.125	.275	.040	.377
1979	Aug.	213,700	169,700	584	.116	.054	.143	.199	.047	.441
1979	Sept.	149,900	125,300	615	.116	.053	.146	.185	.050	.450
1979	Oct.	150,800	134,400	655	.112	.053	.149	.166	.050	.469
1979	Nov.	180,600	154,700	630	.113	.053	.147	.177	.048	.461
1979	Dec.	166,800	142,600	629	.114	.053	.148	.172	.049	.464
1980	Jan.	206,400	168,400	600	.115	.054	.146	.184	.047	.455
1980	Feb.	304,900	241,500	582	.113	.053	.141	.210	.042	.440
1980	Mar.	268,000	243,600	669	.110	.053	.146	.186	.044	.461
1980	Apr.	350,200	260,700	548	.114	.053	.140	.216	.041	.436
1980	May	1,040,000	460,100	325	.125	.053	.118	.323	.031	.350
1980	June	1,012,000	366,100	266	.130	.053	.112	.347	.031	.328
1980	July	311,800	180,600	426	.124	.054	.135	.235	.042	.410
1980	Aug.	142,600	119,100	614	.115	.054	.149	.168	.051	.464
1980	Sept.	183,000	175,600	706	.109	.053	.149	.168	.047	.473
1980	Oct.	186,700	172,600	680	.111	.054	.152	.166	.046	.472
1980	Nov.	193,400	167,500	637	.113	.054	.150	.171	.045	.466
1980	Dec.	174,400	147,600	623	.114	.054	.150	.168	.047	.466

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 54. 09315000 Green River at Green River, Utah, water years 1929 through 1983--Continued										
1981	Jan.	137,400	128,100	686	0.112	0.053	0.153	0.157	0.049	0.475
1981	Feb.	157,100	134,500	629	.114	.054	.150	.168	.047	.466
1981	Mar.	170,100	159,200	688	.111	.053	.153	.163	.047	.474
1981	Apr.	213,800	173,500	597	.115	.054	.149	.177	.045	.461
1981	May	355,900	196,400	406	.128	.055	.137	.217	.042	.421
1981	June	458,000	187,600	301	.137	.055	.128	.248	.040	.393
1981	July	159,200	126,800	586	.118	.054	.149	.170	.048	.461
1981	Aug.	121,500	107,300	650	.115	.054	.152	.157	.051	.472
1981	Sept.	174,100	154,200	651	.113	.054	.151	.167	.046	.469
1981	Oct.	228,000	167,600	540	.123	.055	.143	.184	.045	.449
1981	Nov.	162,600	130,100	589	.120	.055	.147	.174	.048	.457
1981	Dec.	162,800	131,000	592	.119	.055	.147	.174	.048	.457
1982	Jan.	140,500	117,600	616	.118	.054	.149	.170	.049	.460
1982	Feb.	213,600	153,500	529	.124	.055	.142	.186	.045	.448
1982	Mar.	271,700	213,500	578	.122	.056	.143	.182	.044	.454
1982	Apr.	357,400	250,200	515	.126	.056	.138	.193	.042	.445
1982	May	842,000	352,900	308	.144	.056	.125	.237	.038	.401
1982	June	897,700	318,100	261	.149	.055	.122	.249	.037	.388
1982	July	482,300	217,400	331	.139	.055	.131	.222	.041	.412
1982	Aug.	230,300	169,600	542	.123	.055	.143	.183	.045	.450
1982	Sept.	266,900	209,700	578	.122	.056	.142	.182	.044	.454
1982	Oct.	473,500	318,500	495	.126	.057	.137	.202	.040	.438
1982	Nov.	380,400	269,900	522	.124	.056	.139	.197	.041	.443
1982	Dec.	333,000	221,500	489	.126	.056	.138	.201	.042	.436
1983	Jan.	223,700	163,500	537	.123	.055	.142	.192	.044	.444
1983	Feb.	257,000	187,800	537	.123	.055	.141	.193	.043	.445
1983	Mar.	442,300	324,900	540	.123	.056	.139	.195	.040	.447
1983	Apr.	419,700	302,500	530	.123	.056	.139	.196	.041	.445
1983	May	960,600	501,900	384	.135	.058	.128	.226	.037	.415
1983	June	2,258,000	882,000	287	.146	.060	.118	.257	.032	.387
1983	July	1,360,000	615,700	333	.140	.059	.124	.240	.035	.403
1983	Aug.	577,400	371,500	473	.128	.057	.135	.207	.039	.434
1983	Sept.	357,300	257,400	530	.123	.056	.140	.196	.042	.444

Site 55. 09324500 Cottonwood Creek near Orangeville, Utah, water years 1976 through 1983.

1975	Oct.	5,820	1,797	227	.197	.104	.058	.495	.023	.123
1975	Nov.	839	331	290	.170	.103	.072	.433	.029	.193
1975	Dec.	664	271	301	.166	.102	.074	.423	.030	.205

1976 Jan.	463	198	315	.160	.101	.076	.410	.031	.222
1976 Feb.	770	306	292	.169	.102	.072	.431	.029	.196
1976 Mar.	696	281	296	.167	.102	.073	.427	.030	.201
1976 Apr.	1,571	571	267	.180	.104	.067	.456	.027	.167
1976 May	7,250	2,183	222	.200	.104	.057	.501	.022	.117
1976 June	9,467	2,746	213	.204	.104	.054	.509	.021	.108
1976 July	12,060	3,412	208	.206	.104	.053	.514	.020	.103
1976 Aug.	9,078	2,662	216	.202	.104	.055	.507	.021	.111
1976 Sept.	5,207	1,621	229	.196	.104	.058	.493	.023	.125
1976 Oct.	1,756	632	265	.181	.104	.067	.458	.027	.164
1976 Nov.	473	201	313	.161	.101	.076	.412	.031	.219
1976 Dec.	591	245	305	.164	.102	.075	.419	.030	.210
1977 Jan.	391	171	322	.158	.100	.077	.403	.032	.230
1977 Feb.	252	115	336	.152	.099	.080	.390	.033	.246
1977 Mar.	316	142	330	.154	.100	.079	.396	.032	.240
1977 Apr.	670	269	295	.168	.102	.073	.428	.029	.200
1977 May	2,606	878	248	.188	.104	.063	.474	.025	.146
1977 June	2,918	976	246	.189	.104	.063	.476	.025	.143
1977 July	4,393	1,411	236	.193	.104	.060	.486	.024	.132
1977 Aug.	3,929	1,280	240	.192	.104	.061	.483	.024	.136
1977 Sept.	3,340	1,107	244	.190	.104	.062	.479	.024	.140
1977 Oct.	3,870	1,286	244	.190	.103	.061	.475	.027	.143
1977 Nov.	609	251	304	.167	.102	.077	.413	.031	.210
1977 Dec.	415	181	320	.161	.102	.080	.397	.032	.228
1978 Jan.	342	152	328	.158	.101	.082	.390	.032	.237
1978 Feb.	298	133	329	.158	.101	.082	.389	.032	.238
1978 Mar.	560	235	309	.165	.102	.078	.408	.031	.215
1978 Apr.	1,039	399	282	.175	.103	.072	.435	.030	.186
1978 May	4,243	1,390	241	.192	.103	.061	.478	.027	.139
1978 June	12,450	3,554	210	.204	.101	.052	.512	.024	.107
1978 July	9,935	2,959	219	.200	.102	.054	.502	.025	.116
1978 Aug.	7,906	2,426	226	.198	.102	.056	.495	.026	.123
1978 Sept.	6,383	2,002	231	.196	.103	.058	.490	.026	.128
1978 Oct.	7,303	2,306	232	.198	.101	.057	.495	.026	.124
1978 Nov.	775	311	295	.170	.101	.075	.424	.031	.199
1978 Dec.	384	169	324	.158	.100	.082	.393	.033	.234
1979 Jan.	268	123	338	.152	.099	.085	.378	.033	.252
1979 Feb.	204	96	345	.149	.099	.087	.371	.034	.260
1979 Mar.	441	191	319	.160	.100	.081	.399	.032	.228
1979 Apr.	1,446	539	274	.179	.102	.069	.447	.029	.174
1979 May	5,552	1,783	236	.196	.101	.058	.490	.026	.130
1979 June	24,880	6,791	201	.211	.098	.047	.531	.022	.091
1979 July	14,730	4,286	214	.205	.099	.051	.516	.024	.105
1979 Aug.	7,059	2,233	233	.197	.101	.057	.495	.026	.125
1979 Sept.	7,224	2,276	232	.198	.101	.056	.496	.026	.124
1979 Oct.	6,222	1,972	233	.195	.100	.056	.496	.025	.127
1979 Nov.	615	251	300	.172	.100	.073	.420	.028	.206
1979 Dec.	528	220	307	.170	.099	.075	.413	.028	.214
1980 Jan.	612	251	301	.172	.100	.074	.419	.028	.208
1980 Feb.	629	254	298	.173	.100	.073	.423	.028	.204
1980 Mar.	687	277	296	.174	.100	.072	.424	.028	.202
1980 Apr.	2,613	893	251	.189	.101	.062	.474	.026	.149
1980 May	9,410	2,862	224	.198	.100	.054	.508	.024	.117
1980 June	32,460	8,515	193	.207	.097	.045	.544	.022	.086

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 55. 09324500 Cottonwood Creek near Orangeville, Utah, water years 1976 through 1983--Continued										
1980	July	12,970	3,794	215	0.200	0.099	0.051	0.517	0.023	0.108
1980	Aug.	9,332	2,844	224	.198	.100	.054	.507	.024	.117
1980	Sept.	5,645	1,798	234	.195	.100	.057	.495	.025	.129
1980	Oct.	6,750	2,089	228	.195	.102	.056	.506	.023	.118
1980	Nov.	1,708	609	262	.178	.103	.065	.469	.027	.158
1980	Dec.	1,456	530	268	.175	.103	.067	.463	.028	.164
1981	Jan.	1,347	494	270	.174	.103	.067	.461	.028	.167
1981	Feb.	1,363	494	267	.176	.103	.067	.464	.028	.163
1981	Mar.	1,535	556	266	.176	.103	.066	.465	.028	.163
1981	Apr.	2,168	750	254	.182	.103	.064	.477	.026	.149
1981	May	7,490	2,294	225	.196	.102	.056	.509	.023	.115
1981	June	9,092	2,726	220	.199	.102	.054	.514	.022	.110
1981	July	6,363	1,981	229	.194	.102	.057	.505	.023	.119
1981	Aug.	6,290	1,966	230	.194	.102	.057	.504	.023	.120
1981	Sept.	4,866	1,535	232	.192	.102	.058	.501	.024	.123
1981	Oct.	3,507	1,135	238	.190	.103	.058	.501	.024	.123
1981	Nov.	1,876	620	243	.183	.104	.062	.489	.026	.137
1981	Dec.	1,607	533	244	.181	.105	.062	.486	.026	.140
1982	Jan.	1,246	417	246	.178	.105	.063	.481	.026	.146
1982	Feb.	1,734	573	243	.182	.104	.062	.489	.026	.137
1982	Mar.	1,904	629	243	.182	.104	.062	.489	.026	.137
1982	Apr.	2,291	750	241	.186	.104	.060	.495	.025	.131
1982	May	10,520	3,284	230	.204	.099	.053	.521	.022	.102
1982	June	15,590	4,791	226	.209	.097	.051	.528	.021	.093
1982	July	17,130	5,263	226	.210	.097	.051	.529	.021	.093
1982	Aug.	11,450	3,564	229	.205	.099	.053	.522	.022	.100
1982	Sept.	8,684	2,725	231	.202	.100	.054	.518	.022	.104
1982	Oct.	3,102	1,007	239	.189	.103	.059	.499	.024	.125
1982	Nov.	1,154	387	247	.177	.106	.064	.479	.027	.148
1982	Dec.	1,706	565	244	.182	.105	.062	.487	.026	.139
1983	Jan.	2,374	779	241	.185	.104	.061	.493	.025	.132
1983	Feb.	2,317	758	241	.186	.104	.060	.495	.025	.130
1983	Mar.	7,172	2,249	231	.202	.100	.054	.518	.022	.105
1983	Apr.	17,500	5,369	226	.210	.097	.050	.529	.021	.092
1983	May	19,720	6,033	225	.211	.097	.050	.531	.020	.091
1983	June	65,100	19,020	215	.227	.091	.044	.550	.018	.070
1983	July	29,230	8,792	221	.217	.095	.048	.538	.019	.083
1983	Aug.	11,550	3,595	229	.205	.099	.053	.522	.022	.100
1983	Sept.	15,730	4,844	226	.209	.098	.051	.528	.021	.094

Site 56. 09328100 San Rafael River at Bridge Campground, Utah,
water years 1976 through 1983.

1975	Oct.	5,056	16,290	2,370	.095	.060	.132	.063	.015	.635
1975	Nov.	3,318	11,710	2,590	.091	.059	.138	.057	.015	.639
1975	Dec.	2,093	8,274	2,910	.087	.058	.146	.050	.016	.643
1976	Jan.	1,537	6,606	3,160	.084	.057	.152	.045	.016	.646
1976	Feb.	3,096	11,020	2,620	.091	.059	.139	.056	.015	.640
1976	Mar.	1,581	6,636	3,090	.085	.057	.151	.047	.016	.645
1976	Apr.	1,216	5,265	3,180	.083	.057	.154	.047	.016	.645
1976	May	4,858	15,170	2,300	.095	.060	.131	.065	.015	.633
1976	June	2,947	10,570	2,640	.090	.059	.140	.056	.015	.640
1976	July	2,668	9,928	2,740	.089	.059	.142	.053	.015	.641
1976	Aug.	1,652	6,493	2,890	.086	.058	.148	.050	.016	.642
1976	Sept.	2,239	8,349	2,740	.089	.059	.143	.053	.015	.641
1976	Oct.	2,103	8,358	2,920	.087	.058	.147	.050	.016	.643
1976	Nov.	1,692	7,031	3,060	.085	.058	.150	.047	.016	.645
1976	Dec.	1,283	5,761	3,300	.082	.057	.155	.043	.016	.647
1977	Jan.	1,168	5,365	3,380	.082	.056	.157	.042	.016	.647
1977	Feb.	1,117	5,053	3,330	.082	.057	.156	.043	.016	.647
1977	Mar.	1,656	6,955	3,090	.085	.057	.150	.047	.016	.645
1977	Apr.	673	3,443	3,760	.078	.055	.165	.037	.017	.649
1977	May	531	2,923	4,050	.075	.054	.170	.034	.017	.650
1977	June	121	933	5,660	.064	.050	.196	.023	.018	.649
1977	July	1,658	4,762	2,110	.097	.060	.130	.071	.014	.627
1977	Aug.	1,398	4,524	2,380	.091	.059	.140	.062	.015	.633
1977	Sept.	1,029	3,249	2,320	.093	.059	.137	.064	.015	.632
1977	Oct.	728	2,985	3,010	.081	.056	.155	.045	.016	.646
1977	Nov.	552	2,987	3,980	.075	.054	.166	.033	.017	.654
1977	Dec.	809	3,954	3,600	.078	.055	.160	.037	.017	.652
1978	Jan.	1,123	5,024	3,290	.081	.056	.155	.041	.017	.650
1978	Feb.	1,410	5,711	2,980	.084	.057	.150	.046	.016	.647
1978	Mar.	3,620	11,210	2,280	.092	.060	.136	.062	.016	.635
1978	Apr.	1,430	5,864	3,020	.084	.057	.150	.045	.016	.647
1978	May	1,287	5,474	3,130	.083	.057	.152	.044	.016	.648
1978	June	16,950	33,600	1,460	.107	.063	.112	.098	.014	.605
1978	July	3,749	11,180	2,190	.093	.060	.134	.064	.016	.633
1978	Aug.	1,904	7,308	2,820	.086	.058	.146	.049	.016	.645
1978	Sept.	1,781	6,819	2,810	.086	.058	.147	.049	.016	.644
1978	Oct.	2,162	8,536	2,900	.078	.059	.158	.050	.017	.639
1978	Nov.	6,278	13,850	1,620	.092	.062	.149	.087	.017	.592
1978	Dec.	1,906	7,976	3,080	.076	.058	.158	.047	.017	.643
1979	Jan.	1,678	7,488	3,280	.075	.057	.159	.044	.017	.648
1979	Feb.	1,500	6,725	3,300	.074	.057	.159	.044	.017	.648
1979	Mar.	9,086	16,630	1,350	.097	.063	.145	.104	.017	.573
1979	Apr.	3,854	11,390	2,170	.086	.061	.154	.067	.017	.616
1979	May	7,819	16,520	1,550	.095	.063	.148	.092	.017	.585
1979	June	23,810	30,460	941	.110	.065	.136	.146	.017	.525
1979	July	5,772	14,430	1,840	.091	.062	.151	.079	.017	.600
1979	Aug.	4,199	11,920	2,090	.087	.061	.153	.069	.017	.613
1979	Sept.	2,172	8,470	2,870	.078	.059	.157	.051	.017	.638
1979	Oct.	2,888	10,720	2,730	.080	.059	.154	.054	.017	.636
1979	Nov.	2,709	10,230	2,780	.080	.059	.154	.053	.017	.638
1979	Dec.	2,380	9,565	2,950	.078	.058	.155	.049	.017	.643

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Ca	Mg	NaK	HCO ₃	Cl	SO ₄
			Load (tons)	Concen- tration (mg/L)						
Site 56. 09328100 San Rafael River at Bridge Campground, Utah, water years 1976 through 1983--Continued										
1980	Jan.	2,438	9,678	2,920	0.078	0.058	0.154	0.050	0.017	0.642
1980	Feb.	7,904	17,990	1,670	.091	.063	.150	.089	.017	.590
1980	Mar.	4,647	13,990	2,210	.085	.061	.153	.067	.017	.617
1980	Apr.	3,372	11,520	2,510	.082	.060	.154	.059	.017	.629
1980	May	13,880	28,490	1,510	.096	.064	.149	.100	.017	.574
1980	June	73,530	79,250	792	.109	.067	.136	.186	.017	.485
1980	July	15,160	28,570	1,390	.097	.064	.148	.108	.017	.566
1980	Aug.	4,072	13,210	2,390	.084	.060	.154	.062	.017	.624
1980	Sept.	11,240	20,850	1,360	.094	.063	.147	.109	.017	.570
1980	Oct.	6,048	16,360	1,990	.090	.062	.151	.076	.018	.604
1980	Nov.	3,669	12,170	2,440	.085	.060	.154	.062	.018	.622
1980	Dec.	3,433	11,850	2,540	.084	.060	.154	.059	.018	.625
1981	Jan.	2,606	9,980	2,820	.081	.059	.155	.053	.018	.634
1981	Feb.	2,511	9,371	2,740	.081	.059	.155	.055	.018	.632
1981	Mar.	3,088	10,950	2,610	.083	.060	.154	.058	.018	.628
1981	Apr.	1,505	7,036	3,440	.075	.057	.156	.043	.018	.650
1981	May	1,974	8,281	3,090	.078	.058	.156	.048	.018	.642
1981	June	2,396	9,244	2,840	.080	.059	.155	.053	.018	.635
1981	July	1,887	7,824	3,050	.078	.058	.156	.049	.018	.642
1981	Aug.	2,599	8,630	2,440	.082	.059	.153	.061	.018	.627
1981	Sept.	5,582	14,010	1,850	.090	.061	.150	.080	.017	.600
1981	Oct.	5,068	13,020	1,890	.092	.061	.148	.076	.019	.604
1981	Nov.	2,321	8,726	2,760	.081	.059	.154	.053	.018	.635
1981	Dec.	1,722	7,462	3,190	.077	.058	.156	.046	.018	.646
1982	Jan.	1,861	7,771	3,070	.078	.058	.156	.048	.018	.643
1982	Feb.	3,322	9,681	2,140	.087	.060	.151	.067	.018	.616
1982	Mar.	3,882	11,720	2,220	.088	.061	.151	.065	.019	.617
1982	Apr.	3,693	11,410	2,270	.087	.061	.151	.064	.019	.618
1982	May	9,160	19,050	1,530	.100	.063	.144	.093	.019	.581
1982	June	29,620	37,230	924	.117	.065	.131	.147	.019	.521
1982	July	15,870	25,500	1,180	.108	.064	.138	.118	.019	.553
1982	Aug.	8,916	19,040	1,570	.099	.063	.144	.091	.019	.583
1982	Sept.	7,470	16,580	1,630	.097	.063	.145	.087	.019	.588
1982	Oct.	6,726	16,090	1,760	.095	.062	.147	.082	.019	.595
1982	Nov.	4,302	12,420	2,120	.090	.061	.150	.068	.019	.612
1982	Dec.	3,777	11,590	2,260	.087	.060	.151	.064	.019	.618
1983	Jan.	3,840	11,430	2,190	.088	.060	.151	.066	.019	.616
1983	Feb.	7,748	16,850	1,600	.099	.063	.145	.090	.019	.585
1983	Mar.	11,580	22,110	1,400	.103	.064	.142	.101	.019	.571
1983	Apr.	18,870	29,200	1,140	.110	.065	.137	.123	.019	.546

1983 May	22,440	30,830	1,010	.112	.065	.134	.135	.019	.535
1983 June	149,900	95,730	470	.134	.064	.109	.255	.018	.421
1983 July	54,000	50,750	691	.124	.065	.123	.187	.018	.483
1983 Aug.	12,850	23,160	1,320	.105	.064	.141	.106	.019	.565
1983 Sept.	11,090	21,130	1,400	.103	.064	.142	.101	.019	.571

Site 57. 09328500 San Rafael River near Green River, Utah, water years 1947 through 1983.

1946 Oct.	2,572	10,070	2,880	.092	.053	.149	.047	.020	.639
1946 Nov.	4,661	15,220	2,400	.096	.055	.146	.056	.019	.628
1946 Dec.	3,558	12,910	2,670	.094	.054	.148	.051	.020	.634
1947 Jan.	2,309	9,759	3,110	.090	.053	.150	.044	.021	.642
1947 Feb.	5,338	16,520	2,280	.097	.055	.145	.060	.019	.624
1947 Mar.	4,092	14,340	2,580	.095	.054	.147	.053	.020	.632
1947 Apr.	3,306	12,280	2,730	.093	.054	.148	.050	.020	.635
1947 May	32,980	55,700	1,240	.110	.059	.132	.106	.016	.577
1947 June	25,900	47,330	1,340	.108	.059	.134	.098	.017	.584
1947 July	4,677	15,400	2,420	.096	.055	.146	.056	.019	.628
1947 Aug.	19,510	33,970	1,280	.107	.058	.134	.102	.017	.583
1947 Sept.	2,910	11,040	2,790	.092	.054	.148	.049	.020	.637
1947 Oct.	1,980	8,730	3,240	.089	.052	.151	.042	.021	.645
1947 Nov.	3,489	12,630	2,660	.094	.054	.148	.051	.020	.634
1947 Dec.	3,977	13,720	2,540	.095	.054	.147	.053	.020	.631
1948 Jan.	3,074	11,730	2,810	.093	.054	.148	.048	.020	.636
1948 Feb.	6,357	18,140	2,100	.098	.056	.144	.064	.019	.620
1948 Mar.	7,129	24,880	2,570	.092	.053	.150	.052	.018	.633
1948 Apr.	3,824	14,070	2,710	.093	.054	.149	.050	.020	.635
1948 May	16,550	24,580	1,090	.111	.059	.127	.118	.017	.567
1948 June	13,260	27,270	1,510	.104	.057	.138	.087	.018	.596
1948 July	1,836	7,947	3,180	.089	.052	.151	.043	.021	.644
1948 Aug.	5,466	12,400	1,670	.100	.056	.141	.079	.018	.606
1948 Sept.	8	34	3,300	.103	.058	.133	.043	.030	.633
1948 Oct.	858	4,543	3,890	.087	.050	.153	.035	.022	.654
1948 Nov.	1,720	8,142	3,480	.089	.052	.152	.039	.021	.648
1948 Dec.	2,118	9,241	3,210	.091	.053	.149	.043	.021	.643
1949 Jan.	1,922	8,607	3,290	.091	.052	.150	.041	.021	.645
1949 Feb.	2,420	9,011	2,740	.096	.054	.145	.050	.021	.635
1949 Mar.	8,882	27,810	2,300	.091	.056	.150	.060	.018	.625
1949 Apr.	9,929	21,930	1,620	.105	.058	.136	.082	.018	.601
1949 May	30,250	38,300	931	.120	.063	.117	.137	.016	.547
1949 June	51,830	62,490	887	.116	.063	.119	.145	.015	.541
1949 July	13,520	34,180	1,860	.094	.058	.147	.075	.017	.610
1949 Aug.	4,818	15,180	2,320	.089	.054	.151	.059	.019	.628
1949 Sept.	2,542	10,720	3,100	.084	.052	.158	.044	.019	.643
1949 Oct.	2,892	12,290	3,120	.085	.056	.154	.047	.019	.639
1949 Nov.	3,178	13,040	3,020	.086	.056	.153	.049	.019	.637
1949 Dec.	2,483	11,390	3,370	.083	.055	.156	.044	.019	.642
1950 Jan.	2,410	11,290	3,440	.082	.055	.157	.043	.019	.643
1950 Feb.	6,206	17,920	2,120	.096	.058	.143	.067	.018	.617
1950 Mar.	5,328	17,070	2,360	.093	.058	.146	.061	.018	.624
1950 Apr.	3,324	13,280	2,940	.087	.057	.152	.050	.019	.635
1950 May	8,676	20,750	1,760	.100	.059	.139	.078	.018	.606
1950 June	10,490	23,840	1,670	.103	.060	.137	.082	.018	.601

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 57. 09328500 San Rafael River near Green River, Utah, water years 1947 through 1983--Continued											
1950	July	8,521	19,800	1,710	0.100	0.059	0.139	0.079	0.018	0.605	
1950	Aug.	606	4,748	5,760	.067	.051	.172	.027	.020	.663	
1950	Sept.	1,028	5,453	3,900	.077	.054	.162	.038	.019	.650	
1950	Oct.	1,055	7,188	5,010	.069	.053	.166	.033	.018	.661	
1950	Nov.	2,182	11,850	3,990	.075	.053	.164	.040	.018	.650	
1950	Dec.	2,797	12,910	3,390	.080	.055	.160	.047	.018	.640	
1951	Jan.	2,460	11,540	3,450	.080	.056	.160	.047	.018	.640	
1951	Feb.	2,850	11,120	2,870	.085	.057	.156	.056	.018	.628	
1951	Mar.	2,253	11,480	3,750	.077	.054	.162	.043	.018	.646	
1951	Apr.	1,210	7,910	4,810	.071	.053	.166	.035	.018	.658	
1951	May	14,600	28,980	1,460	.095	.053	.151	.088	.018	.596	
1951	June	23,080	36,530	1,160	.111	.060	.137	.119	.018	.556	
1951	July	2,717	11,220	3,040	.083	.057	.157	.053	.018	.633	
1951	Aug.	11,890	26,060	1,610	.096	.055	.150	.083	.018	.598	
1951	Sept.	1,176	6,246	3,900	.076	.057	.160	.043	.018	.645	
1951	Oct.	5,645	22,420	2,920	.083	.050	.162	.048	.018	.639	
1951	Nov.	3,715	17,130	3,390	.079	.054	.161	.045	.018	.642	
1951	Dec.	2,916	14,160	3,570	.078	.054	.162	.044	.018	.644	
1952	Jan.	2,828	11,750	3,060	.081	.057	.158	.050	.018	.634	
1952	Feb.	5,082	17,600	2,550	.087	.057	.155	.060	.019	.622	
1952	Mar.	13,710	39,880	2,140	.092	.053	.155	.065	.018	.617	
1952	Apr.	24,100	57,630	1,760	.096	.053	.152	.077	.018	.605	
1952	May	92,590	83,490	663	.125	.059	.121	.183	.017	.495	
1952	June	128,000	116,500	670	.125	.056	.124	.175	.017	.503	
1952	July	19,520	36,430	1,370	.103	.058	.143	.100	.018	.577	
1952	Aug.	11,810	34,710	2,160	.091	.052	.156	.064	.018	.619	
1952	Sept.	4,860	19,010	2,880	.084	.055	.159	.053	.018	.632	
1952	Oct.	3,457	16,770	3,570	.078	.053	.162	.044	.019	.644	
1952	Nov.	3,523	17,270	3,600	.077	.053	.163	.043	.019	.645	
1952	Dec.	4,106	16,040	2,870	.085	.055	.156	.053	.019	.633	
1953	Jan.	5,685	18,340	2,370	.092	.056	.151	.063	.019	.620	
1953	Feb.	6,617	21,600	2,400	.090	.056	.153	.062	.019	.620	
1953	Mar.	5,709	18,940	2,440	.090	.056	.152	.061	.019	.622	
1953	Apr.	3,390	14,970	3,250	.082	.054	.159	.047	.019	.639	
1953	May	2,216	11,520	3,820	.077	.053	.162	.041	.019	.649	
1953	June	31,050	43,300	1,030	.114	.058	.132	.127	.018	.551	
1953	July	5,050	18,690	2,720	.085	.055	.157	.055	.019	.629	
1953	Aug.	8,589	29,810	2,550	.083	.056	.160	.060	.018	.623	
1953	Sept.	1,531	7,373	3,540	.082	.053	.157	.043	.020	.646	
1953	Oct.	3,578	16,260	3,340	.080	.055	.160	.046	.019	.641	

1953	Nov.	17,220	3,080	.083	.055	.156	.049	.019	.637
1953	Dec.	13,030	3,130	.085	.054	.155	.048	.020	.638
1954	Jan.	12,070	2,460	.094	.054	.148	.059	.020	.625
1954	Feb.	17,540	2,410	.091	.055	.150	.061	.019	.624
1954	Mar.	14,900	3,080	.084	.055	.156	.049	.020	.637
1954	Apr.	12,190	3,070	.086	.054	.154	.048	.020	.638
1954	May	20,260	1,930	.096	.055	.145	.074	.019	.611
1954	June	5,859	3,280	.086	.054	.153	.045	.021	.641
1954	July	5,750	3,570	.078	.054	.161	.042	.020	.645
1954	Aug.	3,099	3,460	.080	.054	.160	.043	.020	.643
1954	Sept.	13,770	2,680	.081	.056	.158	.058	.018	.628
1954	Oct.	8,888	2,880	.087	.054	.152	.050	.021	.636
1954	Nov.	1,704	3,840	.081	.054	.158	.038	.021	.649
1954	Dec.	2,325	3,360	.084	.054	.155	.044	.021	.643
1955	Jan.	2,089	2,680	.094	.053	.146	.052	.021	.632
1955	Feb.	2,017	2,520	.097	.053	.145	.055	.021	.629
1955	Mar.	6,442	2,280	.092	.054	.148	.064	.019	.622
1955	Apr.	2,527	3,150	.086	.054	.153	.046	.021	.640
1955	May	3,529	2,210	.096	.053	.145	.063	.020	.622
1955	June	14,530	1,930	.098	.053	.143	.072	.020	.613
1955	July	1,686	4,050	.086	.052	.152	.034	.023	.652
1955	Aug.	10,330	2,550	.090	.054	.150	.056	.020	.629
1955	Sept.	2,975	4,240	.095	.049	.143	.029	.027	.656
1955	Oct.	1,109	5,210	.075	.053	.157	.028	.024	.664
1955	Nov.	5,474	3,960	.082	.053	.155	.036	.022	.652
1955	Dec.	2,237	3,100	.088	.053	.152	.046	.021	.640
1956	Jan.	10,550	2,590	.095	.054	.148	.054	.021	.628
1956	Feb.	9,515	2,490	.096	.054	.147	.056	.021	.626
1956	Mar.	2,707	2,690	.094	.054	.148	.052	.021	.630
1956	Apr.	1,295	3,780	.083	.053	.154	.038	.022	.650
1956	May	11,550	1,170	.115	.054	.133	.108	.019	.571
1956	June	7,850	1,360	.112	.054	.135	.095	.020	.583
1956	July	4,099	3,340	.085	.052	.154	.042	.021	.646
1956	Aug.	2,760	2,900	.090	.054	.150	.048	.022	.636
1956	Sept.	1,371	15,400	.053	.050	.163	.010	.030	.694
1956	Oct.	388	5,430	.071	.053	.159	.027	.024	.667
1956	Nov.	4,739	4,620	.076	.052	.157	.031	.022	.662
1956	Dec.	5,217	3,860	.081	.054	.155	.037	.023	.651
1957	Jan.	6,417	2,900	.088	.056	.151	.049	.023	.633
1957	Feb.	12,500	2,520	.093	.052	.150	.052	.020	.633
1957	Mar.	12,160	3,540	.084	.050	.154	.037	.020	.655
1957	Apr.	7,649	4,060	.080	.051	.156	.034	.021	.658
1957	May	8,706	2,340	.095	.049	.149	.053	.018	.636
1957	June	94,500	588	.129	.056	.118	.189	.017	.492
1957	July	36,590	1,130	.111	.054	.136	.107	.018	.573
1957	Aug.	34,650	1,990	.100	.049	.147	.061	.017	.626
1957	Sept.	4,171	2,350	.094	.056	.149	.056	.020	.628
1957	Oct.	31,740	2,330	.093	.050	.154	.053	.018	.633
1957	Nov.	51,460	1,780	.100	.051	.151	.066	.017	.616
1957	Dec.	15,700	2,360	.095	.053	.148	.056	.019	.629
1958	Jan.	4,899	2,250	.097	.053	.146	.059	.019	.625
1958	Feb.	7,525	1,930	.101	.053	.145	.067	.019	.615
1958	Mar.	5,839	2,470	.093	.052	.150	.053	.019	.633
1958	Apr.	13,240	1,200	.112	.054	.135	.101	.019	.579

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 57. 09328500 San Rafael River near Green River, Utah, water years 1947 through 1983--Continued											
1958	May	65,650	65,470	733	0.127	0.054	0.123	0.151	0.017	0.527	
1958	June	57,080	54,420	701	.129	.054	.121	.159	.017	.520	
1958	July	2,104	7,663	2,680	.091	.053	.148	.050	.020	.637	
1958	Aug.	4,284	16,140	2,770	.087	.050	.157	.045	.018	.643	
1958	Sept.	4,206	14,970	2,620	.091	.051	.153	.049	.019	.638	
1958	Oct.	1,371	7,237	3,880	.079	.050	.155	.033	.019	.663	
1958	Nov.	2,458	8,963	2,680	.089	.052	.150	.047	.019	.643	
1958	Dec.	3,719	12,710	2,510	.091	.053	.149	.050	.019	.638	
1959	Jan.	2,626	9,627	2,700	.089	.052	.150	.047	.019	.643	
1959	Feb.	3,876	11,910	2,260	.093	.053	.147	.056	.019	.631	
1959	Mar.	2,932	12,220	3,060	.085	.052	.153	.042	.019	.650	
1959	Apr.	1,632	7,242	3,260	.084	.051	.152	.039	.019	.654	
1959	May	1,024	5,034	3,620	.081	.051	.153	.035	.020	.661	
1959	June	2,175	7,415	2,510	.091	.053	.148	.050	.020	.638	
1959	July	113	685	4,460	.081	.050	.149	.028	.022	.671	
1959	Aug.	643	2,526	2,890	.088	.052	.149	.043	.020	.648	
1959	Sept.	1,218	3,891	2,350	.091	.053	.150	.054	.019	.634	
1959	Oct.	687	3,606	3,860	.085	.051	.149	.035	.020	.660	
1959	Nov.	1,759	7,134	2,980	.092	.050	.145	.044	.019	.650	
1959	Dec.	1,472	6,163	3,080	.091	.050	.146	.042	.020	.650	
1960	Jan.	1,408	6,279	3,280	.089	.050	.147	.040	.020	.653	
1960	Feb.	1,926	6,851	2,620	.097	.050	.143	.049	.020	.642	
1960	Mar.	7,623	22,280	2,150	.103	.048	.137	.059	.018	.635	
1960	Apr.	3,074	10,060	2,410	.099	.049	.141	.053	.019	.639	
1960	May	7,591	16,870	1,630	.109	.047	.133	.072	.018	.621	
1960	June	11,180	17,740	1,170	.122	.046	.126	.095	.017	.595	
1960	July	145	766	3,890	.084	.052	.153	.034	.022	.656	
1960	Aug.	24	166	5,160	.075	.053	.160	.026	.025	.661	
1960	Sept.	1,190	2,929	1,810	.108	.048	.134	.067	.018	.624	
1960	Oct.	7,617	19,000	1,830	.114	.047	.128	.069	.016	.626	
1960	Nov.	2,071	8,760	3,110	.095	.049	.142	.043	.020	.652	
1960	Dec.	1,827	7,130	2,870	.096	.050	.143	.046	.020	.646	
1961	Jan.	1,950	7,182	2,710	.097	.050	.143	.048	.020	.642	
1961	Feb.	2,561	8,220	2,360	.101	.049	.141	.055	.019	.635	
1961	Mar.	2,471	11,270	3,350	.094	.049	.141	.040	.019	.658	
1961	Apr.	1,904	8,469	3,270	.093	.049	.141	.040	.019	.657	
1961	May	2,989	9,129	2,250	.099	.049	.139	.056	.019	.637	
1961	June	1,914	5,557	2,130	.102	.050	.142	.059	.020	.629	
1961	July	19	206	7,860	.068	.054	.169	.021	.027	.661	
1961	Aug.	7,175	19,450	1,990	.110	.047	.130	.064	.017	.631	

1961	Sept.	18,370	50,900	2,040	.117	.045	.122	.064	.015	.637
1961	Oct.	3,078	11,180	2,670	.104	.047	.136	.050	.019	.644
1961	Nov.	3,658	13,220	2,660	.105	.048	.134	.049	.018	.646
1961	Dec.	2,073	8,072	2,860	.100	.048	.140	.048	.019	.645
1962	Jan.	2,424	8,325	2,530	.103	.047	.139	.054	.019	.637
1962	Feb.	7,698	18,920	1,810	.120	.043	.127	.063	.017	.630
1962	Mar.	5,534	16,710	2,220	.111	.045	.131	.056	.018	.638
1962	Apr.	11,450	18,190	1,170	.130	.041	.123	.090	.016	.599
1962	May	28,580	33,140	853	.144	.038	.116	.115	.015	.572
1962	June	36,890	44,290	883	.145	.038	.114	.105	.015	.583
1962	July	7,363	17,570	1,750	.119	.044	.128	.065	.017	.628
1962	Aug.	3,807	3,863	3,520	.091	.050	.146	.043	.021	.649
1962	Sept.	3,424	8,444	1,810	.121	.054	.126	.059	.017	.634
1962	Oct.	4,140	16,560	2,940	.089	.054	.151	.057	.018	.632
1962	Nov.	2,297	11,010	3,530	.087	.053	.151	.051	.018	.640
1962	Dec.	2,212	10,720	3,560	.087	.053	.151	.050	.018	.640
1963	Jan.	2,043	10,430	3,750	.085	.053	.152	.048	.019	.643
1963	Feb.	3,995	12,940	2,380	.099	.054	.144	.072	.017	.613
1963	Mar.	2,160	11,040	3,760	.085	.053	.152	.048	.019	.644
1963	Apr.	925	5,298	4,210	.084	.052	.151	.045	.019	.647
1963	May	5,911	12,660	1,580	.109	.054	.137	.101	.016	.582
1963	June	10,160	22,170	1,600	.109	.055	.138	.099	.016	.583
1963	July	541	2,099	2,850	.097	.053	.144	.065	.019	.622
1963	Aug.	9,265	19,880	1,580	.105	.055	.140	.095	.016	.588
1963	Sept.	6,456	21,930	2,500	.093	.055	.149	.066	.017	.621
1963	Oct.	1,178	5,680	3,550	.087	.052	.152	.048	.020	.641
1963	Nov.	1,595	7,426	3,420	.087	.053	.151	.050	.019	.640
1963	Dec.	1,720	8,126	3,470	.086	.053	.152	.049	.019	.641
1964	Jan.	1,426	5,849	3,020	.093	.053	.148	.057	.020	.629
1964	Feb.	2,297	7,888	2,530	.098	.054	.145	.066	.020	.617
1964	Mar.	3,072	10,880	2,600	.095	.055	.146	.064	.019	.621
1964	Apr.	1,379	7,007	3,740	.084	.052	.153	.046	.019	.646
1964	May	15,280	28,830	1,390	.105	.059	.135	.105	.016	.579
1964	June	19,910	34,230	1,260	.115	.059	.130	.119	.017	.560
1964	July	3,866	12,250	2,330	.094	.056	.146	.068	.018	.618
1964	Aug.	6,206	18,920	2,240	.090	.058	.147	.068	.016	.621
1964	Sept.	1,425	3,971	2,050	.099	.055	.143	.076	.019	.608
1964	Oct.	140	937	4,910	.077	.043	.163	.026	.021	.669
1964	Nov.	1,210	6,152	3,740	.079	.050	.161	.039	.019	.653
1964	Dec.	3,104	11,050	2,620	.087	.054	.154	.056	.018	.632
1965	Jan.	3,554	12,470	2,580	.090	.053	.153	.056	.018	.630
1965	Feb.	3,106	10,270	2,430	.093	.053	.151	.059	.018	.626
1965	Mar.	3,219	11,410	2,610	.090	.053	.153	.055	.018	.631
1965	Apr.	5,520	15,430	2,050	.095	.054	.149	.067	.018	.617
1965	May	17,910	28,480	1,170	.113	.056	.134	.113	.016	.568
1965	June	77,170	80,400	766	.124	.058	.120	.166	.015	.518
1965	July	38,170	55,230	1,060	.112	.058	.132	.123	.016	.559
1965	Aug.	15,790	32,640	1,520	.102	.057	.141	.092	.017	.590
1965	Sept.	5,086	17,290	2,500	.088	.055	.153	.058	.018	.628
1965	Oct.	4,003	15,550	2,860	.084	.053	.155	.050	.018	.640
1965	Nov.	4,637	19,670	3,120	.079	.056	.157	.049	.018	.641
1965	Dec.	5,129	15,150	2,170	.095	.052	.148	.059	.017	.629
1966	Jan.	2,973	10,090	2,500	.092	.051	.151	.051	.017	.638
1966	Feb.	3,491	10,250	2,160	.098	.051	.147	.057	.017	.630

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 57. 09328500 San Rafael River near Green River, Utah, water years 1947 through 1983--Continued											
1966	Mar.	8,394	24,850	2,180	0.093	0.054	0.147	0.066	0.017	0.623	
1966	Apr.	4,461	11,880	1,960	.101	.051	.145	.061	.017	.625	
1966	May	4,310	15,900	2,710	.086	.054	.153	.053	.018	.636	
1966	June	1,672	6,999	3,080	.085	.051	.157	.042	.018	.648	
1966	July	1,725	7,933	3,380	.078	.054	.159	.044	.018	.647	
1966	Aug.	553	2,670	3,550	.080	.048	.162	.034	.018	.658	
1966	Sept.	1,729	5,043	2,140	.093	.051	.150	.060	.017	.630	
1966	Oct.	1,468	6,769	3,390	.078	.051	.162	.037	.018	.653	
1966	Nov.	1,315	3,667	2,050	.097	.047	.154	.041	.016	.646	
1966	Dec.	2,408	8,723	2,660	.087	.050	.155	.046	.017	.645	
1967	Jan.	1,164	5,202	3,290	.080	.050	.162	.036	.017	.654	
1967	Feb.	1,976	7,121	2,650	.088	.049	.156	.043	.017	.647	
1967	Mar.	2,124	9,234	3,200	.080	.051	.160	.040	.018	.650	
1967	Apr.	708	3,746	3,890	.074	.051	.167	.031	.018	.658	
1967	May	5,301	13,610	1,890	.098	.050	.144	.067	.016	.625	
1967	June	22,220	44,320	1,470	.111	.047	.135	.079	.015	.612	
1967	July	6,688	19,000	2,090	.097	.049	.147	.057	.016	.634	
1967	Aug.	2,967	9,175	2,270	.092	.049	.151	.053	.016	.638	
1967	Sept.	5,050	15,880	2,310	.091	.051	.149	.059	.017	.633	
1967	Oct.	2,148	9,232	3,160	.080	.051	.160	.037	.016	.657	
1967	Nov.	2,176	8,952	3,030	.080	.051	.159	.037	.016	.656	
1967	Dec.	1,841	9,053	3,620	.075	.051	.162	.033	.016	.662	
1968	Jan.	1,636	7,364	3,310	.078	.050	.161	.034	.016	.661	
1968	Feb.	2,448	9,449	2,840	.083	.051	.157	.040	.016	.652	
1968	Mar.	2,590	12,540	3,560	.075	.051	.161	.036	.016	.660	
1968	Apr.	2,390	10,520	3,240	.078	.051	.160	.037	.016	.657	
1968	May	6,070	21,300	2,580	.084	.053	.153	.051	.017	.641	
1968	June	25,360	32,820	952	.124	.053	.126	.108	.017	.571	
1968	July	6,000	19,560	2,400	.088	.054	.150	.055	.017	.636	
1968	Aug.	11,040	32,530	2,170	.091	.055	.145	.069	.018	.623	
1968	Sept.	3,876	14,790	2,810	.083	.052	.155	.045	.017	.648	
1968	Oct.	5,393	21,720	2,960	.080	.053	.156	.047	.017	.648	
1968	Nov.	2,704	10,320	2,810	.078	.052	.160	.039	.016	.656	
1968	Dec.	2,352	10,210	3,190	.074	.051	.162	.035	.015	.662	
1969	Jan.	3,213	11,620	2,660	.080	.053	.158	.042	.016	.651	
1969	Feb.	2,912	9,956	2,510	.082	.053	.158	.044	.016	.648	
1969	Mar.	8,616	30,200	2,580	.086	.054	.151	.057	.018	.635	
1969	Apr.	12,570	22,620	1,320	.103	.056	.141	.085	.018	.596	
1969	May	37,680	38,760	756	.125	.058	.123	.142	.020	.533	
1969	June	32,220	45,620	1,040	.115	.057	.129	.119	.020	.559	

1969	July	7,702	20,000	1,910	.092	.055	.149	.062	.017	.625
1969	Aug.	8,987	28,820	2,360	.089	.054	.148	.067	.018	.624
1969	Sept.	6,421	20,900	2,390	.086	.054	.152	.055	.017	.636
1969	Oct.	4,211	13,950	2,430	.084	.053	.154	.045	.016	.647
1969	Nov.	3,644	12,650	2,550	.083	.053	.155	.043	.015	.651
1969	Dec.	3,666	12,740	2,560	.083	.053	.155	.043	.015	.651
1970	Jan.	1,983	8,968	3,320	.075	.050	.160	.031	.014	.671
1970	Feb.	3,788	12,390	2,400	.085	.053	.154	.046	.016	.646
1970	Mar.	2,424	10,040	3,050	.078	.051	.158	.034	.014	.665
1970	Apr.	13,540	8,667	3,330	.075	.050	.160	.031	.014	.671
1970	May	47,930	24,460	1,330	.101	.059	.139	.095	.019	.588
1970	June	47,930	57,460	882	.114	.062	.124	.151	.022	.526
1970	July	8,815	21,370	1,780	.094	.057	.147	.066	.018	.619
1970	Aug.	3,731	12,300	2,420	.084	.053	.154	.045	.016	.648
1970	Sept.	3,781	11,740	2,280	.084	.053	.153	.050	.016	.645
1970	Oct.	3,314	11,560	2,560	.087	.053	.151	.056	.017	.638
1970	Nov.	3,035	11,030	2,670	.085	.053	.151	.055	.017	.639
1970	Dec.	2,852	10,620	2,740	.086	.052	.151	.053	.017	.641
1971	Jan.	1,587	7,144	3,310	.084	.050	.152	.045	.017	.651
1971	Feb.	2,029	8,139	2,950	.085	.051	.152	.050	.017	.645
1971	Mar.	3,261	11,710	2,640	.085	.053	.152	.056	.017	.638
1971	Apr.	2,749	10,080	2,700	.086	.052	.151	.053	.017	.641
1971	May	4,114	13,800	2,470	.085	.054	.151	.059	.017	.633
1971	June	5,183	12,820	1,820	.097	.053	.144	.065	.016	.625
1971	July	5,453	17,690	2,380	.081	.059	.155	.069	.016	.620
1971	Aug.	4,183	13,090	2,300	.087	.054	.150	.061	.016	.631
1971	Sept.	2,378	9,278	2,870	.085	.052	.151	.051	.017	.644
1971	Oct.	5,349	17,030	2,340	.085	.053	.155	.062	.017	.628
1971	Nov.	4,068	13,950	2,520	.087	.053	.153	.059	.017	.630
1971	Dec.	1,884	8,065	3,150	.086	.052	.152	.051	.018	.640
1972	Jan.	2,029	8,595	3,110	.087	.052	.152	.052	.018	.640
1972	Feb.	3,031	11,050	2,680	.088	.053	.153	.057	.018	.632
1972	Mar.	3,152	11,580	2,700	.088	.053	.153	.057	.018	.633
1972	Apr.	1,583	7,236	3,360	.086	.052	.153	.049	.018	.644
1972	May	2,132	9,139	3,150	.086	.052	.153	.051	.018	.641
1972	June	3,160	12,960	3,020	.082	.053	.156	.052	.017	.640
1972	July	1,416	5,957	3,090	.090	.051	.150	.052	.018	.639
1972	Aug.	1,000	5,262	3,870	.085	.051	.152	.044	.018	.650
1972	Sept.	781	4,187	3,940	.086	.051	.151	.044	.018	.650
1972	Oct.	8,836	20,680	1,720	.088	.056	.153	.076	.018	.610
1972	Nov.	3,703	13,450	2,670	.085	.055	.153	.058	.018	.631
1972	Dec.	1,894	8,257	3,210	.085	.055	.151	.052	.019	.638
1973	Jan.	1,597	6,840	3,150	.088	.054	.150	.053	.019	.636
1973	Feb.	2,499	7,679	2,260	.095	.055	.148	.066	.020	.617
1973	Mar.	17,660	56,190	2,340	.073	.056	.164	.060	.015	.634
1973	Apr.	4,493	15,770	2,580	.084	.055	.154	.059	.018	.630
1973	May	28,550	31,710	817	.109	.055	.140	.126	.019	.551
1973	June	51,290	60,630	869	.100	.056	.146	.120	.018	.560
1973	July	9,810	27,280	2,040	.085	.056	.155	.068	.017	.620
1973	Aug.	4,304	14,650	2,500	.087	.055	.152	.061	.018	.627
1973	Sept.	3,993	13,820	2,540	.087	.055	.152	.060	.018	.627
1973	Oct.	4,723	15,870	2,470	.088	.056	.151	.062	.019	.625
1973	Nov.	3,293	14,180	3,170	.081	.055	.155	.051	.018	.639
1973	Dec.	2,493	11,350	3,350	.082	.055	.155	.051	.019	.638

Table 7.---Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin---Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 57. 09328500 San Rafael River near Green River, Utah, water years 1947 through 1983--Continued										
1974	Jan.	2,009	8,939	3,270	0.084	0.056	0.153	0.054	0.020	0.633
1974	Feb.	1,866	7,917	3,120	.086	.056	.152	.056	.020	.630
1974	Mar.	3,063	13,200	3,170	.082	.055	.155	.052	.019	.638
1974	Apr.	2,035	8,920	3,220	.084	.056	.153	.054	.020	.633
1974	May	3,461	13,150	2,790	.085	.056	.153	.057	.019	.631
1974	June	4,360	14,300	2,410	.089	.056	.151	.063	.019	.622
1974	July	4,800	18,510	2,840	.081	.054	.156	.052	.017	.640
1974	Aug.	2,559	9,780	2,810	.088	.057	.151	.060	.020	.625
1974	Sept.	2,249	8,839	2,890	.088	.057	.151	.059	.020	.626
1974	Oct.	4,550	18,110	2,930	.082	.056	.155	.057	.017	.633
1974	Nov.	4,322	18,740	3,190	.079	.055	.157	.055	.017	.637
1974	Dec.	1,801	9,104	3,720	.079	.056	.155	.052	.019	.639
1975	Jan.	1,547	7,615	3,620	.081	.056	.153	.053	.020	.637
1975	Feb.	2,364	9,493	2,950	.085	.057	.151	.059	.019	.629
1975	Mar.	3,049	13,130	3,170	.082	.056	.154	.056	.018	.634
1975	Apr.	1,706	7,042	3,040	.086	.057	.150	.059	.020	.629
1975	May	2,878	11,570	2,960	.084	.057	.152	.058	.019	.631
1975	June	31,260	44,630	1,050	.104	.059	.139	.099	.016	.583
1975	July	27,750	44,280	1,170	.102	.059	.141	.094	.016	.589
1975	Aug.	4,979	14,830	2,190	.091	.058	.147	.069	.018	.616
1975	Sept.	5,375	15,310	2,090	.092	.058	.147	.071	.018	.615
1975	Oct.	3,949	13,730	2,560	.100	.053	.136	.062	.018	.631
1975	Nov.	3,289	12,460	2,790	.097	.053	.138	.060	.018	.635
1975	Dec.	1,839	7,664	3,060	.094	.053	.142	.055	.019	.637
1976	Jan.	1,414	6,115	3,180	.093	.053	.144	.054	.020	.637
1976	Feb.	2,745	10,650	2,850	.096	.053	.139	.059	.018	.635
1976	Mar.	1,432	6,171	3,170	.093	.053	.143	.054	.020	.637
1976	Apr.	904	4,131	3,360	.091	.053	.146	.051	.021	.638
1976	May	2,297	10,100	3,230	.092	.053	.141	.055	.019	.640
1976	June	2,225	8,741	2,890	.096	.053	.140	.057	.019	.635
1976	July	1,841	7,483	2,990	.095	.053	.141	.056	.019	.635
1976	Aug.	1,359	5,845	3,160	.093	.053	.143	.054	.020	.637
1976	Sept.	1,628	6,596	2,980	.095	.053	.142	.056	.019	.635
1976	Oct.	1,922	8,141	3,110	.094	.053	.141	.055	.020	.636
1976	Nov.	1,700	7,374	3,190	.093	.053	.142	.055	.021	.637
1976	Dec.	1,388	6,082	3,220	.093	.053	.142	.054	.021	.637
1977	Jan.	1,168	5,180	3,260	.093	.053	.143	.053	.022	.637
1977	Feb.	1,160	5,032	3,190	.094	.053	.142	.054	.021	.636
1977	Mar.	1,507	6,496	3,170	.094	.053	.142	.054	.021	.636
1977	Apr.	407	1,940	3,510	.093	.052	.146	.049	.024	.637

1977 May	228	1,263	4,060	.088	.052	.152	.044	.025	.638
1977 June	65	368	4,190	.089	.050	.155	.041	.029	.636
1977 July	2,560	9,042	2,600	.096	.054	.134	.065	.017	.633
1977 Aug.	2,171	7,134	2,420	.098	.054	.132	.068	.017	.631
1977 Sept.	895	3,338	2,740	.096	.054	.137	.061	.019	.633
1977 Oct.	304	1,338	3,230	.093	.052	.145	.051	.024	.635
1977 Nov.	338	1,641	3,570	.092	.052	.148	.047	.025	.636
1977 Dec.	727	3,358	3,400	.091	.053	.147	.050	.024	.636
1978 Jan.	901	3,898	3,180	.093	.052	.145	.052	.024	.635
1978 Feb.	1,232	4,677	2,790	.096	.052	.141	.056	.023	.632
1978 Mar.	4,877	17,640	2,660	.092	.055	.139	.061	.020	.633
1978 Apr.	998	4,489	3,310	.090	.053	.146	.051	.023	.636
1978 May	1,430	6,126	3,150	.091	.053	.144	.053	.023	.636
1978 June	21,970	53,210	1,780	.102	.055	.129	.076	.017	.621
1978 July	8,466	27,050	2,350	.094	.055	.135	.067	.019	.630
1978 Aug.	859	3,586	3,070	.095	.052	.144	.053	.024	.634
1978 Sept.	431	1,942	3,320	.094	.052	.146	.050	.025	.635
1978 Oct.	4,897	14,810	2,220	.081	.060	.156	.078	.021	.604
1978 Nov.	11,920	31,420	1,940	.079	.062	.158	.092	.020	.590
1978 Dec.	1,490	5,774	2,850	.084	.056	.153	.060	.023	.625
1979 Jan.	1,162	4,545	2,880	.088	.055	.150	.057	.024	.626
1979 Feb.	1,995	7,040	2,590	.086	.057	.151	.064	.023	.618
1979 Mar.	14,280	36,810	1,900	.078	.063	.158	.094	.019	.588
1979 Apr.	5,405	17,360	2,360	.080	.059	.157	.074	.021	.608
1979 May	5,268	14,420	2,010	.086	.060	.152	.083	.021	.598
1979 June	24,480	49,660	1,490	.084	.063	.154	.112	.019	.569
1979 July	4,017	12,220	2,240	.086	.059	.152	.075	.022	.606
1979 Aug.	2,791	9,254	2,440	.086	.058	.152	.069	.022	.613
1979 Sept.	1,349	5,055	2,760	.088	.056	.150	.060	.023	.623
1979 Oct.	2,380	8,929	2,760	.082	.058	.154	.057	.022	.627
1979 Nov.	2,473	8,595	2,560	.084	.058	.153	.061	.022	.623
1979 Dec.	1,813	7,443	3,020	.080	.058	.154	.051	.022	.635
1980 Jan.	3,291	11,400	2,550	.083	.058	.154	.064	.022	.619
1980 Feb.	8,525	23,100	1,990	.086	.058	.153	.092	.022	.589
1980 Mar.	5,671	19,330	2,510	.081	.057	.157	.069	.022	.614
1980 Apr.	3,314	11,310	2,510	.084	.058	.153	.065	.022	.618
1980 May	14,360	34,830	1,780	.091	.059	.151	.100	.021	.577
1980 June	70,810	102,200	1,060	.100	.059	.140	.175	.020	.506
1980 July	16,450	35,690	1,600	.093	.059	.149	.113	.021	.565
1980 Aug.	4,758	14,900	2,300	.086	.059	.153	.072	.022	.608
1980 Sept.	12,260	26,790	1,610	.090	.058	.149	.115	.021	.566
1980 Oct.	7,926	20,560	1,910	.093	.058	.148	.084	.021	.596
1980 Nov.	4,838	15,170	2,310	.089	.058	.151	.067	.021	.614
1980 Dec.	3,267	11,450	2,580	.086	.058	.151	.058	.021	.625
1981 Jan.	2,652	9,957	2,760	.084	.057	.152	.054	.022	.631
1981 Feb.	2,870	10,130	2,600	.086	.058	.151	.058	.021	.626
1981 Mar.	3,318	11,850	2,630	.085	.057	.152	.058	.021	.627
1981 Apr.	1,714	7,271	3,120	.081	.057	.153	.046	.022	.642
1981 May	1,386	6,565	3,480	.078	.056	.154	.041	.022	.650
1981 June	1,448	6,318	3,210	.080	.057	.152	.044	.022	.645
1981 July	2,384	8,873	2,740	.083	.057	.152	.055	.022	.631
1981 Aug.	2,388	8,799	2,710	.082	.055	.153	.058	.021	.630
1981 Sept.	8,174	20,310	1,830	.093	.058	.148	.089	.020	.591
1981 Oct.	5,937	14,280	1,770	.093	.061	.147	.078	.021	.601

Table 7.---Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 57. 09328500 San Rafael River near Green River, Utah, water years 1947 through 1983--Continued										
1981	Nov.	2,618	9,467	2,660	0.088	0.058	0.150	0.056	0.022	0.627
1981	Dec.	1,837	7,825	3,130	.085	.056	.150	.048	.023	.637
1982	Jan.	1,976	8,114	3,020	.086	.057	.150	.050	.023	.635
1982	Feb.	3,576	10,350	2,130	.090	.059	.149	.066	.022	.615
1982	Mar.	4,007	12,460	2,290	.089	.058	.150	.063	.022	.618
1982	Apr.	3,203	10,370	2,380	.090	.059	.149	.061	.022	.620
1982	May	7,720	16,480	1,570	.096	.062	.145	.087	.021	.590
1982	June	32,360	36,490	829	.104	.066	.136	.148	.018	.529
1982	July	16,760	25,560	1,120	.099	.064	.141	.115	.019	.562
1982	Aug.	8,533	18,640	1,610	.095	.062	.146	.086	.020	.591
1982	Sept.	9,590	18,930	1,450	.095	.062	.145	.092	.020	.586
1982	Oct.	7,051	16,760	1,750	.093	.059	.145	.081	.020	.602
1982	Nov.	4,302	12,910	2,210	.088	.058	.147	.068	.020	.619
1982	Dec.	3,497	11,800	2,480	.084	.056	.149	.061	.020	.630
1983	Jan.	3,624	11,350	2,300	.086	.057	.147	.065	.020	.625
1983	Feb.	8,957	18,060	1,480	.100	.062	.142	.095	.020	.583
1983	Mar.	13,570	22,880	1,240	.105	.064	.138	.111	.020	.563
1983	Apr.	22,060	27,450	915	.114	.067	.130	.144	.019	.526
1983	May	26,970	31,780	866	.114	.065	.131	.145	.019	.526
1983	June	164,900	83,320	372	.133	.067	.107	.268	.016	.408
1983	July	59,330	44,830	556	.124	.067	.119	.203	.018	.469
1983	Aug.	15,030	24,790	1,210	.104	.062	.139	.110	.019	.565
1983	Sept.	11,270	22,140	1,450	.099	.060	.144	.094	.019	.584
Site 58. 09333500 Dirty Devil River above Poison Spring, Utah, water years 1969 through 1976.										
1968	Oct.	2,410	6,298	1,920	.154	.036	.118	.050	.084	.558
1968	Nov.	4,514	8,803	1,430	.158	.035	.118	.063	.090	.535
1968	Dec.	5,250	9,619	1,350	.159	.035	.118	.067	.091	.531
1969	Jan.	7,662	11,890	1,140	.160	.034	.118	.076	.095	.517
1969	Feb.	7,539	11,330	1,100	.161	.034	.118	.078	.096	.514
1969	Mar.	9,741	13,680	1,030	.161	.034	.118	.082	.097	.508
1969	Apr.	4,921	9,060	1,350	.158	.035	.118	.066	.091	.531
1969	May	7,307	11,060	1,110	.160	.034	.118	.077	.095	.516
1969	June	6,982	10,300	1,080	.159	.034	.118	.079	.094	.516
1969	July	4,705	8,220	1,280	.157	.035	.118	.069	.091	.531
1969	Aug.	3,814	7,138	1,380	.156	.035	.118	.065	.089	.537
1969	Sept.	5,546	8,660	1,150	.158	.034	.118	.075	.093	.522

1969	Oct.	3,701	7,811	1,550	.157	.035	.118	.059	.088	.543
1969	Nov.	5,633	9,988	1,300	.159	.035	.118	.068	.092	.528
1969	Dec.	7,059	11,460	1,190	.160	.034	.118	.073	.094	.520
1970	Jan.	8,271	12,360	1,100	.160	.034	.118	.078	.096	.514
1970	Feb.	7,426	11,290	1,120	.160	.034	.118	.077	.095	.515
1970	Mar.	7,512	11,840	1,160	.160	.034	.118	.075	.095	.518
1970	Apr.	8,225	11,440	1,558	.158	.035	.118	.063	.089	.537
1970	May	3,806	8,085	1,560	.157	.035	.118	.059	.088	.542
1970	June	3,572	7,354	1,510	.157	.035	.118	.061	.088	.542
1970	July	2,154	5,630	1,920	.154	.036	.118	.050	.083	.560
1970	Aug.	3,384	6,403	1,390	.155	.035	.117	.065	.087	.541
1970	Sept.	1,732	5,160	2,190	.153	.036	.118	.045	.081	.568
1970	Oct.	3,836	7,738	1,480	.151	.035	.125	.063	.101	.525
1970	Nov.	5,588	9,601	1,260	.156	.035	.121	.070	.098	.520
1970	Dec.	6,801	11,020	1,190	.158	.034	.120	.073	.096	.518
1971	Jan.	5,221	9,141	1,290	.155	.035	.122	.069	.098	.521
1971	Feb.	7,303	11,040	1,110	.161	.034	.118	.077	.095	.515
1971	Mar.	7,234	11,390	1,160	.159	.034	.119	.075	.096	.517
1971	Apr.	3,160	6,573	1,530	.150	.035	.126	.061	.102	.526
1971	May	750	2,563	2,510	.133	.037	.138	.043	.112	.538
1971	June	190	982	3,800	.120	.038	.147	.031	.120	.544
1971	July	525	1,273	1,780	.143	.036	.130	.055	.105	.530
1971	Aug.	4,214	5,591	976	.162	.034	.116	.085	.094	.509
1971	Sept.	1,535	4,335	2,080	.139	.036	.133	.049	.108	.534
1971	Oct.	4,157	7,264	1,280	.142	.036	.141	.073	.115	.494
1971	Nov.	6,375	10,170	1,170	.157	.035	.121	.081	.098	.508
1971	Dec.	4,935	8,436	1,260	.148	.036	.132	.074	.108	.502
1972	Jan.	5,595	9,535	1,250	.151	.036	.128	.074	.104	.508
1972	Feb.	7,674	10,980	1,050	.164	.034	.112	.093	.091	.505
1972	Mar.	5,149	8,970	1,280	.149	.036	.131	.072	.107	.506
1972	Apr.	1,345	4,082	2,230	.106	.038	.189	.031	.155	.480
1972	May	82	726	6,490	.045	.034	.308	.005	.258	.349
1972	June	449	1,261	2,060	.105	.037	.196	.035	.162	.464
1972	July	1,197	2,458	1,510	.125	.036	.166	.058	.136	.478
1972	Aug.	2,523	4,070	1,190	.131	.034	.162	.083	.134	.456
1972	Sept.	2,475	5,320	1,580	.126	.037	.162	.054	.133	.488
1972	Oct.	3,370	4,055	880	.174	.034	.090	.087	.062	.553
1973	Nov.	7,012	4,623	485	.177	.036	.069	.156	.045	.518
1973	Dec.	8,598	4,967	425	.177	.036	.064	.176	.041	.506
1974	Jan.	8,364	4,908	432	.176	.036	.065	.174	.042	.507
1974	Feb.	8,646	4,583	390	.176	.036	.061	.190	.039	.498
1974	Mar.	9,912	5,095	378	.175	.036	.061	.195	.039	.495
1974	Apr.	6,639	4,576	507	.177	.036	.070	.149	.046	.521
1974	May	3,695	4,132	822	.175	.034	.087	.093	.060	.550
1974	June	317	1,943	4,500	.130	.023	.165	.014	.139	.529
1974	July	1,003	1,223	897	.152	.029	.119	.083	.095	.522
1974	Aug.	133	715	3,950	.122	.021	.177	.016	.161	.503
1974	Sept.	764	2,413	2,320	.151	.027	.132	.031	.102	.557
1974	Oct.	6,643	8,964	992	.161	.036	.116	.097	.105	.485
1974	Nov.	7,210	9,405	959	.161	.036	.116	.101	.106	.481
1974	Dec.	3,447	6,630	1,410	.162	.034	.121	.061	.101	.521
1975	Jan.	2,602	5,560	1,570	.161	.033	.122	.054	.098	.533
1975	Feb.	4,376	7,271	1,220	.162	.035	.119	.074	.104	.506
1975	Mar.	8,946	11,450	942	.162	.037	.116	.102	.108	.476

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 58. 09333500 Dirty Devil River above Poison Spring, Utah, water years 1969 through 1976--Continued										
1975	Apr.	8,077	10,610	966	0.162	0.037	0.116	0.099	0.107	0.479
1975	May	9,769	11,880	894	.161	.037	.115	.108	.108	.470
1975	June	8,364	10,770	946	.162	.037	.116	.101	.107	.477
1975	July	4,693	7,485	1,170	.161	.035	.119	.078	.103	.504
1975	Aug.	890	3,132	2,590	.156	.028	.124	.028	.089	.574
1975	Sept.	2,174	4,836	1,640	.160	.032	.122	.051	.097	.537
1975	Oct.	3,759	6,995	1,370	.162	.034	.121	.064	.102	.518
1975	Nov.	5,187	8,298	1,180	.163	.035	.119	.077	.104	.502
1975	Dec.	8,468	10,990	954	.162	.037	.116	.100	.107	.478
1976	Jan.	6,516	9,514	1,070	.162	.036	.118	.087	.106	.492
1976	Feb.	9,703	11,570	877	.161	.038	.114	.111	.109	.467
1976	Mar.	7,119	10,030	1,040	.162	.036	.117	.090	.106	.487
1976	Apr.	4,598	7,675	1,230	.162	.035	.119	.073	.103	.507
1976	May	5,244	7,555	1,060	.160	.035	.117	.090	.103	.495
1976	June	340	1,469	3,180	.152	.026	.124	.021	.083	.593
1976	July	295	954	2,380	.155	.028	.124	.032	.089	.572
1976	Aug.	568	1,271	1,650	.159	.032	.122	.051	.096	.540
1976	Sept.	2,120	4,195	1,450	.160	.033	.121	.060	.099	.527
Site 59. 093335000 Colorado River at Hite, Utah, water years 1951 through 1956.										
1950	Oct.	302,700	447,700	1,090	.110	.048	.159	.102	.120	.462
1950	Nov.	333,200	458,400	1,010	.114	.049	.157	.108	.116	.457
1950	Dec.	364,900	487,000	981	.115	.049	.156	.111	.114	.455
1951	Jan.	276,700	428,800	1,140	.108	.048	.160	.097	.122	.465
1951	Feb.	327,300	435,400	978	.115	.049	.156	.111	.115	.455
1951	Mar.	374,000	492,600	969	.116	.049	.156	.112	.114	.454
1951	Apr.	522,400	559,000	787	.126	.050	.150	.132	.104	.438
1951	May	1,526,000	906,600	437	.155	.051	.130	.204	.078	.383
1951	June	2,504,000	1,133,000	333	.168	.050	.119	.247	.065	.350
1951	July	1,215,000	827,700	501	.149	.051	.135	.186	.083	.396
1951	Aug.	694,800	640,600	678	.133	.050	.146	.148	.097	.426
1951	Sept.	342,700	459,900	987	.114	.049	.157	.109	.116	.455
1951	Oct.	380,900	494,200	954	.116	.049	.156	.113	.113	.453
1951	Nov.	372,300	482,400	953	.117	.049	.155	.113	.113	.452
1951	Dec.	298,900	442,700	1,090	.110	.048	.159	.101	.120	.462
1952	Jan.	353,900	476,500	990	.114	.049	.157	.109	.115	.456
1952	Feb.	317,000	440,900	1,020	.113	.048	.157	.107	.116	.457
1952	Mar.	357,400	482,300	992	.115	.049	.157	.110	.115	.455

1952 Apr.	1,849,000	962,200	383	.160	.050	.125	.223	.072	.369
1952 May	4,241,000	1,462,000	254	.179	.049	.107	.293	.054	.317
1952 June	4,237,000	1,427,000	248	.180	.049	.106	.297	.054	.315
1952 July	1,242,000	826,300	489	.149	.051	.134	.188	.083	.395
1952 Aug.	685,300	646,300	694	.133	.050	.146	.146	.097	.427
1952 Sept.	451,600	524,100	853	.122	.049	.152	.124	.108	.444
1952 Oct.	324,200	459,500	1,040	.114	.048	.155	.103	.114	.464
1952 Nov.	337,900	459,800	1,000	.116	.049	.154	.107	.112	.461
1952 Dec.	338,400	467,300	1,020	.115	.049	.155	.106	.113	.463
1953 Jan.	350,800	476,200	998	.116	.049	.154	.107	.112	.461
1953 Feb.	321,400	433,300	991	.117	.049	.154	.108	.112	.461
1953 Mar.	413,300	512,900	913	.121	.049	.152	.116	.108	.454
1953 Apr.	452,800	525,700	854	.124	.050	.150	.122	.105	.449
1953 May	975,100	739,900	558	.142	.051	.138	.169	.089	.412
1953 June	2,668,000	1,739,000	327	.167	.051	.118	.250	.065	.349
1953 July	813,900	695,000	628	.138	.051	.142	.156	.092	.422
1953 Aug.	535,200	570,600	784	.127	.050	.148	.130	.102	.442
1953 Sept.	236,400	388,200	1,210	.107	.047	.159	.091	.121	.475
1953 Oct.	270,900	406,900	1,100	.112	.048	.159	.098	.119	.464
1953 Nov.	351,500	445,400	932	.120	.048	.154	.112	.113	.451
1953 Dec.	286,400	419,600	1,080	.114	.048	.158	.100	.118	.462
1954 Jan.	276,200	413,900	1,100	.113	.048	.159	.099	.119	.463
1954 Feb.	282,000	392,500	1,020	.116	.048	.157	.105	.116	.458
1954 Mar.	339,600	448,600	972	.119	.048	.155	.109	.115	.454
1954 Apr.	465,300	492,500	778	.128	.049	.149	.128	.108	.438
1954 May	1,058,000	678,700	472	.148	.049	.133	.182	.092	.395
1954 June	628,600	548,800	642	.135	.049	.144	.147	.102	.423
1954 July	510,000	520,400	750	.129	.049	.148	.132	.107	.435
1954 Aug.	239,700	391,600	1,200	.109	.047	.161	.092	.121	.469
1954 Sept.	306,800	417,500	1,000	.116	.048	.157	.106	.116	.457
1954 Oct.	379,300	442,100	857	.125	.047	.153	.118	.113	.443
1954 Nov.	303,100	400,200	971	.120	.047	.156	.108	.117	.452
1954 Dec.	227,500	367,500	1,190	.112	.046	.161	.093	.123	.465
1955 Jan.	212,800	359,300	1,240	.111	.046	.161	.090	.125	.468
1955 Feb.	210,600	335,900	1,170	.113	.046	.160	.094	.123	.464
1955 Mar.	506,100	484,100	703	.132	.047	.149	.134	.108	.430
1955 Apr.	587,400	500,600	627	.136	.048	.146	.145	.104	.421
1955 May	1,396,000	704,000	371	.156	.048	.130	.206	.087	.374
1955 June	1,376,000	687,500	368	.156	.048	.129	.208	.087	.373
1955 July	489,100	473,700	712	.130	.047	.149	.132	.109	.432
1955 Aug.	357,600	432,800	890	.124	.047	.154	.115	.114	.446
1955 Sept.	192,300	338,000	1,290	.109	.046	.162	.087	.126	.470
1955 Oct.	197,400	350,500	1,310	.109	.046	.162	.087	.126	.470
1955 Nov.	256,100	376,500	1,080	.116	.047	.159	.100	.120	.459
1955 Dec.	297,200	405,200	1,000	.119	.047	.157	.105	.118	.454
1956 Jan.	328,200	420,100	941	.121	.047	.155	.110	.116	.450
1956 Feb.	243,300	361,200	1,116	.116	.046	.159	.099	.121	.460
1956 Mar.	468,500	468,300	735	.129	.047	.150	.130	.110	.434
1956 Apr.	781,400	556,100	523	.143	.048	.140	.165	.098	.406
1956 May	1,923,000	784,300	300	.162	.047	.123	.234	.081	.354
1956 June	2,230,000	801,600	264	.165	.046	.119	.250	.077	.342
1956 July	500,400	482,800	710	.131	.047	.131	.134	.108	.431
1956 Aug.	308,100	409,100	976	.120	.047	.156	.107	.117	.453
1956 Sept.	160,500	318,500	1,460	.105	.045	.165	.080	.129	.477

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 60. 09352900 Vallecito Creek near Bayfield, Colo., water years 1963 through 1983.										
1962	Oct.	3,868	244	46	0.267	0.047	0.030	0.384	0.038	0.234
1962	Nov.	2,519	166	48	.268	.046	.032	.396	.034	.225
1962	Dec.	1,511	105	51	.269	.044	.034	.410	.030	.213
1963	Jan.	1,289	91	52	.270	.043	.035	.415	.029	.209
1963	Feb.	1,109	79	52	.270	.043	.035	.416	.028	.208
1963	Mar.	2,384	153	47	.267	.046	.031	.391	.036	.229
1963	Apr.	8,037	465	43	.264	.049	.027	.362	.046	.253
1963	May	28,050	1,431	38	.256	.053	.023	.327	.061	.281
1963	June	11,020	619	41	.262	.050	.026	.353	.049	.259
1963	July	5,361	325	45	.266	.048	.029	.374	.041	.243
1963	Aug.	6,762	399	43	.264	.049	.028	.367	.044	.248
1963	Sept.	6,276	374	44	.265	.048	.028	.369	.043	.246
1963	Oct.	2,307	153	49	.269	.045	.032	.399	.033	.222
1963	Nov.	1,619	111	51	.269	.044	.034	.408	.030	.215
1963	Dec.	1,144	82	53	.270	.043	.036	.418	.028	.206
1964	Jan.	821	61	54	.270	.042	.037	.426	.025	.199
1964	Feb.	672	51	55	.270	.041	.038	.430	.025	.196
1964	Mar.	811	60	55	.270	.042	.037	.427	.025	.199
1964	Apr.	2,400	156	48	.268	.046	.032	.393	.035	.227
1964	May	23,630	1,199	37	.256	.053	.023	.326	.062	.282
1964	June	15,280	827	40	.260	.051	.025	.344	.053	.268
1964	July	7,986	465	43	.264	.049	.027	.363	.045	.251
1964	Aug.	7,736	449	43	.264	.049	.027	.362	.046	.252
1964	Sept.	5,201	315	45	.266	.048	.029	.374	.041	.242
1964	Oct.	2,499	160	47	.258	.053	.034	.400	.028	.227
1964	Nov.	1,349	93	51	.262	.048	.032	.407	.033	.219
1964	Dec.	1,232	86	51	.263	.047	.032	.408	.034	.217
1965	Jan.	1,279	89	52	.263	.047	.032	.407	.033	.218
1965	Feb.	1,111	78	52	.263	.047	.032	.408	.034	.217
1965	Mar.	1,240	87	52	.263	.047	.032	.408	.033	.217
1965	Apr.	9,537	494	38	.246	.069	.040	.379	.019	.247
1965	May	22,900	1,120	36	.241	.075	.043	.372	.017	.254
1965	June	44,170	2,014	34	.235	.082	.045	.363	.014	.261
1965	July	33,690	1,591	35	.238	.078	.044	.367	.015	.258
1965	Aug.	11,770	625	39	.247	.067	.040	.381	.020	.246
1965	Sept.	10,590	572	40	.248	.066	.039	.383	.020	.244
1965	Oct.	7,418	358	36	.250	.063	.041	.397	.018	.231
1965	Nov.	3,152	172	40	.255	.051	.045	.402	.014	.233
1965	Dec.	2,295	132	42	.257	.046	.047	.403	.013	.234
1966	Jan.	1,644	100	44	.259	.043	.049	.405	.011	.234
1966	Feb.	1,129	71	46	.260	.039	.050	.406	.010	.235

1966	Mar.	2,380	134	41	.256	.049	.046	.403	.013	.233
1966	Apr.	8,710	408	34	.249	.067	.040	.395	.019	.230
1966	May	31,530	1,220	28	.239	.092	.034	.383	.028	.224
1966	June	25,540	1,019	29	.241	.088	.034	.385	.026	.225
1966	July	11,270	511	33	.247	.071	.039	.393	.021	.229
1966	Aug.	6,230	304	36	.251	.063	.041	.397	.018	.231
1966	Sept.	4,096	213	38	.253	.056	.043	.400	.016	.232
1966	Oct.	2,731	158	42	.253	.058	.040	.418	.021	.210
1966	Nov.	1,422	90	46	.245	.063	.042	.420	.018	.211
1966	Dec.	1,698	105	45	.247	.062	.042	.420	.019	.211
1967	Jan.	1,111	73	48	.242	.065	.043	.421	.017	.211
1967	Feb.	924	61	49	.241	.066	.044	.421	.017	.211
1967	Mar.	2,150	128	44	.250	.060	.041	.419	.020	.210
1967	Apr.	4,812	256	39	.260	.054	.037	.416	.025	.208
1967	May	23,690	1,007	31	.279	.044	.032	.407	.036	.203
1967	June	17,760	793	33	.275	.046	.033	.409	.033	.204
1967	July	8,979	441	36	.267	.050	.035	.413	.028	.206
1967	Aug.	9,249	446	36	.268	.050	.035	.412	.029	.206
1967	Sept.	4,487	241	40	.259	.055	.038	.416	.024	.208
1967	Oct.	2,122	127	44	.252	.058	.040	.422	.021	.208
1967	Nov.	1,014	67	49	.243	.064	.043	.422	.017	.210
1967	Dec.	879	59	50	.241	.066	.044	.423	.016	.210
1968	Jan.	887	60	50	.241	.066	.044	.423	.016	.210
1968	Feb.	942	63	49	.242	.065	.043	.423	.017	.210
1968	Mar.	1,567	97	46	.249	.060	.041	.421	.019	.209
1968	Apr.	3,763	209	41	.260	.053	.038	.419	.024	.206
1968	May	22,180	955	32	.283	.041	.031	.409	.038	.198
1968	June	47,240	1,872	29	.291	.037	.028	.405	.044	.195
1968	July	15,970	733	34	.278	.044	.032	.412	.034	.200
1968	Aug.	14,350	661	34	.277	.044	.032	.412	.034	.200
1968	Sept.	2,557	149	43	.255	.056	.039	.420	.022	.207
1968	Oct.	2,241	133	44	.251	.062	.039	.426	.025	.197
1968	Nov.	1,490	93	46	.246	.066	.040	.428	.023	.197
1968	Dec.	1,004	66	49	.240	.071	.042	.429	.021	.198
1969	Jan.	942	63	49	.239	.072	.042	.429	.020	.198
1969	Feb.	924	61	49	.240	.071	.042	.429	.021	.198
1969	Mar.	1,035	68	49	.240	.071	.042	.429	.021	.198
1969	Apr.	7,843	370	35	.273	.047	.033	.417	.035	.193
1969	May	35,190	1,434	30	.288	.038	.030	.410	.044	.190
1969	June	30,630	1,277	31	.286	.039	.030	.411	.043	.191
1969	July	22,380	974	32	.282	.042	.031	.413	.040	.192
1969	Aug.	8,059	403	37	.268	.050	.034	.420	.032	.195
1969	Sept.	10,250	488	35	.273	.047	.033	.418	.035	.194
1969	Oct.	8,214	441	40	.251	.050	.047	.442	.012	.199
1969	Nov.	4,483	259	42	.252	.050	.051	.449	.010	.188
1969	Dec.	2,281	145	47	.254	.050	.058	.457	.008	.173
1970	Jan.	1,484	100	49	.254	.050	.063	.462	.007	.164
1970	Feb.	1,129	77	50	.255	.051	.064	.463	.006	.161
1970	Mar.	1,236	85	50	.255	.051	.065	.464	.006	.161
1970	Apr.	2,938	176	44	.253	.050	.055	.452	.009	.181
1970	May	31,540	1,402	33	.244	.049	.036	.419	.020	.232
1970	June	22,890	1,070	34	.246	.049	.038	.426	.017	.223
1970	July	9,662	505	38	.250	.050	.045	.439	.013	.204
1970	Aug.	7,135	386	40	.251	.050	.047	.442	.012	.198

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 60. 09352900 Vallecito Creek near Bayfield, Colo., water years 1963 through 1983--Continued										
1970	Sept.	27,060	1,152	31	0.242	0.048	0.035	0.414	0.023	0.238
1970	Oct.	4,330	262	44	.255	.050	.047	.431	.014	.203
1970	Nov.	2,551	165	48	.255	.050	.050	.437	.013	.195
1970	Dec.	1,688	116	50	.256	.050	.053	.442	.012	.188
1971	Jan.	1,412	99	52	.256	.050	.054	.444	.012	.185
1971	Feb.	1,295	91	52	.256	.050	.054	.444	.012	.185
1971	Mar.	2,200	140	47	.255	.050	.050	.435	.013	.196
1971	Apr.	8,051	443	41	.254	.050	.043	.422	.015	.215
1971	May	14,090	718	38	.253	.050	.041	.415	.016	.225
1971	June	26,370	1,239	34	.252	.051	.038	.406	.017	.237
1971	July	10,290	549	39	.254	.050	.042	.419	.015	.219
1971	Aug.	4,770	282	43	.255	.050	.046	.429	.014	.206
1971	Sept.	3,334	206	46	.255	.050	.048	.433	.013	.200
1971	Oct.	5,217	312	44	.252	.050	.048	.426	.016	.209
1971	Nov.	4,056	250	45	.253	.050	.049	.426	.015	.207
1971	Dec.	2,259	152	50	.254	.051	.051	.428	.015	.201
1972	Jan.	1,468	105	53	.255	.052	.052	.428	.015	.198
1972	Feb.	1,071	80	55	.256	.052	.053	.429	.015	.195
1972	Mar.	4,858	290	44	.252	.050	.048	.426	.016	.209
1972	Apr.	10,510	553	39	.250	.049	.045	.424	.016	.216
1972	May	23,360	1,119	35	.248	.048	.043	.422	.017	.222
1972	June	17,080	846	36	.249	.048	.044	.423	.017	.220
1972	July	4,951	297	44	.252	.050	.048	.426	.016	.208
1972	Aug.	2,876	186	48	.254	.051	.050	.427	.015	.204
1972	Sept.	6,020	346	42	.251	.050	.047	.425	.016	.211
1972	Oct.	17,210	823	35	.248	.048	.046	.407	.020	.231
1972	Nov.	5,748	326	42	.254	.049	.048	.408	.020	.221
1972	Dec.	2,834	180	47	.257	.050	.049	.409	.020	.214
1973	Jan.	2,116	140	49	.258	.051	.049	.409	.020	.212
1973	Feb.	1,472	101	50	.260	.051	.050	.410	.020	.209
1973	Mar.	1,728	118	50	.259	.051	.050	.410	.020	.210
1973	Apr.	3,398	203	44	.255	.050	.048	.409	.020	.217
1973	May	33,830	1,472	32	.245	.047	.045	.406	.020	.237
1973	June	51,530	2,131	30	.243	.047	.045	.405	.020	.240
1973	July	28,420	1,274	33	.246	.048	.045	.406	.020	.235
1973	Aug.	9,426	502	39	.251	.049	.047	.408	.020	.225
1973	Sept.	5,909	333	41	.253	.049	.048	.408	.020	.221
1973	Oct.	2,229	140	46	.259	.050	.052	.411	.019	.210
1973	Nov.	1,069	74	51	.262	.050	.052	.410	.018	.208
1973	Dec.	897	63	52	.262	.050	.052	.410	.018	.208

1974	Jan.	872	62	52	.262	.050	.052	.410	.018	.208
1974	Feb.	734	53	53	.263	.050	.052	.410	.018	.207
1974	Mar.	1,936	122	46	.260	.050	.052	.411	.019	.210
1974	Apr.	4,370	246	42	.257	.049	.052	.412	.019	.212
1974	May	20,930	972	34	.253	.048	.052	.413	.019	.216
1974	June	13,000	642	36	.254	.048	.052	.413	.019	.215
1974	July	7,521	398	39	.256	.048	.052	.412	.019	.213
1974	Aug.	5,705	310	40	.256	.049	.052	.412	.019	.213
1974	Sept.	2,051	129	46	.260	.050	.052	.411	.019	.210
1974	Oct.	2,795	159	42	.259	.050	.050	.406	.016	.219
1974	Nov.	3,184	177	41	.259	.050	.050	.405	.016	.220
1974	Dec.	1,277	81	47	.260	.050	.049	.413	.016	.212
1975	Jan.	962	64	49	2.6.	.5.	.4.	4.1.	.1.	2.1.
1975	Feb.	883	59	49	.260	.050	.049	.415	.015	.210
1975	Mar.	1,394	88	46	.260	.050	.049	.413	.016	.213
1975	Apr.	3,076	169	40	.259	.050	.050	.405	.016	.220
1975	May	21,740	913	31	.258	.049	.051	.389	.017	.235
1975	June	51,410	1,934	28	.258	.049	.052	.382	.018	.241
1975	July	31,880	1,279	30	.258	.049	.052	.386	.017	.238
1975	Aug.	8,019	392	36	.259	.050	.051	.398	.017	.227
1975	Sept.	4,653	244	38	.259	.050	.050	.402	.016	.223
1975	Oct.	1,565	97	46	.261	.054	.049	.392	.013	.231
1975	Nov.	997	66	48	.260	.055	.048	.394	.013	.230
1975	Dec.	1,018	67	49	.260	.055	.048	.394	.013	.229
1976	Jan.	783	54	50	.260	.056	.048	.395	.013	.229
1976	Feb.	823	56	50	.260	.055	.048	.394	.013	.229
1976	Mar.	1,825	109	44	.261	.054	.049	.392	.013	.231
1976	Apr.	6,317	314	36	.261	.052	.050	.388	.014	.235
1976	May	26,560	1,065	30	.262	.050	.052	.383	.014	.239
1976	June	29,430	1,159	29	.262	.050	.052	.382	.014	.240
1976	July	9,291	438	35	.261	.052	.051	.386	.014	.236
1976	Aug.	6,434	319	36	.261	.052	.050	.388	.014	.235
1976	Sept.	5,911	294	37	.261	.052	.050	.388	.014	.235
1976	Oct.	4,717	233	36	.259	.054	.044	.361	.015	.268
1976	Nov.	1,275	80	46	.259	.057	.045	.373	.013	.253
1976	Dec.	608	44	53	.259	.058	.045	.380	.013	.245
1977	Jan.	585	42	53	.259	.059	.045	.381	.013	.244
1977	Feb.	468	35	55	.259	.059	.045	.382	.013	.243
1977	Mar.	560	41	54	.259	.059	.045	.381	.013	.244
1977	Apr.	3,655	183	37	.259	.054	.044	.362	.014	.267
1977	May	8,509	382	33	.258	.052	.044	.356	.015	.274
1977	June	9,059	394	32	.258	.052	.044	.355	.015	.276
1977	July	5,691	265	34	.258	.053	.044	.359	.015	.271
1977	Aug.	5,980	279	34	.258	.053	.044	.359	.015	.271
1977	Sept.	4,737	235	36	.259	.054	.044	.362	.015	.268
1977	Oct.	3,106	172	41	.261	.056	.046	.348	.015	.274
1977	Nov.	1,396	88	46	.257	.057	.049	.352	.014	.271
1977	Dec.	972	65	49	.256	.057	.050	.354	.014	.270
1978	Jan.	813	56	51	.255	.057	.050	.354	.014	.269
1978	Feb.	744	51	51	.255	.057	.050	.354	.014	.269
1978	Mar.	1,670	101	44	.258	.056	.048	.351	.015	.272
1978	Apr.	7,539	362	35	.264	.054	.044	.344	.016	.276
1978	May	19,630	811	30	.268	.053	.042	.340	.018	.279
1978	June	36,340	1,381	28	.271	.053	.040	.337	.018	.281

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 60. 09352900 Vallecito Creek near Bayfield, Colo., water years 1963 through 1983--Continued										
1978	July	10,570	486	34	0.266	0.054	0.043	0.343	0.017	0.277
1978	Aug.	2,793	158	42	.260	.056	.047	.349	.015	.273
1978	Sept.	1,494	93	46	.258	.057	.048	.352	.014	.271
1978	Oct.	1,369	87	47	.249	.055	.050	.349	.017	.279
1978	Nov.	2,033	121	44	.252	.055	.050	.353	.017	.273
1978	Dec.	1,630	101	46	.250	.055	.050	.351	.017	.277
1979	Jan.	1,152	76	48	.247	.055	.050	.348	.018	.282
1979	Feb.	1,055	69	48	.248	.055	.050	.348	.018	.282
1979	Mar.	1,676	104	46	.250	.055	.050	.351	.017	.276
1979	Apr.	7,113	342	35	.263	.055	.049	.364	.015	.254
1979	May	33,470	1,289	28	.274	.055	.047	.376	.013	.234
1979	June	52,600	1,925	27	.277	.055	.047	.379	.013	.230
1979	July	28,740	1,148	29	.272	.055	.048	.374	.013	.237
1979	Aug.	10,420	486	34	.265	.055	.048	.366	.015	.251
1979	Sept.	3,007	168	41	.255	.055	.049	.356	.016	.267
1979	Oct.	1,416	93	48	.249	.055	.052	.353	.019	.272
1979	Nov.	1,109	76	50	.247	.055	.052	.348	.020	.279
1979	Dec.	1,089	75	51	.247	.055	.052	.347	.020	.280
1980	Jan.	970	68	52	.246	.054	.052	.345	.020	.284
1980	Feb.	1,081	74	50	.247	.055	.052	.348	.019	.278
1980	Mar.	1,218	82	50	.248	.055	.052	.349	.019	.277
1980	Apr.	5,058	253	37	.261	.057	.053	.384	.015	.230
1980	May	21,500	866	30	.270	.059	.054	.409	.012	.196
1980	June	55,140	1,923	26	.275	.060	.054	.425	.010	.176
1980	July	16,930	716	31	.269	.059	.054	.404	.013	.203
1980	Aug.	8,190	387	35	.264	.058	.053	.390	.014	.220
1980	Sept.	9,114	409	33	.265	.058	.053	.395	.014	.214
1980	Oct.	2,465	150	45	.254	.058	.052	.387	.015	.234
1980	Nov.	1,674	108	48	.252	.058	.052	.377	.016	.245
1980	Dec.	1,262	86	50	.251	.058	.051	.367	.017	.256
1981	Jan.	1,043	73	52	.250	.057	.051	.362	.018	.262
1981	Feb.	772	56	54	.248	.057	.051	.356	.019	.269
1981	Mar.	926	67	53	.249	.057	.051	.358	.019	.266
1981	Apr.	7,609	361	35	.257	.059	.054	.427	.011	.192
1981	May	18,360	782	31	.258	.059	.055	.446	.009	.173
1981	June	22,250	909	30	.258	.059	.055	.452	.009	.167
1981	July	11,530	531	34	.258	.059	.055	.433	.010	.185
1981	Aug.	6,008	313	38	.257	.059	.054	.413	.012	.205
1981	Sept.	6,175	318	38	.257	.059	.054	.415	.012	.204
1981	Oct.	7,926	402	37	.258	.059	.052	.450	.009	.173

1981	Nov.	3,898	221	42	.258	.059	.051	.424	.011	.197
1981	Dec.	2,027	129	47	.257	.058	.051	.398	.013	.224
1982	Jan.	1,434	97	50	.256	.058	.050	.384	.014	.239
1982	Feb.	1,146	79	51	.255	.057	.050	.379	.014	.244
1982	Mar.	1,765	115	48	.257	.058	.050	.392	.013	.230
1982	Apr.	6,042	313	38	.257	.059	.052	.444	.010	.178
1982	May	20,120	867	32	.255	.059	.052	.485	.008	.142
1982	June	35,590	1,404	29	.253	.059	.052	.504	.007	.126
1982	July	17,730	785	33	.256	.059	.052	.480	.008	.146
1982	Aug.	12,950	604	34	.257	.059	.052	.468	.008	.156
1982	Sept.	12,590	582	34	.256	.059	.052	.470	.008	.155
1982	Oct.	6,432	342	39	.251	.057	.054	.425	.009	.204
1982	Nov.	2,817	169	44	.254	.061	.054	.432	.009	.190
1982	Dec.	2,247	140	46	.255	.062	.054	.433	.008	.187
1983	Jan.	1,478	97	48	.257	.064	.054	.436	.008	.180
1983	Feb.	1,182	79	49	.258	.064	.055	.437	.008	.179
1983	Mar.	1,918	122	47	.256	.063	.054	.434	.008	.184
1983	Apr.	2,934	171	43	.254	.060	.054	.430	.009	.193
1983	May	18,440	825	33	.245	.051	.053	.416	.010	.224
1983	June	41,680	1,721	30	.242	.049	.053	.410	.011	.235
1983	July	23,910	1,066	33	.245	.051	.053	.415	.010	.225
1983	Aug.	10,090	506	37	.249	.055	.054	.422	.010	.211
1983	Sept.	4,467	250	41	.252	.058	.054	.428	.009	.198

Site 61. 09355500 San Juan River near Archuleta, N. Mex., water years 1955 through 1983.

1954	Dec.	12,510	5,335	314	.175	.034	.143	.276	.036	.337
1955	Jan.	12,120	4,829	293	.169	.033	.153	.284	.037	.324
1955	Feb.	12,750	4,842	279	.170	.034	.152	.288	.036	.321
1955	Mar.	27,430	10,060	270	.191	.038	.116	.275	.029	.351
1955	Apr.	45,200	11,020	179	.172	.038	.146	.324	.030	.290
1955	May	131,800	21,370	119	.168	.042	.148	.362	.026	.255
1955	June	119,400	17,110	105	.153	.039	.172	.381	.028	.227
1955	July	42,260	12,520	218	.188	.039	.122	.292	.028	.330
1955	Aug.	66,600	18,790	207	.198	.042	.105	.289	.025	.341
1955	Sept.	28,090	8,068	211	.171	.036	.151	.311	.032	.299
1955	Oct.	19,480	6,428	243	.168	.035	.155	.301	.035	.306
1955	Nov.	16,530	6,288	280	.176	.035	.140	.284	.034	.330
1955	Dec.	15,180	6,335	307	.181	.035	.132	.273	.034	.345
1956	Jan.	16,070	6,386	292	.179	.035	.135	.277	.034	.340
1956	Feb.	14,750	6,298	314	.184	.035	.125	.268	.033	.354
1956	Mar.	47,810	16,140	248	.203	.041	.096	.269	.025	.365
1956	Apr.	78,740	15,730	147	.171	.040	.145	.344	.028	.272
1956	May	173,600	23,230	98	.157	.041	.161	.386	.026	.228
1956	June	116,900	15,890	100	.149	.039	.177	.386	.028	.221
1956	July	24,790	7,395	219	.168	.036	.155	.309	.033	.299
1956	Aug.	22,980	7,791	249	.179	.036	.138	.288	.032	.327
1956	Sept.	11,180	3,924	258	.156	.032	.181	.301	.039	.291
1956	Oct.	11,980	4,994	307	.183	.030	.140	.281	.035	.331
1956	Nov.	11,350	4,994	324	.184	.031	.137	.276	.035	.338
1956	Dec.	8,787	4,192	351	.183	.029	.139	.269	.037	.343
1957	Jan.	13,290	5,945	329	.186	.032	.132	.276	.033	.342
1957	Feb.	30,160	13,790	336	.195	.041	.103	.277	.024	.360

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 61. 09355500 San Juan River near Archuleta, N. Mex., water years 1955 through 1983--Continued										
1957	Mar.	45,620	19,570	315	0.195	0.042	0.102	0.283	0.023	0.355
1957	Apr.	120,100	30,970	190	.189	.046	.109	.327	.021	.308
1957	May	222,100	44,240	147	.184	.049	.113	.354	.019	.280
1957	June	479,800	65,210	100	.177	.052	.117	.391	.017	.246
1957	July	326,600	50,310	113	.181	.053	.114	.371	.018	.264
1957	Aug.	164,100	35,400	159	.186	.048	.113	.344	.020	.290
1957	Sept.	66,920	13,190	145	.175	.038	.145	.349	.027	.266
1957	Oct.	67,330	19,780	216	.187	.043	.117	.313	.022	.318
1957	Nov.	67,530	18,320	200	.183	.041	.125	.322	.023	.306
1957	Dec.	43,780	12,350	208	.181	.037	.135	.316	.025	.306
1958	Jan.	21,860	8,008	269	.184	.033	.135	.293	.027	.328
1958	Feb.	51,320	20,940	300	.195	.045	.099	.285	.021	.356
1958	Mar.	76,670	30,660	294	.196	.047	.094	.288	.020	.356
1958	Apr.	279,000	82,680	218	.196	.059	.083	.312	.016	.334
1958	May	459,700	70,980	114	.177	.053	.116	.376	.018	.260
1958	June	270,200	33,930	92	.165	.046	.142	.393	.021	.233
1958	July	42,380	11,080	192	.178	.036	.142	.323	.026	.296
1958	Aug.	35,000	10,980	231	.183	.036	.133	.308	.025	.315
1958	Sept.	40,080	11,230	206	.181	.038	.135	.317	.025	.305
1958	Oct.	25,380	8,528	247	.191	.031	.132	.297	.023	.327
1958	Nov.	16,920	6,590	287	.184	.030	.137	.282	.024	.343
1958	Dec.	13,540	5,535	301	.181	.029	.141	.276	.025	.348
1959	Jan.	10,970	4,924	330	.177	.028	.143	.267	.026	.359
1959	Feb.	14,500	6,456	327	.180	.032	.133	.271	.024	.360
1959	Mar.	17,990	7,590	310	.182	.031	.133	.276	.024	.353
1959	Apr.	36,960	10,920	217	.197	.032	.126	.312	.021	.312
1959	May	87,050	15,540	131	.214	.029	.122	.361	.018	.256
1959	June	83,790	13,930	122	.215	.028	.124	.366	.018	.250
1959	July	17,510	5,489	231	.190	.026	.145	.299	.024	.316
1959	Aug.	34,420	11,950	255	.191	.035	.121	.297	.021	.334
1959	Sept.	15,490	5,408	257	.187	.028	.143	.290	.024	.329
1959	Oct.	59,570	18,500	228	.187	.037	.116	.270	.034	.356
1959	Nov.	38,550	11,400	218	.195	.031	.129	.301	.026	.318
1959	Dec.	19,500	6,924	261	.185	.028	.143	.293	.025	.325
1960	Jan.	14,380	6,131	314	.175	.029	.147	.266	.029	.354
1960	Feb.	15,650	6,409	301	.177	.029	.145	.269	.029	.351
1960	Mar.	175,200	58,810	247	.183	.045	.099	.233	.043	.396
1960	Apr.	240,000	44,220	135	.220	.035	.102	.335	.023	.285
1960	May	193,100	31,090	118	.225	.031	.106	.366	.019	.255
1960	June	231,800	29,140	92	.235	.028	.101	.406	.014	.216

1960	July	55,010	12,800	171	.206	.029	.126	.334	.021	.284
1960	Aug.	24,860	7,462	221	.194	.027	.140	.314	.023	.303
1960	Sept.	22,540	7,308	238	.190	.028	.140	.302	.024	.316
1960	Oct.	25,850	9,710	276	.183	.028	.138	.266	.034	.350
1960	Nov.	16,180	6,800	309	.177	.026	.146	.259	.036	.356
1960	Dec.	14,290	6,438	331	.174	.026	.148	.250	.037	.365
1961	Jan.	11,690	5,135	323	.175	.025	.152	.258	.035	.354
1961	Feb.	15,660	6,712	315	.176	.026	.145	.255	.036	.361
1961	Mar.	43,170	18,510	315	.174	.029	.130	.235	.042	.390
1961	Apr.	113,100	29,700	193	.196	.032	.118	.290	.031	.332
1961	May	192,500	27,980	107	.224	.032	.106	.388	.017	.233
1961	June	121,600	20,240	122	.220	.031	.112	.378	.018	.242
1961	July	37,640	10,310	201	.199	.028	.133	.314	.026	.300
1961	Aug.	52,180	15,080	212	.196	.030	.123	.307	.029	.320
1961	Sept.	58,470	14,960	188	.198	.030	.123	.307	.029	.313
1961	Oct.	51,790	12,730	181	.202	.030	.126	.323	.029	.290
1961	Nov.	34,020	10,030	217	.195	.028	.133	.303	.031	.309
1961	Dec.	18,120	5,767	234	.191	.027	.137	.290	.030	.325
1962	Jan.	15,410	5,762	275	.184	.027	.143	.275	.033	.339
1962	Feb.	41,550	15,990	283	.183	.029	.144	.284	.040	.320
1962	Mar.	51,380	19,640	281	.184	.029	.143	.286	.041	.317
1962	Apr.	241,600	48,720	148	.208	.032	.119	.351	.030	.259
1962	May	228,000	32,260	104	.224	.032	.104	.385	.021	.234
1962	June	164,700	21,410	96	.227	.032	.101	.390	.019	.231
1962	July	38,540	7,037	134	.215	.029	.114	.345	.021	.276
1962	Aug.	29,460	7,683	192	.200	.028	.128	.312	.027	.304
1962	Sept.	18,830	5,052	197	.199	.027	.129	.305	.026	.313
1962	Oct.	18,330	5,743	230	.193	.027	.132	.286	.027	.334
1962	Nov.	14,270	4,762	246	.190	.027	.134	.279	.028	.343
1962	Dec.	9,953	3,631	268	.186	.026	.136	.267	.029	.356
1963	Jan.	7,049	2,617	273	.184	.026	.137	.262	.028	.363
1963	Feb.	8,261	3,196	284	.184	.026	.138	.261	.030	.361
1963	Mar.	14,660	5,686	285	.186	.026	.136	.266	.031	.354
1963	Apr.	30,750	11,680	279	.190	.026	.136	.278	.033	.336
1963	May	18,730	4,576	180	.198	.028	.126	.304	.024	.319
1963	June	18,830	3,477	136	.208	.030	.117	.333	.019	.293
1963	July	20,200	3,549	129	.210	.031	.115	.339	.018	.287
1963	Aug.	21,680	4,014	136	.209	.030	.117	.335	.019	.290
1963	Sept.	20,080	4,061	149	.206	.030	.120	.326	.020	.298
1963	Oct.	23,910	5,324	164	.203	.030	.119	.313	.020	.315
1963	Nov.	23,770	5,778	179	.200	.030	.122	.304	.021	.323
1963	Dec.	23,960	6,601	203	.195	.030	.127	.290	.023	.336
1964	Jan.	17,390	5,459	231	.189	.029	.132	.276	.025	.350
1964	Feb.	13,190	4,100	229	.189	.028	.132	.276	.025	.349
1964	Mar.	12,750	4,153	240	.187	.028	.134	.271	.026	.354
1964	Apr.	14,530	4,841	245	.186	.028	.135	.269	.026	.356
1964	May	33,860	10,680	232	.189	.030	.130	.278	.024	.348
1964	June	81,900	22,600	203	.195	.033	.123	.295	.022	.333
1964	July	107,900	26,100	178	.201	.033	.118	.309	.020	.319
1964	Aug.	47,990	11,090	170	.202	.032	.119	.311	.020	.317
1964	Sept.	26,150	5,793	163	.204	.030	.119	.314	.020	.314
1964	Oct.	28,280	6,638	173	.197	.031	.123	.299	.021	.330
1964	Nov.	20,590	5,585	200	.190	.031	.128	.282	.023	.346
1964	Dec.	32,200	9,420	215	.189	.032	.127	.276	.023	.352

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 61. 09355500 San Juan River near Archuleta, N. Mex., water years 1955 through 1983--Continued										
1965	Jan.	90,220	26,300	214	0.193	0.034	0.122	0.280	0.023	0.349
1965	Feb.	92,230	27,360	218	.192	.035	.122	.278	.023	.351
1965	Mar.	51,860	17,550	249	.185	.034	.127	.262	.025	.367
1965	Apr.	85,110	29,320	253	.186	.035	.125	.262	.025	.367
1965	May	138,300	39,840	212	.195	.035	.119	.282	.022	.346
1965	June	215,100	41,330	141	.211	.035	.108	.325	.018	.303
1965	July	101,900	17,670	128	.214	.033	.108	.336	.017	.293
1965	Aug.	136,200	23,750	128	.214	.033	.108	.336	.017	.293
1965	Sept.	112,200	18,800	123	.214	.033	.108	.340	.017	.289
1965	Oct.	131,000	19,620	110	.222	.032	.101	.352	.015	.278
1965	Nov.	179,600	30,700	126	.219	.034	.102	.340	.016	.289
1965	Dec.	177,400	34,330	142	.213	.034	.106	.326	.017	.303
1966	Jan.	168,000	35,520	155	.210	.035	.109	.316	.017	.313
1966	Feb.	93,520	23,670	186	.199	.033	.119	.292	.020	.337
1966	Mar.	114,100	32,150	207	.195	.034	.120	.282	.020	.348
1966	Apr.	180,900	48,870	199	.200	.036	.115	.290	.020	.340
1966	May	129,300	32,250	183	.201	.034	.116	.296	.019	.334
1966	June	27,280	5,651	152	.197	.029	.126	.299	.019	.329
1966	July	28,060	4,492	118	.209	.028	.118	.330	.017	.298
1966	Aug.	29,040	5,419	137	.201	.029	.124	.310	.019	.318
1966	Sept.	27,000	4,703	128	.205	.028	.121	.319	.018	.309
1966	Oct.	91,090	16,480	133	.217	.031	.109	.327	.018	.298
1966	Nov.	47,210	9,207	143	.208	.030	.117	.314	.018	.312
1966	Dec.	25,150	6,226	182	.186	.030	.134	.281	.019	.350
1967	Jan.	25,160	6,346	185	.185	.031	.134	.280	.019	.352
1967	Feb.	44,670	11,460	189	.193	.032	.126	.286	.019	.343
1967	Mar.	69,530	17,410	184	.198	.033	.122	.292	.019	.337
1967	Apr.	23,130	6,354	202	.180	.031	.137	.271	.019	.362
1967	May	17,130	5,250	225	.171	.031	.145	.256	.019	.379
1967	June	17,860	6,054	249	.166	.032	.147	.246	.019	.389
1967	July	19,660	6,514	244	.168	.032	.146	.250	.019	.386
1967	Aug.	62,100	17,680	209	.191	.034	.126	.279	.020	.351
1967	Sept.	58,640	15,510	195	.196	.033	.123	.287	.020	.342
1967	Oct.	21,500	4,733	162	.205	.027	.120	.309	.014	.325
1967	Nov.	21,120	5,383	187	.191	.029	.129	.285	.016	.349
1967	Dec.	21,170	5,678	197	.186	.030	.133	.277	.017	.358
1968	Jan.	18,610	5,027	199	.184	.029	.138	.273	.017	.360
1968	Feb.	20,130	5,212	190	.190	.029	.130	.283	.016	.352
1968	Mar.	17,930	5,199	213	.178	.029	.142	.261	.017	.372
1968	Apr.	60,380	15,810	193	.192	.044	.100	.303	.018	.343

1968	May	48,710	12,930	195	.191	.042	.105	.297	.018	.347
1968	June	28,200	7,337	191	.190	.032	.122	.288	.016	.351
1968	July	30,270	8,168	198	.187	.033	.124	.282	.017	.357
1968	Aug.	38,480	10,160	194	.190	.036	.116	.290	.017	.351
1968	Sept.	47,020	11,590	181	.197	.037	.107	.305	.016	.338
1968	Oct.	35,050	8,676	182	.194	.036	.114	.299	.016	.342
1968	Nov.	22,800	5,617	181	.194	.032	.123	.293	.016	.343
1968	Dec.	24,420	5,573	168	.201	.032	.118	.304	.015	.330
1969	Jan.	39,670	8,608	153	.206	.032	.103	.321	.014	.318
1969	Feb.	110,200	22,930	163	.211	.045	.084	.341	.014	.305
1969	Mar.	93,780	20,680	162	.206	.045	.088	.331	.015	.316
1969	Apr.	110,200	25,870	173	.200	.046	.089	.323	.016	.326
1969	May	116,900	26,070	164	.205	.046	.087	.330	.015	.317
1969	June	117,800	25,900	162	.206	.046	.086	.333	.015	.315
1969	July	98,640	21,980	164	.205	.044	.089	.328	.015	.318
1969	Aug.	71,780	16,020	164	.205	.041	.096	.324	.015	.321
1969	Sept.	76,420	15,810	152	.211	.041	.091	.336	.014	.307
1969	Oct.	95,980	19,020	146	.213	.039	.098	.344	.016	.290
1969	Nov.	81,330	16,410	148	.212	.039	.098	.340	.016	.295
1969	Dec.	89,710	18,480	152	.211	.040	.096	.338	.016	.300
1970	Jan.	50,660	10,310	150	.210	.037	.105	.335	.016	.297
1970	Feb.	110,400	21,190	141	.215	.041	.097	.350	.016	.282
1970	Mar.	90,810	18,250	148	.212	.040	.098	.341	.016	.294
1970	Apr.	26,220	5,605	157	.206	.032	.117	.320	.015	.309
1970	May	28,860	6,210	158	.206	.033	.115	.320	.015	.311
1970	June	29,630	6,405	159	.206	.033	.113	.320	.015	.312
1970	July	31,050	6,587	156	.207	.033	.115	.323	.015	.307
1970	Aug.	39,000	8,209	155	.208	.034	.110	.326	.015	.305
1970	Sept.	78,550	16,200	152	.210	.040	.097	.337	.016	.300
1970	Oct.	111,100	22,730	151	.210	.038	.102	.342	.017	.291
1970	Nov.	103,000	20,590	147	.212	.038	.102	.343	.017	.289
1970	Dec.	117,300	23,110	145	.213	.039	.101	.345	.016	.286
1971	Jan.	140,800	25,850	135	.218	.040	.100	.352	.015	.276
1971	Feb.	120,200	23,340	143	.214	.039	.100	.349	.017	.281
1971	Mar.	67,700	14,260	155	.208	.037	.103	.337	.018	.297
1971	Apr.	29,870	6,755	166	.203	.035	.108	.318	.017	.319
1971	May	30,670	7,108	170	.201	.035	.108	.317	.018	.322
1971	June	29,250	6,670	168	.202	.035	.108	.317	.017	.320
1971	July	30,780	6,893	165	.203	.035	.108	.319	.017	.318
1971	Aug.	30,610	6,931	167	.203	.035	.108	.318	.017	.319
1971	Sept.	29,870	6,890	170	.201	.035	.108	.317	.018	.321
1971	Oct.	24,700	5,937	177	.197	.034	.108	.317	.019	.325
1971	Nov.	18,190	4,480	181	.195	.033	.109	.312	.019	.332
1971	Dec.	65,600	15,220	171	.201	.037	.108	.328	.020	.307
1972	Jan.	92,590	21,340	170	.202	.037	.108	.330	.020	.304
1972	Feb.	84,460	19,320	168	.203	.037	.108	.330	.020	.303
1972	Mar.	92,630	21,710	172	.200	.037	.108	.328	.020	.307
1972	Apr.	48,700	12,060	182	.195	.036	.109	.319	.020	.321
1972	May	30,850	7,737	184	.194	.034	.109	.313	.020	.330
1972	June	30,220	7,437	181	.195	.034	.109	.316	.019	.327
1972	July	30,640	7,530	181	.196	.034	.109	.316	.019	.327
1972	Aug.	38,570	9,449	180	.196	.035	.109	.318	.020	.323
1972	Sept.	37,160	9,142	181	.196	.035	.109	.317	.020	.324
1972	Oct.	31,840	7,931	183	.195	.035	.108	.309	.020	.333

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 61. 09355500 San Juan River near Archuleta, N. Mex., water years 1955 through 1983--Continued										
1972	Nov.	29,680	7,399	183	0.194	0.035	0.108	0.308	0.020	0.334
1972	Dec.	62,450	15,410	181	.196	.037	.109	.316	.021	.322
1973	Jan.	70,670	17,150	179	.197	.037	.109	.318	.020	.319
1973	Feb.	96,820	23,900	182	.196	.038	.110	.321	.021	.313
1973	Mar.	29,260	8,043	202	.187	.034	.113	.303	.022	.341
1973	Apr.	29,780	8,520	210	.185	.034	.115	.302	.022	.343
1973	May	133,400	36,510	201	.189	.038	.116	.318	.023	.316
1973	June	182,400	47,910	193	.192	.039	.115	.324	.022	.307
1973	July	265,700	68,110	189	.194	.040	.114	.328	.022	.302
1973	Aug.	215,700	51,200	175	.200	.040	.110	.329	.021	.300
1973	Sept.	159,100	34,300	159	.206	.040	.105	.331	.019	.298
1973	Oct.	119,900	23,910	147	.211	.040	.101	.328	.018	.301
1973	Nov.	117,300	22,900	144	.212	.040	.100	.330	.018	.299
1973	Dec.	119,700	23,730	146	.211	.040	.101	.329	.018	.301
1974	Jan.	103,300	20,940	149	.210	.040	.102	.326	.018	.304
1974	Feb.	65,380	13,860	156	.207	.039	.103	.321	.019	.311
1974	Mar.	62,800	14,160	166	.203	.038	.105	.315	.019	.319
1974	Apr.	58,700	13,690	171	.200	.038	.107	.313	.020	.322
1974	May	57,030	13,040	168	.202	.038	.106	.314	.020	.321
1974	June	38,170	8,752	169	.201	.037	.106	.312	.020	.324
1974	July	36,040	8,351	170	.201	.037	.106	.311	.020	.326
1974	Aug.	43,040	9,812	168	.202	.038	.105	.313	.020	.323
1974	Sept.	41,760	9,627	170	.201	.038	.106	.312	.020	.324
1974	Oct.	31,860	7,329	169	.201	.038	.105	.304	.020	.333
1974	Nov.	28,020	6,427	169	.202	.038	.104	.304	.020	.333
1974	Dec.	30,260	7,030	171	.201	.038	.105	.302	.020	.335
1975	Jan.	32,260	7,926	181	.198	.038	.106	.295	.019	.344
1975	Feb.	26,820	6,651	182	.198	.038	.106	.293	.019	.346
1975	Mar.	31,240	7,810	184	.197	.038	.107	.292	.019	.347
1975	Apr.	82,100	20,250	181	.195	.040	.109	.299	.018	.339
1975	May	147,900	35,960	179	.195	.041	.109	.302	.018	.334
1975	June	144,200	36,540	186	.193	.041	.111	.296	.017	.342
1975	July	150,600	37,760	184	.194	.041	.110	.298	.017	.340
1975	Aug.	112,700	27,710	181	.195	.041	.109	.300	.018	.337
1975	Sept.	92,290	21,240	169	.199	.040	.107	.309	.018	.327
1975	Oct.	89,680	19,730	162	.200	.040	.107	.315	.018	.320
1975	Nov.	84,960	17,210	149	.203	.040	.106	.325	.017	.308
1975	Dec.	96,320	18,540	142	.205	.040	.105	.332	.017	.300
1976	Jan.	76,930	16,240	155	.202	.040	.106	.319	.018	.315
1976	Feb.	53,680	10,920	150	.204	.039	.106	.322	.018	.312

1976	Mar.	56,260	11,350	148	.204	.039	.106	.323	.018	.311
1976	Apr.	41,750	9,162	161	.201	.038	.107	.311	.018	.325
1976	May	87,810	20,020	168	.199	.040	.107	.310	.018	.326
1976	June	82,060	18,360	165	.200	.040	.107	.312	.018	.323
1976	July	33,470	8,145	179	.197	.037	.109	.295	.018	.344
1976	Aug.	37,410	8,885	175	.198	.038	.108	.299	.018	.339
1976	Sept.	39,630	9,209	171	.199	.038	.108	.302	.018	.335
1976	Oct.	29,420	6,768	169	.203	.037	.109	.298	.019	.334
1976	Nov.	27,480	6,355	154	.202	.037	.109	.297	.019	.336
1976	Dec.	72,850	15,220	154	.202	.039	.106	.320	.017	.316
1977	Jan.	74,880	15,710	154	.201	.039	.106	.319	.017	.317
1977	Feb.	36,800	8,143	163	.203	.038	.108	.307	.018	.327
1977	Mar.	31,720	7,200	167	.203	.037	.109	.301	.019	.331
1977	Apr.	30,550	7,019	169	.202	.037	.109	.299	.019	.335
1977	May	34,160	7,756	167	.202	.037	.109	.301	.018	.332
1977	June	35,910	8,200	168	.200	.037	.109	.300	.018	.335
1977	July	34,450	7,906	169	.201	.037	.109	.299	.018	.335
1977	Aug.	35,140	8,041	168	.201	.037	.109	.300	.018	.335
1977	Sept.	31,230	7,125	168	.202	.037	.109	.300	.019	.333
1977	Oct.	32,760	6,498	146	.205	.038	.101	.319	.017	.321
1977	Nov.	30,450	6,395	154	.204	.037	.104	.311	.017	.325
1977	Dec.	28,960	6,679	170	.202	.037	.111	.300	.019	.332
1978	Jan.	30,510	7,142	172	.202	.037	.112	.297	.019	.333
1978	Feb.	28,970	6,784	172	.201	.037	.112	.297	.019	.334
1978	Mar.	31,200	7,420	175	.201	.036	.113	.295	.019	.335
1978	Apr.	31,180	7,535	178	.200	.036	.114	.293	.020	.336
1978	May	32,350	7,952	181	.200	.036	.116	.291	.020	.337
1978	June	28,310	7,067	184	.200	.036	.116	.289	.020	.338
1978	July	30,020	7,547	185	.200	.036	.117	.288	.020	.339
1978	Aug.	34,070	8,582	185	.199	.036	.118	.288	.020	.339
1978	Sept.	37,700	9,497	185	.198	.036	.119	.287	.020	.339
1978	Oct.	30,160	8,320	203	.197	.036	.115	.273	.020	.358
1978	Nov.	30,140	8,345	204	.197	.036	.115	.272	.020	.359
1978	Dec.	31,160	8,674	205	.197	.036	.116	.272	.020	.360
1979	Jan.	30,700	8,608	206	.196	.036	.116	.271	.020	.360
1979	Feb.	32,170	9,000	206	.196	.037	.116	.270	.020	.361
1979	Mar.	98,670	25,610	191	.190	.039	.118	.273	.019	.362
1979	Apr.	283,700	68,100	177	.187	.041	.118	.278	.017	.359
1979	May	305,000	70,690	170	.188	.041	.117	.283	.017	.355
1979	June	307,600	67,660	162	.189	.042	.115	.290	.016	.348
1979	July	315,200	65,320	152	.192	.042	.113	.299	.015	.339
1979	Aug.	114,200	23,480	151	.198	.040	.110	.306	.015	.331
1979	Sept.	45,160	9,026	147	.207	.039	.106	.317	.015	.318
1979	Oct.	46,720	8,628	136	.206	.039	.103	.314	.017	.321
1979	Nov.	32,690	6,187	139	.206	.038	.103	.307	.018	.328
1979	Dec.	103,700	18,660	132	.204	.040	.104	.330	.015	.307
1980	Jan.	100,800	16,630	121	.207	.040	.101	.342	.014	.295
1980	Feb.	98,900	16,290	121	.207	.040	.101	.344	.014	.294
1980	Mar.	145,000	26,900	136	.202	.040	.106	.330	.014	.307
1980	Apr.	91,160	18,220	147	.200	.040	.108	.315	.015	.321
1980	May	120,400	24,300	148	.199	.040	.109	.315	.015	.322
1980	June	71,300	14,750	152	.200	.039	.108	.304	.017	.332
1980	July	60,950	13,600	164	.198	.038	.110	.289	.018	.346
1980	Aug.	78,820	21,000	196	.189	.038	.116	.267	.019	.370

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 61. 09355500 San Juan River near Archuleta, N. Mex., water years 1955 through 1983--Continued										
1980	Sept.	71,900	22,420	229	0.182	0.037	0.120	0.245	0.021	0.394
1980	Oct.	72,070	22,430	229	.182	.037	.109	.256	.019	.397
1980	Nov.	84,240	23,100	202	.187	.038	.108	.278	.017	.371
1980	Dec.	84,220	19,470	170	.195	.038	.107	.303	.016	.340
1981	Jan.	101,000	20,750	151	.200	.039	.106	.324	.015	.317
1981	Feb.	62,650	12,920	152	.202	.039	.106	.312	.017	.324
1981	Mar.	39,840	8,236	152	.206	.039	.105	.296	.020	.334
1981	Apr.	26,460	5,440	151	.209	.038	.104	.286	.022	.340
1981	May	30,520	6,182	149	.209	.038	.105	.292	.021	.336
1981	June	33,960	6,784	147	.209	.039	.105	.297	.020	.331
1981	July	49,180	9,983	149	.206	.039	.105	.305	.018	.328
1981	Aug.	53,330	10,990	152	.204	.039	.105	.305	.018	.329
1981	Sept.	53,290	11,110	153	.204	.039	.106	.304	.018	.330
1981	Oct.	54,390	11,440	155	.204	.039	.104	.309	.019	.325
1981	Nov.	35,050	7,329	154	.206	.038	.104	.295	.022	.334
1981	Dec.	36,790	7,720	154	.206	.038	.104	.294	.022	.336
1982	Jan.	41,190	8,695	155	.205	.038	.104	.297	.021	.334
1982	Feb.	27,260	5,733	155	.207	.038	.105	.286	.023	.341
1982	Mar.	44,850	9,560	157	.204	.038	.104	.300	.020	.334
1982	Apr.	84,750	18,050	157	.200	.039	.103	.326	.016	.315
1982	May	115,900	24,360	155	.199	.040	.102	.340	.015	.304
1982	June	101,200	21,570	157	.200	.039	.102	.332	.015	.311
1982	July	73,850	15,770	157	.202	.039	.103	.318	.017	.322
1982	Aug.	63,090	13,420	156	.203	.039	.104	.312	.018	.325
1982	Sept.	65,710	13,990	157	.202	.039	.103	.315	.018	.323
1982	Oct.	63,820	13,800	159	.203	.040	.103	.318	.015	.322
1982	Nov.	53,630	11,540	158	.204	.040	.102	.316	.014	.322
1982	Dec.	90,920	19,190	155	.202	.041	.101	.335	.014	.306
1983	Jan.	112,500	23,540	154	.202	.041	.101	.343	.014	.300
1983	Feb.	96,580	20,210	154	.202	.041	.101	.341	.014	.301
1983	Mar.	127,500	26,650	154	.201	.041	.101	.347	.014	.297
1983	Apr.	158,700	33,160	154	.199	.041	.101	.354	.014	.292
1983	May	105,900	22,330	155	.201	.041	.101	.341	.014	.302
1983	June	76,950	16,530	158	.201	.041	.102	.327	.015	.314
1983	July	97,880	21,030	158	.199	.041	.102	.334	.015	.309
1983	Aug.	64,070	13,520	155	.205	.041	.101	.325	.014	.314
1983	Sept.	65,590	13,630	153	.207	.041	.100	.331	.013	.308

Site 62. 09364500 Animas River at Farmington, N. Mex., water years 1955 through 1983.

1954	Oct.	40,850	19,900	358	.211	.029	.097	.200	.053	.409
1954	Nov.	15,870	11,780	546	.193	.030	.113	.168	.059	.437
1954	Dec.	14,740	11,870	592	.190	.030	.117	.163	.061	.439
1955	Jan.	14,320	11,640	598	.190	.030	.118	.162	.061	.440
1955	Feb.	11,900	9,230	570	.190	.030	.114	.163	.058	.444
1955	Mar.	16,690	12,740	561	.193	.030	.115	.167	.060	.435
1955	Apr.	28,060	15,030	394	.206	.030	.101	.189	.054	.420
1955	May	87,200	24,780	209	.230	.028	.076	.238	.043	.384
1955	June	120,900	28,430	173	.237	.028	.070	.254	.040	.371
1955	July	26,050	14,290	403	.203	.030	.104	.185	.056	.422
1955	Aug.	30,470	18,100	437	.204	.030	.106	.188	.057	.415
1955	Sept.	5,521	4,523	602	.184	.031	.114	.151	.055	.467
1955	Oct.	7,950	7,302	675	.182	.031	.121	.149	.059	.459
1955	Nov.	10,850	9,709	658	.185	.031	.122	.155	.062	.446
1955	Dec.	13,980	12,170	640	.187	.030	.121	.160	.063	.438
1956	Jan.	13,920	11,930	630	.188	.030	.120	.160	.062	.439
1956	Feb.	13,070	11,250	633	.188	.030	.121	.160	.062	.439
1956	Mar.	24,480	15,720	472	.199	.030	.109	.179	.058	.424
1956	Apr.	39,130	17,820	335	.213	.029	.093	.203	.051	.411
1956	May	120,900	29,950	182	.236	.028	.072	.251	.041	.373
1956	June	104,200	24,530	173	.235	.028	.071	.249	.040	.377
1956	July	11,640	7,219	456	.196	.030	.104	.171	.052	.448
1956	Aug.	4,336	3,813	647	.180	.031	.116	.146	.056	.472
1956	Sept.	633	650	756	.158	.032	.109	.111	.043	.547
1956	Oct.	5,348	5,672	780	.176	.031	.128	.142	.063	.459
1956	Nov.	11,090	10,850	719	.182	.030	.127	.152	.065	.443
1956	Dec.	10,800	10,410	709	.182	.031	.126	.152	.064	.446
1957	Jan.	12,760	11,990	691	.184	.030	.126	.155	.065	.439
1957	Feb.	16,890	13,590	591	.192	.030	.119	.167	.063	.429
1957	Mar.	18,440	15,260	609	.191	.030	.121	.166	.064	.429
1957	Apr.	50,430	22,560	329	.215	.029	.095	.209	.053	.399
1957	May	107,600	34,510	236	.230	.028	.081	.239	.047	.375
1957	June	361,600	66,910	136	.251	.026	.062	.293	.039	.328
1957	July	221,900	46,110	153	.245	.027	.066	.276	.041	.345
1957	Aug.	105,500	34,280	239	.230	.028	.082	.239	.047	.375
1957	Sept.	47,280	19,950	310	.217	.029	.092	.211	.051	.401
1957	Oct.	28,750	18,800	481	.207	.031	.107	.185	.062	.408
1957	Nov.	44,220	24,090	401	.215	.030	.099	.199	.059	.397
1957	Dec.	31,420	19,150	448	.210	.030	.103	.188	.059	.410
1958	Jan.	22,320	15,290	504	.204	.031	.106	.178	.060	.421
1958	Feb.	27,090	16,390	445	.209	.030	.102	.188	.059	.412
1958	Mar.	36,780	22,380	448	.210	.030	.105	.191	.062	.402
1958	Apr.	103,900	40,340	285	.227	.030	.090	.229	.057	.368
1958	May	305,400	67,890	164	.247	.028	.068	.278	.045	.334
1958	June	240,600	44,920	137	.253	.027	.059	.283	.038	.340
1958	July	38,310	16,140	310	.222	.030	.085	.207	.049	.408
1958	Aug.	13,830	10,130	538	.200	.031	.106	.168	.058	.436
1958	Sept.	20,380	14,150	511	.202	.031	.111	.177	.063	.416
1958	Oct.	17,480	13,330	561	.187	.026	.119	.154	.069	.445
1958	Nov.	16,620	13,840	612	.187	.027	.118	.152	.069	.445
1958	Dec.	14,580	12,540	632	.181	.025	.124	.144	.073	.454
1959	Jan.	12,360	11,140	663	.175	.023	.128	.135	.076	.461

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 62. 09364500 Animas River at Farmington, N. Mex., water years 1955 through 1983--Continued										
1959	Feb.	11,230	9,983	654	0.175	0.022	0.129	0.136	0.076	0.462
1959	Mar.	12,450	11,040	652	.175	.022	.129	.136	.076	.462
1959	Apr.	15,390	10,900	521	.184	.023	.122	.152	.071	.449
1959	May	55,940	20,470	269	.220	.027	.091	.224	.049	.389
1959	June	87,850	24,950	209	.233	.028	.079	.256	.041	.363
1959	July	9,661	6,188	471	.168	.016	.136	.135	.081	.465
1959	Aug.	19,980	14,840	546	.195	.031	.112	.166	.065	.431
1959	Sept.	4,112	4,082	730	.143	.014	.156	.100	.099	.488
1959	Oct.	26,160	18,260	513	.190	.040	.110	.175	.060	.424
1959	Nov.	25,840	16,300	464	.201	.032	.105	.181	.059	.422
1959	Dec.	15,780	11,660	544	.198	.027	.109	.161	.062	.443
1960	Jan.	12,910	11,260	642	.186	.029	.116	.150	.064	.454
1960	Feb.	13,680	11,440	615	.188	.030	.114	.155	.064	.449
1960	Mar.	48,200	23,660	361	.207	.034	.099	.205	.055	.399
1960	Apr.	100,100	29,970	220	.240	.026	.079	.255	.046	.355
1960	May	123,500	32,980	196	.244	.025	.076	.266	.044	.345
1960	June	182,500	38,980	157	.254	.025	.069	.290	.040	.321
1960	July	44,510	17,930	296	.231	.022	.088	.215	.051	.392
1960	Aug.	8,311	5,951	527	.209	.019	.104	.156	.061	.451
1960	Sept.	7,763	6,700	635	.196	.022	.112	.145	.064	.462
1960	Oct.	19,330	15,660	596	.189	.036	.110	.169	.070	.424
1960	Nov.	16,620	12,930	572	.193	.029	.111	.162	.068	.436
1960	Dec.	16,750	13,380	587	.192	.030	.112	.161	.069	.437
1961	Jan.	13,970	11,250	592	.191	.027	.114	.155	.068	.446
1961	Feb.	11,780	10,410	650	.186	.029	.116	.150	.070	.448
1961	Mar.	20,330	15,820	572	.192	.033	.110	.169	.069	.427
1961	Apr.	50,430	21,240	310	.226	.026	.090	.220	.056	.382
1961	May	143,600	33,090	169	.256	.021	.071	.282	.044	.326
1961	June	115,800	27,070	172	.257	.019	.072	.274	.043	.335
1961	July	19,230	10,460	400	.211	.022	.103	.179	.060	.425
1961	Aug.	24,120	15,310	467	.203	.031	.104	.183	.064	.415
1961	Sept.	37,020	20,000	397	.212	.032	.097	.203	.061	.395
1961	Oct.	34,080	17,880	386	.217	.024	.098	.198	.066	.396
1961	Nov.	26,110	15,600	439	.210	.025	.103	.187	.069	.406
1961	Dec.	18,840	13,520	528	.199	.026	.110	.171	.073	.421
1962	Jan.	17,560	13,380	561	.196	.026	.112	.167	.076	.422
1962	Feb.	20,900	15,020	528	.199	.026	.110	.178	.083	.403
1962	Mar.	18,870	13,490	526	.199	.026	.110	.171	.073	.421
1962	Apr.	83,430	25,670	226	.243	.021	.081	.246	.054	.354
1962	May	124,500	30,600	181	.256	.020	.072	.267	.046	.339

1962	June	144,000	30,240	154	.264	.019	.067	.277	.040	.333
1962	July	66,340	20,730	230	.242	.021	.081	.233	.048	.374
1962	Aug.	11,370	7,574	490	.199	.025	.105	.159	.053	.460
1962	Sept.	11,810	9,387	584	.191	.026	.114	.162	.078	.429
1962	Oct.	23,280	17,120	541	.200	.026	.111	.192	.078	.393
1962	Nov.	20,450	15,190	546	.200	.026	.110	.185	.073	.406
1962	Dec.	16,810	13,460	599	.196	.027	.112	.175	.073	.417
1963	Jan.	13,400	11,860	651	.190	.027	.116	.166	.076	.426
1963	Feb.	17,370	13,310	564	.198	.027	.111	.180	.073	.410
1963	Mar.	25,690	14,800	424	.210	.026	.101	.192	.062	.410
1963	Apr.	43,540	16,390	277	.232	.025	.083	.217	.046	.398
1963	May	106,500	26,190	181	.252	.023	.070	.258	.038	.359
1963	June	48,630	17,670	267	.234	.025	.082	.220	.045	.394
1963	July	14,500	9,034	458	.205	.026	.099	.172	.055	.444
1963	Aug.	18,580	11,300	447	.207	.026	.101	.182	.060	.425
1963	Sept.	27,200	14,070	380	.217	.026	.094	.196	.055	.413
1963	Oct.	13,030	10,250	578	.198	.027	.106	.176	.061	.432
1963	Nov.	13,640	10,300	555	.200	.027	.103	.175	.058	.436
1963	Dec.	10,700	8,868	609	.195	.028	.107	.165	.060	.446
1964	Jan.	10,020	8,830	648	.192	.028	.110	.163	.063	.445
1964	Feb.	9,326	7,551	595	.195	.028	.105	.163	.058	.451
1964	Mar.	10,250	8,482	608	.195	.028	.107	.164	.059	.448
1964	Apr.	15,970	9,966	459	.208	.028	.096	.181	.051	.436
1964	May	98,310	23,990	179	.253	.025	.064	.262	.030	.365
1964	June	68,940	20,180	215	.247	.026	.068	.241	.032	.386
1964	July	16,390	10,220	458	.208	.028	.096	.182	.051	.436
1964	Aug.	27,750	15,390	408	.217	.026	.093	.206	.051	.407
1964	Sept.	11,570	8,513	541	.201	.028	.102	.174	.056	.440
1964	Oct.	8,914	7,480	617	.192	.033	.106	.176	.060	.433
1964	Nov.	12,010	9,960	610	.200	.029	.103	.186	.058	.424
1964	Dec.	14,410	11,620	593	.204	.028	.101	.191	.056	.420
1965	Jan.	15,350	12,020	576	.205	.027	.100	.193	.055	.419
1965	Feb.	13,310	10,100	558	.204	.029	.100	.192	.055	.421
1965	Mar.	18,700	12,680	499	.210	.029	.095	.200	.051	.415
1965	Apr.	71,360	22,320	230	.239	.028	.072	.252	.035	.374
1965	May	150,600	36,730	179	.254	.026	.062	.278	.027	.352
1965	June	236,300	43,710	136	.262	.027	.055	.297	.023	.337
1965	July	181,700	40,050	162	.257	.026	.060	.284	.026	.347
1965	Aug.	72,520	26,180	285	.241	.026	.073	.251	.035	.374
1965	Sept.	55,670	21,610	285	.235	.028	.076	.241	.037	.383
1965	Oct.	43,200	18,790	320	.229	.030	.079	.229	.039	.394
1965	Nov.	28,960	16,240	412	.223	.028	.082	.215	.045	.406
1965	Dec.	25,460	15,420	445	.219	.029	.085	.209	.047	.410
1966	Jan.	23,680	14,320	445	.217	.029	.087	.207	.048	.412
1966	Feb.	18,460	11,900	474	.213	.030	.089	.202	.049	.416
1966	Mar.	44,270	20,800	345	.233	.027	.076	.229	.041	.394
1966	Apr.	57,900	20,760	264	.234	.030	.075	.241	.035	.384
1966	May	143,000	35,090	180	.253	.027	.063	.273	.028	.357
1966	June	102,200	26,320	189	.244	.030	.068	.264	.029	.365
1966	July	30,610	13,570	326	.219	.033	.086	.220	.042	.401
1966	Aug.	13,430	8,631	561	.201	.035	.099	.192	.052	.421
1966	Sept.	9,247	7,061	522	.192	.036	.106	.180	.057	.430
1966	Oct.	11,610	8,922	565	.199	.035	.099	.189	.057	.421
1966	Nov.	11,220	8,754	574	.200	.035	.099	.190	.057	.420

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 62. 09364500 Animas River at Farmington, N. Mex., water years 1955 through 1983--Continued											
1966	Dec.	20,500	15,750	565	0.234	0.034	0.080	0.244	0.034	0.375	
1967	Jan.	14,080	10,350	540	.206	.035	.096	.198	.051	.415	
1967	Feb.	14,510	9,825	498	.207	.035	.095	.201	.049	.413	
1967	Mar.	17,910	10,800	444	.206	.034	.095	.200	.051	.414	
1967	Apr.	13,000	7,504	425	.189	.034	.103	.178	.069	.427	
1967	May	78,310	21,750	204	.236	.030	.077	.253	.030	.374	
1967	June	70,100	21,790	229	.235	.031	.078	.249	.030	.378	
1967	July	24,650	12,180	363	.211	.033	.092	.208	.047	.408	
1967	Aug.	24,620	13,520	404	.220	.033	.087	.222	.041	.396	
1967	Sept.	14,810	9,531	473	.203	.034	.097	.195	.054	.416	
1967	Oct.	10,300	8,114	579	.204	.032	.097	.187	.049	.432	
1967	Nov.	12,370	9,724	578	.205	.032	.098	.193	.046	.426	
1967	Dec.	14,080	10,870	568	.206	.032	.098	.196	.045	.424	
1968	Jan.	14,000	10,240	538	.208	.032	.094	.197	.045	.423	
1968	Feb.	15,190	10,940	530	.210	.032	.094	.202	.043	.419	
1968	Mar.	21,680	13,280	451	.218	.032	.087	.215	.040	.409	
1968	Apr.	29,490	13,310	332	.231	.032	.073	.234	.035	.394	
1968	May	110,800	29,530	196	.253	.031	.057	.289	.024	.346	
1968	June	211,500	38,510	134	.269	.031	.044	.324	.018	.314	
1968	July	48,920	18,370	276	.239	.032	.068	.253	.031	.377	
1968	Aug.	49,750	19,070	282	.239	.032	.068	.254	.030	.376	
1968	Sept.	7,615	5,732	554	.205	.032	.092	.182	.051	.438	
1968	Oct.	12,730	9,497	549	.208	.032	.098	.198	.046	.419	
1968	Nov.	14,380	10,390	531	.209	.032	.098	.201	.045	.416	
1968	Dec.	15,190	10,850	525	.209	.032	.097	.202	.044	.416	
1969	Jan.	16,110	11,070	505	.211	.032	.095	.205	.043	.413	
1969	Feb.	13,720	9,527	511	.211	.032	.095	.204	.044	.414	
1969	Mar.	23,600	13,920	434	.218	.032	.090	.218	.039	.403	
1969	Apr.	82,240	26,160	234	.243	.032	.066	.270	.027	.361	
1969	May	155,200	32,010	152	.261	.032	.049	.306	.021	.331	
1969	June	126,900	28,450	165	.259	.032	.051	.299	.022	.337	
1969	July	92,710	24,180	192	.253	.032	.056	.284	.025	.350	
1969	Aug.	25,970	13,750	389	.223	.032	.084	.226	.037	.397	
1969	Sept.	32,640	15,980	360	.226	.032	.082	.233	.035	.391	
1969	Oct.	52,600	22,900	320	.231	.032	.078	.244	.034	.381	
1969	Nov.	31,530	15,080	352	.226	.032	.079	.233	.036	.393	
1969	Dec.	27,130	14,680	398	.221	.032	.085	.224	.039	.400	
1970	Jan.	20,940	12,380	435	.217	.032	.088	.216	.041	.407	
1970	Feb.	15,290	9,004	433	.217	.032	.087	.213	.041	.410	
1970	Mar.	14,280	9,192	473	.213	.032	.091	.207	.043	.415	

1970	Apr.	20,540	10,560	378	.222	.032	.082	.223	.039	.403
1970	May	132,500	26,660	148	.257	.032	.050	.301	.023	.337
1970	June	108,600	23,540	159	.256	.032	.051	.294	.024	.343
1970	July	49,100	17,020	255	.238	.032	.067	.256	.031	.375
1970	Aug.	22,700	12,260	397	.221	.032	.085	.222	.039	.401
1970	Sept.	113,100	31,920	208	.246	.032	.064	.280	.027	.351
1970	Oct.	33,990	16,390	355	.221	.033	.084	.229	.040	.394
1970	Nov.	26,170	13,880	390	.217	.032	.087	.222	.042	.400
1970	Dec.	23,140	12,740	405	.215	.032	.088	.218	.043	.403
1971	Jan.	20,990	12,510	438	.213	.032	.091	.214	.045	.405
1971	Feb.	19,550	11,000	414	.215	.032	.088	.216	.044	.405
1971	Mar.	22,180	11,450	380	.217	.033	.085	.220	.042	.404
1971	Apr.	41,720	15,040	265	.228	.033	.073	.243	.034	.388
1971	May	74,620	23,920	236	.233	.033	.072	.256	.032	.374
1971	June	132,000	29,770	166	.243	.033	.061	.279	.026	.359
1971	July	51,010	19,320	279	.227	.033	.078	.242	.036	.384
1971	Aug.	25,870	14,670	417	.215	.032	.091	.219	.045	.399
1971	Sept.	16,650	9,780	432	.213	.032	.090	.213	.045	.407
1971	Oct.	26,120	14,700	414	.212	.033	.084	.225	.046	.399
1971	Nov.	23,990	12,820	393	.214	.033	.083	.223	.044	.403
1971	Dec.	22,220	12,270	406	.212	.033	.084	.221	.045	.405
1972	Jan.	20,500	12,050	432	.210	.033	.086	.216	.047	.408
1972	Feb.	18,750	10,860	426	.211	.033	.086	.216	.046	.409
1972	Mar.	30,910	13,460	320	.220	.033	.077	.231	.039	.399
1972	Apr.	31,810	12,540	290	.223	.033	.074	.235	.037	.398
1972	May	87,820	22,650	190	.236	.034	.062	.270	.030	.369
1972	June	97,030	26,590	202	.235	.035	.062	.276	.030	.362
1972	July	11,360	6,389	413	.209	.031	.087	.201	.046	.426
1972	Aug.	4,719	3,970	619	.194	.030	.101	.179	.056	.439
1972	Sept.	16,110	10,630	485	.205	.033	.091	.211	.051	.409
1972	Oct.	93,410	36,590	288	.225	.033	.074	.251	.037	.380
1972	Nov.	44,620	20,730	342	.220	.033	.078	.233	.041	.394
1972	Dec.	29,170	13,960	352	.217	.034	.080	.227	.043	.399
1973	Jan.	26,640	13,760	380	.215	.033	.082	.221	.044	.404
1973	Feb.	23,260	12,290	388	.214	.033	.083	.219	.045	.406
1973	Mar.	50,810	24,600	356	.219	.033	.080	.231	.042	.396
1973	Apr.	94,060	39,200	306	.224	.033	.074	.247	.038	.384
1973	May	276,600	71,580	190	.238	.035	.058	.294	.029	.346
1973	June	300,600	55,930	137	.244	.036	.049	.322	.025	.323
1973	July	162,300	36,180	164	.238	.036	.056	.299	.029	.342
1973	Aug.	41,360	19,630	349	.219	.033	.079	.231	.042	.396
1973	Sept.	32,880	17,020	381	.216	.033	.082	.223	.044	.402
1973	Oct.	17,970	10,590	433	.212	.034	.088	.210	.048	.409
1973	Nov.	15,300	10,190	490	.208	.033	.092	.199	.051	.417
1973	Dec.	16,630	11,350	502	.208	.032	.092	.197	.051	.419
1974	Jan.	17,750	12,270	509	.207	.032	.093	.197	.051	.420
1974	Feb.	14,300	10,080	518	.206	.032	.093	.195	.052	.421
1974	Mar.	20,200	13,030	474	.210	.032	.090	.203	.050	.416
1974	Apr.	19,850	10,110	375	.215	.035	.083	.222	.046	.398
1974	May	91,730	23,390	188	.233	.039	.062	.292	.031	.343
1974	June	59,300	19,540	242	.228	.037	.069	.266	.035	.365
1974	July	24,930	13,970	412	.215	.033	.085	.216	.046	.406
1974	Aug.	7,291	4,621	466	.207	.034	.091	.201	.053	.413
1974	Sept.	2,910	2,324	597	.198	.034	.100	.180	.061	.428

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 62. 09364500 Animas River at Farmington, N. Mex., water years 1955 through 1983--Continued										
1974	Oct.	16,340	12,030	541	0.209	0.029	0.097	0.184	0.049	0.433
1974	Nov.	17,750	11,640	482	.212	.031	.092	.196	.048	.421
1974	Dec.	14,330	9,447	485	.211	.032	.090	.199	.050	.417
1975	Jan.	14,660	9,842	494	.211	.032	.091	.197	.050	.419
1975	Feb.	12,700	8,585	497	.211	.032	.091	.196	.050	.419
1975	Mar.	36,180	19,780	402	.218	.030	.088	.206	.043	.415
1975	Apr.	56,710	23,830	309	.225	.031	.081	.225	.039	.399
1975	May	167,300	39,470	174	.238	.034	.065	.275	.031	.357
1975	June	287,500	44,070	113	.244	.038	.053	.320	.026	.319
1975	July	190,400	28,710	111	.241	.041	.052	.325	.027	.313
1975	Aug.	38,670	15,810	301	.224	.034	.078	.234	.041	.389
1975	Sept.	24,200	12,880	391	.218	.032	.085	.213	.045	.407
1975	Oct.	15,420	9,447	451	.213	.032	.087	.197	.047	.424
1975	Nov.	13,980	9,467	498	.210	.031	.091	.190	.049	.430
1975	Dec.	13,970	9,909	522	.209	.030	.093	.186	.050	.433
1976	Jan.	13,060	9,452	532	.208	.030	.093	.184	.050	.434
1976	Feb.	16,750	11,300	496	.210	.030	.092	.191	.049	.427
1976	Mar.	17,470	10,130	426	.213	.032	.087	.200	.047	.421
1976	Apr.	31,590	9,714	226	.229	.040	.066	.251	.037	.377
1976	May	119,400	25,050	154	.235	.038	.062	.290	.031	.343
1976	June	131,100	52,470	294	.225	.029	.084	.242	.039	.381
1976	July	39,000	22,380	422	.216	.029	.092	.208	.045	.411
1976	Aug.	18,170	10,270	416	.215	.032	.086	.203	.046	.418
1976	Sept.	19,680	11,360	424	.215	.031	.089	.204	.046	.416
1976	Oct.	21,030	11,760	411	.217	.031	.085	.200	.047	.420
1976	Nov.	15,190	9,441	457	.213	.031	.088	.192	.048	.427
1976	Dec.	13,450	9,704	530	.208	.030	.093	.182	.050	.436
1977	Jan.	13,160	9,973	557	.206	.030	.095	.180	.051	.439
1977	Feb.	10,530	7,219	504	.209	.031	.090	.184	.050	.435
1977	Mar.	6,914	5,268	560	.205	.032	.092	.175	.052	.444
1977	Apr.	3,217	2,641	604	.200	.033	.094	.166	.055	.452
1977	May	11,960	7,138	439	.214	.032	.086	.192	.049	.428
1977	June	31,730	13,370	310	.226	.032	.077	.220	.043	.401
1977	July	11,480	6,708	430	.214	.031	.087	.194	.048	.425
1977	Aug.	23,400	12,820	403	.217	.030	.087	.204	.046	.416
1977	Sept.	10,810	7,153	487	.210	.032	.089	.186	.050	.433
1977	Oct.	10,690	7,743	533	.203	.031	.094	.176	.052	.444
1977	Nov.	14,350	10,570	542	.201	.031	.095	.180	.053	.440
1977	Dec.	13,370	10,010	551	.201	.031	.095	.178	.053	.443
1978	Jan.	13,270	9,647	535	.202	.031	.094	.179	.052	.442

1978 Feb.	11,420	8,292	534	.202	.031	.094	.178	.052	.442
1978 Mar.	29,980	17,440	428	.211	.033	.088	.202	.048	.419
1978 Apr.	75,690	35,420	247	.236	.036	.070	.244	.036	.377
1978 May	127,000	32,960	191	.246	.038	.063	.265	.032	.356
1978 June	213,000	37,700	130	.263	.040	.052	.295	.026	.325
1978 July	58,210	18,830	238	.239	.036	.069	.240	.036	.380
1978 Aug.	7,551	4,936	481	.209	.032	.090	.175	.050	.445
1978 Sept.	6,133	5,023	602	.196	.030	.098	.167	.055	.453
1978 Oct.	10,960	8,178	549	.197	.032	.099	.183	.057	.433
1978 Nov.	20,890	12,100	426	.210	.034	.088	.204	.048	.415
1978 Dec.	17,760	11,280	467	.206	.033	.092	.197	.051	.421
1979 Jan.	17,740	11,830	493	.203	.033	.095	.195	.051	.423
1979 Feb.	17,640	12,000	500	.202	.034	.094	.197	.051	.424
1979 Mar.	49,340	26,240	391	.211	.036	.084	.224	.041	.403
1979 Apr.	148,100	47,160	234	.233	.039	.068	.266	.031	.364
1979 May	264,300	59,140	165	.249	.041	.057	.291	.025	.337
1979 June	307,900	50,320	120	.265	.042	.049	.307	.022	.315
1979 July	139,800	30,540	161	.254	.040	.058	.276	.029	.344
1979 Aug.	35,530	16,150	334	.222	.036	.080	.223	.042	.398
1979 Sept.	12,920	8,282	471	.206	.033	.092	.191	.053	.424
1979 Oct.	11,080	7,694	511	.200	.031	.096	.184	.055	.435
1979 Nov.	16,520	11,150	496	.201	.033	.095	.194	.051	.427
1979 Dec.	15,860	10,860	503	.200	.032	.097	.191	.051	.429
1980 Jan.	15,790	11,580	539	.196	.032	.099	.190	.052	.431
1980 Feb.	20,950	15,220	534	.196	.034	.099	.199	.048	.423
1980 Mar.	31,410	21,850	512	.198	.036	.097	.208	.045	.417
1980 Apr.	99,180	40,550	301	.219	.040	.078	.252	.034	.377
1980 May	188,700	53,760	210	.236	.041	.065	.276	.028	.353
1980 June	318,800	55,560	128	.260	.042	.050	.304	.023	.322
1980 July	77,750	23,910	226	.236	.037	.069	.250	.034	.374
1980 Aug.	20,110	11,460	419	.209	.033	.089	.203	.048	.419
1980 Sept.	25,050	13,330	391	.211	.034	.087	.212	.045	.411
1980 Oct.	14,140	10,500	546	.197	.034	.095	.195	.051	.429
1980 Nov.	16,650	11,620	513	.199	.034	.092	.201	.049	.424
1980 Dec.	16,500	11,240	501	.201	.034	.092	.200	.050	.424
1981 Jan.	14,970	10,140	498	.202	.033	.092	.198	.051	.425
1981 Feb.	11,560	8,062	513	.201	.032	.093	.193	.052	.428
1981 Mar.	12,870	9,529	544	.197	.033	.095	.192	.052	.430
1981 Apr.	21,240	11,330	392	.210	.034	.086	.211	.046	.412
1981 May	49,110	17,570	263	.228	.035	.073	.242	.037	.384
1981 June	96,450	24,790	189	.242	.037	.063	.268	.031	.360
1981 July	39,560	17,130	319	.220	.036	.077	.233	.040	.394
1981 Aug.	13,910	9,225	488	.203	.033	.092	.198	.051	.424
1981 Sept.	15,540	9,617	455	.206	.033	.089	.202	.049	.421
1981 Oct.	34,340	18,520	397	.205	.033	.085	.243	.041	.393
1981 Nov.	22,720	12,240	396	.212	.033	.082	.216	.042	.415
1981 Dec.	16,560	10,160	451	.207	.032	.086	.200	.045	.430
1982 Jan.	16,150	10,150	462	.206	.032	.086	.200	.046	.431
1982 Feb.	16,700	11,290	497	.199	.032	.090	.211	.046	.421
1982 Mar.	26,590	16,280	450	.201	.032	.088	.231	.044	.404
1982 Apr.	48,890	19,110	288	.221	.034	.075	.253	.037	.381
1982 May	133,300	35,310	195	.233	.034	.064	.302	.030	.337
1982 June	185,100	37,560	149	.246	.035	.057	.313	.026	.323
1982 July	87,770	24,310	204	.237	.034	.065	.274	.032	.359

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 62. 09364500 Animas River at Farmington, N. Mex., water years 1955 through 1983--Continued											
1982	Aug.	61,160	23,400	281	0.219	0.034	0.075	0.267	0.036	0.370	
1982	Sept.	68,060	25,730	278	.216	.034	.076	.277	.035	.362	
1982	Oct.	31,450	15,260	357.00	.214	.033	.078	.238	.040	.397	
1982	Nov.	23,720	13,570	421.00	.207	.032	.084	.226	.041	.410	
1982	Dec.	24,200	15,380	467.00	.198	.031	.093	.218	.041	.420	
1983	Jan.	21,830	13,860	467.00	.201	.031	.090	.218	.042	.419	
1983	Feb.	19,930	12,410	458.00	.202	.031	.089	.220	.042	.417	
1983	Mar.	34,950	19,640	413.00	.200	.031	.093	.227	.037	.412	
1983	Apr.	55,280	23,230	309.00	.211	.032	.084	.249	.034	.391	
1983	May	150,600	40,470	198.00	.223	.033	.075	.284	.027	.358	
1983	June	249,000	46,280	137.00	.242	.035	.060	.316	.024	.323	
1983	July	136,800	31,820	171.00	.239	.035	.062	.296	.028	.340	
1983	Aug.	52,570	20,160	282.00	.221	.033	.075	.256	.035	.380	
1983	Sept.	19,840	11,170	414.00	.212	.033	.078	.227	.044	.406	
Site 63. 09365000 San Juan River at Farmington, N. Mex., water years 1962 through 1982.											
1961	Oct.	82,730	36,690	326	.198	.022	.113	.215	.030	.422	
1961	Nov.	51,310	26,660	382	.190	.022	.119	.197	.033	.439	
1961	Dec.	37,760	21,950	428	.185	.022	.123	.185	.035	.451	
1962	Jan.	33,380	20,320	448	.182	.022	.124	.181	.035	.455	
1962	Feb.	60,850	28,670	346	.195	.022	.116	.208	.031	.429	
1962	Mar.	70,030	32,280	339	.195	.022	.115	.210	.031	.427	
1962	Apr.	329,500	88,950	199	.220	.021	.096	.275	.023	.365	
1962	May	352,200	59,250	124	.247	.024	.074	.305	.028	.323	
1962	June	305,800	53,790	129	.246	.024	.075	.300	.028	.327	
1962	July	92,270	29,480	235	.217	.024	.097	.236	.034	.393	
1962	Aug.	28,740	14,110	361	.195	.024	.112	.190	.040	.439	
1962	Sept.	24,690	16,740	499	.176	.022	.130	.172	.036	.465	
1962	Oct.	46,230	34,780	553	.166	.019	.145	.176	.027	.467	
1962	Nov.	33,660	24,440	534	.171	.021	.136	.171	.032	.469	
1962	Dec.	24,970	19,840	584	.167	.021	.138	.162	.034	.478	
1963	Jan.	20,250	16,960	616	.164	.021	.140	.156	.035	.484	
1963	Feb.	25,740	20,120	575	.168	.021	.138	.164	.033	.476	
1963	Mar.	38,930	23,100	436	.182	.022	.125	.183	.034	.454	
1963	Apr.	64,880	27,840	316	.200	.022	.111	.213	.032	.421	
1963	May	116,200	32,070	203	.224	.024	.106	.250	.033	.378	
1963	June	55,090	22,010	294	.205	.023	.106	.213	.036	.417	
1963	July	22,050	12,650	422	.187	.023	.118	.178	.041	.453	

1963 Aug.	36,050	25,990	530	.169	.020	.140	.172	.030	.469
1963 Sept.	43,040	23,760	406	.186	.022	.122	.191	.033	.446
1963 Oct.	33,180	20,000	443	.180	.022	.128	.181	.035	.454
1963 Nov.	34,800	18,300	387	.192	.024	.114	.191	.037	.442
1963 Dec.	30,980	16,160	384	.193	.024	.112	.189	.038	.442
1964 Jan.	29,240	17,460	439	.183	.023	.122	.179	.039	.455
1964 Feb.	21,540	13,960	477	.179	.023	.125	.171	.040	.462
1964 Mar.	21,460	14,590	500	.175	.023	.128	.167	.041	.466
1964 Apr.	23,260	14,820	468	.179	.023	.124	.172	.040	.461
1964 May	123,300	35,200	210	.225	.023	.089	.253	.027	.382
1964 June	141,000	45,030	225	.221	.023	.093	.250	.025	.388
1964 July	114,600	42,840	275	.210	.022	.103	.233	.026	.406
1964 Aug.	98,630	69,820	521	.158	.017	.165	.187	.018	.455
1964 Sept.	33,080	19,700	438	.182	.023	.124	.182	.035	.453
1964 Oct.	29,860	15,600	384	.189	.025	.117	.192	.035	.442
1964 Nov.	32,740	20,060	451	.178	.023	.129	.183	.031	.457
1964 Dec.	47,530	26,330	407	.182	.023	.126	.194	.028	.447
1965 Jan.	114,600	50,060	321	.188	.023	.123	.220	.023	.424
1965 Feb.	112,900	43,190	281	.199	.024	.111	.235	.024	.408
1965 Mar.	71,290	33,860	349	.189	.023	.120	.210	.026	.432
1965 Apr.	154,600	54,820	261	.200	.024	.109	.244	.022	.400
1965 May	283,700	80,140	208	.211	.024	.099	.272	.020	.374
1965 June	433,800	93,200	158	.221	.025	.088	.301	.019	.345
1965 July	283,000	68,750	179	.213	.025	.098	.276	.021	.367
1965 Aug.	195,400	57,870	218	.208	.024	.104	.260	.022	.383
1965 Sept.	162,800	43,170	195	.217	.026	.093	.267	.025	.371
1965 Oct.	171,200	43,090	185	.215	.027	.092	.272	.025	.370
1965 Nov.	210,200	49,210	172	.217	.027	.089	.282	.024	.360
1965 Dec.	207,900	56,000	198	.209	.026	.097	.269	.023	.376
1966 Jan.	195,800	52,380	197	.211	.026	.095	.270	.024	.374
1966 Feb.	113,100	40,100	261	.197	.025	.107	.238	.025	.407
1966 Mar.	159,600	66,070	304	.184	.022	.123	.225	.021	.424
1966 Apr.	231,700	71,370	227	.201	.024	.104	.260	.021	.389
1966 May	261,200	72,070	203	.207	.025	.099	.271	.022	.377
1966 June	127,900	37,550	216	.208	.026	.097	.255	.026	.387
1966 July	49,580	28,040	416	.168	.022	.138	.181	.027	.464
1966 Aug.	33,490	20,470	449	.169	.023	.133	.176	.030	.469
1966 Sept.	28,450	14,640	379	.184	.025	.116	.190	.035	.451
1966 Oct.	95,950	28,090	215	.206	.028	.096	.251	.030	.388
1966 Nov.	52,180	21,190	239	.194	.026	.108	.214	.031	.426
1966 Dec.	48,310	30,940	471	.172	.022	.131	.180	.026	.469
1967 Jan.	44,140	24,710	412	.182	.024	.120	.190	.029	.455
1967 Feb.	53,410	23,930	329	.190	.025	.113	.209	.029	.434
1967 Mar.	88,670	33,170	275	.195	.026	.107	.229	.028	.415
1967 Apr.	30,560	16,860	406	.186	.024	.116	.188	.032	.454
1967 May	92,610	30,970	246	.197	.027	.104	.237	.028	.407
1967 June	83,770	30,340	266	.196	.027	.107	.231	.028	.412
1967 July	32,930	24,500	547	.163	.021	.140	.161	.026	.489
1967 Aug.	105,300	97,250	679	.133	.017	.178	.150	.014	.507
1967 Sept.	61,490	29,460	352	.183	.024	.120	.204	.026	.442
1967 Oct.	25,140	15,070	441	.184	.023	.118	.179	.032	.464
1967 Nov.	25,270	14,580	424	.186	.023	.116	.183	.033	.459

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 63. 09365000 San Juan River at Farmington, N. Mex., water years 1962 through 1982--Continued										
1967	Dec.	33,550	20,220	443	0.182	0.023	0.121	0.182	0.029	0.464
1968	Jan.	32,480	20,000	453	.180	.022	.122	.180	.029	.467
1968	Feb.	36,300	23,290	472	.177	.022	.126	.179	.026	.470
1968	Mar.	40,990	24,070	432	.182	.022	.121	.186	.027	.461
1968	Apr.	81,870	32,810	295	.201	.023	.106	.229	.024	.416
1968	May	157,000	47,900	224	.212	.024	.097	.262	.021	.384
1968	June	253,000	56,020	163	.226	.024	.084	.302	.020	.344
1968	July	77,120	33,210	317	.197	.023	.110	.221	.024	.425
1968	Aug.	102,600	68,070	488	.161	.018	.150	.179	.016	.476
1968	Sept.	46,460	20,260	321	.200	.024	.106	.214	.029	.427
1968	Oct.	38,280	20,390	392	.188	.024	.119	.196	.025	.447
1968	Nov.	32,600	19,640	443	.182	.023	.125	.185	.025	.460
1968	Dec.	42,740	23,830	410	.186	.024	.121	.194	.024	.451
1969	Jan.	64,110	35,000	401	.184	.023	.124	.198	.021	.451
1969	Feb.	126,600	39,970	232	.212	.027	.096	.255	.021	.389
1969	Mar.	123,800	44,850	266	.204	.026	.104	.240	.020	.406
1969	Apr.	183,700	55,620	223	.213	.027	.095	.262	.019	.384
1969	May	272,500	67,130	181	.221	.028	.087	.285	.018	.361
1969	June	246,500	62,770	187	.220	.028	.088	.282	.018	.364
1969	July	189,100	60,940	237	.207	.026	.101	.253	.018	.395
1969	Aug.	94,740	44,380	344	.191	.023	.118	.213	.020	.435
1969	Sept.	103,500	45,080	320	.194	.024	.115	.220	.019	.428
1969	Oct.	142,600	58,980	304	.191	.024	.118	.227	.019	.421
1969	Nov.	107,100	38,230	263	.202	.027	.105	.241	.022	.404
1969	Dec.	110,000	36,880	246	.205	.028	.102	.247	.022	.397
1970	Jan.	81,200	33,950	307	.191	.025	.116	.220	.022	.426
1970	Feb.	133,300	35,510	196	.215	.030	.091	.270	.022	.372
1970	Mar.	109,400	31,420	211	.212	.030	.094	.260	.023	.381
1970	Apr.	42,640	19,640	339	.189	.026	.117	.210	.024	.434
1970	May	166,300	44,770	198	.212	.029	.094	.268	.022	.375
1970	June	141,500	40,160	209	.212	.029	.094	.264	.022	.378
1970	July	70,480	31,070	324	.190	.025	.117	.217	.022	.429
1970	Aug.	54,540	34,200	461	.165	.020	.147	.179	.019	.469
1970	Sept.	198,200	72,580	269	.197	.024	.111	.243	.019	.406
1970	Oct.	137,600	44,660	239	.203	.030	.101	.248	.024	.395
1970	Nov.	124,500	38,520	228	.205	.030	.099	.250	.024	.392
1970	Dec.	147,000	44,100	221	.206	.030	.097	.254	.024	.388
1971	Jan.	157,500	45,490	212	.208	.031	.096	.258	.024	.384
1971	Feb.	137,300	39,840	213	.207	.031	.097	.256	.024	.386
1971	Mar.	95,460	33,700	260	.198	.029	.106	.236	.024	.407

1971	Apr.	64,330	27,160	310	.190	.027	.114	.219	.024	.425
1971	May	93,780	38,670	303	.191	.027	.113	.224	.024	.421
1971	June	144,900	42,180	214	.207	.031	.096	.256	.024	.386
1971	July	65,410	28,960	326	.188	.027	.117	.215	.024	.429
1971	Aug.	56,090	37,910	497	.168	.021	.140	.184	.023	.465
1971	Sept.	43,000	24,360	417	.173	.024	.134	.191	.023	.455
1971	Oct.	56,870	33,660	435	.174	.024	.132	.198	.026	.446
1971	Nov.	41,000	24,080	432	.171	.024	.133	.190	.025	.456
1971	Dec.	86,390	35,650	303	.189	.028	.117	.228	.026	.412
1972	Jan.	119,900	40,030	246	.198	.031	.108	.247	.026	.390
1972	Feb.	110,700	39,020	259	.197	.031	.109	.245	.026	.392
1972	Mar.	127,000	42,080	244	.200	.032	.106	.251	.026	.385
1972	Apr.	72,890	29,320	296	.188	.029	.117	.224	.026	.416
1972	May	99,640	36,690	271	.194	.030	.112	.237	.026	.401
1972	June	110,700	39,200	260	.196	.031	.110	.244	.026	.394
1972	July	31,470	16,660	389	.172	.025	.131	.188	.025	.459
1972	Aug.	40,320	29,060	530	.163	.021	.145	.180	.025	.465
1972	Sept.	48,080	26,150	400	.175	.025	.130	.199	.026	.446
1972	Oct.	143,400	78,630	403	.182	.024	.128	.224	.024	.418
1972	Nov.	84,000	42,020	368	.181	.026	.127	.213	.025	.428
1972	Dec.	99,270	42,000	311	.188	.029	.119	.227	.026	.411
1973	Jan.	98,720	39,070	291	.191	.030	.117	.231	.026	.406
1973	Feb.	124,900	48,650	286	.194	.030	.114	.242	.026	.394
1973	Mar.	104,100	59,830	422	.177	.024	.131	.209	.025	.433
1973	Apr.	117,800	53,290	333	.187	.027	.121	.227	.025	.412
1973	May	387,500	107,300	204	.212	.034	.096	.295	.025	.338
1973	June	451,600	106,700	174	.218	.036	.090	.312	.025	.320
1973	July	386,800	97,290	185	.215	.035	.093	.301	.025	.330
1973	Aug.	231,700	71,240	226	.206	.033	.103	.272	.026	.361
1973	Sept.	178,100	55,350	229	.204	.033	.104	.265	.026	.368
1973	Oct.	126,700	37,890	220	.203	.035	.104	.255	.027	.376
1973	Nov.	124,500	35,810	212	.205	.036	.103	.258	.027	.372
1973	Dec.	131,300	38,480	216	.204	.035	.103	.258	.027	.373
1974	Jan.	123,800	42,100	250	.198	.033	.110	.246	.027	.387
1974	Feb.	85,610	31,130	267	.192	.032	.115	.233	.027	.401
1974	Mar.	86,260	38,080	325	.184	.029	.124	.218	.027	.418
1974	Apr.	67,890	26,040	282	.188	.032	.118	.222	.028	.412
1974	May	127,100	38,790	224	.202	.034	.105	.254	.027	.377
1974	June	80,780	30,670	279	.190	.031	.117	.227	.028	.407
1974	July	49,790	32,180	475	.161	.023	.148	.181	.027	.460
1974	Aug.	34,570	17,430	371	.170	.028	.134	.186	.030	.452
1974	Sept.	36,890	18,100	361	.173	.028	.132	.190	.030	.447
1974	Oct.	54,530	38,030	513	.159	.022	.151	.172	.026	.471
1974	Nov.	52,180	30,420	429	.166	.025	.142	.185	.026	.457
1974	Dec.	50,390	27,840	406	.167	.026	.140	.188	.026	.453
1975	Jan.	56,290	29,390	384	.171	.026	.136	.194	.026	.447
1975	Feb.	46,700	27,440	432	.165	.025	.142	.183	.026	.458
1975	Mar.	84,540	50,160	436	.169	.024	.141	.188	.026	.452
1975	Apr.	132,700	51,870	287	.191	.029	.118	.231	.025	.406
1975	May	292,200	82,170	207	.210	.033	.100	.271	.024	.362
1975	June	397,500	92,100	170	.220	.035	.090	.295	.024	.337
1975	July	318,700	81,810	189	.213	.034	.096	.279	.024	.353
1975	Aug.	135,800	49,030	266	.194	.030	.114	.237	.025	.399
1975	Sept.	115,700	45,580	290	.188	.029	.120	.227	.025	.410

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 63. 09365000 San Juan River at Farmington, N. Mex., water years 1962 through 1982--Continued										
1975	Oct.	99,470	34,880	258	0.192	0.031	0.114	0.232	0.025	0.406
1975	Nov.	99,510	33,900	251	.194	.032	.112	.235	.025	.403
1975	Dec.	116,200	38,810	246	.196	.032	.110	.239	.025	.398
1976	Jan.	93,420	33,820	266	.190	.031	.116	.227	.025	.410
1976	Feb.	75,150	31,740	311	.181	.028	.127	.213	.027	.423
1976	Mar.	74,680	33,000	325	.178	.028	.131	.208	.027	.428
1976	Apr.	61,610	18,660	223	.196	.034	.104	.231	.022	.413
1976	May	188,300	49,260	192	.208	.035	.098	.268	.024	.366
1976	June	189,400	81,000	315	.187	.027	.129	.234	.031	.391
1976	July	62,700	25,210	296	.182	.029	.124	.211	.025	.428
1976	Aug.	39,940	17,860	329	.173	.028	.131	.194	.025	.449
1976	Sept.	51,490	24,640	352	.173	.027	.136	.196	.027	.442
1976	Oct.	44,780	21,770	358	.171	.027	.137	.190	.025	.450
1976	Nov.	35,640	18,230	376	.167	.026	.141	.185	.024	.456
1976	Dec.	91,770	34,560	277	.189	.029	.118	.214	.027	.423
1977	Jan.	94,770	37,870	294	.184	.028	.127	.208	.029	.425
1977	Feb.	53,320	26,210	362	.172	.026	.138	.192	.027	.444
1977	Mar.	35,820	16,860	346	.172	.028	.134	.189	.024	.454
1977	Apr.	24,850	11,450	339	.170	.028	.133	.187	.022	.460
1977	May	35,400	19,280	401	.164	.026	.146	.181	.025	.458
1977	June	58,500	20,970	264	.188	.030	.116	.211	.024	.430
1977	July	47,270	36,170	563	.143	.020	.194	.160	.035	.447
1977	Aug.	64,990	43,110	488	.153	.022	.177	.173	.036	.440
1977	Sept.	34,580	16,830	358	.169	.027	.138	.187	.024	.455
1977	Oct.	39,420	20,000	373	.170	.026	.136	.182	.027	.458
1977	Nov.	44,600	25,080	413	.164	.025	.147	.179	.029	.457
1977	Dec.	47,300	26,190	407	.165	.025	.145	.180	.029	.457
1978	Jan.	55,150	29,670	396	.167	.025	.144	.184	.029	.452
1978	Feb.	54,540	30,700	414	.164	.024	.149	.182	.029	.451
1978	Mar.	76,850	44,680	428	.162	.024	.155	.184	.030	.445
1978	Apr.	90,840	34,160	277	.188	.030	.118	.210	.027	.427
1978	May	164,300	53,200	238	.196	.031	.112	.226	.027	.408
1978	June	226,400	56,460	183	.212	.034	.095	.245	.026	.387
1978	July	73,780	28,100	280	.187	.029	.118	.206	.027	.433
1978	Aug.	27,030	13,190	359	.171	.027	.131	.179	.026	.465
1978	Sept.	42,750	20,180	347	.174	.027	.132	.188	.027	.452
1978	Oct.	50,530	25,360	369	.172	.027	.133	.188	.029	.452
1978	Nov.	61,550	29,910	357	.173	.027	.133	.192	.028	.447
1978	Dec.	57,770	28,270	360	.173	.027	.132	.191	.028	.448
1979	Jan.	60,430	33,110	403	.165	.025	.143	.185	.028	.454

1979	Feb.	70,080	40,280	423	.160	.024	.150	.186	.028	.452
1979	Mar.	156,200	74,280	350	.169	.025	.142	.204	.027	.433
1979	Apr.	407,300	118,600	214	.201	.031	.107	.250	.026	.386
1979	May	543,500	136,800	185	.209	.033	.098	.263	.025	.372
1979	June	583,300	122,200	154	.222	.036	.086	.275	.024	.356
1979	July	421,600	91,150	159	.222	.036	.086	.268	.025	.363
1979	Aug.	134,300	39,130	214	.204	.033	.103	.231	.027	.402
1979	Sept.	40,560	16,280	295	.188	.030	.115	.197	.029	.440
1979	Oct.	54,650	23,820	320	.174	.028	.128	.194	.033	.443
1979	Nov.	43,640	22,990	387	.163	.025	.139	.178	.034	.460
1979	Dec.	123,300	35,340	211	.198	.034	.106	.236	.028	.398
1980	Jan.	125,100	44,810	264	.186	.031	.118	.221	.029	.415
1980	Feb.	129,900	44,770	253	.187	.031	.119	.224	.028	.411
1980	Mar.	168,100	50,480	221	.197	.033	.108	.239	.027	.395
1980	Apr.	182,500	58,350	235	.191	.032	.115	.234	.027	.401
1980	May	296,200	75,410	187	.206	.036	.100	.262	.025	.372
1980	June	381,300	69,150	133	.223	.041	.083	.292	.022	.338
1980	July	125,700	36,300	212	.199	.034	.105	.237	.028	.397
1980	Aug.	77,560	24,540	233	.193	.033	.109	.223	.030	.412
1980	Sept.	88,600	30,550	254	.188	.031	.115	.220	.030	.415
1980	Oct.	79,980	25,460	234	.194	.032	.111	.229	.030	.404
1980	Nov.	94,420	28,920	225	.197	.032	.108	.236	.029	.398
1980	Dec.	96,310	29,930	229	.196	.032	.108	.234	.030	.399
1981	Jan.	110,900	31,910	212	.201	.033	.105	.243	.029	.390
1981	Feb.	69,210	22,120	235	.194	.032	.111	.229	.030	.405
1981	Mar.	48,200	20,260	309	.178	.029	.123	.200	.034	.436
1981	Apr.	38,010	17,180	332	.174	.028	.127	.192	.034	.444
1981	May	67,100	23,180	254	.189	.031	.115	.219	.031	.415
1981	June	115,500	31,910	203	.201	.033	.104	.244	.029	.389
1981	July	81,950	29,930	269	.187	.031	.115	.216	.033	.417
1981	Aug.	54,930	18,760	251	.187	.030	.117	.217	.031	.418
1981	Sept.	67,610	25,830	281	.183	.031	.118	.209	.034	.425
1981	Oct.	98,340	33,940	254	.190	.032	.113	.221	.033	.413
1981	Nov.	47,860	20,570	316	.178	.029	.124	.199	.034	.437
1981	Dec.	48,240	20,800	317	.178	.029	.124	.198	.034	.437
1982	Jan.	56,850	22,930	297	.182	.030	.121	.206	.033	.430
1982	Feb.	46,720	22,220	350	.174	.029	.126	.191	.036	.445
1982	Mar.	72,920	27,570	278	.187	.031	.116	.214	.032	.420
1982	Apr.	128,200	39,790	228	.199	.033	.105	.239	.030	.393
1982	May	228,200	59,990	193	.210	.036	.096	.261	.028	.370
1982	June	273,000	67,230	181	.214	.037	.092	.270	.027	.360
1982	July	154,600	45,780	218	.202	.034	.102	.245	.029	.387
1982	Aug.	131,600	40,710	227	.199	.033	.105	.239	.030	.393
1982	Sept.	137,200	41,940	225	.201	.034	.104	.241	.030	.391

Site 64. 09367950 Chaco River near Waterflow, N. Mex.,
water years 1976 through 1983.

1975	Nov.	787	2,021	1,890	.121	.034	.155	.031	.073	.586
1975	Dec.	868	1,731	1,470	.120	.031	.163	.045	.070	.571
1976	Jan.	612	1,554	1,870	.118	.035	.157	.032	.072	.585
1976	Feb.	701	1,823	1,910	.120	.035	.155	.031	.073	.586
1976	Mar.	829	2,112	1,870	.121	.034	.155	.031	.073	.585

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 64. 09367950 Chaco River near Waterflow, N. Mex., water years 1976 through 1983--Continued										
1976	Apr.	651	1,732	1,960	0.119	0.035	0.155	0.030	0.073	0.587
1976	May	736	1,923	1,920	.120	.035	.155	.030	.073	.587
1976	June	660	1,741	1,940	.120	.035	.155	.030	.073	.587
1976	July	1,153	2,605	1,660	.125	.032	.155	.036	.072	.580
1976	Aug.	3,306	5,345	1,190	.138	.026	.152	.053	.070	.560
1976	Sept.	1,631	3,304	1,490	.130	.030	.154	.041	.072	.574
1976	Oct.	1,367	3,157	1,700	.125	.032	.155	.035	.072	.581
1976	Nov.	1,541	3,448	1,650	.127	.031	.155	.036	.072	.579
1976	Dec.	1,329	3,082	1,710	.125	.032	.155	.035	.072	.581
1977	Jan.	1,037	2,525	1,790	.123	.033	.155	.033	.072	.583
1977	Feb.	592	1,585	1,970	.119	.035	.155	.030	.073	.588
1977	Mar.	655	1,747	1,960	.119	.035	.155	.030	.073	.588
1977	Apr.	581	1,588	2,010	.118	.036	.155	.029	.073	.589
1977	May	682	1,812	1,950	.119	.035	.156	.030	.073	.587
1977	June	549	1,517	2,030	.118	.036	.156	.029	.073	.589
1977	July	6,430	9,177	1,050	.145	.024	.150	.060	.069	.552
1977	Aug.	11,490	13,990	896	.149	.021	.150	.073	.068	.539
1977	Sept.	835	2,050	1,800	.122	.034	.155	.033	.072	.584
1977	Oct.	699	1,937	2,040	.117	.039	.153	.028	.074	.589
1977	Nov.	1,178	2,442	1,520	.113	.032	.166	.039	.068	.582
1977	Dec.	1,031	2,449	1,750	.115	.033	.161	.033	.070	.587
1978	Jan.	1,184	2,712	1,680	.115	.031	.163	.035	.069	.586
1978	Feb.	1,785	3,359	1,380	.112	.026	.173	.044	.065	.581
1978	Mar.	2,616	4,061	1,140	.108	.023	.180	.055	.062	.572
1978	Apr.	1,341	2,786	1,530	.113	.030	.167	.039	.068	.583
1978	May	5,054	4,539	660	.099	.019	.196	.098	.052	.536
1978	June	1,176	2,715	1,700	.115	.032	.162	.035	.069	.587
1978	July	1,210	2,751	1,670	.114	.031	.164	.035	.069	.586
1978	Aug.	1,000	2,506	1,840	.117	.035	.158	.031	.071	.588
1978	Sept.	6,797	6,001	649	.102	.017	.191	.100	.052	.539
1978	Oct.	3,457	3,454	735	.087	.016	.226	.089	.053	.529
1978	Nov.	8,807	5,119	427	.072	.010	.250	.152	.044	.471
1978	Dec.	3,556	3,177	657	.086	.017	.226	.099	.052	.520
1979	Jan.	13,370	4,946	272	.063	.010	.244	.227	.039	.417
1979	Feb.	15,400	5,951	284	.061	.008	.262	.215	.036	.418
1979	Mar.	5,215	3,984	562	.081	.014	.237	.117	.050	.503
1979	Apr.	3,352	3,326	730	.087	.016	.227	.090	.053	.528
1979	May	1,735	2,531	1,070	.097	.021	.205	.059	.058	.559
1979	June	864	1,684	1,430	.105	.029	.183	.043	.065	.575
1979	July	1,333	2,416	1,330	.102	.024	.195	.047	.060	.573

1979 Aug.	2,644	2,868	798	.091	.019	.216	.082	.055	.537
1979 Sept.	1,910	2,617	1,010	.095	.020	.209	.064	.058	.553
1979 Oct.	2,291	2,970	933	.098	.026	.196	.078	.066	.537
1979 Nov.	980	1,221	916	.096	.035	.198	.080	.064	.537
1979 Dec.	248	443	1,320	.105	.031	.181	.050	.061	.573
1980 Jan.	1,500	1,665	816	.090	.023	.207	.091	.064	.525
1980 Feb.	3,221	3,427	782	.089	.022	.209	.096	.065	.519
1980 Mar.	849	1,191	1,030	.095	.025	.198	.067	.062	.552
1980 Apr.	1,480	1,825	907	.093	.024	.203	.080	.063	.537
1980 May	3,229	3,502	797	.090	.022	.209	.094	.064	.521
1980 June	606	895	1,020	.096	.026	.196	.063	.061	.558
1980 July	902	1,255	1,020	.095	.025	.198	.068	.062	.551
1980 Aug.	1,107	1,491	990	.094	.025	.200	.071	.062	.548
1980 Sept.	1,859	2,032	804	.090	.023	.207	.093	.064	.523
1980 Oct.	1,172	1,759	1,100	.097	.028	.192	.070	.067	.545
1980 Nov.	1,254	1,838	1,080	.098	.028	.192	.072	.067	.543
1980 Dec.	738	1,193	1,190	.095	.029	.192	.065	.066	.553
1981 Jan.	1,214	1,808	1,100	.097	.028	.192	.071	.067	.544
1981 Feb.	851	1,333	1,150	.096	.029	.192	.068	.066	.549
1981 Mar.	922	1,425	1,140	.096	.029	.192	.068	.066	.549
1981 Apr.	1,109	1,669	1,110	.097	.028	.192	.070	.067	.545
1981 May	1,166	1,749	1,100	.097	.028	.192	.076	.067	.545
1981 June	1,065	1,457	1,010	.100	.028	.192	.076	.068	.537
1981 July	3,186	3,209	741	.109	.025	.190	.098	.071	.507
1981 Aug.	436	669	1,130	.096	.029	.192	.069	.067	.548
1981 Sept.	1,950	2,490	939	.102	.027	.191	.080	.069	.531
1981 Oct.	6,004	4,780	585	.119	.027	.174	.116	.077	.487
1981 Nov.	1,067	1,538	1,060	.095	.031	.189	.074	.069	.543
1981 Dec.	861	1,250	1,070	.095	.031	.189	.073	.069	.544
1982 Jan.	13	44	2,510	.061	.035	.202	.033	.053	.615
1982 Feb.	1,606	1,683	771	.109	.029	.181	.095	.074	.512
1982 Mar.	3,027	3,409	828	.106	.029	.183	.090	.073	.519
1982 Apr.	1,165	1,613	1,020	.097	.030	.188	.076	.070	.540
1982 May	1,537	2,003	958	.099	.030	.186	.080	.071	.534
1982 June	108	159	1,080	.094	.031	.189	.072	.068	.546
1982 July	1,044	1,493	1,050	.095	.031	.188	.074	.069	.542
1982 Aug.	15,510	11,030	523	.126	.026	.170	.129	.080	.469
1982 Sept.	5,141	4,866	636	.113	.028	.178	.103	.076	.501
1982 Oct.	1,317	1,951	1,090	.103	.035	.172	.074	.071	.545
1982 Nov.	1,079	1,676	1,140	.100	.036	.173	.071	.071	.549
1982 Dec.	1,307	1,930	1,090	.103	.035	.172	.074	.071	.545
1983 Jan.	2,600	3,062	866	.114	.032	.168	.086	.071	.528
1983 Feb.	2,364	2,897	901	.114	.032	.168	.085	.071	.529
1983 Mar.	1,853	2,456	975	.108	.034	.170	.080	.071	.537
1983 Apr.	1,930	2,398	914	.110	.033	.170	.082	.071	.534
1983 May	3,100	3,475	824	.117	.032	.167	.089	.071	.524
1983 June	1,137	1,741	1,130	.101	.036	.173	.072	.071	.548
1983 July	2,486	2,454	726	.119	.032	.166	.092	.071	.520
1983 Aug.	9,966	5,426	400	.153	.025	.152	.135	.070	.466
1983 Sept.	1,178	1,783	1,110	.102	.035	.172	.073	.071	.547

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 65. 09368000 San Juan River at Shiprock, N. Mex., water years 1960 through 1983.										
1959	Oct.	92,980	51,740	409	0.170	0.028	0.132	0.178	0.042	0.450
1959	Nov.	75,620	45,860	446	.167	.028	.134	.170	.043	.457
1959	Dec.	42,600	34,920	603	.153	.028	.145	.141	.047	.485
1960	Jan.	34,040	30,670	663	.148	.028	.149	.131	.049	.495
1960	Feb.	37,110	31,430	623	.152	.028	.146	.138	.048	.489
1960	Mar.	273,200	155,200	418	.172	.018	.144	.211	.032	.424
1960	Apr.	327,900	90,090	202	.201	.030	.103	.258	.033	.375
1960	May	301,900	83,790	204	.200	.030	.103	.253	.034	.379
1960	June	394,100	76,730	143	.213	.035	.088	.284	.032	.348
1960	July	84,550	40,380	351	.175	.032	.124	.182	.043	.443
1960	Aug.	15,440	16,060	765	.137	.032	.151	.111	.055	.514
1960	Sept.	17,510	18,320	769	.139	.031	.151	.113	.054	.512
1960	Oct.	47,380	38,660	600	.152	.026	.149	.145	.045	.483
1960	Nov.	37,610	35,580	696	.147	.026	.152	.132	.047	.495
1960	Dec.	37,150	36,700	726	.146	.026	.154	.130	.047	.497
1961	Jan.	31,920	33,210	765	.143	.026	.156	.125	.048	.502
1961	Feb.	32,800	32,980	739	.145	.025	.155	.129	.048	.498
1961	Mar.	67,810	49,930	542	.159	.025	.144	.157	.043	.471
1961	Apr.	163,100	68,830	310	.183	.028	.121	.209	.038	.421
1961	May	313,500	73,800	173	.206	.034	.096	.262	.034	.368
1961	June	230,800	59,500	190	.201	.035	.100	.247	.036	.381
1961	July	39,830	27,930	516	.157	.031	.139	.147	.048	.479
1961	Aug.	78,850	63,030	588	.157	.022	.152	.162	.040	.467
1961	Sept.	102,400	72,370	520	.161	.021	.152	.176	.037	.453
1961	Oct.	84,450	49,890	434	.169	.027	.133	.174	.042	.455
1961	Nov.	63,120	42,580	496	.164	.028	.136	.157	.044	.471
1961	Dec.	40,100	32,060	598	.155	.029	.140	.136	.047	.492
1962	Jan.	34,160	29,670	639	.151	.029	.143	.129	.048	.500
1962	Feb.	71,980	49,300	504	.164	.024	.139	.165	.042	.465
1962	Mar.	71,530	47,120	484	.164	.027	.136	.161	.043	.468
1962	Apr.	324,200	89,280	203	.198	.027	.104	.257	.035	.378
1962	May	341,200	76,310	165	.205	.032	.095	.266	.035	.367
1962	June	290,700	66,940	169	.204	.033	.096	.258	.036	.373
1962	July	81,830	38,570	347	.176	.033	.121	.177	.044	.449
1962	Aug.	17,000	15,160	656	.143	.036	.140	.110	.054	.518
1962	Sept.	21,340	26,550	915	.137	.023	.161	.115	.048	.517
1962	Oct.	59,740	64,810	798	.148	.018	.162	.147	.033	.491
1962	Nov.	37,460	35,340	694	.150	.026	.146	.129	.043	.506
1962	Dec.	28,820	29,720	758	.146	.027	.148	.119	.045	.516
1963	Jan.	23,970	26,810	822	.142	.027	.151	.113	.046	.523

1963	Feb.	28,820	28,710	733	.147	.027	.147	.122	.044	.512
1963	Mar.	39,200	30,590	574	.156	.029	.138	.136	.045	.496
1963	Apr.	60,020	32,280	395	.172	.031	.125	.165	.043	.464
1963	May	101,100	39,420	287	.186	.031	.113	.195	.041	.434
1963	June	40,240	24,360	445	.166	.033	.127	.148	.047	.480
1963	July	11,370	13,230	855	.136	.032	.148	.100	.052	.534
1963	Aug.	33,080	37,500	834	.142	.023	.157	.123	.040	.515
1963	Sept.	44,710	39,730	653	.152	.024	.149	.140	.039	.495
1963	Oct.	28,650	28,370	728	.148	.026	.148	.124	.040	.514
1963	Nov.	34,990	27,020	568	.160	.029	.134	.138	.042	.496
1963	Dec.	35,420	24,870	516	.164	.031	.129	.143	.043	.490
1964	Jan.	31,260	25,220	593	.157	.030	.135	.133	.044	.501
1964	Feb.	22,750	20,060	648	.153	.031	.137	.124	.046	.509
1964	Mar.	22,060	20,160	672	.151	.031	.138	.120	.047	.513
1964	Apr.	20,530	19,140	685	.149	.031	.139	.119	.047	.514
1964	May	108,200	41,780	284	.190	.027	.111	.208	.033	.430
1964	June	130,700	53,250	300	.192	.026	.112	.209	.031	.430
1964	July	111,500	69,130	456	.170	.022	.137	.173	.029	.469
1964	Aug.	110,500	104,500	695	.155	.016	.160	.161	.023	.486
1964	Sept.	37,780	38,160	743	.149	.023	.150	.130	.036	.512
1964	Oct.	28,540	24,560	633	.155	.029	.138	.133	.040	.505
1964	Nov.	33,580	31,630	693	.153	.026	.144	.131	.035	.511
1964	Dec.	52,290	40,720	573	.160	.026	.139	.148	.033	.494
1965	Jan.	114,300	60,450	389	.175	.026	.129	.182	.030	.458
1965	Feb.	108,200	52,310	356	.180	.028	.122	.192	.031	.447
1965	Mar.	79,360	48,460	449	.170	.027	.131	.168	.032	.472
1965	Apr.	148,600	67,290	333	.182	.026	.122	.201	.029	.440
1965	May	273,500	90,880	244	.194	.028	.110	.236	.027	.406
1965	June	437,900	109,200	183	.203	.028	.100	.270	.025	.374
1965	July	292,200	95,450	240	.189	.026	.115	.231	.026	.412
1965	Aug.	206,100	106,700	381	.173	.021	.138	.194	.022	.452
1965	Sept.	159,000	61,440	284	.187	.029	.115	.212	.030	.426
1965	Oct.	169,100	60,030	261	.192	.033	.111	.215	.031	.418
1965	Nov.	209,800	69,340	243	.195	.032	.109	.227	.030	.409
1965	Dec.	210,300	77,870	272	.188	.029	.115	.218	.029	.421
1966	Jan.	194,900	68,310	258	.192	.031	.111	.220	.030	.416
1966	Feb.	116,000	53,410	339	.180	.030	.122	.192	.031	.446
1966	Mar.	172,000	83,600	357	.173	.025	.131	.194	.027	.450
1966	Apr.	223,000	79,850	263	.190	.029	.114	.223	.028	.416
1966	May	243,100	80,180	243	.194	.030	.110	.230	.029	.408
1966	June	115,300	47,600	304	.186	.033	.115	.198	.032	.436
1966	July	42,100	36,010	629	.145	.026	.155	.133	.031	.509
1966	Aug.	30,470	29,180	704	.144	.027	.150	.125	.034	.519
1966	Sept.	24,840	21,890	648	.151	.032	.140	.127	.038	.513
1966	Oct.	91,890	42,320	339	.187	.033	.112	.189	.031	.447
1966	Nov.	58,750	36,190	453	.169	.030	.128	.161	.032	.480
1966	Dec.	56,480	48,090	626	.147	.024	.154	.144	.030	.501
1967	Jan.	45,270	29,290	476	.173	.033	.123	.153	.033	.485
1967	Feb.	65,550	41,380	464	.167	.028	.131	.164	.031	.479
1967	Mar.	81,900	41,180	370	.183	.032	.116	.181	.032	.457
1967	Apr.	21,520	18,140	620	.159	.033	.131	.127	.035	.516
1967	May	78,420	39,430	370	.178	.031	.120	.180	.031	.460
1967	June	82,070	49,480	443	.165	.027	.136	.171	.030	.471
1967	July	26,750	30,070	827	.137	.024	.160	.116	.031	.531

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 65. 09368000 San Juan River at Shiprock, N. Mex., water years 1960 through 1983--Continued										
1967	Aug.	129,500	144,500	820	0.108	0.012	0.231	0.136	0.022	0.491
1967	Sept.	72,010	47,550	486	.158	.025	.143	.164	.029	.481
1967	Oct.	19,560	18,450	694	.159	.033	.134	.117	.038	.519
1967	Nov.	29,060	24,730	626	.159	.031	.136	.131	.035	.509
1967	Dec.	38,990	30,040	567	.162	.030	.133	.142	.033	.499
1968	Jan.	38,740	28,710	545	.166	.031	.131	.144	.033	.496
1968	Feb.	43,320	35,390	601	.153	.027	.142	.143	.031	.504
1968	Mar.	45,250	35,220	572	.158	.028	.138	.145	.031	.500
1968	Apr.	79,330	40,710	377	.181	.031	.118	.184	.027	.458
1968	May	142,500	55,730	288	.191	.030	.109	.218	.024	.428
1968	June	241,400	66,000	201	.210	.031	.092	.264	.020	.383
1968	July	68,520	45,560	489	.159	.027	.139	.164	.028	.483
1968	Aug.	107,700	83,220	568	.132	.020	.172	.168	.023	.485
1968	Sept.	34,150	23,200	500	.177	.034	.121	.147	.034	.487
1968	Oct.	40,420	31,190	567	.163	.028	.133	.150	.029	.497
1968	Nov.	39,470	33,230	619	.156	.026	.139	.145	.029	.503
1968	Dec.	47,610	33,360	515	.168	.029	.129	.159	.029	.488
1969	Jan.	60,330	39,720	484	.167	.028	.129	.166	.028	.482
1969	Feb.	122,600	44,130	265	.199	.033	.100	.222	.024	.422
1969	Mar.	121,200	52,650	319	.186	.030	.111	.206	.025	.442
1969	Apr.	190,300	66,650	258	.194	.031	.103	.233	.023	.417
1969	May	267,100	74,890	206	.204	.032	.094	.256	.021	.394
1969	June	239,300	69,750	214	.203	.032	.094	.252	.021	.397
1969	July	188,400	73,660	287	.186	.029	.111	.222	.023	.429
1969	Aug.	90,950	54,650	442	.166	.026	.132	.179	.026	.471
1969	Sept.	125,900	76,110	444	.159	.024	.140	.183	.024	.470
1969	Oct.	188,000	110,300	432	.149	.022	.149	.190	.022	.468
1969	Nov.	117,500	52,280	327	.180	.031	.116	.202	.026	.446
1969	Dec.	117,100	51,210	322	.182	.032	.114	.202	.026	.444
1970	Jan.	81,120	40,760	370	.177	.031	.119	.185	.027	.461
1970	Feb.	137,500	46,940	251	.195	.034	.103	.225	.025	.418
1970	Mar.	111,500	42,490	280	.192	.034	.106	.211	.026	.430
1970	Apr.	41,950	26,500	465	.172	.032	.123	.162	.030	.481
1970	May	143,600	44,100	226	.199	.036	.100	.229	.025	.411
1970	June	131,500	45,310	253	.196	.035	.103	.221	.025	.420
1970	July	60,990	32,750	395	.177	.032	.119	.177	.028	.466
1970	Aug.	42,900	33,840	580	.153	.027	.140	.148	.029	.503
1970	Sept.	192,700	96,110	367	.157	.024	.140	.201	.022	.456
1970	Oct.	137,200	56,690	304	.184	.031	.114	.201	.029	.442
1970	Nov.	127,000	51,790	300	.184	.032	.113	.201	.030	.441

1970	Dec.	140,600	53,440	280	.187	.032	.110	.207	.030	.435
1971	Jan.	158,300	54,060	251	.191	.033	.106	.216	.029	.424
1971	Feb.	141,100	50,160	261	.188	.032	.109	.212	.029	.430
1971	Mar.	95,430	41,010	316	.181	.033	.114	.191	.030	.452
1971	Apr.	53,550	25,910	356	.177	.036	.113	.177	.031	.466
1971	May	78,420	40,050	376	.174	.032	.120	.178	.030	.467
1971	June	132,600	46,270	257	.190	.034	.106	.212	.030	.429
1971	July	56,610	35,220	458	.165	.031	.128	.160	.030	.487
1971	Aug.	64,310	58,010	663	.150	.023	.150	.144	.028	.506
1971	Sept.	40,330	33,210	606	.153	.027	.141	.142	.030	.507
1971	Oct.	61,290	50,070	601	.150	.026	.148	.152	.030	.494
1971	Nov.	44,290	33,580	557	.154	.031	.136	.146	.033	.501
1971	Dec.	95,510	51,610	397	.168	.032	.127	.180	.031	.463
1972	Jan.	116,300	50,930	322	.178	.035	.116	.198	.031	.442
1972	Feb.	104,700	44,970	316	.179	.036	.114	.199	.031	.441
1972	Mar.	126,100	48,290	282	.184	.037	.109	.209	.031	.430
1972	Apr.	62,390	30,540	360	.172	.037	.117	.176	.033	.465
1972	May	83,200	29,690	262	.186	.043	.103	.200	.033	.435
1972	June	99,630	39,170	289	.182	.038	.110	.202	.032	.437
1972	July	13,640	12,650	682	.143	.035	.133	.112	.037	.540
1972	Aug.	26,210	35,260	989	.125	.021	.178	.115	.029	.532
1972	Sept.	46,080	34,710	554	.154	.030	.138	.148	.032	.499
1972	Oct.	159,700	110,800	510	.159	.024	.148	.185	.027	.457
1972	Nov.	87,730	55,890	468	.162	.029	.135	.171	.030	.472
1972	Dec.	96,930	52,290	397	.168	.032	.127	.182	.031	.460
1973	Jan.	98,240	49,150	368	.171	.033	.124	.187	.031	.454
1973	Feb.	135,700	64,700	351	.174	.031	.124	.202	.029	.440
1973	Mar.	112,300	76,600	501	.160	.027	.141	.173	.029	.470
1973	Apr.	151,600	80,030	388	.170	.029	.130	.196	.029	.447
1973	May	400,500	112,100	206	.193	.034	.103	.266	.027	.377
1973	June	452,600	113,500	184	.196	.035	.098	.279	.027	.365
1973	July	391,200	106,500	200	.194	.034	.101	.268	.027	.376
1973	Aug.	227,300	79,540	257	.185	.034	.111	.233	.029	.408
1973	Sept.	166,300	62,540	277	.182	.034	.114	.221	.030	.420
1973	Oct.	121,200	48,440	294	.183	.036	.112	.210	.031	.428
1973	Nov.	128,200	48,910	281	.186	.037	.109	.215	.031	.423
1973	Dec.	126,100	49,690	290	.184	.036	.111	.212	.031	.426
1974	Jan.	124,100	51,410	305	.182	.035	.114	.208	.031	.430
1974	Feb.	84,600	36,230	315	.180	.036	.115	.199	.033	.438
1974	Mar.	87,830	46,710	391	.169	.032	.128	.185	.032	.454
1974	Apr.	62,890	29,930	350	.175	.036	.118	.185	.035	.452
1974	May	129,500	48,930	278	.185	.037	.109	.216	.031	.422
1974	June	61,810	29,270	348	.174	.036	.119	.185	.035	.452
1974	July	46,230	31,980	509	.156	.028	.145	.166	.033	.473
1974	Aug.	22,300	19,210	633	.143	.028	.155	.132	.038	.504
1974	Sept.	24,040	18,300	560	.150	.031	.142	.140	.039	.498
1974	Oct.	63,250	55,170	641	.144	.023	.161	.146	.031	.495
1974	Nov.	54,270	40,090	543	.151	.028	.146	.149	.034	.492
1974	Dec.	53,590	35,920	493	.156	.030	.139	.154	.035	.486
1975	Jan.	56,580	35,040	455	.159	.031	.135	.159	.035	.480
1975	Feb.	47,140	33,450	522	.153	.029	.142	.150	.035	.490
1975	Mar.	86,060	56,740	485	.157	.028	.143	.163	.032	.478
1975	Apr.	145,600	65,270	330	.173	.031	.126	.196	.030	.444
1975	May	277,300	88,760	235	.187	.034	.110	.232	.028	.409

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 65. 09368000 San Juan River at Shiprock, N. Mex., water years 1960 through 1983--Continued										
1975	June	376,300	92,200	180	0.197	0.036	0.099	0.259	0.026	0.382
1975	July	328,700	116,000	260	.179	.030	.124	.223	.026	.418
1975	Aug.	137,000	55,080	296	.178	.034	.119	.201	.031	.438
1975	Sept.	119,400	68,640	423	.159	.027	.146	.175	.029	.464
1975	Oct.	47,350	21,580	335	.174	.041	.114	.168	.040	.461
1975	Nov.	48,350	23,020	350	.172	.039	.118	.167	.040	.465
1975	Dec.	97,230	38,290	290	.181	.038	.112	.194	.035	.440
1976	Jan.	93,800	35,060	275	.183	.040	.110	.195	.036	.437
1976	Feb.	79,280	38,370	356	.172	.034	.123	.179	.035	.458
1976	Mar.	74,100	31,460	312	.178	.039	.114	.183	.037	.450
1976	Apr.	51,280	26,020	373	.169	.037	.122	.166	.038	.468
1976	May	188,800	62,790	245	.188	.036	.108	.222	.030	.415
1976	June	175,500	54,670	229	.191	.038	.105	.225	.031	.411
1976	July	52,140	37,990	536	.152	.028	.144	.151	.034	.489
1976	Aug.	42,830	34,480	592	.147	.028	.148	.141	.035	.501
1976	Sept.	49,060	36,130	542	.152	.029	.144	.150	.035	.491
1976	Oct.	47,350	32,590	506	.156	.031	.135	.146	.037	.494
1976	Nov.	48,350	35,520	540	.154	.030	.138	.144	.036	.498
1976	Dec.	97,230	46,950	355	.169	.033	.124	.178	.035	.461
1977	Jan.	92,130	44,500	355	.169	.033	.124	.177	.035	.462
1977	Feb.	49,040	29,260	439	.161	.033	.130	.155	.037	.483
1977	Mar.	37,000	23,590	469	.159	.035	.130	.145	.039	.492
1977	Apr.	16,320	12,150	547	.151	.036	.133	.125	.043	.512
1977	May	16,460	15,460	690	.144	.033	.141	.116	.041	.525
1977	June	37,510	21,880	429	.160	.034	.129	.152	.039	.486
1977	July	45,970	45,200	723	.141	.023	.156	.137	.031	.512
1977	Aug.	54,950	51,770	693	.143	.024	.155	.140	.031	.507
1977	Sept.	24,420	18,650	562	.152	.034	.135	.130	.040	.508
1977	Oct.	32,470	25,390	575	.151	.031	.141	.135	.038	.504
1977	Nov.	44,040	32,230	538	.156	.030	.138	.145	.037	.494
1977	Dec.	48,060	33,400	511	.159	.031	.135	.148	.037	.490
1978	Jan.	50,410	34,560	504	.159	.031	.134	.150	.037	.489
1978	Feb.	52,560	36,090	505	.159	.030	.135	.153	.036	.487
1978	Mar.	75,800	51,520	500	.159	.029	.137	.159	.034	.482
1978	Apr.	98,180	44,860	336	.178	.034	.118	.183	.036	.451
1978	May	141,000	58,800	307	.180	.033	.119	.193	.034	.442
1978	June	205,800	48,440	173	.208	.042	.092	.233	.036	.389
1978	July	65,440	32,130	361	.174	.035	.120	.170	.038	.463
1978	Aug.	13,120	11,610	651	.146	.034	.138	.116	.045	.521
1978	Sept.	31,520	27,780	648	.147	.027	.148	.139	.035	.503

1978	Oct.	40,090	35,530	652	.148	.027	.151	.133	.038	.503
1978	Nov.	69,690	61,870	653	.146	.025	.158	.136	.035	.500
1978	Dec.	59,440	48,230	597	.150	.027	.150	.141	.036	.496
1979	Jan.	76,060	59,590	576	.150	.026	.153	.145	.034	.491
1979	Feb.	84,860	64,030	555	.152	.026	.152	.149	.033	.488
1979	Mar.	177,100	131,300	545	.150	.025	.159	.154	.031	.483
1979	Apr.	429,200	216,500	371	.159	.036	.149	.181	.028	.457
1979	May	556,200	137,500	182	.195	.036	.100	.252	.026	.392
1979	June	565,800	114,500	149	.203	.039	.090	.269	.025	.374
1979	July	99,990	99,990	165	.199	.039	.094	.256	.026	.386
1979	Aug.	146,800	55,330	277	.181	.035	.115	.201	.031	.437
1979	Sept.	32,680	20,370	458	.165	.033	.127	.155	.038	.481
1979	Oct.	58,520	38,180	506	.155	.032	.139	.153	.034	.488
1979	Nov.	44,430	30,590	283	.177	.033	.119	.204	.032	.435
1979	Dec.	127,900	49,160	307	.174	.033	.122	.196	.032	.444
1980	Jan.	130,800	54,640	333	.171	.034	.124	.188	.030	.453
1980	Feb.	139,400	63,170	333	.171	.034	.124	.188	.030	.453
1980	Mar.	186,400	67,990	268	.180	.034	.116	.211	.030	.430
1980	Apr.	199,800	87,970	324	.171	.035	.123	.191	.028	.452
1980	May	304,500	80,120	193	.191	.035	.104	.247	.029	.395
1980	June	390,300	75,580	142	.200	.034	.093	.283	.028	.362
1980	July	116,100	40,390	256	.179	.032	.117	.211	.033	.427
1980	Aug.	81,030	39,830	362	.167	.032	.129	.178	.034	.461
1980	Sept.	99,310	52,870	391	.164	.034	.130	.172	.031	.470
1980	Oct.	75,570	39,040	380	.166	.034	.126	.176	.034	.464
1980	Nov.	109,600	48,230	324	.174	.035	.119	.195	.032	.446
1980	Dec.	99,180	44,910	333	.171	.035	.121	.190	.033	.451
1981	Jan.	113,400	44,840	291	.178	.034	.117	.206	.033	.433
1981	Feb.	72,790	40,510	409	.159	.037	.127	.164	.031	.481
1981	Mar.	56,100	38,230	501	.151	.037	.134	.146	.033	.500
1981	Apr.	32,270	21,590	492	.151	.031	.140	.146	.040	.492
1981	May	62,210	30,420	360	.166	.032	.127	.179	.036	.459
1981	June	113,300	38,520	250	.182	.033	.113	.221	.033	.418
1981	July	88,740	54,450	451	.159	.043	.124	.160	.028	.487
1981	Aug.	47,490	25,450	394	.163	.031	.132	.170	.039	.466
1981	Sept.	77,000	38,970	372	.167	.034	.125	.179	.034	.461
1981	Oct.	103,000	52,740	376	.171	.041	.117	.188	.029	.455
1981	Nov.	51,470	28,290	404	.161	.031	.132	.165	.038	.473
1981	Dec.	48,920	29,160	438	.158	.031	.134	.158	.038	.481
1982	Jan.	55,360	26,860	357	.166	.030	.129	.178	.039	.457
1982	Feb.	46,960	26,220	411	.161	.032	.132	.165	.038	.473
1982	Mar.	72,700	43,150	436	.162	.036	.127	.166	.032	.477
1982	Apr.	128,400	48,960	280	.183	.035	.111	.222	.030	.419
1982	May	219,600	68,800	230	.193	.036	.099	.258	.026	.387
1982	June	256,600	82,030	235	.194	.039	.097	.260	.024	.386
1982	July	156,700	52,710	247	.189	.034	.106	.242	.029	.400
1982	Aug.	130,900	47,030	264	.186	.035	.108	.232	.030	.409
1982	Sept.	133,600	45,740	252	.187	.033	.108	.237	.031	.404
1982	Oct.	90,450	39,700	323	.179	.033	.113	.205	.038	.432
1982	Nov.	80,150	40,170	369	.168	.032	.121	.194	.038	.447
1982	Dec.	115,400	51,060	325	.174	.034	.116	.213	.033	.431
1983	Jan.	143,400	57,130	293	.181	.035	.110	.228	.030	.417
1983	Feb.	123,600	50,410	300	.179	.034	.111	.225	.030	.420
1983	Mar.	158,500	64,690	300	.177	.035	.112	.230	.028	.419

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 65. 09368000 San Juan River at Shiprock, N. Mex., water years 1960 through 1983--Continued										
1983	Apr.	212,300	73,050	253	0.186	0.036	0.103	0.255	0.024	0.396
1983	May	257,400	76,920	220	.195	.037	.096	.271	.023	.379
1983	June	327,100	76,350	172	.212	.038	.082	.301	.021	.346
1983	July	233,400	67,270	212	.198	.036	.095	.268	.024	.378
1983	Aug.	112,200	49,860	327	.172	.034	.118	.214	.032	.430
1983	Sept.	62,810	30,240	354	.176	.032	.115	.189	.044	.443
Site 66. 09370800 Mancos River near Cortez, Colo., water years 1977 through 1982.										
1976	Oct.	942	2,034	1,590	.131	.072	.083	.070	.011	.633
1976	Nov.	802	1,920	1,760	.129	.073	.082	.068	.010	.637
1976	Dec.	484	1,234	1,870	.126	.074	.084	.060	.010	.645
1977	Jan.	505	1,354	1,970	.125	.074	.083	.061	.010	.646
1977	Feb.	552	1,290	1,720	.128	.073	.084	.064	.010	.640
1977	Mar.	504	1,414	2,060	.125	.075	.083	.061	.010	.646
1977	Apr.	191	595	2,290	.120	.076	.085	.051	.010	.658
1977	May	66	257	2,850	.112	.078	.087	.040	.010	.673
1977	June	4	14	2,970	.108	.079	.089	.033	.009	.682
1977	July	245	737	2,210	.126	.075	.079	.075	.010	.636
1977	Aug.	258	515	1,470	.128	.074	.083	.065	.010	.640
1977	Sept.	384	687	1,310	.133	.071	.083	.076	.011	.626
1977	Oct.	51	205	2,980	.110	.079	.087	.038	.009	.677
1977	Nov.	172	604	2,580	.117	.077	.084	.049	.010	.663
1977	Dec.	194	697	2,640	.117	.077	.084	.049	.010	.663
1978	Jan.	172	533	2,280	.119	.076	.086	.048	.010	.661
1978	Feb.	426	1,300	2,240	.123	.076	.082	.060	.010	.649
1978	Mar.	4,796	8,730	1,340	.137	.070	.077	.098	.011	.607
1978	Apr.	7,898	4,535	422	.163	.060	.083	.119	.012	.563
1978	May	10,670	5,103	352	.167	.058	.084	.124	.013	.555
1978	June	6,899	4,296	458	.159	.061	.083	.114	.012	.571
1978	July	943	1,806	1,410	.134	.071	.084	.071	.011	.629
1978	Aug.	379	790	1,530	.129	.073	.087	.058	.011	.644
1978	Sept.	497	1,343	1,990	.125	.074	.083	.062	.010	.645
1978	Oct.	722	2,024	2,060	.118	.075	.085	.055	.011	.656
1978	Nov.	1,292	3,239	1,840	.121	.074	.086	.061	.012	.647
1978	Dec.	1,143	3,141	2,020	.118	.075	.086	.058	.012	.652
1979	Jan.	1,523	4,010	1,940	.119	.075	.086	.060	.012	.648
1979	Feb.	1,283	2,699	1,550	.125	.073	.086	.065	.012	.640

1979	Mar.	6,811	12,100	1,310	.128	.072	.088	.078	.012	.622
1979	Apr.	18,300	11,820	475	.154	.062	.086	.128	.012	.558
1979	May	31,910	9,795	226	.172	.055	.082	.178	.011	.501
1979	June	18,500	6,887	274	.170	.056	.083	.163	.011	.516
1979	July	6,837	5,904	635	.150	.064	.086	.109	.012	.579
1979	Aug.	1,958	2,799	1,050	.136	.069	.086	.080	.011	.617
1979	Sept.	784	1,672	1,570	.126	.072	.085	.063	.011	.642
1979	Oct.	666	1,720	1,900	.118	.075	.085	.058	.011	.653
1979	Nov.	728	1,902	1,920	.118	.075	.085	.058	.011	.653
1979	Dec.	924	2,219	1,770	.121	.074	.085	.061	.011	.648
1980	Jan.	1,317	3,002	1,680	.122	.073	.086	.063	.012	.644
1980	Feb.	2,959	7,059	1,750	.124	.072	.089	.068	.013	.642
1980	Mar.	4,487	8,899	1,460	.128	.071	.089	.068	.012	.632
1980	Apr.	18,890	12,210	475	.156	.062	.087	.125	.012	.559
1980	May	26,040	10,610	300	.169	.057	.084	.163	.011	.516
1980	June	19,550	6,726	253	.171	.056	.082	.177	.010	.503
1980	July	2,438	3,629	1,910	.133	.070	.086	.079	.012	.620
1980	Aug.	1,051	2,449	1,710	.121	.074	.086	.062	.011	.646
1980	Sept.	1,952	3,078	1,160	.132	.070	.086	.078	.011	.622
1980	Oct.	1,254	2,705	1,590	.120	.074	.088	.064	.012	.641
1980	Nov.	1,168	2,535	1,600	.120	.074	.088	.064	.012	.641
1980	Dec.	1,043	2,467	1,740	.118	.075	.088	.060	.012	.647
1981	Jan.	843	2,191	1,910	.115	.076	.087	.057	.012	.653
1981	Feb.	698	1,884	1,990	.114	.076	.087	.056	.012	.655
1981	Mar.	974	2,739	2,070	.112	.076	.089	.052	.013	.659
1981	Apr.	1,231	2,205	1,320	.126	.073	.086	.074	.012	.628
1981	May	477	1,217	1,880	.119	.076	.084	.062	.011	.648
1981	June	663	1,593	1,770	.119	.076	.085	.062	.012	.647
1981	July	5,225	8,768	1,230	.117	.070	.102	.059	.017	.636
1981	Aug.	881	1,918	1,600	.121	.075	.086	.065	.012	.640
1981	Sept.	1,158	2,169	1,380	.125	.074	.087	.071	.012	.631
1981	Oct.	2,473	2,868	853	.140	.070	.086	.099	.012	.593
1981	Nov.	1,295	2,340	1,330	.127	.073	.087	.074	.012	.628
1981	Dec.	834	1,634	1,440	.126	.074	.085	.073	.011	.631
1982	Jan.	706	1,564	1,630	.122	.075	.084	.067	.011	.639
1982	Feb.	1,307	2,707	1,520	.121	.074	.089	.064	.013	.640
1982	Mar.	3,259	5,190	1,170	.125	.071	.093	.072	.014	.625
1982	Apr.	6,034	3,769	459	.156	.064	.083	.144	.011	.541
1982	May	12,400	5,755	341	.165	.060	.083	.170	.012	.510
1982	June	4,715	4,122	643	.147	.067	.087	.114	.012	.573
1982	July	1,341	1,997	1,100	.134	.072	.085	.087	.012	.611
1982	Aug.	5,355	4,511	619	.143	.067	.091	.108	.014	.578
1982	Sept.	4,407	3,861	644	.148	.067	.087	.116	.012	.570

Site 67. 09372000 McElmo Creek near Colo.- Utah state line,
water years 1978 through 1981.

1977	Oct.	153	762	3,660	.104	.075	.100	.053	.020	.649
1977	Nov.	897	3,405	2,790	.115	.075	.091	.060	.020	.638
1977	Dec.	827	3,318	2,950	.113	.075	.093	.058	.020	.640
1978	Jan.	992	3,873	2,870	.114	.075	.092	.059	.020	.639
1978	Feb.	1,502	5,317	2,600	.118	.076	.089	.062	.020	.635
1978	Mar.	4,348	12,850	2,170	.125	.076	.084	.067	.021	.627

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 67. 09372000 McElmo Creek near Colo.-Utah state line, water years 1978 through 1981--Continued										
1978	Apr.	1,710	5,866	2,520	0.119	0.076	0.088	0.063	0.020	0.634
1978	May	2,517	8,135	2,380	.122	.076	.086	.064	.020	.631
1978	June	1,793	6,245	2,580	.118	.076	.089	.062	.020	.635
1978	July	1,836	6,398	2,560	.119	.076	.089	.062	.020	.634
1978	Aug.	647	2,631	2,990	.112	.075	.093	.058	.020	.641
1978	Sept.	734	2,744	2,750	.115	.075	.091	.060	.020	.638
1978	Oct.	1,258	4,655	2,720	.116	.076	.090	.061	.020	.637
1978	Nov.	2,678	8,498	2,330	.122	.076	.086	.065	.020	.630
1978	Dec.	4,086	11,230	2,020	.128	.076	.082	.069	.021	.624
1979	Jan.	3,019	9,327	2,270	.123	.076	.085	.066	.020	.629
1979	Feb.	3,045	9,445	2,280	.123	.076	.085	.066	.020	.629
1979	Mar.	11,930	30,270	1,870	.132	.076	.079	.072	.021	.619
1979	Apr.	7,393	20,170	2,010	.129	.076	.081	.070	.021	.623
1979	May	5,264	14,310	2,000	.129	.076	.082	.070	.021	.623
1979	June	5,905	16,880	2,100	.127	.076	.083	.068	.021	.625
1979	July	3,689	11,390	2,270	.124	.076	.085	.066	.020	.629
1979	Aug.	3,582	11,100	2,280	.123	.076	.085	.066	.020	.629
1979	Sept.	1,080	4,061	2,770	.115	.076	.091	.060	.020	.638
1979	Oct.	1,934	6,566	2,500	.118	.075	.088	.063	.021	.634
1979	Nov.	1,960	6,720	2,520	.118	.075	.088	.063	.021	.635
1979	Dec.	1,745	6,155	2,590	.117	.075	.089	.062	.021	.636
1980	Jan.	3,513	10,610	2,220	.124	.076	.085	.067	.021	.627
1980	Feb.	8,083	20,020	1,820	.134	.076	.080	.074	.022	.613
1980	Mar.	7,244	19,630	1,990	.130	.076	.082	.071	.022	.619
1980	Apr.	5,847	16,290	2,050	.128	.076	.083	.070	.022	.621
1980	May	3,160	9,906	2,310	.122	.076	.086	.066	.021	.629
1980	June	3,410	10,500	2,270	.123	.076	.085	.067	.021	.628
1980	July	3,332	10,350	2,280	.123	.076	.085	.066	.021	.628
1980	Aug.	3,158	9,767	2,270	.123	.076	.085	.067	.021	.628
1980	Sept.	5,524	15,290	2,030	.129	.076	.083	.070	.022	.621
1980	Oct.	2,955	9,398	2,340	.122	.076	.086	.066	.021	.630
1980	Nov.	2,069	7,024	2,500	.118	.075	.088	.063	.021	.634
1980	Dec.	1,835	6,405	2,570	.117	.075	.088	.063	.021	.636
1981	Jan.	1,466	5,343	2,680	.115	.075	.090	.061	.021	.638
1981	Feb.	1,262	4,639	2,700	.114	.075	.090	.061	.021	.639
1981	Mar.	1,609	5,759	2,630	.116	.075	.089	.062	.021	.637
1981	Apr.	781	3,073	2,890	.111	.075	.092	.059	.020	.643
1981	May	2,002	6,560	2,410	.120	.075	.087	.065	.021	.632
1981	June	2,389	7,624	2,350	.121	.075	.086	.065	.021	.630

1981 July	6,278	16,420	1,920	.131	.076	.081	.072	.022	.617
1981 Aug.	1,911	6,372	2,450	.119	.075	.087	.064	.021	.633
1981 Sept.	2,264	7,454	2,420	.120	.075	.087	.064	.021	.632

Site 68. 09379500 San Juan River near Bluff, Utah, water years 1929 through 1983.

1928 Nov.	82,370	63,710	569	.163	.039	.125	.153	.028	.492
1928 Dec.	46,380	43,940	697	.155	.040	.127	.133	.030	.516
1929 Jan.	37,680	38,750	756	.152	.040	.127	.125	.031	.525
1929 Feb.	48,600	43,930	665	.157	.040	.126	.137	.030	.510
1929 Mar.	151,200	93,660	455	.170	.039	.123	.177	.026	.465
1929 Apr.	336,300	162,300	355	.179	.038	.120	.209	.023	.431
1929 May	585,100	238,200	299	.184	.037	.117	.232	.021	.408
1929 June	510,500	215,200	310	.183	.038	.118	.227	.022	.413
1929 July	239,300	127,300	391	.175	.038	.121	.195	.024	.446
1929 Aug.	574,000	222,300	285	.184	.037	.117	.237	.021	.404
1929 Sept.	439,100	188,800	316	.182	.038	.118	.223	.022	.417
1929 Oct.	135,300	90,380	491	.168	.039	.124	.169	.026	.473
1929 Nov.	63,520	54,720	732	.154	.040	.127	.128	.031	.521
1929 Dec.	41,340	41,160	828	.149	.040	.127	.118	.032	.535
1930 Jan.	29,290	32,980	591	.162	.039	.126	.149	.028	.496
1930 Feb.	70,060	56,350	596	.162	.039	.126	.148	.028	.497
1930 Mar.	76,650	62,130	383	.176	.038	.121	.199	.024	.441
1930 Apr.	264,100	137,500	385	.176	.038	.121	.198	.024	.442
1930 May	270,500	141,500	352	.179	.038	.120	.210	.023	.430
1930 June	340,200	162,600	448	.171	.039	.123	.179	.026	.463
1930 July	159,700	97,300	368	.176	.038	.121	.201	.024	.440
1930 Aug.	247,300	123,700	854	.148	.040	.127	.115	.032	.538
1930 Sept.	25,870	30,060	805	.149	.038	.128	.118	.031	.537
1930 Oct.	34,240	37,490	808	.149	.038	.128	.118	.031	.537
1930 Nov.	32,940	36,190	875	.145	.038	.128	.110	.032	.547
1930 Dec.	25,200	29,990	973	.141	.037	.129	.102	.033	.557
1931 Jan.	20,630	27,290	672	.157	.038	.126	.135	.029	.516
1931 Feb.	50,270	45,930	774	.151	.038	.127	.122	.031	.532
1931 Mar.	37,850	39,820	581	.163	.038	.124	.150	.028	.498
1931 Apr.	78,940	62,320	416	.176	.038	.118	.189	.024	.455
1931 May	208,300	117,800	412	.176	.038	.118	.190	.024	.454
1931 June	198,400	111,200	547	.162	.038	.123	.153	.028	.497
1931 July	71,510	53,170	629	.157	.038	.125	.139	.029	.513
1931 Aug.	52,500	44,910	514	.165	.038	.122	.161	.027	.488
1931 Sept.	76,750	53,630	447	.171	.037	.123	.175	.025	.470
1931 Oct.	156,600	95,200	602	.158	.037	.127	.143	.028	.506
1931 Nov.	67,560	55,290	158	.158	.037	.129	.127	.030	.525
1931 Dec.	45,530	44,800	724	.151	.037	.129	.127	.030	.525
1932 Jan.	35,150	39,310	822	.147	.037	.130	.117	.031	.537
1932 Feb.	207,300	107,100	380	.176	.036	.120	.192	.024	.452
1932 Mar.	206,200	117,600	419	.174	.037	.121	.184	.024	.459
1932 Apr.	470,700	194,800	304	.186	.036	.115	.224	.021	.418
1932 May	640,200	237,300	273	.189	.035	.113	.238	.020	.404
1932 June	551,500	215,700	288	.188	.036	.114	.231	.021	.410
1932 July	255,600	133,500	384	.177	.037	.120	.194	.024	.449
1932 Aug.	214,600	111,100	381	.175	.036	.120	.192	.024	.452

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 68. 09379500 San Juan River near Bluff, Utah, water years 1929 through 1983--Continued										
1932	Sept.	96,910	70,070	532	0.164	0.037	0.125	0.156	0.027	0.491
1932	Oct.	49,350	46,960	700	.153	.036	.132	.127	.029	.523
1932	Nov.	37,840	38,980	758	.149	.036	.134	.120	.030	.531
1932	Dec.	26,610	30,500	843	.144	.035	.136	.110	.031	.544
1933	Jan.	28,930	32,390	823	.145	.035	.136	.112	.031	.541
1933	Feb.	48,120	44,260	676	.154	.036	.131	.130	.029	.519
1933	Mar.	73,220	60,530	608	.159	.036	.129	.141	.028	.506
1933	Apr.	65,020	55,920	632	.157	.036	.130	.138	.028	.511
1933	May	169,600	102,600	445	.171	.037	.121	.177	.025	.468
1933	June	439,000	202,700	340	.182	.038	.113	.216	.022	.429
1933	July	132,700	89,350	495	.167	.037	.124	.165	.026	.481
1933	Aug.	39,800	37,230	688	.151	.036	.132	.127	.030	.524
1933	Sept.	131,800	81,680	456	.170	.037	.122	.174	.025	.472
1933	Oct.	99,170	69,830	518	.166	.036	.128	.159	.027	.483
1933	Nov.	36,860	37,770	754	.149	.035	.136	.121	.031	.528
1933	Dec.	40,930	40,600	729	.151	.035	.136	.123	.031	.524
1934	Jan.	34,840	36,710	775	.148	.035	.137	.118	.031	.531
1934	Feb.	32,000	33,620	772	.148	.035	.137	.118	.031	.531
1934	Mar.	42,730	42,100	724	.151	.035	.136	.124	.030	.523
1934	Apr.	108,900	74,380	502	.168	.037	.127	.164	.027	.478
1934	May	151,000	94,840	462	.172	.037	.125	.175	.026	.466
1934	June	34,330	30,030	643	.153	.035	.134	.133	.030	.515
1934	July	16,260	16,230	734	.149	.035	.136	.121	.031	.528
1934	Aug.	28,300	25,360	659	.148	.035	.135	.127	.031	.525
1934	Sept.	36,610	34,180	687	.151	.035	.135	.127	.030	.521
1934	Oct.	21,750	26,480	895	.141	.033	.141	.104	.032	.549
1934	Nov.	20,510	25,260	906	.141	.033	.141	.103	.032	.550
1934	Dec.	26,910	29,840	815	.146	.034	.139	.113	.031	.538
1935	Jan.	40,130	38,110	698	.153	.035	.135	.129	.030	.518
1935	Feb.	49,870	44,100	650	.158	.035	.133	.138	.029	.506
1935	Mar.	76,330	59,340	572	.165	.036	.130	.153	.028	.489
1935	Apr.	253,700	128,900	374	.185	.037	.116	.214	.023	.425
1935	May	373,400	165,900	327	.190	.038	.111	.235	.022	.404
1935	June	760,400	261,700	253	.199	.038	.102	.281	.019	.362
1935	July	298,300	143,200	353	.187	.037	.114	.222	.023	.416
1935	Aug.	127,200	83,230	481	.173	.037	.124	.176	.026	.464
1935	Sept.	134,800	77,210	421	.176	.037	.121	.191	.025	.451
1935	Oct.	68,570	58,410	626	.161	.036	.130	.145	.028	.500
1935	Nov.	41,190	42,490	759	.151	.035	.133	.125	.030	.525
1935	Dec.	31,970	36,590	842	.145	.034	.135	.114	.032	.539

1936 Jan.	36,300	39,570	802	.148	.035	.134	.119	.031	.533
1936 Feb.	50,140	46,760	686	.156	.036	.132	.135	.029	.513
1936 Mar.	137,500	89,420	478	.174	.037	.123	.179	.025	.460
1936 Apr.	315,700	145,300	338	.190	.038	.114	.229	.022	.407
1936 May	424,600	182,000	315	.194	.038	.111	.242	.021	.394
1936 June	191,100	106,900	411	.181	.038	.120	.200	.024	.438
1936 July	40,840	41,880	754	.150	.035	.133	.125	.031	.526
1936 Aug.	155,600	90,770	429	.177	.037	.121	.191	.025	.449
1936 Sept.	137,400	85,760	459	.175	.037	.123	.183	.025	.457
1936 Oct.	66,390	58,560	649	.158	.038	.128	.141	.028	.508
1936 Nov.	71,870	61,490	629	.160	.038	.127	.145	.027	.502
1936 Dec.	48,060	48,690	745	.151	.037	.130	.127	.029	.526
1937 Jan.	24,770	32,080	952	.137	.036	.133	.102	.033	.559
1937 Feb.	140,500	88,140	461	.175	.039	.120	.185	.024	.457
1937 Mar.	193,000	113,300	432	.179	.039	.119	.195	.023	.445
1937 Apr.	536,600	214,800	294	.197	.039	.108	.257	.019	.381
1937 May	674,100	254,500	278	.200	.039	.106	.269	.018	.370
1937 June	331,600	161,800	359	.189	.039	.113	.225	.021	.412
1937 July	163,600	100,800	453	.176	.039	.120	.187	.024	.454
1937 Aug.	38,410	39,860	763	.147	.037	.130	.122	.030	.534
1937 Sept.	47,350	38,920	604	.152	.037	.127	.140	.029	.515
1937 Oct.	89,370	62,180	512	.166	.038	.123	.166	.027	.479
1937 Nov.	36,490	37,880	763	.150	.037	.132	.123	.031	.527
1937 Dec.	36,720	38,420	769	.150	.037	.132	.122	.031	.529
1938 Jan.	36,410	38,080	769	.150	.037	.132	.122	.031	.529
1938 Feb.	47,180	43,180	673	.156	.038	.129	.136	.029	.511
1938 Mar.	187,400	110,300	433	.178	.039	.118	.195	.024	.446
1938 Apr.	381,700	173,700	335	.189	.040	.110	.236	.021	.405
1938 May	485,700	210,100	318	.192	.040	.108	.245	.020	.395
1938 June	683,000	265,800	286	.196	.040	.104	.265	.019	.376
1938 July	232,000	122,600	389	.182	.039	.115	.210	.023	.431
1938 Aug.	49,370	44,840	668	.156	.038	.129	.136	.029	.511
1938 Sept.	201,000	113,100	414	.180	.039	.117	.201	.023	.439
1938 Oct.	107,300	75,300	516	.167	.038	.125	.168	.027	.475
1938 Nov.	57,590	47,650	608	.160	.038	.129	.146	.030	.498
1938 Dec.	47,330	46,570	724	.152	.037	.133	.130	.030	.517
1939 Jan.	43,030	41,560	710	.153	.037	.133	.130	.031	.517
1939 Feb.	34,170	34,290	738	.150	.036	.134	.126	.031	.522
1939 Mar.	142,200	120,600	623	.158	.037	.131	.157	.025	.493
1939 Apr.	190,900	91,380	352	.186	.040	.112	.212	.025	.425
1939 May	313,500	108,700	255	.200	.041	.101	.253	.023	.382
1939 June	160,300	57,060	262	.199	.041	.102	.239	.026	.393
1939 July	16,530	13,570	604	.155	.037	.130	.126	.036	.517
1939 Aug.	4,945	8,577	1,280	.122	.032	.146	.080	.037	.583
1939 Sept.	121,400	126,500	766	.146	.035	.139	.143	.023	.514
1939 Oct.	38,760	36,140	686	.152	.036	.134	.131	.032	.515
1939 Nov.	36,610	36,880	741	.148	.036	.136	.126	.032	.522
1939 Dec.	29,270	33,290	836	.142	.035	.139	.115	.033	.536
1940 Jan.	39,230	42,960	805	.144	.035	.139	.121	.032	.528
1940 Feb.	49,900	57,160	842	.143	.035	.142	.124	.030	.525
1940 Mar.	74,240	66,050	654	.155	.037	.135	.143	.030	.501
1940 Apr.	125,300	63,950	375	.181	.039	.116	.194	.029	.441
1940 May	288,800	96,350	245	.202	.040	.101	.250	.026	.381
1940 June	126,200	49,760	290	.192	.040	.107	.216	.029	.416

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Ca	Mg	NaK	HCO ₃	Cl	SO ₄
			Load (tons)	Concen- tration (mg/L)						
Site 68. 09379500 San Juan River near Bluff, Utah, water years 1929 through 1983--Continued										
1940	July	32,410	47,720	1,080	0.129	0.033	0.155	0.108	0.028	0.546
1940	Aug.	42,610	62,570	1,080	.133	.034	.154	.119	.027	.533
1940	Sept.	114,600	132,900	853	.144	.035	.149	.142	.025	.504
1940	Oct.	145,800	113,100	570	.162	.039	.131	.165	.027	.476
1940	Nov.	66,560	60,680	670	.152	.038	.132	.139	.031	.508
1940	Dec.	81,350	73,810	667	.153	.038	.132	.142	.031	.505
1941	Jan.	77,770	76,550	724	.149	.038	.135	.136	.031	.512
1941	Feb.	126,700	121,100	703	.152	.038	.137	.147	.028	.498
1941	Mar.	211,300	160,600	559	.164	.039	.129	.170	.027	.470
1941	Apr.	392,400	255,500	479	.173	.039	.127	.196	.024	.441
1941	May	1,323,000	708,300	394	.183	.039	.122	.234	.020	.402
1941	June	915,200	265,500	213	.209	.041	.094	.290	.020	.346
1941	July	526,000	149,700	209	.209	.042	.093	.277	.022	.357
1941	Aug.	173,800	145,500	616	.157	.038	.137	.159	.026	.483
1941	Sept.	202,200	194,400	707	.152	.037	.143	.156	.025	.486
1941	Oct.	654,700	484,900	545	.169	.037	.141	.197	.020	.436
1941	Nov.	191,000	115,700	445	.176	.041	.115	.189	.028	.450
1941	Dec.	104,500	83,160	585	.160	.042	.122	.153	.032	.492
1942	Jan.	81,100	72,290	655	.152	.042	.125	.141	.033	.507
1942	Feb.	67,710	62,450	678	.150	.042	.125	.136	.034	.513
1942	Mar.	126,100	116,900	682	.153	.041	.130	.145	.030	.501
1942	Apr.	602,000	302,800	370	.189	.039	.115	.233	.022	.402
1942	May	479,100	178,500	274	.202	.040	.100	.258	.023	.377
1942	June	533,200	136,800	189	.220	.039	.084	.308	.021	.329
1942	July	150,300	72,780	356	.183	.042	.107	.201	.029	.437
1942	Aug.	50,740	42,950	622	.152	.044	.118	.136	.036	.514
1942	Sept.	38,020	38,030	736	.142	.043	.123	.120	.038	.534
1942	Oct.	37,280	44,870	885	.135	.043	.128	.109	.038	.547
1942	Nov.	38,800	47,560	901	.135	.043	.128	.108	.037	.548
1942	Dec.	43,190	53,420	909	.135	.043	.129	.109	.037	.548
1943	Jan.	43,320	53,560	909	.135	.043	.129	.110	.036	.547
1943	Feb.	49,130	57,790	865	.139	.043	.128	.116	.035	.539
1943	Mar.	95,030	98,740	764	.148	.044	.125	.134	.032	.518
1943	Apr.	293,400	134,100	336	.196	.042	.100	.235	.026	.402
1943	May	331,600	128,200	284	.205	.041	.094	.258	.025	.377
1943	June	253,800	94,510	274	.207	.041	.093	.256	.027	.377
1943	July	106,100	59,180	410	.180	.042	.108	.190	.032	.448
1943	Aug.	91,080	91,520	739	.148	.044	.125	.135	.032	.517
1943	Sept.	62,270	57,830	683	.151	.043	.122	.136	.034	.513
1943	Oct.	58,330	56,940	718	.151	.042	.125	.135	.035	.512

1943	Nov.	58,500	56,980	716	.151	.042	.125	.136	.035	.511
1943	Dec.	51,110	56,320	810	.144	.042	.127	.124	.035	.527
1944	Jan.	37,350	42,350	834	.140	.041	.130	.117	.037	.536
1944	Feb.	48,940	56,790	853	.142	.042	.128	.121	.035	.532
1944	Mar.	75,780	80,520	781	.149	.043	.124	.135	.033	.516
1944	Apr.	203,800	124,400	449	.184	.042	.108	.206	.030	.431
1944	May	640,300	231,300	266	.211	.040	.088	.297	.025	.340
1944	June	704,500	168,200	176	.227	.036	.077	.352	.024	.285
1944	July	283,100	98,030	255	.205	.039	.095	.269	.029	.364
1944	Aug.	61,000	52,150	629	.156	.042	.123	.144	.035	.501
1944	Sept.	66,280	66,100	733	.151	.044	.122	.141	.031	.510
1944	Oct.	75,290	68,230	666	.157	.042	.123	.151	.033	.494
1944	Nov.	51,550	57,760	824	.144	.042	.128	.129	.033	.523
1944	Dec.	42,750	49,920	859	.141	.041	.129	.123	.034	.531
1945	Jan.	40,870	49,110	884	.139	.041	.130	.120	.034	.535
1945	Feb.	62,770	70,220	823	.147	.042	.128	.135	.032	.516
1945	Mar.	71,800	73,150	749	.151	.042	.126	.142	.033	.507
1945	Apr.	196,400	116,800	437	.182	.041	.110	.208	.030	.429
1945	May	456,200	155,700	251	.213	.039	.090	.289	.026	.343
1945	June	376,900	106,600	208	.221	.037	.084	.306	.027	.324
1945	July	127,700	62,950	362	.187	.040	.106	.210	.032	.425
1945	Aug.	95,850	113,200	868	.145	.042	.130	.136	.031	.516
1945	Sept.	21,510	24,540	839	.138	.040	.129	.114	.037	.542
1945	Oct.	61,980	68,150	808	.148	.040	.126	.130	.031	.524
1945	Nov.	46,230	48,430	770	.147	.042	.125	.130	.033	.523
1945	Dec.	30,200	35,780	871	.139	.043	.127	.117	.035	.540
1946	Jan.	36,960	41,560	827	.143	.042	.126	.122	.034	.532
1946	Feb.	35,940	43,210	884	.141	.042	.127	.120	.033	.537
1946	Mar.	46,890	49,190	771	.147	.042	.125	.130	.033	.523
1946	Apr.	94,670	62,420	485	.168	.040	.117	.172	.032	.471
1946	May	125,100	59,680	351	.182	.040	.109	.206	.033	.430
1946	June	203,900	80,720	291	.193	.038	.104	.234	.030	.402
1946	July	63,330	55,890	649	.155	.041	.123	.145	.032	.505
1946	Aug.	75,280	89,360	873	.148	.039	.128	.128	.028	.529
1946	Sept.	44,160	40,140	669	.152	.042	.122	.140	.034	.509
1946	Oct.	54,990	51,930	695	.150	.040	.125	.135	.033	.517
1946	Nov.	60,210	60,020	733	.149	.040	.126	.133	.032	.521
1946	Dec.	45,620	45,990	741	.146	.041	.126	.129	.034	.525
1947	Jan.	30,750	34,630	828	.138	.041	.129	.117	.036	.539
1947	Feb.	45,200	47,120	766	.146	.040	.127	.127	.033	.527
1947	Mar.	51,380	45,570	652	.151	.041	.124	.138	.034	.512
1947	Apr.	68,010	42,100	455	.168	.041	.115	.171	.034	.470
1947	May	329,000	129,700	290	.199	.036	.102	.239	.026	.399
1947	June	276,000	80,460	214	.206	.037	.094	.270	.028	.364
1947	July	109,600	44,910	301	.187	.040	.105	.217	.033	.418
1947	Aug.	293,500	280,000	702	.170	.033	.123	.160	.020	.493
1947	Sept.	124,300	90,580	536	.168	.038	.119	.166	.028	.481
1947	Oct.	206,700	184,500	656	.167	.035	.121	.159	.022	.496
1947	Nov.	77,100	53,510	510	.164	.040	.119	.161	.032	.483
1947	Dec.	65,430	54,340	611	.156	.040	.123	.145	.033	.504
1948	Jan.	52,370	42,340	594	.154	.041	.123	.143	.035	.504
1948	Feb.	78,800	65,980	616	.159	.039	.123	.149	.030	.501
1948	Mar.	89,510	74,110	609	.158	.039	.122	.149	.031	.500
1948	Apr.	358,400	127,900	262	.201	.038	.098	.252	.025	.387

Table 7.---Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 68. 09379500 San Juan River near Bluff, Utah, water years 1929 through 1983--Continued										
1948	May	519,100	132,200	187	0.215	0.037	0.087	0.302	0.023	0.337
1948	June	603,000	172,100	210	.212	.036	.090	.290	.022	.350
1948	July	147,000	64,280	322	.183	.040	.108	.209	.030	.431
1948	Aug.	85,630	69,600	598	.160	.039	.122	.151	.030	.499
1948	Sept.	35,520	39,840	825	.140	.039	.130	.118	.033	.540
1948	Oct.	74,940	74,920	735	.151	.039	.125	.139	.030	.515
1948	Nov.	54,970	59,020	790	.146	.039	.128	.128	.032	.527
1948	Dec.	41,220	45,770	817	.140	.040	.130	.118	.035	.537
1949	Jan.	62,980	67,930	793	.145	.039	.128	.128	.032	.528
1949	Feb.	73,950	72,800	724	.152	.039	.125	.141	.030	.514
1949	Mar.	152,400	122,300	590	.164	.040	.118	.162	.029	.488
1949	Apr.	338,400	150,000	326	.192	.040	.100	.231	.025	.412
1949	May	503,200	153,600	224	.210	.040	.086	.285	.023	.356
1949	June	747,800	228,500	225	.212	.038	.084	.296	.021	.349
1949	July	341,600	118,200	255	.201	.040	.093	.258	.025	.384
1949	Aug.	90,140	60,880	497	.168	.041	.115	.169	.031	.476
1949	Sept.	41,310	41,870	745	.144	.040	.128	.125	.034	.529
1949	Oct.	56,080	55,710	730	.150	.042	.123	.130	.033	.521
1949	Nov.	44,650	47,460	782	.146	.042	.126	.122	.035	.530
1949	Dec.	34,560	40,040	852	.141	.041	.129	.113	.036	.540
1950	Jan.	41,230	45,680	815	.143	.041	.127	.118	.035	.535
1950	Feb.	48,760	52,980	799	.146	.042	.125	.123	.033	.530
1950	Mar.	56,260	52,570	687	.153	.042	.122	.134	.034	.516
1950	Apr.	135,800	61,690	334	.185	.042	.102	.209	.029	.434
1950	May	169,300	65,480	284	.193	.042	.096	.230	.028	.411
1950	June	191,100	73,780	284	.193	.042	.096	.232	.027	.410
1950	July	68,360	48,420	521	.164	.042	.115	.157	.032	.489
1950	Aug.	14,580	16,370	826	.135	.041	.132	.103	.041	.548
1950	Sept.	41,760	51,110	900	.142	.041	.127	.117	.032	.541
1950	Oct.	29,980	30,890	758	.143	.041	.127	.117	.038	.534
1950	Nov.	24,730	34,200	1,020	.131	.040	.134	.099	.037	.558
1950	Dec.	32,440	40,380	915	.137	.041	.131	.108	.036	.547
1951	Jan.	29,720	36,620	906	.137	.041	.131	.107	.037	.547
1951	Feb.	29,300	39,140	982	.135	.041	.132	.105	.035	.552
1951	Mar.	33,670	36,610	799	.142	.041	.128	.115	.037	.536
1951	Apr.	34,110	29,200	629	.152	.042	.122	.131	.037	.516
1951	May	141,500	67,640	352	.185	.043	.100	.208	.030	.434
1951	June	188,600	64,090	250	.198	.042	.090	.245	.030	.395
1951	July	30,100	23,600	576	.150	.042	.123	.132	.038	.516
1951	Aug.	49,380	51,960	774	.145	.041	.126	.125	.033	.530

1951	Sept.	44,860	34,030	558	.155	.041	.119	.151	.034	.500
1951	Oct.	35,210	35,670	745	.145	.040	.130	.120	.037	.529
1951	Nov.	38,830	38,560	730	.148	.040	.129	.123	.036	.525
1951	Dec.	35,710	38,330	789	.144	.039	.131	.122	.036	.528
1952	Jan.	87,960	97,620	816	.150	.039	.131	.141	.031	.509
1952	Feb.	40,380	46,810	853	.142	.039	.133	.117	.035	.534
1952	Mar.	86,860	86,220	730	.153	.039	.128	.143	.032	.505
1952	Apr.	452,500	179,500	292	.195	.039	.096	.256	.025	.388
1952	May	617,600	174,000	207	.208	.038	.084	.299	.023	.347
1952	June	769,200	180,800	173	.213	.037	.078	.326	.022	.324
1952	July	238,100	100,300	310	.190	.040	.101	.227	.028	.414
1952	Aug.	83,270	56,750	501	.167	.040	.117	.162	.033	.479
1952	Sept.	56,410	52,610	686	.153	.040	.127	.138	.033	.508
1952	Oct.	37,560	38,090	746	.145	.039	.133	.121	.037	.525
1952	Nov.	40,680	50,840	919	.140	.038	.136	.111	.035	.540
1952	Dec.	43,400	52,740	894	.141	.038	.136	.113	.035	.537
1953	Jan.	42,220	50,380	878	.141	.038	.136	.114	.035	.536
1953	Feb.	35,560	40,010	827	.143	.038	.135	.116	.036	.532
1953	Mar.	55,600	54,650	723	.150	.039	.130	.130	.034	.517
1953	Apr.	107,200	64,280	441	.172	.040	.116	.178	.032	.462
1953	May	156,200	64,560	304	.186	.040	.105	.219	.031	.420
1953	June	267,400	68,790	189	.203	.039	.090	.280	.028	.360
1953	July	76,710	67,390	646	.158	.038	.126	.145	.031	.503
1953	Aug.	70,950	80,390	833	.151	.037	.137	.132	.029	.520
1953	Sept.	11,920	17,050	1,050	.124	.038	.144	.088	.043	.563
1953	Oct.	53,860	66,360	906	.145	.036	.136	.122	.031	.530
1953	Nov.	54,950	60,250	806	.147	.037	.134	.124	.033	.524
1953	Dec.	34,460	43,510	928	.138	.038	.137	.108	.037	.542
1954	Jan.	32,310	40,870	930	.138	.038	.137	.107	.037	.543
1954	Feb.	35,880	41,380	848	.142	.038	.135	.115	.036	.533
1954	Mar.	47,990	48,690	746	.148	.038	.132	.127	.035	.519
1954	Apr.	112,800	56,410	368	.174	.037	.116	.190	.033	.449
1954	May	217,900	84,350	285	.188	.035	.108	.231	.029	.410
1954	June	119,900	55,610	341	.175	.037	.116	.195	.032	.446
1954	July	119,700	119,600	735	.158	.034	.132	.149	.025	.503
1954	Aug.	65,810	55,310	618	.155	.037	.129	.142	.034	.503
1954	Sept.	89,270	109,300	900	.150	.034	.136	.131	.026	.523
1954	Oct.	95,420	68,400	527	.166	.036	.123	.166	.031	.478
1954	Nov.	39,240	38,510	722	.148	.037	.133	.127	.037	.517
1954	Dec.	34,640	42,900	911	.140	.037	.138	.112	.036	.537
1955	Jan.	30,720	37,280	892	.140	.037	.138	.112	.037	.536
1955	Feb.	33,840	37,880	823	.144	.037	.136	.119	.036	.528
1955	Mar.	62,960	62,610	731	.152	.036	.132	.134	.033	.513
1955	Apr.	62,480	45,010	530	.162	.037	.126	.155	.035	.486
1955	May	186,300	69,650	275	.189	.036	.106	.229	.031	.409
1955	June	208,100	62,240	220	.196	.036	.100	.253	.031	.384
1955	July	64,780	58,240	661	.153	.036	.130	.139	.031	.511
1955	Aug.	142,500	151,800	783	.156	.035	.129	.145	.026	.510
1955	Sept.	27,560	21,720	580	.153	.038	.130	.136	.042	.501
1955	Oct.	24,570	24,350	729	.144	.040	.135	.118	.043	.521
1955	Nov.	30,910	37,140	883	.138	.036	.142	.113	.038	.533
1955	Dec.	35,440	44,790	929	.136	.035	.144	.112	.037	.536
1956	Jan.	40,480	47,720	867	.140	.035	.142	.118	.036	.529
1956	Feb.	34,020	41,600	899	.138	.035	.143	.114	.037	.534

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 68. 09379500 San Juan River near Bluff, Utah, water years 1929 through 1983--Continued										
1956	Mar.	74,500	58,510	577	0.158	0.034	0.131	0.149	0.035	0.492
1956	Apr.	106,600	50,510	348	.184	.036	.114	.193	.036	.438
1956	May	240,900	79,000	241	.202	.033	.102	.240	.032	.391
1956	June	203,400	60,430	219	.205	.034	.099	.246	.033	.383
1956	July	31,360	30,830	723	.143	.037	.138	.122	.039	.521
1956	Aug.	35,570	50,180	1,040	.132	.031	.150	.112	.032	.542
1956	Sept.	3,840	5,437	1,040	.118	.048	.139	.079	.058	.558
1956	Oct.	12,630	18,680	1,090	.123	.038	.148	.091	.045	.555
1956	Nov.	29,500	36,730	916	.135	.036	.144	.109	.040	.537
1956	Dec.	25,120	33,390	978	.131	.036	.146	.103	.040	.544
1957	Jan.	37,860	45,670	887	.137	.035	.143	.114	.038	.533
1957	Feb.	64,250	64,470	738	.149	.033	.138	.135	.034	.512
1957	Mar.	70,700	66,190	688	.152	.034	.136	.138	.035	.506
1957	Apr.	177,000	93,640	389	.180	.032	.119	.193	.032	.444
1957	May	327,000	150,500	339	.190	.030	.113	.219	.028	.421
1957	June	786,600	204,800	191	.215	.028	.093	.291	.025	.349
1957	July	566,400	200,100	260	.198	.028	.106	.250	.025	.394
1957	Aug.	363,600	234,200	474	.172	.027	.125	.194	.024	.458
1957	Sept.	142,400	81,350	420	.177	.032	.120	.189	.032	.449
1957	Oct.	150,200	122,400	600	.160	.030	.132	.163	.030	.484
1957	Nov.	141,300	99,050	515	.167	.032	.129	.166	.033	.473
1957	Dec.	87,760	68,670	575	.159	.034	.133	.145	.038	.491
1958	Jan.	52,900	51,840	721	.146	.036	.139	.121	.041	.517
1958	Feb.	118,600	98,260	609	.158	.031	.134	.154	.032	.491
1958	Mar.	159,300	124,100	573	.162	.031	.131	.164	.031	.482
1958	Apr.	413,100	186,200	331	.188	.028	.114	.229	.027	.415
1958	May	742,600	176,700	175	.218	.026	.092	.302	.027	.335
1958	June	507,300	118,200	171	.219	.027	.092	.293	.029	.339
1958	July	73,840	44,080	439	.169	.036	.126	.155	.043	.470
1958	Aug.	42,400	43,300	751	.143	.035	.140	.119	.040	.521
1958	Sept.	61,360	55,330	663	.150	.034	.138	.133	.037	.509
1958	Oct.	47,100	47,060	735	.141	.037	.144	.119	.043	.515
1958	Nov.	43,130	49,860	850	.135	.037	.147	.109	.043	.529
1958	Dec.	36,030	43,020	878	.133	.037	.151	.105	.045	.529
1959	Jan.	30,420	38,880	940	.129	.038	.153	.100	.046	.534
1959	Feb.	31,090	39,380	931	.130	.037	.152	.101	.044	.535
1959	Mar.	32,330	37,240	847	.134	.038	.152	.107	.046	.523
1959	Apr.	38,620	34,440	656	.146	.038	.145	.126	.046	.499
1959	May	110,500	52,560	350	.177	.037	.122	.191	.040	.433
1959	June	155,500	59,490	281	.187	.036	.114	.218	.038	.407

1959	July	18,420	13,200	527	.154	.040	.150	.136	.056	.464
1959	Aug.	64,080	73,870	848	.133	.035	.138	.112	.036	.546
1959	Sept.	10,850	14,110	956	.122	.039	.169	.088	.057	.525
1959	Oct.	91,860	78,710	630	.151	.031	.133	.142	.035	.508
1959	Nov.	81,990	66,550	597	.154	.033	.135	.144	.039	.494
1959	Dec.	46,360	46,250	734	.144	.035	.146	.121	.044	.510
1960	Jan.	36,700	43,210	866	.137	.035	.151	.108	.044	.525
1960	Feb.	43,390	45,610	773	.142	.035	.147	.118	.043	.515
1960	Mar.	259,900	185,900	526	.158	.027	.123	.168	.029	.494
1960	Apr.	336,200	101,400	222	.196	.032	.102	.257	.034	.380
1960	May	284,700	92,060	188	.202	.032	.096	.279	.033	.359
1960	June	382,300	97,570	360	.175	.037	.126	.183	.044	.436
1960	July	91,690	44,860	766	.139	.040	.155	.107	.053	.505
1960	Aug.	18,410	19,180	867	.134	.039	.158	.100	.053	.515
1960	Sept.	16,980	20,030	582	.154	.036	.142	.146	.043	.480
1960	Oct.	57,970	45,910	737	.145	.037	.150	.128	.046	.494
1960	Nov.	39,570	39,660	746	.145	.037	.150	.127	.046	.495
1960	Dec.	39,620	40,220	902	.135	.035	.156	.111	.045	.518
1961	Jan.	34,540	42,380	904	.135	.033	.153	.112	.042	.525
1961	Feb.	40,820	50,200	721	.145	.033	.144	.128	.040	.509
1961	Mar.	66,060	64,810	228	.171	.033	.123	.181	.037	.455
1961	Apr.	156,900	85,220	399	.196	.034	.104	.247	.035	.384
1961	May	285,400	88,650	220	.197	.036	.105	.251	.037	.375
1961	June	227,000	68,020	592	.153	.038	.144	.144	.046	.476
1961	July	43,210	34,770	775	.141	.029	.140	.122	.034	.534
1961	Aug.	87,490	92,230	631	.151	.030	.134	.139	.035	.512
1961	Sept.	109,400	93,790	553	.164	.032	.131	.159	.039	.475
1961	Oct.	97,870	73,620	672	.156	.032	.137	.139	.040	.496
1961	Nov.	72,010	65,820	788	.146	.035	.141	.116	.042	.520
1961	Dec.	43,640	46,780	879	.141	.035	.143	.107	.043	.531
1962	Jan.	35,740	42,740	703	.157	.029	.138	.154	.036	.485
1962	Feb.	93,580	89,410	675	.155	.032	.137	.139	.040	.497
1962	Mar.	73,030	67,000	287	.192	.029	.109	.243	.035	.392
1962	Apr.	314,700	123,000	254	.197	.029	.104	.253	.036	.380
1962	May	346,200	119,700	269	.195	.030	.106	.244	.037	.388
1962	June	296,700	108,700	486	.168	.034	.127	.159	.042	.471
1962	July	87,470	57,800	928	.133	.037	.145	.095	.044	.546
1962	Aug.	23,450	29,600	853	.135	.035	.145	.104	.043	.538
1962	Sept.	26,410	30,640	727	.154	.029	.138	.191	.028	.459
1962	Oct.	103,900	102,800	840	.150	.037	.135	.134	.038	.506
1962	Nov.	45,440	51,930	929	.145	.038	.136	.120	.040	.520
1962	Dec.	33,130	41,860	991	.142	.039	.136	.111	.042	.530
1963	Jan.	25,190	33,950	880	.148	.037	.136	.129	.038	.512
1963	Feb.	39,110	46,780	853	.149	.038	.134	.129	.039	.511
1963	Mar.	39,780	46,170	631	.162	.038	.125	.163	.037	.475
1963	Apr.	64,390	55,270	530	.169	.038	.120	.187	.035	.452
1963	May	95,250	68,610	711	.156	.039	.128	.145	.039	.492
1963	June	46,700	45,150	1,170	.131	.039	.140	.093	.044	.552
1963	July	14,510	23,050	918	.146	.034	.141	.135	.035	.509
1963	Aug.	48,490	60,530	727	.156	.035	.133	.159	.034	.483
1963	Sept.	69,540	68,740	825	.135	.046	.129	.123	.041	.526
1963	Oct.	40,620	45,590	795	.139	.046	.127	.128	.040	.520
1963	Nov.	47,080	50,870							

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 68. 09379500 San Juan River near Bluff, Utah, water years 1929 through 1983--Continued											
1963	Dec.	48,350	51,200	779	0.140	0.046	0.127	0.129	0.040	0.518	
1964	Jan.	43,860	49,180	824	.137	.047	.128	.124	.041	.523	
1964	Feb.	29,840	37,470	923	.132	.048	.129	.114	.043	.534	
1964	Mar.	28,500	38,280	988	.128	.049	.131	.108	.044	.540	
1964	Apr.	29,730	38,340	948	.130	.048	.130	.112	.043	.537	
1964	May	102,500	65,000	466	.159	.043	.116	.175	.035	.471	
1964	June	121,000	77,870	473	.163	.043	.116	.179	.034	.466	
1964	July	113,500	84,900	550	.156	.042	.121	.166	.033	.482	
1964	Aug.	131,700	116,900	652	.147	.035	.136	.157	.027	.498	
1964	Sept.	55,610	60,260	797	.137	.042	.133	.131	.036	.522	
1964	Oct.	36,530	43,960	885	.131	.042	.136	.112	.035	.544	
1964	Nov.	42,200	50,100	873	.131	.041	.137	.115	.034	.541	
1964	Dec.	60,210	63,410	774	.137	.041	.135	.127	.033	.528	
1965	Jan.	121,500	91,260	552	.151	.041	.126	.156	.031	.495	
1965	Feb.	119,900	80,260	492	.156	.042	.120	.165	.032	.484	
1965	Mar.	85,320	75,460	650	.143	.041	.131	.140	.032	.513	
1965	Apr.	165,000	98,810	440	.159	.042	.118	.177	.031	.473	
1965	May	288,100	127,900	326	.173	.043	.107	.209	.030	.438	
1965	June	419,200	147,800	259	.181	.043	.099	.237	.029	.411	
1965	July	295,200	124,800	311	.171	.042	.109	.208	.030	.440	
1965	Aug.	217,700	137,700	465	.157	.038	.127	.179	.028	.471	
1965	Sept.	176,900	94,530	393	.165	.043	.113	.187	.031	.461	
1965	Oct.	190,500	110,700	427	.159	.041	.119	.181	.030	.469	
1965	Nov.	232,000	117,000	371	.165	.043	.114	.195	.030	.455	
1965	Dec.	234,900	125,200	392	.163	.042	.115	.191	.030	.459	
1966	Jan.	198,000	100,400	373	.164	.044	.112	.188	.031	.461	
1966	Feb.	129,100	82,620	470	.155	.043	.120	.166	.031	.485	
1966	Mar.	199,200	133,700	493	.155	.038	.125	.174	.029	.478	
1966	Apr.	252,500	114,100	332	.168	.044	.109	.204	.030	.445	
1966	May	266,700	108,700	300	.171	.046	.105	.210	.030	.438	
1966	June	126,900	68,560	397	.159	.047	.112	.172	.032	.478	
1966	July	53,570	53,220	731	.136	.041	.132	.122	.033	.535	
1966	Aug.	43,720	54,850	922	.129	.038	.141	.111	.032	.549	
1966	Sept.	42,500	50,940	881	.130	.039	.138	.111	.033	.549	
1966	Oct.	94,140	78,320	612	.145	.042	.127	.144	.033	.510	
1966	Nov.	69,880	63,540	669	.141	.042	.129	.134	.033	.521	
1966	Dec.	71,820	64,550	661	.141	.042	.128	.135	.033	.520	
1967	Jan.	58,350	57,830	729	.137	.043	.130	.125	.034	.531	
1967	Feb.	64,200	59,400	680	.141	.042	.129	.132	.033	.523	
1967	Mar.	79,370	70,610	654	.142	.042	.128	.136	.033	.518	

1967	Apr.	30,870	36,930	880	.128	.043	.133	.106	.035	.554
1967	May	77,670	65,290	618	.144	.042	.127	.141	.033	.513
1967	June	89,120	75,120	620	.145	.042	.127	.142	.033	.511
1967	July	39,310	43,250	809	.132	.043	.132	.114	.034	.545
1967	Aug.	150,700	100,700	491	.154	.041	.122	.169	.031	.483
1967	Sept.	93,430	74,590	587	.146	.042	.126	.148	.032	.506
1967	Oct.	30,740	38,080	911	.127	.045	.131	.104	.035	.558
1967	Nov.	37,680	43,210	843	.131	.045	.130	.112	.034	.548
1967	Dec.	39,090	44,750	842	.131	.045	.130	.112	.034	.548
1968	Jan.	35,620	42,150	870	.129	.045	.130	.109	.035	.552
1968	Feb.	53,620	53,720	737	.138	.044	.128	.126	.034	.530
1968	Mar.	49,890	52,400	772	.135	.044	.129	.121	.034	.537
1968	Apr.	83,040	71,540	633	.146	.043	.125	.143	.033	.510
1968	May	147,700	104,900	523	.155	.041	.121	.168	.032	.483
1968	June	240,600	142,900	437	.164	.039	.116	.194	.031	.455
1968	July	81,790	70,330	632	.145	.043	.125	.143	.033	.511
1968	Aug.	176,200	112,000	468	.159	.040	.118	.183	.032	.468
1968	Sept.	41,170	45,700	816	.133	.045	.130	.115	.034	.544
1968	Oct.	56,260	51,740	676	.143	.047	.121	.133	.036	.520
1968	Nov.	48,840	46,620	702	.141	.048	.122	.128	.036	.526
1968	Dec.	45,110	44,140	719	.140	.048	.122	.125	.036	.529
1969	Jan.	82,800	68,120	605	.148	.045	.121	.147	.035	.504
1969	Feb.	131,000	95,170	534	.155	.043	.119	.166	.034	.482
1969	Mar.	143,300	104,000	533	.155	.043	.119	.166	.034	.482
1969	Apr.	215,900	140,100	477	.161	.041	.118	.184	.033	.463
1969	May	270,700	166,700	453	.163	.041	.117	.193	.032	.454
1969	June	237,800	150,500	465	.162	.041	.118	.188	.032	.459
1969	July	202,400	133,700	486	.160	.042	.118	.181	.033	.467
1969	Aug.	101,200	79,810	580	.151	.045	.120	.153	.034	.496
1969	Sept.	117,600	88,480	553	.153	.044	.120	.160	.034	.489
1969	Oct.	208,000	166,200	588	.151	.038	.131	.169	.029	.483
1969	Nov.	118,100	72,330	450	.160	.045	.115	.173	.035	.471
1969	Dec.	109,100	67,670	456	.160	.046	.115	.170	.035	.475
1970	Jan.	74,990	54,340	533	.152	.046	.116	.148	.035	.502
1970	Feb.	129,700	60,220	342	.169	.048	.109	.199	.037	.438
1970	Mar.	116,000	62,480	396	.164	.047	.112	.182	.037	.458
1970	Apr.	48,990	44,070	662	.146	.046	.118	.130	.034	.526
1970	May	140,000	77,470	407	.162	.045	.115	.184	.035	.460
1970	June	138,400	67,680	360	.167	.047	.111	.193	.037	.445
1970	July	73,970	52,780	525	.154	.046	.116	.152	.035	.497
1970	Aug.	65,580	65,880	739	.142	.042	.124	.128	.031	.532
1970	Sept.	307,800	210,800	503	.156	.036	.131	.196	.028	.454
1970	Oct.	141,700	83,780	435	.163	.042	.122	.177	.034	.462
1970	Nov.	136,500	80,120	432	.163	.042	.122	.177	.034	.462
1970	Dec.	149,300	80,470	396	.166	.043	.118	.187	.034	.452
1971	Jan.	164,300	82,020	367	.169	.044	.115	.198	.034	.441
1971	Feb.	144,100	71,220	364	.168	.043	.115	.198	.034	.442
1971	Mar.	101,000	58,040	422	.162	.044	.120	.169	.035	.471
1971	Apr.	68,920	49,730	531	.153	.043	.127	.140	.036	.500
1971	May	86,190	64,070	547	.151	.041	.131	.143	.035	.498
1971	June	123,200	62,470	373	.168	.045	.114	.187	.035	.451
1971	July	65,840	51,170	571	.148	.041	.133	.131	.035	.511
1971	Aug.	107,800	127,900	873	.129	.033	.165	.122	.030	.521
1971	Sept.	51,490	52,740	753	.136	.038	.145	.111	.035	.534

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 68. 09379500 San Juan River near Bluff, Utah, water years 1929 through 1983--Continued										
1971	Oct.	99,530	99,050	732	0.136	0.033	0.147	0.118	0.033	0.533
1971	Nov.	59,200	60,530	752	.135	.037	.145	.106	.034	.544
1971	Dec.	110,200	81,010	540	.149	.038	.133	.142	.034	.503
1972	Jan.	119,200	71,980	444	.158	.042	.124	.161	.035	.480
1972	Feb.	109,500	66,140	444	.158	.042	.124	.161	.035	.480
1972	Mar.	119,500	65,150	401	.162	.044	.119	.171	.035	.469
1972	Apr.	64,610	43,830	499	.152	.044	.128	.139	.035	.502
1972	May	81,100	54,830	497	.153	.042	.128	.143	.035	.499
1972	June	118,100	71,110	443	.158	.041	.124	.162	.034	.480
1972	July	17,080	18,320	789	.130	.044	.142	.087	.036	.563
1972	Aug.	30,600	40,950	984	.122	.033	.157	.086	.033	.570
1972	Sept.	56,330	52,040	679	.139	.039	.141	.113	.034	.534
1972	Oct.	339,000	297,600	645	.140	.027	.147	.155	.033	.499
1972	Nov.	95,840	84,890	651	.140	.037	.142	.124	.037	.521
1972	Dec.	100,200	73,880	542	.148	.040	.134	.139	.037	.503
1973	Jan.	109,100	78,360	528	.149	.040	.133	.143	.036	.499
1973	Feb.	178,300	125,200	516	.151	.036	.133	.157	.035	.488
1973	Mar.	177,400	178,600	740	.134	.031	.150	.123	.036	.526
1973	Apr.	260,500	225,100	635	.141	.031	.144	.142	.035	.507
1973	May	485,600	233,600	354	.164	.036	.117	.217	.032	.433
1973	June	463,600	198,400	315	.168	.037	.113	.230	.032	.420
1973	July	398,300	174,500	322	.167	.038	.114	.221	.032	.427
1973	Aug.	221,800	111,100	368	.164	.041	.119	.193	.034	.450
1973	Sept.	194,800	110,000	415	.159	.039	.124	.178	.035	.465
1973	Oct.	132,600	81,070	450	.157	.042	.123	.164	.035	.478
1973	Nov.	134,200	80,340	440	.158	.042	.123	.167	.035	.475
1973	Dec.	140,700	83,030	434	.159	.042	.122	.168	.035	.474
1974	Jan.	133,000	75,990	420	.160	.043	.121	.170	.035	.471
1974	Feb.	92,270	62,410	497	.152	.043	.126	.152	.036	.489
1974	Mar.	103,400	91,500	650	.140	.039	.138	.132	.037	.514
1974	Apr.	65,230	47,610	537	.149	.046	.127	.142	.038	.498
1974	May	105,700	58,020	403	.161	.046	.118	.171	.035	.469
1974	June	69,070	43,340	461	.155	.048	.122	.155	.037	.484
1974	July	39,260	39,190	734	.133	.043	.139	.116	.040	.528
1974	Aug.	24,950	25,840	761	.132	.049	.136	.109	.042	.532
1974	Sept.	24,990	25,230	742	.133	.049	.135	.111	.042	.530
1974	Oct.	74,950	54,610	536	.146	.042	.130	.147	.036	.499
1974	Nov.	70,400	71,680	749	.134	.041	.137	.130	.040	.517
1974	Dec.	55,370	52,590	698	.137	.042	.137	.127	.038	.519
1975	Jan.	58,840	49,340	617	.141	.042	.134	.133	.037	.512

1975	Feb.	50,440	48,530	708	.136	.042	.138	.126	.039	.519
1975	Mar.	111,700	114,300	752	.135	.040	.135	.140	.040	.510
1975	Apr.	158,900	99,760	462	.154	.041	.121	.174	.035	.474
1975	May	294,600	117,400	293	.175	.042	.104	.225	.029	.425
1975	June	396,900	120,400	223	.186	.042	.094	.256	.026	.395
1975	July	361,400	120,000	244	.182	.042	.098	.244	.027	.406
1975	Aug.	147,300	71,310	356	.167	.043	.114	.190	.031	.455
1975	Sept.	129,200	71,880	409	.161	.043	.118	.179	.033	.467
1975	Oct.	106,700	61,180	422	.164	.042	.115	.179	.031	.469
1975	Nov.	102,400	58,300	419	.164	.041	.115	.180	.031	.468
1975	Dec.	87,650	50,770	426	.164	.041	.116	.175	.032	.472
1976	Jan.	96,760	66,190	503	.156	.042	.121	.164	.033	.485
1976	Feb.	81,420	59,910	541	.152	.041	.124	.155	.034	.493
1976	Mar.	78,620	62,590	585	.149	.041	.127	.148	.034	.501
1976	Apr.	52,560	40,550	567	.151	.041	.126	.144	.035	.503
1976	May	178,600	80,920	333	.173	.042	.106	.212	.028	.439
1976	June	180,200	92,450	377	.166	.042	.111	.201	.029	.451
1976	July	52,070	42,610	602	.147	.040	.129	.138	.036	.510
1976	Aug.	47,860	38,270	588	.149	.040	.128	.139	.036	.508
1976	Sept.	65,580	54,820	615	.145	.042	.128	.150	.034	.501
1976	Oct.	51,150	45,060	648	.141	.038	.135	.136	.037	.514
1976	Nov.	47,480	47,260	732	.134	.036	.140	.125	.037	.527
1976	Dec.	81,970	57,540	516	.152	.038	.124	.166	.034	.485
1977	Jan.	83,620	58,470	514	.152	.038	.124	.167	.034	.485
1977	Feb.	54,950	45,680	611	.143	.038	.132	.144	.036	.507
1977	Mar.	42,010	33,870	593	.147	.039	.130	.139	.037	.507
1977	Apr.	23,730	23,250	721	.138	.039	.138	.115	.040	.530
1977	May	20,860	24,160	851	.128	.037	.145	.101	.041	.547
1977	June	33,090	30,060	668	.138	.038	.137	.128	.038	.521
1977	July	57,810	37,760	480	.149	.038	.124	.174	.034	.481
1977	Aug.	81,070	51,810	470	.152	.038	.122	.179	.033	.476
1977	Sept.	33,470	32,110	705	.137	.038	.138	.122	.039	.526
1977	Oct.	38,960	37,760	713	.136	.037	.136	.130	.038	.522
1977	Nov.	51,050	45,290	652	.139	.037	.132	.145	.037	.509
1977	Dec.	48,560	44,350	672	.139	.037	.133	.140	.038	.513
1978	Jan.	57,760	50,080	638	.140	.037	.131	.149	.037	.505
1978	Feb.	60,750	49,410	598	.143	.037	.128	.159	.036	.496
1978	Mar.	101,200	74,030	538	.146	.038	.123	.182	.035	.478
1978	Apr.	155,300	78,570	525	.147	.038	.121	.187	.034	.473
1978	May	110,000	100,800	477	.149	.038	.116	.208	.033	.456
1978	June	203,500	121,600	439	.151	.037	.112	.227	.032	.440
1978	July	62,750	52,380	614	.141	.037	.129	.156	.036	.500
1978	Aug.	15,400	19,420	927	.125	.036	.147	.094	.041	.557
1978	Sept.	29,520	28,970	722	.134	.037	.138	.128	.039	.526
1978	Oct.	40,940	39,040	701	.132	.035	.138	.140	.038	.517
1978	Nov.	78,140	60,180	566	.141	.038	.127	.167	.036	.492
1978	Dec.	76,120	59,890	579	.139	.037	.128	.165	.036	.494
1979	Jan.	93,160	70,510	557	.138	.038	.126	.174	.036	.488
1979	Feb.	132,900	110,400	611	.133	.039	.124	.187	.037	.481
1979	Mar.	225,800	211,600	689	.125	.039	.126	.189	.037	.483
1979	Apr.	573,500	334,800	429	.143	.043	.104	.246	.033	.431
1979	May	635,400	301,500	349	.153	.044	.097	.261	.031	.413
1979	June	614,800	225,500	270	.167	.045	.090	.275	.029	.394
1979	July	413,100	150,600	268	.171	.044	.093	.257	.030	.405

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 68. 09379500 San Juan River near Bluff, Utah, water years 1929 through 1983--Continued										
1979	Aug.	142,200	92,910	481	0.146	0.040	0.118	0.192	0.035	0.469
1979	Sept.	39,410	37,250	695	.133	.035	.138	.140	.038	.517
1979	Oct.	62,950	50,730	593	.142	.040	.125	.150	.034	.509
1979	Nov.	53,420	45,460	626	.139	.039	.128	.144	.035	.515
1979	Dec.	125,700	80,060	468	.150	.042	.116	.178	.033	.481
1980	Jan.	148,800	98,330	486	.147	.043	.115	.186	.034	.476
1980	Feb.	193,400	170,100	647	.132	.044	.116	.205	.038	.466
1980	Mar.	221,100	206,500	687	.130	.044	.118	.201	.039	.469
1980	Apr.	284,600	214,100	553	.135	.045	.111	.220	.037	.452
1980	May	369,600	178,800	356	.154	.045	.101	.234	.032	.433
1980	June	377,800	135,400	264	.168	.045	.096	.239	.029	.424
1980	July	123,200	70,970	424	.153	.042	.114	.179	.032	.479
1980	Aug.	75,750	56,100	545	.145	.040	.122	.157	.034	.501
1980	Sept.	106,200	71,150	493	.148	.042	.117	.174	.033	.486
1980	Oct.	84,320	55,790	487	.155	.044	.128	.166	.037	.470
1980	Nov.	104,000	62,680	443	.156	.043	.121	.174	.035	.470
1980	Dec.	94,300	58,130	453	.156	.043	.123	.171	.035	.471
1981	Jan.	66,710	39,010	430	.161	.040	.116	.156	.030	.498
1981	Feb.	60,740	39,030	472	.158	.042	.124	.157	.033	.485
1981	Mar.	60,660	46,050	558	.153	.045	.139	.155	.039	.469
1981	Apr.	38,910	34,290	648	.150	.045	.151	.142	.042	.470
1981	May	60,260	48,860	596	.150	.046	.146	.158	.043	.457
1981	June	108,600	82,920	562	.146	.049	.144	.184	.048	.430
1981	July	110,000	113,700	760	.132	.055	.175	.183	.069	.386
1981	Aug.	52,920	41,930	583	.152	.045	.143	.152	.041	.468
1981	Sept.	85,160	50,440	436	.158	.042	.119	.168	.033	.479
1981	Oct.	113,900	69,690	450	.157	.045	.125	.180	.037	.456
1981	Nov.	63,940	44,640	513	.156	.044	.130	.158	.036	.476
1981	Dec.	60,640	43,460	527	.156	.044	.131	.155	.036	.478
1982	Jan.	65,080	45,700	516	.156	.044	.130	.157	.036	.476
1982	Feb.	63,520	43,530	504	.157	.044	.129	.160	.036	.474
1982	Mar.	90,310	57,560	469	.158	.044	.125	.168	.036	.469
1982	Apr.	131,100	74,260	417	.159	.044	.119	.183	.035	.459
1982	May	220,100	109,200	365	.161	.045	.112	.201	.034	.448
1982	June	255,100	120,700	348	.161	.045	.109	.207	.034	.444
1982	July	138,600	77,790	413	.159	.044	.118	.184	.035	.459
1982	Aug.	199,000	96,570	357	.160	.044	.112	.203	.034	.447
1982	Sept.	160,000	85,450	393	.160	.045	.116	.191	.035	.454
1982	Oct.	101,300	62,630	455	.162	.048	.124	.182	.038	.447
1982	Nov.	93,300	61,730	487	.159	.048	.129	.181	.040	.442

1982 Dec.	121,700	71,040	429	.160	.047	.125	.186	.039	.443
1983 Jan.	143,900	75,930	388	.165	.046	.114	.191	.034	.450
1983 Feb.	136,600	73,800	397	.162	.047	.120	.192	.037	.443
1983 Mar.	240,100	123,200	377	.154	.047	.129	.202	.043	.425
1983 Apr.	296,600	181,700	450	.142	.049	.145	.209	.050	.404
1983 May	329,000	141,400	316	.160	.045	.112	.213	.034	.436
1983 June	355,400	125,900	260	.169	.043	.096	.215	.027	.449
1983 July	261,600	115,300	324	.162	.045	.114	.206	.035	.438
1983 Aug.	143,800	90,310	462	.152	.048	.137	.193	.046	.424
1983 Sept.	69,920	45,100	474	.165	.048	.122	.175	.037	.454

Site 69. 09380000 Colorado River at Lees Ferry, Ariz., water years 1926 through 1983.

1925 Oct.	999,900	778,300	572	.137	.046	.150	.150	.086	.432
1925 Nov.	606,900	626,800	760	.125	.045	.157	.123	.095	.456
1925 Dec.	444,500	561,900	930	.116	.044	.161	.105	.103	.472
1926 Jan.	358,000	514,700	1,060	.110	.043	.163	.095	.108	.481
1926 Feb.	350,200	480,800	1,010	.112	.043	.162	.099	.106	.478
1926 Mar.	639,400	646,000	743	.125	.045	.156	.124	.095	.455
1926 Apr.	1,578,000	903,100	421	.149	.046	.142	.183	.076	.404
1926 May	3,356,000	1,280,000	281	.167	.046	.128	.240	.061	.358
1926 June	3,432,000	1,263,000	271	.168	.046	.127	.245	.060	.354
1926 July	1,382,000	886,100	471	.145	.046	.145	.171	.079	.414
1926 Aug.	534,900	603,100	829	.120	.044	.159	.114	.099	.463
1926 Sept.	294,600	462,100	1,150	.106	.042	.165	.088	.111	.487
1926 Oct.	427,500	552,600	950	.115	.044	.161	.103	.104	.473
1926 Nov.	331,700	489,800	1,090	.109	.043	.163	.093	.108	.483
1926 Dec.	377,000	516,700	1,010	.111	.043	.162	.098	.107	.479
1927 Jan.	334,400	497,200	1,090	.108	.043	.164	.092	.109	.484
1927 Feb.	385,800	497,300	948	.115	.044	.161	.103	.104	.474
1927 Mar.	601,100	636,800	779	.124	.045	.157	.120	.096	.458
1927 Apr.	1,213,000	827,400	502	.143	.046	.146	.164	.081	.419
1927 May	3,863,000	1,361,000	259	.170	.046	.125	.252	.059	.349
1927 June	3,643,000	1,307,000	264	.170	.046	.126	.249	.059	.350
1927 July	2,405,000	1,080,000	330	.158	.046	.135	.213	.069	.380
1927 Aug.	925,600	755,700	600	.135	.045	.151	.145	.087	.436
1927 Sept.	2,034,000	972,700	352	.154	.046	.137	.203	.072	.389
1927 Oct.	935,200	866,900	682	.135	.047	.150	.138	.084	.447
1927 Nov.	733,900	764,100	766	.130	.046	.153	.127	.089	.456
1927 Dec.	439,900	610,500	1,020	.116	.045	.160	.102	.102	.476
1928 Jan.	466,800	632,000	996	.117	.045	.159	.104	.100	.474
1928 Feb.	459,900	604,700	967	.118	.045	.159	.106	.099	.472
1928 Mar.	750,700	779,400	763	.129	.046	.153	.127	.089	.456
1928 Apr.	983,800	870,800	651	.137	.047	.149	.142	.082	.443
1928 May	4,340,000	1,766,000	299	.172	.047	.123	.239	.053	.366
1928 June	3,703,000	1,590,000	316	.169	.047	.125	.230	.056	.373
1928 July	1,527,000	1,083,000	521	.147	.047	.147	.166	.074	.423
1928 Aug.	622,500	717,800	848	.124	.046	.156	.117	.094	.463
1928 Sept.	344,700	537,500	1,150	.110	.044	.162	.093	.107	.483
1928 Oct.	605,200	680,300	827	.124	.046	.154	.120	.095	.462
1928 Nov.	566,900	659,500	855	.123	.046	.154	.118	.095	.464
1928 Dec.	341,400	515,400	1,110	.109	.045	.161	.097	.110	.477
1929 Jan.	328,500	512,300	1,150	.109	.045	.162	.095	.110	.478

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 69. 09380000 Colorado River at Lees Ferry, Ariz., water years 1926 through 1983--Continued											
1929	Feb.	342,800	496,200	1,060	0.113	0.045	0.160	0.100	0.107	0.475	
1929	Mar.	919,500	835,100	668	.134	.047	.147	.139	.084	.449	
1929	Apr.	1,674,000	1,128,000	496	.150	.047	.137	.171	.069	.426	
1929	May	4,070,000	1,772,000	320	.170	.047	.121	.223	.053	.386	
1929	June	4,805,000	1,936,000	296	.175	.047	.117	.235	.049	.377	
1929	July	2,005,000	1,256,000	461	.154	.047	.134	.179	.066	.419	
1929	Aug.	1,891,000	1,185,000	461	.152	.047	.135	.177	.068	.421	
1929	Sept.	1,639,000	1,121,000	503	.150	.047	.137	.169	.070	.427	
1929	Oct.	921,500	861,200	687	.134	.047	.148	.139	.084	.448	
1929	Nov.	558,700	661,100	870	.122	.047	.155	.118	.096	.462	
1929	Dec.	435,700	591,400	998	.115	.046	.159	.107	.104	.469	
1930	Jan.	294,800	486,700	1,210	.106	.045	.164	.092	.115	.478	
1930	Feb.	481,300	587,200	897	.120	.046	.156	.115	.098	.464	
1930	Mar.	568,900	678,400	877	.122	.047	.155	.117	.096	.463	
1930	Apr.	1,705,000	1,113,000	480	.150	.047	.136	.173	.069	.423	
1930	May	1,976,000	1,256,000	467	.153	.048	.135	.178	.066	.420	
1930	June	3,067,000	1,542,000	370	.165	.047	.126	.206	.057	.399	
1930	July	1,061,000	924,200	641	.137	.047	.146	.145	.080	.444	
1930	Aug.	1,461,000	1,068,000	538	.146	.047	.140	.162	.073	.432	
1930	Sept.	520,300	634,400	897	.120	.046	.156	.115	.098	.464	
1930	Oct.	547,900	631,900	848	.121	.047	.154	.121	.098	.458	
1930	Nov.	422,700	547,200	952	.116	.047	.157	.112	.104	.464	
1930	Dec.	287,100	461,200	1,180	.106	.046	.163	.097	.116	.473	
1931	Jan.	262,200	443,000	1,240	.104	.046	.164	.093	.118	.474	
1931	Feb.	364,700	492,500	993	.114	.047	.158	.109	.106	.466	
1931	Mar.	426,500	558,700	963	.115	.047	.158	.111	.105	.464	
1931	Apr.	564,000	624,100	814	.123	.047	.153	.124	.097	.456	
1931	May	1,156,000	893,400	569	.140	.047	.142	.155	.080	.435	
1931	June	1,384,000	962,000	511	.146	.047	.138	.166	.075	.428	
1931	July	447,300	546,900	899	.116	.047	.157	.114	.105	.462	
1931	Aug.	245,700	424,300	1,270	.102	.046	.165	.091	.120	.475	
1931	Sept.	267,900	415,200	1,140	.104	.046	.163	.096	.119	.472	
1941	Oct.	1,797,000	904,000	370	.145	.052	.130	.186	.076	.411	
1941	Nov.	902,800	704,300	574	.131	.051	.144	.147	.090	.438	
1941	Dec.	575,700	617,800	789	.119	.049	.153	.122	.102	.454	
1942	Jan.	406,700	542,600	981	.111	.048	.160	.106	.112	.463	
1942	Feb.	396,300	506,800	940	.113	.048	.158	.110	.109	.462	
1942	Mar.	630,100	633,300	739	.121	.050	.151	.126	.100	.451	
1942	Apr.	2,844,000	1,039,000	269	.156	.052	.119	.220	.065	.387	
1942	May	3,209,000	1,121,000	257	.159	.052	.117	.227	.063	.383	

1942	June	4,202,000	1,210,000	212	.165	.052	.110	.250	.057	.367
1942	July	1,317,000	820,000	458	.139	.052	.136	.167	.082	.424
1942	Aug.	453,800	564,100		.113	.048	.158	.111	.109	.461
1942	Sept.	275,300	466,500	1,250	.103	.047	.166	.092	.121	.472
1942	Oct.	334,300	486,500	1,070	.107	.048	.152	.095	.115	.473
1942	Nov.	368,400	561,400	1,120	.106	.047	.164	.094	.112	.477
1942	Dec.	357,200	535,300	1,100	.107	.048	.163	.094	.113	.476
1943	Jan.	329,500	481,600	1,070	.107	.048	.162	.095	.115	.473
1943	Feb.	332,300	461,300	1,020	.109	.048	.161	.098	.112	.471
1943	Mar.	516,300	605,700	863	.116	.049	.157	.111	.104	.463
1943	Apr.	1,450,000	883,600	448	.138	.051	.140	.169	.081	.422
1943	May	2,158,000	922,300	314	.151	.052	.128	.207	.071	.391
1943	June	2,729,000	1,080,000	291	.154	.052	.125	.220	.066	.383
1943	July	1,429,000	698,000	359	.146	.052	.132	.187	.080	.403
1943	Aug.	792,800	847,200	786	.119	.049	.156	.122	.094	.460
1943	Sept.	447,400	483,800	795	.118	.049	.155	.115	.106	.457
1943	Oct.	377,500	563,600	1,100	.106	.047	.164	.095	.112	.475
1943	Nov.	456,400	583,700	940	.112	.048	.160	.106	.107	.466
1943	Dec.	394,900	532,200	991	.110	.048	.161	.101	.111	.469
1944	Jan.	278,500	424,200	1,120	.105	.047	.163	.091	.119	.475
1944	Feb.	343,900	464,100	992	.110	.048	.160	.100	.113	.469
1944	Mar.	509,100	625,800	904	.114	.048	.160	.109	.105	.464
1944	Apr.	1,027,000	857,100	614	.128	.050	.150	.145	.088	.439
1944	May	3,251,000	1,459,000	330	.149	.050	.131	.215	.066	.388
1944	June	4,136,000	1,292,000	230	.163	.051	.117	.259	.058	.352
1944	July	1,782,000	820,600	339	.149	.051	.131	.201	.075	.393
1944	Aug.	417,300	447,200	788	.118	.049	.154	.113	.109	.456
1944	Sept.	228,700	358,100	1,150	.104	.047	.163	.087	.123	.476
1944	Oct.	341,500	515,700	1,110	.105	.047	.164	.090	.114	.480
1944	Nov.	383,500	535,100	1,030	.109	.048	.163	.096	.110	.475
1944	Dec.	320,200	468,100	1,080	.107	.047	.162	.091	.114	.478
1945	Jan.	325,200	472,000	1,070	.107	.048	.162	.091	.114	.477
1945	Feb.	351,500	477,000	998	.110	.048	.162	.097	.110	.473
1945	Mar.	436,900	561,200	944	.112	.048	.161	.102	.108	.469
1945	Apr.	754,800	734,500	716	.122	.049	.156	.129	.095	.449
1945	May	2,805,000	1,189,000	312	.154	.050	.131	.224	.068	.374
1945	June	2,761,000	1,047,000	279	.159	.051	.126	.235	.066	.363
1945	July	1,668,000	813,800	359	.149	.051	.135	.196	.076	.392
1945	Aug.	1,011,000	941,100	684	.124	.049	.156	.136	.090	.444
1945	Sept.	370,300	482,000	957	.111	.048	.160	.099	.110	.471
1945	Oct.	505,200	746,500	1,090	.109	.045	.163	.103	.105	.476
1945	Nov.	443,300	604,500	1,000	.111	.045	.158	.117	.103	.466
1945	Dec.	336,500	547,100	1,200	.102	.043	.164	.099	.110	.482
1946	Jan.	365,900	569,500	1,140	.105	.044	.163	.103	.108	.478
1946	Feb.	319,100	507,400	1,170	.104	.043	.163	.101	.109	.480
1946	Mar.	495,600	645,000	957	.113	.045	.157	.122	.101	.462
1946	Apr.	1,013,000	824,700	598	.133	.047	.141	.178	.085	.415
1946	May	1,732,000	1,066,000	452	.147	.048	.148	.225	.073	.378
1946	June	1,993,000	1,099,000	406	.151	.048	.143	.243	.070	.365
1946	July	730,100	749,700	755	.124	.047	.149	.120	.093	.439
1946	Aug.	478,500	632,300	1,112	.112	.045	.158	.120	.102	.464
1946	Sept.	309,700	519,200	1,230	.101	.043	.165	.096	.111	.484
1946	Oct.	402,600	512,300	936	.121	.046	.153	.109	.107	.463
1946	Nov.	466,600	541,100	853	.127	.047	.150	.119	.102	.455

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 69. 09380000 Colorado River at Lees Ferry, Ariz., water years 1926 through 1983--Continued										
1946	Dec.	444,600	537,400	889	0.124	0.046	0.152	0.115	0.105	0.459
1947	Jan.	277,300	426,700	1,130	.111	.045	.159	.091	.117	.476
1947	Feb.	356,700	458,800	946	.121	.046	.154	.108	.108	.463
1947	Mar.	654,400	628,600	706	.135	.047	.144	.139	.095	.440
1947	Apr.	780,200	686,000	647	.141	.047	.140	.152	.089	.431
1947	May	3,121,000	1,350,000	318	.175	.046	.109	.265	.058	.347
1947	June	3,275,000	1,381,000	310	.177	.046	.107	.271	.056	.343
1947	July	1,926,000	1,072,000	409	.164	.047	.121	.220	.069	.380
1947	Aug.	1,203,000	853,100	521	.152	.047	.132	.181	.080	.409
1947	Sept.	584,100	601,700	758	.133	.047	.146	.133	.097	.445
1947	Oct.	818,300	875,600	787	.132	.046	.149	.132	.092	.449
1947	Nov.	585,300	620,900	780	.132	.047	.148	.131	.100	.442
1947	Dec.	465,700	561,500	887	.125	.047	.153	.118	.106	.452
1948	Jan.	406,200	487,400	882	.125	.047	.152	.117	.109	.449
1948	Feb.	457,800	539,700	867	.126	.047	.152	.120	.105	.450
1948	Mar.	645,000	733,900	837	.129	.046	.151	.125	.099	.451
1948	Apr.	1,703,000	1,099,000	475	.157	.047	.129	.195	.074	.399
1948	May	3,507,000	1,316,000	276	.180	.046	.104	.284	.054	.331
1948	June	3,339,000	1,142,000	252	.183	.046	.100	.300	.053	.318
1948	July	979,600	623,400	468	.156	.049	.128	.194	.082	.391
1948	Aug.	531,400	627,400	868	.126	.046	.152	.120	.103	.452
1948	Sept.	230,000	345,100	1,100	.112	.046	.159	.096	.125	.462
1948	Oct.	330,600	523,200	1,160	.112	.046	.159	.095	.116	.474
1948	Nov.	407,600	587,100	1,060	.117	.046	.156	.103	.109	.469
1948	Dec.	346,800	499,300	1,060	.115	.047	.157	.102	.114	.465
1949	Jan.	337,200	469,300	1,020	.117	.047	.156	.105	.114	.462
1949	Feb.	360,800	449,300	916	.122	.048	.153	.114	.110	.453
1949	Mar.	706,300	831,500	866	.129	.046	.149	.122	.095	.458
1949	Apr.	1,307,000	983,100	553	.148	.047	.136	.169	.080	.420
1949	May	3,098,000	1,325,000	315	.175	.048	.113	.253	.059	.352
1949	June	4,419,000	1,814,000	302	.180	.046	.110	.262	.052	.350
1949	July	2,137,000	1,096,000	377	.166	.048	.122	.223	.067	.375
1949	Aug.	575,800	560,600	716	.133	.049	.146	.138	.100	.435
1949	Sept.	313,500	467,900	1,100	.114	.046	.158	.099	.116	.468
1949	Oct.	509,000	753,300	1,090	.122	.046	.150	.103	.100	.480
1949	Nov.	472,800	619,000	963	.123	.047	.151	.114	.103	.462
1949	Dec.	368,000	505,400	1,010	.117	.048	.155	.109	.112	.459
1950	Jan.	349,800	496,400	1,040	.116	.048	.155	.106	.113	.462
1950	Feb.	398,600	490,600	905	.123	.048	.152	.119	.107	.451
1950	Mar.	649,800	722,200	817	.132	.048	.145	.129	.095	.450

1950	Apr.	1,217,000	902,300	545	.150	.048	.133	.173	.080	.415
1950	May	1,971,000	955,400	357	.165	.049	.121	.235	.069	.361
1950	June	2,979,000	1,106,000	273	.176	.049	.110	.279	.059	.328
1950	July	1,377,000	916,200	489	.153	.048	.130	.186	.077	.406
1950	Aug.	421,700	419,200	731	.126	.051	.151	.140	.110	.423
1950	Sept.	330,000	477,600	1,060	.116	.047	.155	.104	.112	.466
1950	Oct.	341,600	482,600	1,040	.117	.047	.154	.107	.110	.465
1950	Nov.	349,800	531,900	1,120	.115	.046	.153	.101	.109	.475
1950	Dec.	415,100	549,900	974	.121	.047	.152	.113	.105	.462
1951	Jan.	315,300	455,700	1,060	.115	.047	.154	.105	.112	.466
1951	Feb.	360,600	457,200	932	.122	.048	.151	.117	.106	.456
1951	Mar.	417,600	507,000	893	.123	.048	.151	.121	.105	.451
1951	Apr.	531,100	538,600	746	.132	.049	.147	.139	.098	.436
1951	May	1,645,000	937,000	419	.161	.049	.128	.212	.071	.379
1951	June	2,886,000	1,172,000	299	.175	.049	.115	.265	.058	.337
1951	July	1,357,000	647,100	351	.161	.051	.126	.237	.073	.352
1951	Aug.	786,900	855,100	799	.134	.047	.142	.132	.087	.458
1951	Sept.	410,700	524,300	939	.123	.047	.150	.116	.103	.461
1951	Oct.	412,100	594,700	1,060	.117	.047	.154	.105	.106	.471
1951	Nov.	445,000	619,900	912	.119	.047	.153	.109	.103	.469
1951	Dec.	333,400	478,300	1,050	.115	.047	.155	.105	.111	.466
1952	Jan.	476,000	590,500	912	.124	.048	.151	.119	.101	.457
1952	Feb.	379,300	484,200	939	.121	.048	.153	.116	.106	.456
1952	Mar.	439,700	581,200	972	.120	.048	.153	.113	.104	.462
1952	Apr.	2,267,000	1,666,000	541	.156	.047	.131	.179	.070	.418
1952	May	5,081,000	2,035,000	295	.183	.047	.110	.272	.052	.337
1952	June	5,192,000	1,850,000	262	.185	.046	.106	.291	.050	.321
1952	July	1,573,000	875,800	409	.161	.049	.128	.216	.073	.373
1952	Aug.	821,200	856,800	767	.135	.048	.145	.138	.090	.445
1952	Sept.	541,900	690,000	936	.124	.047	.150	.117	.098	.463
1952	Oct.	368,500	521,600	1,040	.118	.046	.156	.106	.107	.467
1952	Nov.	386,500	585,600	1,110	.116	.045	.156	.102	.106	.474
1952	Dec.	378,500	560,000	1,090	.117	.045	.156	.103	.107	.472
1953	Jan.	393,700	544,100	1,020	.119	.046	.155	.109	.106	.465
1953	Feb.	365,300	479,000	964	.121	.046	.155	.113	.105	.460
1953	Mar.	457,700	569,400	915	.124	.046	.153	.118	.102	.457
1953	Apr.	528,900	576,700	802	.130	.047	.150	.131	.097	.445
1953	May	1,047,000	728,400	511	.150	.048	.138	.183	.081	.401
1953	June	2,992,000	1,119,000	275	.175	.046	.116	.278	.058	.328
1953	July	950,000	606,500	469	.150	.047	.137	.191	.082	.392
1953	Aug.	661,200	751,200	835	.130	.047	.150	.128	.094	.453
1953	Sept.	258,000	397,400	1,130	.113	.045	.158	.098	.114	.471
1953	Oct.	320,700	554,700	1,270	.116	.043	.158	.096	.107	.480
1953	Nov.	413,900	616,800	1,100	.123	.044	.155	.108	.103	.468
1953	Dec.	340,900	507,600	1,090	.119	.045	.157	.105	.109	.465
1954	Jan.	318,500	478,100	1,100	.118	.045	.158	.104	.111	.465
1954	Feb.	341,800	451,900	972	.123	.045	.155	.115	.107	.455
1954	Mar.	392,800	495,300	927	.125	.045	.155	.119	.106	.450
1954	Apr.	546,300	534,600	720	.135	.046	.148	.143	.098	.430
1954	May	1,277,000	718,300	414	.160	.046	.130	.214	.079	.372
1954	June	792,000	486,000	451	.150	.047	.137	.194	.090	.382
1954	July	647,400	563,400	640	.141	.046	.144	.156	.094	.419
1954	Aug.	321,000	373,300	855	.123	.046	.156	.122	.112	.441
1954	Sept.	388,800	608,100	1,150	.122	.044	.154	.105	.102	.473

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
			Load (tons)	Concen- tration (mg/L)							
Site 69. 09380000 Colorado River at Lees Ferry, Ariz., water years 1926 through 1983--Continued											
1954	Oct.	512,300	700,300	1,010	0.133	0.042	0.152	0.122	0.099	0.452	
1954	Nov.	348,800	479,600	1,010	.126	.044	.155	.113	.108	.454	
1954	Dec.	278,500	422,900	1,120	.118	.044	.158	.102	.114	.463	
1955	Jan.	244,100	394,400	1,190	.115	.044	.160	.096	.117	.468	
1955	Feb.	243,300	342,900	1,040	.119	.045	.158	.106	.116	.457	
1955	Mar.	579,800	743,900	944	.138	.042	.150	.130	.095	.445	
1955	Apr.	617,500	650,300	774	.142	.043	.147	.145	.095	.427	
1955	May	1,570,000	858,300	402	.172	.043	.126	.233	.075	.352	
1955	June	1,586,000	760,700	353	.175	.043	.122	.249	.074	.337	
1955	July	570,600	386,000	497	.147	.047	.141	.177	.099	.389	
1955	Aug.	509,600	678,700	979	.133	.043	.152	.123	.099	.449	
1955	Sept.	229,700	345,300	1,110	.116	.045	.159	.100	.118	.462	
1955	Oct.	213,600	354,500	1,220	.113	.044	.161	.093	.125	.465	
1955	Nov.	275,600	448,300	1,200	.119	.044	.157	.099	.118	.462	
1955	Dec.	326,500	466,300	1,050	.125	.045	.155	.110	.114	.451	
1956	Jan.	372,900	483,400	953	.130	.045	.153	.119	.111	.442	
1956	Feb.	280,500	394,300	1,030	.123	.045	.156	.109	.116	.451	
1956	Mar.	510,700	588,600	847	.140	.045	.147	.136	.103	.429	
1956	Apr.	898,100	674,200	552	.161	.046	.135	.188	.087	.383	
1956	May	2,190,000	1,027,000	345	.187	.044	.114	.270	.066	.320	
1956	June	2,594,000	978,800	278	.194	.043	.106	.306	.060	.293	
1956	July	556,700	412,900	545	.150	.047	.142	.174	.098	.390	
1956	Aug.	355,800	461,100	953	.129	.045	.153	.118	.112	.443	
1956	Sept.	166,100	241,800	1,070	.111	.046	.163	.096	.129	.456	
1956	Oct.	186,500	317,100	1,250	.108	.043	.163	.086	.133	.468	
1956	Nov.	300,200	465,700	1,140	.122	.042	.155	.099	.115	.467	
1956	Dec.	246,900	381,800	1,140	.116	.043	.159	.096	.124	.462	
1957	Jan.	284,500	417,200	1,080	.121	.043	.157	.102	.120	.458	
1957	Feb.	323,400	437,500	995	.128	.043	.153	.111	.113	.452	
1957	Mar.	498,500	612,700	904	.139	.043	.148	.125	.103	.443	
1957	Apr.	827,600	737,100	655	.158	.043	.137	.166	.090	.406	
1957	May	2,569,000	1,400,000	401	.194	.041	.112	.254	.064	.335	
1957	June	5,645,000	2,119,000	276	.214	.037	.092	.333	.047	.276	
1957	July	4,015,000	1,717,000	315	.204	.039	.101	.300	.055	.301	
1957	Aug.	1,604,000	1,275,000	584	.177	.040	.125	.190	.073	.396	
1957	Sept.	822,400	943,500	844	.161	.039	.135	.142	.082	.440	
1957	Oct.	748,000	1,097,000	1,080	.153	.037	.135	.114	.080	.480	
1957	Nov.	847,900	1,118,000	970	.159	.038	.134	.126	.079	.465	
1957	Dec.	516,500	653,400	930	.138	.041	.148	.123	.104	.446	
1958	Jan.	397,000	521,500	966	.130	.042	.153	.115	.115	.445	

1958	Feb.	535,900	642,300	881	.144	.041	.145	.130	.100	.441
1958	Mar.	696,100	771,300	815	.150	.041	.142	.140	.096	.431
1958	Apr.	1,574,000	1,045,000	488	.178	.039	.123	.216	.075	.367
1958	May	3,992,000	1,780,000	328	.206	.039	.100	.299	.054	.303
1958	June	3,678,000	1,444,000	289	.203	.040	.098	.322	.055	.281
1958	July	628,100	466,700	546	.146	.046	.143	.183	.112	.370
1958	Aug.	286,200	411,900	1,060	.120	.042	.158	.103	.127	.450
1958	Sept.	319,400	534,000	1,230	.123	.039	.154	.093	.113	.477
1958	Oct.	310,500	487,600	1,150	.122	.037	.158	.096	.117	.470
1958	Nov.	357,200	574,100	1,180	.127	.036	.154	.097	.107	.479
1958	Dec.	366,200	553,600	1,110	.128	.037	.155	.101	.110	.469
1959	Jan.	314,600	474,300	1,110	.123	.037	.157	.099	.118	.464
1959	Feb.	315,300	435,100	1,010	.127	.038	.156	.108	.118	.453
1959	Mar.	343,900	473,200	1,010	.126	.038	.156	.108	.119	.452
1959	Apr.	419,700	482,800	846	.135	.040	.152	.127	.115	.432
1959	May	1,025,000	703,500	505	.163	.041	.132	.200	.093	.371
1959	June	1,836,000	846,900	339	.182	.041	.114	.276	.079	.308
1959	July	782,200	491,400	462	.154	.043	.136	.207	.110	.349
1959	Aug.	425,000	588,000	1,020	.134	.037	.151	.110	.106	.462
1959	Sept.	245,900	398,100	1,190	.117	.037	.161	.091	.125	.469
1959	Oct.	502,100	684,900	1,000	.137	.038	.154	.130	.103	.437
1959	Nov.	499,400	596,600	878	.140	.039	.151	.135	.104	.430
1959	Dec.	351,800	468,900	980	.128	.041	.157	.111	.120	.443
1960	Jan.	305,000	436,200	1,050	.124	.041	.159	.104	.125	.448
1960	Feb.	318,500	428,800	990	.127	.041	.158	.109	.121	.444
1960	Mar.	745,000	898,800	887	.150	.037	.146	.161	.088	.419
1960	Apr.	1,610,000	996,800	455	.177	.036	.124	.233	.068	.362
1960	May	1,564,000	781,400	367	.180	.038	.121	.237	.072	.353
1960	June	2,239,000	945,200	310	.190	.036	.111	.276	.060	.328
1960	July	646,700	427,600	486	.154	.042	.139	.162	.105	.398
1960	Aug.	207,900	275,700	975	.115	.043	.160	.088	.146	.447
1960	Sept.	193,100	346,100	1,320	.110	.041	.166	.082	.141	.461
1960	Oct.	340,700	560,700	1,210	.128	.036	.161	.110	.115	.450
1960	Nov.	345,400	507,700	1,080	.130	.038	.158	.113	.116	.445
1960	Dec.	274,700	396,500	1,060	.125	.040	.158	.103	.127	.447
1961	Jan.	265,700	415,300	1,150	.123	.039	.160	.099	.128	.451
1961	Feb.	330,700	466,400	1,040	.133	.039	.156	.117	.115	.441
1961	Mar.	361,900	500,100	1,020	.132	.039	.157	.115	.116	.442
1961	Apr.	567,100	580,700	753	.148	.040	.147	.146	.100	.419
1961	May	1,153,000	704,300	449	.170	.042	.129	.205	.080	.373
1961	June	1,588,000	764,200	354	.181	.043	.119	.241	.070	.347
1961	July	368,800	387,100	772	.135	.043	.150	.122	.120	.430
1961	Aug.	336,600	541,100	1,180	.128	.037	.160	.110	.116	.449
1961	Sept.	710,700	1,040,000	1,080	.149	.033	.153	.155	.086	.424
1961	Oct.	725,000	747,700	758	.147	.044	.146	.148	.102	.413
1961	Nov.	526,900	573,000	800	.144	.043	.149	.143	.106	.416
1961	Dec.	380,100	472,800	915	.135	.042	.154	.127	.115	.426
1962	Jan.	348,700	442,100	932	.134	.042	.155	.126	.116	.427
1962	Feb.	790,800	831,300	773	.148	.044	.145	.150	.101	.412
1962	Mar.	598,100	690,200	849	.140	.043	.150	.135	.109	.422
1962	Apr.	2,391,000	1,762,000	542	.170	.044	.128	.202	.079	.377
1962	May	3,633,000	1,787,000	362	.189	.042	.111	.264	.059	.334
1962	June	2,876,000	1,584,000	405	.185	.043	.116	.249	.064	.344
1962	July	1,717,000	1,067,000	457	.175	.043	.124	.221	.073	.364

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 69. 09380000 Colorado River at Lees Ferry, Ariz., water years 1926 through 1983--Continued										
1962	Aug.	469,100	459,200	720	0.144	0.043	0.149	0.144	0.105	0.415
1962	Sept.	315,000	483,400	1,130	.122	.042	.161	.103	.131	.441
1962	Oct.	539,400	779,500	1,060	.126	.045	.156	.116	.127	.429
1962	Nov.	428,100	539,800	927	.132	.045	.154	.125	.118	.426
1962	Dec.	332,600	449,200	993	.127	.044	.157	.118	.124	.430
1963	Jan.	168,900	259,400	1,130	.119	.043	.161	.102	.135	.440
1963	Feb.	368,900	489,500	976	.129	.045	.156	.119	.123	.429
1963	Mar.	187,800	254,000	995	.125	.044	.158	.112	.126	.435
1963	Apr.	60,500	85,600	1,040	.115	.040	.164	.095	.138	.448
1963	May	62,120	79,440	940	.119	.041	.163	.101	.132	.445
1963	June	140,400	155,100	812	.130	.043	.157	.121	.118	.432
1963	July	89,630	85,990	705	.134	.042	.155	.127	.112	.430
1963	Aug.	61,810	58,250	693	.131	.041	.157	.122	.114	.434
1963	Sept.	59,880	52,780	648	.134	.041	.156	.127	.110	.431
1963	Oct.	61,490	53,140	636	.134	.043	.155	.131	.111	.427
1963	Nov.	59,530	55,290	683	.132	.042	.157	.126	.115	.429
1963	Dec.	62,720	79,790	935	.122	.041	.164	.105	.130	.438
1964	Jan.	70,910	90,040	934	.123	.041	.163	.106	.129	.439
1964	Feb.	230,600	306,600	978	.124	.040	.158	.104	.126	.448
1964	Mar.	388,300	488,100	924	.126	.040	.154	.109	.121	.450
1964	Apr.	770,600	950,900	907	.128	.040	.151	.111	.118	.453
1964	May	318,900	389,400	898	.128	.040	.152	.111	.119	.450
1964	June	59,590	74,530	920	.123	.041	.163	.106	.129	.438
1964	July	60,080	75,010	918	.123	.041	.164	.106	.129	.437
1964	Aug.	174,400	212,800	897	.126	.041	.157	.110	.122	.445
1964	Sept.	156,500	100,800	474	.144	.043	.143	.155	.095	.420
1964	Oct.	268,500	166,400	456	.144	.046	.139	.160	.087	.424
1964	Nov.	347,500	285,000	603	.137	.043	.144	.134	.099	.442
1964	Dec.	397,600	384,500	711	.134	.042	.147	.122	.105	.451
1965	Jan.	558,200	531,100	700	.134	.041	.146	.123	.104	.452
1965	Feb.	514,600	504,400	721	.134	.041	.146	.121	.105	.453
1965	Mar.	556,200	539,800	714	.134	.041	.146	.122	.104	.453
1965	Apr.	1,222,000	1,215,000	731	.135	.040	.143	.121	.103	.458
1965	May	2,284,000	2,125,000	684	.137	.040	.140	.127	.098	.457
1965	June	2,323,000	1,938,000	613	.140	.041	.138	.136	.094	.452
1965	July	727,200	336,100	340	.152	.046	.128	.191	.074	.409
1965	Aug.	870,800	336,200	284	.156	.047	.123	.213	.066	.395
1965	Sept.	750,400	297,300	291	.155	.047	.124	.209	.068	.397
1965	Oct.	659,200	277,700	310	.154	.047	.125	.202	.069	.403
1965	Nov.	589,300	271,900	339	.151	.047	.128	.191	.073	.409

1965	Dec.	531,100	320,500	444	.144	.045	.137	.162	.084	.427
1966	Jan.	451,100	325,000	530	.139	.044	.142	.145	.093	.438
1966	Feb.	483,200	360,800	549	.139	.044	.142	.142	.094	.440
1966	Mar.	621,700	464,800	550	.139	.043	.142	.142	.094	.440
1966	Apr.	825,300	626,800	558	.140	.043	.141	.142	.093	.441
1966	May	977,700	695,700	523	.142	.043	.138	.149	.090	.438
1966	June	754,000	505,300	493	.143	.044	.138	.153	.088	.434
1966	July	657,500	429,400	480	.143	.044	.138	.155	.087	.432
1966	Aug.	681,900	432,000	466	.144	.045	.137	.158	.086	.430
1966	Sept.	622,400	397,600	470	.144	.045	.137	.157	.086	.431
1966	Oct.	551,800	352,700	470	.140	.046	.140	.156	.085	.433
1966	Nov.	583,600	381,300	481	.139	.046	.140	.154	.086	.434
1966	Dec.	528,600	362,700	505	.138	.046	.141	.150	.088	.437
1967	Jan.	614,300	464,500	556	.135	.045	.143	.142	.092	.442
1967	Feb.	534,400	427,500	588	.134	.045	.145	.138	.095	.444
1967	Mar.	690,100	605,400	645	.132	.045	.146	.131	.098	.448
1967	Apr.	787,800	706,700	744	.128	.044	.149	.121	.105	.454
1967	May	878,600	806,200	675	.131	.044	.147	.128	.100	.450
1967	June	698,300	625,700	659	.131	.044	.147	.129	.099	.449
1967	July	641,100	519,500	596	.134	.045	.145	.137	.095	.445
1967	Aug.	692,500	492,500	523	.137	.046	.142	.148	.089	.438
1967	Sept.	595,400	432,900	534	.137	.046	.142	.146	.090	.440
1967	Oct.	414,800	303,700	538	.134	.045	.145	.143	.093	.441
1967	Nov.	459,700	352,500	564	.133	.046	.145	.140	.094	.442
1967	Dec.	552,200	451,900	602	.132	.046	.145	.136	.096	.445
1968	Jan.	633,200	596,700	693	.130	.046	.146	.128	.100	.452
1968	Feb.	464,000	454,500	720	.129	.046	.146	.124	.101	.454
1968	Mar.	857,600	868,500	745	.130	.046	.145	.124	.102	.454
1968	Apr.	967,900	1,015,000	771	.129	.046	.145	.123	.102	.455
1968	May	942,800	962,900	751	.130	.046	.145	.124	.102	.454
1968	June	894,600	900,300	740	.130	.046	.145	.125	.101	.453
1968	July	827,200	676,800	602	.133	.046	.144	.138	.095	.444
1968	Aug.	685,200	475,200	510	.135	.046	.144	.149	.090	.436
1968	Sept.	634,900	445,400	516	.135	.046	.144	.148	.091	.437
1968	Oct.	625,100	423,100	498	.134	.046	.146	.153	.090	.431
1968	Nov.	633,900	433,100	502	.134	.046	.146	.152	.091	.431
1968	Dec.	637,500	488,400	563	.132	.046	.146	.143	.094	.438
1969	Jan.	569,600	511,600	660	.130	.046	.146	.132	.099	.447
1969	Feb.	460,800	428,800	684	.129	.046	.147	.129	.100	.448
1969	Mar.	708,400	679,300	705	.129	.047	.146	.128	.101	.450
1969	Apr.	870,500	853,300	721	.128	.047	.145	.126	.102	.452
1969	May	763,200	726,300	700	.129	.047	.146	.128	.101	.450
1969	June	875,300	784,600	659	.130	.047	.145	.133	.099	.447
1969	July	955,700	796,600	613	.131	.047	.145	.138	.097	.443
1969	Aug.	929,700	670,200	530	.133	.046	.145	.149	.092	.435
1969	Sept.	793,900	536,300	497	.134	.046	.145	.153	.090	.431
1969	Oct.	629,800	454,800	531	.133	.046	.146	.148	.092	.435
1969	Nov.	706,400	516,200	537	.133	.046	.146	.147	.092	.436
1969	Dec.	814,500	594,100	536	.133	.046	.146	.147	.093	.436
1970	Jan.	706,300	570,300	594	.131	.046	.146	.140	.096	.440
1970	Feb.	445,000	380,000	628	.131	.046	.146	.136	.097	.443
1970	Mar.	486,200	446,100	675	.130	.047	.146	.132	.100	.446
1970	Apr.	942,200	855,000	667	.129	.047	.145	.132	.101	.445
1970	May	899,500	800,900	655	.129	.047	.145	.134	.100	.445

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 69. 09380000 Colorado River at Lees Ferry, Ariz., water years 1926 through 1983--Continued										
1970	June	800,000	652,400	600	0.131	0.047	0.146	0.139	0.097	0.441
1970	July	768,600	615,000	588	.131	.046	.146	.141	.096	.440
1970	Aug.	772,900	599,600	571	.132	.046	.146	.143	.095	.439
1970	Sept.	701,000	523,800	549	.132	.046	.146	.145	.093	.437
1970	Oct.	498,100	368,700	544	.133	.046	.145	.146	.094	.436
1970	Nov.	448,900	345,600	566	.132	.046	.146	.144	.096	.437
1970	Dec.	670,500	526,000	577	.131	.046	.147	.142	.097	.438
1971	Jan.	491,500	359,100	537	.133	.046	.145	.147	.093	.436
1971	Feb.	416,100	340,900	602	.131	.046	.148	.139	.099	.437
1971	Mar.	640,400	555,400	638	.130	.046	.149	.135	.102	.438
1971	Apr.	1,011,000	869,100	632	.129	.046	.149	.135	.102	.439
1971	May	925,700	770,200	612	.130	.046	.148	.137	.100	.439
1971	June	894,300	681,600	560	.131	.046	.146	.143	.096	.438
1971	July	942,600	712,300	556	.131	.046	.146	.144	.095	.438
1971	Aug.	876,200	637,800	535	.132	.046	.145	.146	.093	.437
1971	Sept.	775,900	514,200	487	.134	.046	.143	.153	.089	.436
1971	Oct.	584,300	404,500	509	.133	.046	.143	.149	.090	.440
1971	Nov.	763,900	526,800	507	.132	.046	.143	.149	.090	.440
1971	Dec.	936,900	647,100	508	.132	.046	.143	.149	.090	.440
1972	Jan.	805,800	577,100	527	.132	.046	.144	.147	.091	.440
1972	Feb.	444,500	321,000	531	.133	.045	.144	.147	.091	.440
1972	Mar.	377,500	306,000	596	.133	.045	.147	.140	.095	.440
1972	Apr.	782,400	654,500	615	.132	.045	.150	.138	.096	.439
1972	May	901,900	712,500	581	.132	.045	.148	.141	.095	.440
1972	June	862,700	653,100	557	.132	.045	.147	.143	.093	.440
1972	July	914,700	664,700	534	.132	.046	.145	.146	.092	.440
1972	Aug.	1,005,000	733,200	536	.132	.046	.145	.145	.092	.440
1972	Sept.	930,900	647,300	511	.132	.046	.144	.148	.091	.440
1972	Oct.	631,200	441,600	514	.135	.046	.143	.150	.089	.438
1972	Nov.	671,200	479,700	526	.134	.046	.143	.149	.090	.438
1972	Dec.	1,017,000	771,400	558	.133	.046	.145	.145	.092	.438
1973	Jan.	1,207,000	855,000	521	.134	.046	.143	.149	.090	.437
1973	Feb.	763,900	550,200	530	.134	.046	.144	.148	.090	.438
1973	Mar.	1,095,000	872,800	586	.131	.046	.147	.143	.094	.439
1973	Apr.	1,678,000	1,380,000	605	.131	.046	.148	.141	.095	.439
1973	May	647,900	532,300	604	.131	.046	.147	.141	.094	.441
1973	June	750,700	596,300	584	.132	.046	.146	.143	.093	.440
1973	July	656,200	526,400	590	.132	.046	.147	.143	.093	.440
1973	Aug.	566,600	429,200	557	.133	.046	.145	.146	.091	.439
1973	Sept.	424,300	322,000	558	.133	.046	.145	.146	.091	.440

1973	Oct.	509,900	372,300	537	.134	.047	.145	.150	.089	.435
1973	Nov.	412,400	301,400	537	.134	.047	.145	.150	.089	.435
1973	Dec.	333,100	223,400	493	.136	.047	.145	.155	.086	.431
1974	Jan.	846,000	568,400	494	.135	.048	.145	.155	.088	.429
1974	Feb.	299,200	198,100	487	.136	.047	.145	.156	.086	.431
1974	Mar.	388,500	298,600	565	.133	.046	.146	.146	.091	.438
1974	Apr.	494,500	396,600	590	.132	.046	.146	.144	.092	.439
1974	May	803,500	622,500	570	.132	.047	.146	.146	.092	.437
1974	June	913,700	673,200	542	.133	.047	.145	.149	.091	.434
1974	July	1,226,000	886,400	531	.134	.047	.145	.150	.091	.432
1974	Aug.	1,213,000	864,900	524	.134	.048	.145	.151	.090	.432
1974	Sept.	826,300	577,000	513	.135	.047	.145	.153	.089	.431
1974	Oct.	602,400	413,400	505	.135	.047	.147	.155	.091	.425
1974	Nov.	710,200	482,500	500	.135	.047	.146	.156	.091	.424
1974	Dec.	564,100	374,400	488	.136	.047	.147	.157	.090	.423
1975	Jan.	768,200	526,200	504	.135	.048	.146	.155	.092	.424
1975	Feb.	555,700	391,800	518	.134	.047	.147	.153	.092	.426
1975	Mar.	507,600	381,900	553	.133	.047	.147	.149	.094	.430
1975	Apr.	458,900	350,800	562	.132	.047	.147	.148	.094	.431
1975	May	892,100	693,900	572	.132	.047	.147	.147	.097	.431
1975	June	987,300	732,500	546	.133	.048	.146	.150	.095	.428
1975	July	1,221,000	890,200	536	.133	.048	.146	.151	.095	.427
1975	Aug.	1,022,000	722,400	520	.134	.048	.146	.153	.093	.426
1975	Sept.	966,300	688,700	524	.134	.048	.146	.152	.094	.426
1975	Oct.	636,900	442,400	511	.134	.047	.147	.154	.094	.425
1975	Nov.	425,000	303,000	524	.133	.047	.148	.152	.095	.424
1975	Dec.	520,200	362,700	513	.134	.047	.147	.154	.094	.425
1976	Jan.	691,900	478,800	509	.134	.047	.146	.154	.094	.425
1976	Feb.	742,100	556,300	551	.132	.047	.149	.148	.099	.425
1976	Mar.	676,000	535,800	583	.131	.048	.151	.145	.102	.424
1976	Apr.	660,200	523,500	563	.131	.048	.149	.146	.101	.425
1976	May	1,046,000	801,000	563	.131	.048	.149	.146	.101	.425
1976	June	756,200	561,900	546	.132	.047	.148	.149	.098	.425
1976	July	765,900	554,600	533	.133	.047	.148	.151	.097	.425
1976	Aug.	720,000	511,600	522	.133	.047	.147	.152	.095	.425
1976	Sept.	841,700	596,500	521	.133	.047	.147	.152	.096	.426
1976	Oct.	791,800	549,800	511	.133	.047	.146	.153	.096	.426
1976	Nov.	897,500	624,800	512	.132	.047	.146	.152	.096	.427
1976	Dec.	810,300	568,200	516	.133	.047	.146	.151	.096	.427
1977	Jan.	994,100	709,300	525	.132	.047	.147	.149	.097	.428
1977	Feb.	471,000	358,100	559	.132	.047	.149	.145	.099	.428
1977	Mar.	458,400	367,100	589	.132	.047	.150	.140	.101	.429
1977	Apr.	163,700	130,100	584	.133	.046	.152	.143	.101	.425
1977	May	205,600	165,300	591	.133	.046	.152	.142	.101	.426
1977	June	465,800	361,300	570	.132	.047	.149	.143	.100	.428
1977	July	847,400	648,000	562	.132	.047	.148	.144	.100	.430
1977	Aug.	1,178,000	934,300	583	.131	.047	.149	.140	.101	.432
1977	Sept.	977,000	743,200	559	.132	.047	.148	.144	.099	.430
1977	Oct.	379,100	284,400	552	.129	.046	.146	.139	.095	.444
1977	Nov.	390,000	292,600	552	.129	.046	.146	.140	.096	.444
1977	Dec.	823,400	629,500	562	.130	.047	.147	.139	.097	.441
1978	Jan.	947,600	737,800	572	.130	.047	.148	.138	.098	.440
1978	Feb.	601,400	466,300	570	.129	.047	.147	.138	.097	.442
1978	Mar.	579,200	462,600	587	.129	.046	.149	.135	.098	.442

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents					
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄
Site 69. 09380000 Colorado River at Lees Ferry, Ariz., water years 1926 through 1983--Continued										
1978	Apr.	492,300	409,200	611	.128	0.046	0.150	0.132	0.100	0.443
1978	May	647,500	551,800	627	.129	.046	.152	.130	.101	.442
1978	June	758,100	639,500	620	.129	.047	.151	.131	.101	.441
1978	July	701,700	584,000	612	.129	.047	.151	.132	.100	.442
1978	Aug.	1,065,000	888,700	614	.129	.047	.151	.133	.101	.440
1978	Sept.	968,500	800,200	608	.129	.047	.150	.133	.100	.440
1978	Oct.	684,500	552,900	594	.128	.046	.150	.133	.099	.445
1978	Nov.	671,200	525,400	576	.128	.046	.150	.134	.097	.445
1978	Dec.	889,000	669,600	554	.128	.046	.149	.137	.095	.444
1979	Jan.	1,018,000	742,400	536	.128	.046	.149	.139	.094	.444
1979	Feb.	746,300	557,800	550	.128	.046	.149	.137	.095	.445
1979	Mar.	204,400	163,600	589	.127	.046	.149	.131	.096	.450
1979	Apr.	341,400	299,500	645	.127	.046	.150	.127	.102	.447
1979	May	517,400	439,100	624	.127	.046	.150	.130	.101	.446
1979	June	614,300	501,300	600	.128	.046	.150	.132	.099	.445
1979	July	859,600	687,500	588	.128	.046	.150	.134	.099	.444
1979	Aug.	1,064,000	816,700	565	.128	.046	.150	.136	.097	.443
1979	Sept.	686,400	536,300	575	.128	.046	.150	.134	.097	.445
1979	Oct.	617,800	476,000	567	.126	.046	.151	.135	.097	.446
1979	Nov.	801,900	609,300	559	.126	.046	.151	.136	.097	.444
1979	Dec.	637,300	457,100	527	.128	.047	.151	.140	.093	.441
1980	Jan.	604,100	436,300	531	.128	.047	.151	.140	.093	.442
1980	Feb.	615,300	454,200	543	.127	.047	.151	.138	.094	.443
1980	Mar.	605,700	488,800	593	.124	.046	.150	.131	.099	.449
1980	Apr.	863,100	695,800	593	.124	.045	.151	.131	.101	.448
1980	May	845,400	664,900	578	.125	.046	.151	.133	.099	.446
1980	June	1,472,000	1,039,000	519	.127	.047	.152	.142	.095	.437
1980	July	1,585,000	1,082,000	502	.128	.047	.153	.145	.093	.435
1980	Aug.	1,279,000	869,900	500	.128	.047	.152	.145	.092	.435
1980	Sept.	981,200	675,100	506	.128	.047	.152	.144	.092	.437
1980	Oct.	777,000	529,500	501	.129	.047	.151	.146	.090	.436
1980	Nov.	935,900	622,400	489	.129	.048	.152	.148	.090	.433
1980	Dec.	765,300	497,000	478	.130	.048	.151	.149	.086	.436
1981	Jan.	745,500	500,300	493	.129	.048	.151	.147	.089	.437
1981	Feb.	640,300	450,100	517	.128	.047	.151	.144	.092	.438
1981	Mar.	462,600	347,400	552	.127	.046	.148	.139	.094	.447
1981	Apr.	472,600	355,400	553	.127	.046	.148	.139	.094	.446
1981	May	552,900	420,400	559	.126	.046	.149	.139	.096	.444
1981	June	527,000	401,700	561	.126	.046	.148	.139	.096	.445
1981	July	845,600	624,900	543	.126	.047	.151	.142	.098	.436

1981 Aug.	903,300	653,700	532	.127	.047	.152	.143	.096	.435
1981 Sept.	667,100	464,600	512	.128	.047	.150	.144	.091	.439
1981 Oct.	608,700	413,500	500	.127	.048	.151	.148	.090	.436
1981 Nov.	584,700	412,700	519	.127	.047	.150	.145	.092	.438
1981 Dec.	837,900	602,600	529	.127	.047	.150	.146	.096	.434
1982 Jan.	892,200	659,500	544	.127	.047	.150	.144	.098	.434
1982 Feb.	677,100	514,500	559	.127	.046	.149	.143	.099	.436
1982 Mar.	508,700	377,000	545	.126	.046	.149	.142	.096	.441
1982 Apr.	613,700	484,700	581	.127	.045	.148	.139	.101	.441
1982 May	616,200	470,100	561	.127	.046	.148	.141	.098	.440
1982 June	634,200	498,000	578	.127	.045	.148	.140	.101	.440
1982 July	796,800	602,500	556	.127	.046	.149	.143	.099	.436
1982 Aug.	917,000	688,300	552	.127	.046	.149	.144	.099	.434
1982 Sept.	617,300	432,300	515	.127	.048	.150	.146	.092	.437
1982 Oct.	792,300	573,600	532	.129	.048	.149	.149	.096	.430
1982 Nov.	974,900	702,300	530	.129	.048	.148	.150	.096	.429
1982 Dec.	976,300	665,400	501	.130	.049	.147	.154	.092	.427
1983 Jan.	913,600	612,100	493	.131	.049	.147	.156	.091	.427
1983 Feb.	860,500	609,100	520	.130	.048	.148	.151	.095	.428
1983 Mar.	660,500	490,400	546	.128	.047	.149	.146	.097	.432
1983 Apr.	951,300	676,700	523	.130	.048	.148	.151	.096	.428
1983 May	1,259,000	870,800	509	.130	.048	.147	.153	.094	.426
1983 June	3,314,000	2,251,000	499	.131	.048	.146	.157	.097	.420
1983 July	3,370,000	2,260,000	493	.132	.049	.146	.158	.095	.420
1983 Aug.	1,833,000	1,270,000	510	.131	.048	.147	.154	.096	.424
1983 Sept.	1,585,000	1,111,000	516	.130	.048	.147	.153	.096	.425

Site 70. 09382000 Paria River at Lees Ferry, Ariz., water years 1948 through 1950.

1947 Oct.	2,678	6,910	1,900	.111	.040	.140	.068	.014	.626
1947 Nov.	1,131	1,471	957	.127	.056	.116	.103	.022	.575
1947 Dec.	2,259	3,908	1,270	.121	.049	.126	.088	.018	.598
1948 Jan.	1,411	2,002	1,040	.125	.054	.119	.098	.021	.582
1948 Feb.	3,237	6,922	1,570	.116	.045	.133	.077	.016	.613
1948 Mar.	1,513	2,136	1,040	.125	.054	.119	.099	.021	.582
1948 Apr.	1,031	1,377	982	.126	.055	.117	.101	.022	.578
1948 May	338	332	724	.132	.063	.108	.119	.026	.553
1948 June	751	1,272	1,250	.120	.049	.127	.087	.018	.599
1948 July	440	461	770	.131	.061	.110	.115	.025	.558
1948 Aug.	3,935	12,660	2,370	.106	.036	.148	.060	.012	.638
1948 Sept.	387	419	795	.130	.060	.111	.113	.024	.562
1948 Oct.	871	1,370	1,160	.121	.050	.125	.090	.019	.594
1948 Nov.	1,214	1,651	1,000	.126	.055	.118	.101	.021	.579
1948 Dec.	1,113	1,454	961	.127	.056	.116	.103	.022	.576
1949 Jan.	912	1,119	903	.128	.058	.114	.106	.023	.571
1949 Feb.	2,099	3,950	1,380	.119	.047	.129	.083	.017	.604
1949 Mar.	3,320	5,992	1,330	.120	.049	.127	.086	.018	.600
1949 Apr.	2,116	3,386	1,180	.123	.051	.123	.092	.019	.591
1949 May	460	481	770	.131	.061	.110	.115	.025	.558
1949 June	3,309	7,321	1,630	.115	.044	.134	.076	.016	.615
1949 July	418	490	861	.128	.058	.114	.108	.023	.569
1949 Aug.	1,416	2,946	1,530	.116	.045	.133	.078	.016	.612
1949 Sept.	2,338	6,455	2,030	.109	.039	.143	.065	.013	.630

Table 7.--Estimates of monthly dissolved-solids loads and concentrations and major dissolved constituents at selected streamflow-gaging stations in the Upper Colorado River Basin--
Continued

Year	Month	Streamflow (acre-ft)	Dissolved solids		Mass fraction of major dissolved constituents						
			Load (tons)	Concen- tration (mg/L)	Ca	Mg	NaK	HCO ₃	Cl	SO ₄	
Site 70. 09382000 Paria River at Lees Ferry, Ariz., water years 1948 through 1950--Continued											
1949	Oct.	1,155	1,559	992	0.126	0.055	0.118	0.101	0.021	0.579	
1949	Nov.	970	1,200	910	.128	.058	.114	.106	.023	.571	
1949	Dec.	1,211	1,643	998	.126	.055	.118	.101	.021	.579	
1950	Jan.	1,775	2,691	1,110	.124	.053	.121	.095	.020	.587	
1950	Feb.	2,110	3,466	1,210	.122	.051	.124	.091	.019	.593	
1950	Mar.	1,174	1,539	964	.127	.056	.116	.103	.022	.576	
1950	Apr.	366	353	709	.132	.064	.107	.121	.026	.550	
1950	May	250	207	609	.135	.068	.102	.131	.028	.536	
1950	June	224	181	595	.135	.069	.101	.133	.029	.534	
1950	July	2,622	6,100	1,710	.114	.043	.137	.073	.015	.619	
1950	Aug.	691	961	1,020	.125	.054	.120	.098	.021	.583	
1950	Sept.	945	1,606	1,250	.120	.049	.127	.087	.018	.599	