

CENTRAL UTAH
WATER CONSERVANCY DISTRICT



CENTRAL UTAH PROJECT COMPLETION PROGRAM

DIAMOND FORK SYSTEM
BONNEVILLE UNIT
FINAL SUPPLEMENT TO THE
FINAL ENVIRONMENTAL IMPACT STATEMENT

HYDROLOGY AND WATER RESOURCES
TECHNICAL MEMORANDUM

Volume I

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UTAH RECLAMATION
MITIGATION
AND CONSERVATION
COMMISSION



DIAMOND FORK SYSTEM
FINAL SUPPLEMENT TO THE
FINAL ENVIRONMENTAL IMPACT STATEMENT

**Hydrology and Water Resources
Technical Memorandum
Volume I**



Prepared by:

Central Utah Water Conservancy District
355 West University Parkway
Orem, UT 84058
Telephone: (801) 226-7100
Facsimile: (801) 226-7150

INTRODUCTION



TECHNICAL MEMORANDUM



DATE: April 1999

SUBJECT: 1999 Diamond Fork System FS-FEIS
Hydrology and Water Resources Technical Memorandum

This Hydrology and Water Resources Technical Memorandum presents data and results from the operational analysis and modeling of the Diamond Fork System, Strawberry Reservoir, and Utah Lake. This information can be used in the evaluation of potential impacts on surface water, groundwater, water quality, threatened and endangered species, and other resources. The data and results presented here supercede the information presented in the Hydrology and Water Resources Technical Report (CUWCD, 1998b). The data presented for the Proposed Action and No Action Alternative represent interim operation conditions that are described in more detail in Chapter 1 of the 1999 FS-FEIS. The information in this memorandum is in the following order.

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Baseline, Proposed Action, and No Action Alternative Flows

The first three sections of this memorandum report monthly flows, for a 44-year period of record, at 10 locations on Sixth Water Creek, Diamond Fork Creek, and the Spanish Fork River. Results are reported for Baseline conditions,

the Proposed Action, and the No Action Alternative. Baseline results represent historically-based flows, with the exception of the reach of Sixth Water Creek above Sixth Water Aqueduct, where flows are representative of conditions occurring since 1996.

Strawberry Reservoir and Utah Lake Storage Volumes

The fourth section of this memorandum presents Proposed Action Strawberry Reservoir storage volumes for a 44-year period of record. Reservoir inflows, releases, evaporation and spills are taken into account. The Proposed Action operation of Strawberry Reservoir is not compared to any other operational scenarios as none have appeared in a previous NEPA document.

The fifth section of this memorandum presents information on Utah Lake storage volumes for a 44-year period of record. Both Baseline conditions and the Proposed Action are presented. Baseline conditions were taken from the Draft Utah Lake Hydrology Technical Report (CUWCD, 1998f). The following definition of baseline is also taken from the report (CUWCD, 1998f):

"Because of changes in tributary water developments and operations of Utah Lake, historical operations do not represent baseline conditions (future conditions without the Bonneville Unit) for identifying impacts associated with the operation of the Bonneville unit. To isolate the effects of the overall Bonneville Unit operation on Utah Lake, a Utah Lake Water Supply Model (ULWSM) was developed to simulate comparable baseline conditions and project lake conditions for the 1930 to 1973 period. This period of study represents a broad range of historical runoff conditions and is consistent with the study period used for other Bonneville Unit water supply studies. A more detailed description of the model is provided in Appendix B, Utah Lake Water Supply Model (ULWSM) Description.

Baseline conditions were developed by modifying historical inflow and Utah Lake operations to reflect the following:

- The future operations and level of depletion by the Provo River Project and water developments other than the Bonneville Unit such as existing agricultural and municipal surface and ground water diversions.
- The 1985 compromise elevation of 4,489.045 feet and associated maximum release flow rate.
- The Utah State Engineer's Plan "Interim Water Distribution Plan for the Utah Lake Drainage Basin" (Distribution Plan), including maximum drawdown to 8.7 feet below compromise level, redefined diversion requirements for Utah lake releases to the Jordan River, and specified water conservation levels for primary and secondary water rights.

Under baseline conditions it is assumed that Utah Lake water rights will continue to be used in accordance with historical patterns. However, over time the use of the water will likely convert from agricultural to municipal and industrial.

Because of increased population, baseline conditions also include the assumption that M&I return flows would be greater than those that have occurred historically. It is assumed that 45,500 acre-feet of additional M&I return flow would occur in Salt Lake County (based on a 65 percent return flow factor times 70,000 acre-feet of future M&I water delivery). About 13,000 acre-feet of this return flow would flow directly to the Great Salt Lake and about 32,500 acre-feet would flow into the Jordan River upstream from 21st South.

... Under baseline conditions, releases from Utah Lake will be discontinued when the water surface elevation drops to 8.7 feet below the compromise elevation. However, evaporation could cause the water surface elevation to decline below that level. Historically, the lake was drawn down to about 12 feet below the compromise elevation in 1935. Additionally, under baseline conditions, the lake elevation would not rise as high during high runoff periods. The maximum lake level would be about 2.2 feet above the compromise

elevation under baseline conditions as compared to about 3.5 feet above the compromise elevation under historical conditions. The duration of flooding would also be reduced under the baseline conditions to a period of about 5 months as opposed to over a year under historical conditions. Other than these extreme events, there are only minor differences in the operation of Utah Lake under baseline and historical conditions.”

HEC-RAS Model Results

The sixth section of this memorandum presents HEC-RAS model results for Diamond Fork Creek. Assumptions made and data used in the modeling are detailed in the following paragraphs.

Cross Section Data

Cross sections used in the modeling effort were a composite of surveyed sections (1998) and topographic contour maps (1984). Surveyed data was used where it was available. The surveyed data was extended using the contour maps if necessary to prevent water surface elevations from exceeding the cross section endpoint elevations.

Five bridges are located in the study reach. Four of these are near Highway 6 (Old Highway 6, New Highway 6, Denver Rio Grande and Western Utah Railroad, and a private road upstream of Highway 6). The fifth structure is referred to as the Redford bridge and is located in the upper portion of the HEC-RAS study area. Bridge dimensions were not surveyed, and none of the structures are expected to have a significant impact on water surface elevations during normal or low flows, the focus of this study. Therefore, none of the bridges have been modeled in the HEC-RAS simulation.

Roughness Coefficients

A typical channel n value of 0.045 was adopted for the HEC-RAS study area. This n value was adjusted at specific locations if warranted by field information or other evidence. Floodplain n values typically ranged from 0.08 to 0.10. Because normal and low flows were modeled, floodplain n value is not a critical parameter for this modeling effort.

Discharges

Discharges were selected to represent the range of Diamond Fork Creek monthly flows expected in average and dry years under Baseline, Proposed Action and No Action Alternative Conditions. Typical discharges were selected to cover the range of flows expected for each project alternative and hydrologic conditions. Eleven modeled flows were selected over the range of 20 to 300 cfs.

All of the significant tributaries to Diamond Fork Creek in the HEC-RAS study reach occur in the upper half of the study area. Therefore, the “Above Spanish Fork River” discharges were adopted for the portion of the study reach downstream of the last major tributary (Brimhall Canyon), and the “Below Red Hollow” discharges were adopted for the portion of the study area upstream of Brimhall Canyon. In terms of the HEC-RAS model, “Above Spanish Fork River” discharges apply to cross sections 3 to 30, and “Below Red Hollow” discharges apply to cross sections 31 to 46.

Other HEC-RAS Input Assumptions

Expansion/contraction coefficients of 0.1/0.3 were used for each cross section to represent normal unconfined floodplain conditions.

The HEC-RAS backwater simulation was started at normal depth at the most downstream cross section using the slope-area method and a water surface slope equal to the channel slope.

There are many cross sections in the Diamond Fork Creek system having floodplain elevations lower than the channel bank elevations. In general, flows at these cross sections were confined to the channel area until the channel capacity was exceeded, at which time flow was allowed to access the floodplain area. In sections where the stream exhibits a braided morphology consisting of several interconnected channels, flow was confined to the main channel thread until the water surface reached an elevation of about 0.5 feet above the secondary channel invert elevations. Above that elevation it was assumed that all portions of the braided system would be conveying flow.

At cross sections 4, 13, 24, 33, and 35, initial model results generated critical depth, with flow velocities exceeding 5 ft/sec. These conditions are not reasonable for the situation being modeled, and appear to be due to model instability in divided flow sections and to unusually narrow and deep sections corresponding to pools. In each case the model will under predict water surface elevation and over predict flow velocity. To account for this problem, channel n values were increased by 10 percent at these cross sections.

HEC-RAS Results

Two HEC-RAS simulations were performed: one for flows from 20 to 100 cfs, and another for flows from 120 to 300 cfs. Results were summarized by plotting cross sections and water surface elevations for each simulated discharge. In addition, stage-discharge curves were plotted for each cross section.

Because of the large spacing between cross sections (typically 200 to 800 feet) and the low discharges being simulated, results show little or no backwater effect. As a result, computed water surface elevations essentially represent normal depth at each cross section.

Many of the stage-discharge plots are not continuously increasing for certain flow rates (i.e., increasing discharge results in a lower water surface elevation). This occurs when either: (1) lower flows are confined to the main channel and higher flows are allowed to spread into overbank areas with elevations lower than the channel bank elevations; (2) HEC-RAS defaults to critical depth for one discharge but not others, resulting in an under prediction of the water surface elevation. No effort was made to resolve these discontinuities in the model results. Depending on how the model results are used, it may be reasonable to adjust these discontinuities in the stage-discharge curves by assuming that the water surface elevation for a given discharge must be equal to or greater than the elevation for all lower discharges.

Manning's Equation, Cross Sections 1, 2, and 47

Three cross sections were surveyed, but were not included in the HEC-RAS simulation because of their distance from the main body of cross sections. These include one cross section on Diamond Fork Creek at Three Forks Campground (cross section 47), and two cross sections on the Spanish Fork River between Diamond Fork Creek and the Castilla Gage (cross sections 1 and 2). Manning's equation was used to solve for the stage at various flows for these cross sections.

Conclusion

Under contract to the Central Utah Water Conservancy District (CUWCD), Franson-Noble and Associates, Inc. performed the modeling and operational analyses used to generate the Baseline, Proposed Action, and No Action Alternative Flows and the Strawberry Reservoir and Utah Lake storage volumes. The tables included in this memorandum were prepared by Montgomery Watson Americas, Inc., based upon the results developed by Franson-Noble and Associates. A more complete description of the methodologies used to

generate the flow results and the storage volumes is included in the Hydrology and Water Resources Technical Report, Chapter 3 and Appendix A (CUWCD, 1998b). HEC-RAS modeling presented in this memorandum was performed by Montgomery Watson Americas

Most of the flow tables included in this Technical Memorandum contain numbers that are rounded to the nearest 100 acre-feet. The rounded numbers may not exactly agree with numbers presented in the FS-FEIS.

1999 Diamond Fork System FS-FEIS
Hydrology and Water Resources Technical Memorandum

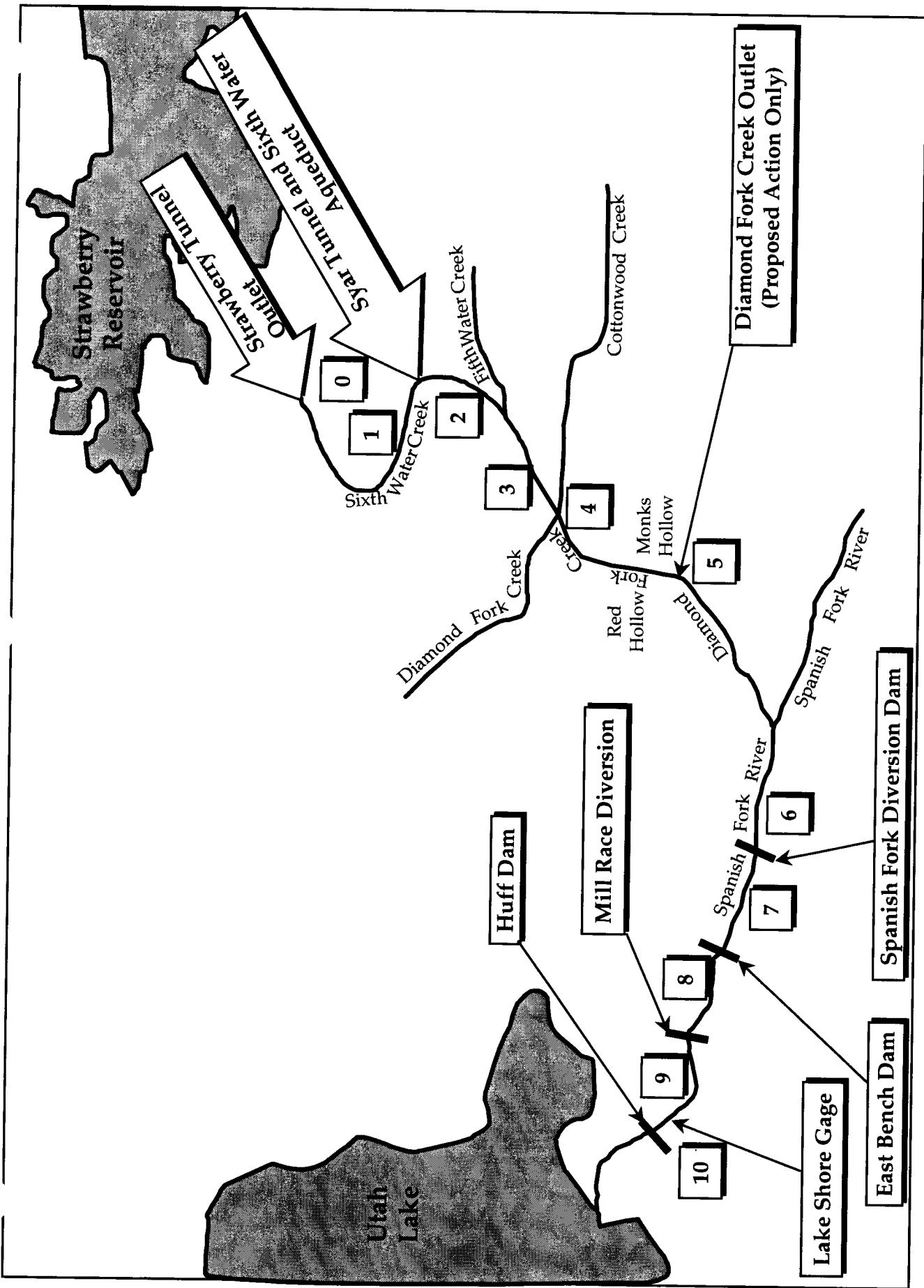
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BASELINE FLOWS

Final Supplement to the Final Environmental Impact Statement
BASELINE
Summary of Flows

Node	Location and Description	Average Annual Flow (Acre-feet)
0	Releases from Strawberry Reservoir	
0a	Strawberry Valley Project - Total Releases from Strawberry Reservoir	56,700
0b	Strawberry Valley Project - Deliveries through Strawberry Tunnel	-
0c	Strawberry Valley Project - Deliveries through Syar Tunnel	56,700
0d	Bonneville Unit - Total Releases from Strawberry Reservoir	-
0e	Bonneville Unit - Deliveries through Strawberry Tunnel	-
0f	Bonneville Unit - Deliveries through Syar Tunnel	-
1	Sixth Water Creek above Sixth Water Aqueduct	
1a	Sixth Water Creek above Sixth Water Aqueduct - Total Flow	6,100
1b	Sixth Water Creek - Strawberry Tunnel Deliveries	-
1c	Sixth Water Creek - Strawberry Tunnel Seepage	3,600
1d	Sixth Water Creek-Natural Flow Gains, Strawberry Tunnel to Sixth Water Aqueduct	2,600
2	Sixth Water Creek below Sixth Water Aqueduct	
2a	Sixth Water Creek below Sixth Water Aqueduct - Total Flow	62,900
2b	Sixth Water Creek - Water Releases from Sixth Water Aqueduct	56,700
3	Sixth Water Creek below Fifth Water Creek	
3a	Sixth Water Creek below Fifth Water Creek - Total Flow	67,400
3b	Natural Flow Gains, Sixth Water Aqueduct to below Fifth Water Creek	4,500
4	Diamond Fork Creek below Three Forks	
4a	Diamond Fork below Three Forks - Total Flow	77,200
4b	Diamond Fork Creek - Natural Flow Gains above Three Forks	9,800
5	Diamond Fork Creek below Red Hollow	
5a	Diamond Fork Creek below Red Hollow - Total flow	77,200
5b	Diamond Fork Creek below Red Hollow - Releases from Diamond Fork Cr. Outlet	-
6	Spanish Fork River at Castilla Gage	
6a	Spanish Fork at Castilla Gage - Total Flow	147,100
6b	Diamond Fork Creek - Total Flow above Spanish Fork River Outlet	90,200
6c	Spanish Fork River - Diamond Fork Creek Natural Flow Gains below Red Hollow	13,100
6d	Spanish Fork River - Spanish Fork River Outlet Releases	-
6e	Spanish Fork River - Natural Flow Gains (excluding Diamond Fork Creek)	56,900
7	Spanish Fork River below Spanish Fork Diversion Dam	
7a	Spanish Fork River below Spanish Fork Diversion Dam -Total Flow	16,800
7b	Spanish Fork R. below Spanish Fork Diversion Dam-Diversions to Power Canal	130,400
8	Spanish Fork River below East Bench Diversion Dam	
8a	Spanish Fork River below east Bench Diversion Dam - Total Flow	4,100
8b	Spanish Fork R. below East Bench Diversion Dam-Diversions to E. Bench Canal	12,600
9	Spanish Fork River below Mill Race Diversion Dam	
9a	Spanish Fork River below Mill Race Diversion Dam - Total Flow	52,000
9b	Spanish Fork River - Flow Gains above Mill Race Diversion	61,900
9c	Spanish Fork River - Diversions to Mill Race Canal	14,100
10	Spanish Fork River at Lake Shore Gage	
10a	Spanish Fork River at Lake Shore Gage - Total Flow	51,200



Schematic of Diamond Fork System Flow Locations

BASELINE
Strawberry Valley Project - Total Releases from Strawberry Reservoir 0a
Location #0
Water Year Monthly Summary
(Acre-Feet)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual	
1930	700	0	0	0	0	0	3,500	9,100	22,400	14,900	12,100	6,800	69,500	
1931	0	200	700	0	0	0	2,600	15,600	21,600	17,500	8,600	3,400	70,200	
1932	700	0	0	0	0	0	0	11,500	11,500	18,600	13,900	5,700	61,900	
1933	1,300	100	100	100	100	100	100	200	13,800	16,700	10,500	5,500	48,600	
1934	1,500	0	200	0	200	0	2,500	7,500	4,900	4,400	2,900	1,600	25,700	
1935	300	0	0	100	0	100	0	100	10,900	13,300	9,400	6,800	41,000	
1936	200	0	100	100	100	100	100	4,900	14,200	7,600	7,800	4,700	39,900	
1937	3,000	0	0	0	0	0	100	2,300	10,700	10,400	12,900	7,000	46,400	
1938	2,100	0	0	0	0	0	0	300	20,000	13,000	11,200	5,300	51,900	
1939	3,200	0	0	0	0	0	2,200	12,900	12,700	18,500	12,100	5,600	67,200	
1940	500	0	100	0	0	0	0	9,400	19,900	10,300	8,800	1,800	50,800	
1941	1,200	0	0	100	0	0	0	1,400	10,200	12,700	8,600	7,600	41,800	
1942	1,000	0	100	0	0	0	100	0	14,900	16,200	11,500	6,700	50,500	
1943	2,400	0	0	0	0	0	1,200	8,700	6,900	16,700	11,400	8,000	55,300	
1944	2,900	0	0	0	0	0	0	0	7,100	21,100	14,900	8,000	54,000	
1945	2,500	0	100	0	0	0	0	1,000	9,000	20,400	5,300	7,800	46,100	
1946	2,500	100	0	0	0	0	0	7,500	20,600	16,800	10,100	8,300	65,900	
1947	1,500	0	0	0	0	0	0	5,500	4,000	21,300	14,000	9,800	56,100	
1948	3,300	0	0	0	0	0	0	6,300	14,500	20,500	13,600	10,500	68,700	
1949	1,400	0	0	0	0	0	500	600	15,600	17,000	16,800	7,900	59,800	
1950	2,600	0	0	0	0	0	100	1,900	16,300	14,100	18,400	12,000	65,400	
1951	200	0	0	0	0	0	200	1,100	15,900	21,500	15,200	10,500	64,600	
1952	1,700	0	0	0	0	0	0	0	4,600	14,200	10,600	10,900	42,000	
1953	7,300	1,900	0	0	0	0	1,200	3,800	19,000	19,900	14,200	9,700	77,000	
1954	2,100	100	0	100	0	100	1,600	12,100	19,500	17,200	17,700	4,500	75,000	
1955	2,200	0	0	0	0	0	0	2,000	18,800	23,200	14,000	7,400	67,600	
1956	1,500	0	0	0	0	0	100	4,800	20,800	18,000	17,000	8,100	70,300	
1957	700	0	0	0	0	0	0	0	4,900	21,700	16,500	10,300	54,100	
1958	2,600	0	0	0	0	0	100	400	17,200	19,900	17,600	5,300	63,100	
1959	1,900	0	0	0	0	0	100	11,800	21,300	14,100	11,000	4,800	65,000	
1960	1,200	0	0	0	0	100	700	10,000	23,600	19,200	15,600	4,100	74,500	
1961	600	0	0	0	0	0	0	13,100	18,700	11,400	5,600	2,100	51,500	
1962	0	0	0	0	0	0	0	0	11,000	12,700	14,400	4,300	42,400	
1963	1,100	0	0	0	0	0	0	3,700	5,400	15,200	11,800	3,300	40,500	
1964	1,900	0	0	0	0	100	100	700	3,000	25,500	15,900	9,000	56,200	
1965	900	0	0	0	0	0	0	0	5,800	14,100	11,400	5,800	38,000	
1966	1,100	0	0	0	0	0	1,000	8,800	21,900	15,800	15,600	5,400	69,600	
1967	1,500	0	0	0	0	0	0	0	700	22,100	19,900	12,300	56,500	
1968	0	0	0	0	0	0	0	0	10,400	20,800	11,000	10,200	52,400	
1969	2,000	0	0	0	0	0	0	1,900	9,600	17,500	18,900	9,200	59,100	
1970	1,500	0	0	0	0	0	0	100	9,300	20,200	21,300	6,600	59,000	
1971	1,200	0	0	0	0	0	0	1,300	13,300	22,100	20,900	1,900	60,700	
1972	100	0	0	0	0	0	0	0	13,600	16,300	20,200	15,700	3,900	69,800
1973	0	0	0	0	0	0	0	0	8,600	20,200	17,900	4,200	50,900	
Average	1,500	50	30	10	10	10	410	4,500	13,200	17,000	13,300	6,700	56,700	

BASELINE
Strawberry Valley Project - Total Releases from Strawberry Reservoir
Location #0
Water Year Monthly Summary
(cfs)

(0a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	11	0	0	0	0	0	59	148	377	243	197	114	96
1931	0	3	11	0	0	0	44	254	364	285	140	57	97
1932	11	0	0	0	0	0	0	187	194	303	226	96	85
1933	21	2	2	2	2	2	2	3	232	272	171	93	67
1934	24	0	3	0	4	0	42	122	82	72	47	27	35
1935	5	0	0	2	0	2	0	2	184	217	153	114	56
1936	3	0	2	2	2	2	2	80	239	124	127	79	55
1937	49	0	0	0	0	0	2	37	180	169	210	118	64
1938	34	0	0	0	0	0	0	5	337	212	182	89	72
1939	52	0	0	0	0	0	37	210	214	301	197	94	92
1940	8	0	2	0	0	0	0	153	335	168	143	30	70
1941	20	0	0	2	0	0	0	23	172	207	140	128	58
1942	16	0	2	0	0	0	2	0	251	264	187	113	70
1943	39	0	0	0	0	0	20	142	116	272	186	135	76
1944	47	0	0	0	0	0	0	0	120	344	243	135	74
1945	41	0	2	0	0	0	0	16	152	332	86	131	63
1946	41	2	0	0	0	0	0	122	347	274	165	140	91
1947	24	0	0	0	0	0	0	90	67	347	228	165	77
1948	54	0	0	0	0	0	0	103	244	334	222	177	94
1949	23	0	0	0	0	0	8	10	263	277	274	133	82
1950	42	0	0	0	0	0	2	31	274	230	300	202	90
1951	3	0	0	0	0	0	3	18	268	350	248	177	89
1952	28	0	0	0	0	0	0	0	77	231	173	184	58
1953	119	32	0	0	0	0	20	62	320	324	231	163	106
1954	34	2	0	2	0	2	27	197	328	280	288	76	103
1955	36	0	0	0	0	0	0	33	316	378	228	125	93
1956	24	0	0	0	0	0	2	78	350	293	277	136	97
1957	11	0	0	0	0	0	0	0	82	354	269	173	74
1958	42	0	0	0	0	0	2	7	290	324	287	89	87
1959	31	0	0	0	0	0	2	192	359	230	179	81	89
1960	20	0	0	0	0	2	12	163	397	313	254	69	102
1961	10	0	0	0	0	0	0	213	315	186	91	35	71
1962	0	0	0	0	0	0	0	0	185	207	235	72	58
1963	18	0	0	0	0	0	0	60	91	248	192	56	55
1964	31	0	0	0	0	2	2	11	51	415	259	152	77
1965	15	0	0	0	0	0	0	0	98	230	186	98	52
1966	18	0	0	0	0	0	17	143	369	257	254	91	96
1967	24	0	0	0	0	0	0	0	12	360	324	207	77
1968	0	0	0	0	0	0	0	0	175	339	179	172	72
1969	33	0	0	0	0	0	0	31	162	285	308	155	81
1970	24	0	0	0	0	0	0	2	157	329	347	111	81
1971	20	0	0	0	0	0	0	21	224	360	341	32	83
1972	2	0	0	0	0	0	0	222	274	329	256	66	96
1973	0	0	0	0	0	0	0	0	145	329	292	71	70
Average	25	1	1	0	0	0	7	73	222	277	216	113	78

BASELINE
Strawberry Valley Project - Deliveries through Strawberry Tunnel
Location #0
Water Year Monthly Summary
(Acre-Feet)

0b

BASELINE
Strawberry Valley Project - Deliveries through Strawberry Tunnel
Location #0
Water Year Monthly Summary
(cfs)

0b

BASELINE
Strawberry Valley Project - Deliveries through Syar Tunnel
Location #0
Water Year Monthly Summary
(Acre-Feet)

(0c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual	
1930	700	0	0	0	0	0	3,500	9,100	22,400	14,900	12,100	6,800	69,500	
1931	0	200	700	0	0	0	2,600	15,600	21,600	17,500	8,600	3,400	70,200	
1932	700	0	0	0	0	0	0	11,500	11,500	18,600	13,900	5,700	61,900	
1933	1,300	100	100	100	100	100	100	200	13,800	16,700	10,500	5,500	48,600	
1934	1,500	0	200	0	200	0	2,500	7,500	4,900	4,400	2,900	1,600	25,700	
1935	300	0	0	100	0	100	0	100	10,900	13,300	9,400	6,800	41,000	
1936	200	0	100	100	100	100	100	4,900	14,200	7,600	7,800	4,700	39,900	
1937	3,000	0	0	0	0	0	100	2,300	10,700	10,400	12,900	7,000	46,400	
1938	2,100	0	0	0	0	0	0	300	20,000	13,000	11,200	5,300	51,900	
1939	3,200	0	0	0	0	0	2,200	12,900	12,700	18,500	12,100	5,600	67,200	
1940	500	0	100	0	0	0	0	9,400	19,900	10,300	8,800	1,800	50,800	
1941	1,200	0	0	100	0	0	0	1,400	10,200	12,700	8,600	7,600	41,800	
1942	1,000	0	100	0	0	0	100	0	14,900	16,200	11,500	6,700	50,500	
1943	2,400	0	0	0	0	0	1,200	8,700	6,900	16,700	11,400	8,000	55,300	
1944	2,900	0	0	0	0	0	0	0	7,100	21,100	14,900	8,000	54,000	
1945	2,500	0	100	0	0	0	0	1,000	9,000	20,400	5,300	7,800	46,100	
1946	2,500	100	0	0	0	0	0	7,500	20,600	16,800	10,100	8,300	65,900	
1947	1,500	0	0	0	0	0	0	5,500	4,000	21,300	14,000	9,800	56,100	
1948	3,300	0	0	0	0	0	0	6,300	14,500	20,500	13,600	10,500	68,700	
1949	1,400	0	0	0	0	0	500	600	15,600	17,000	16,800	7,900	59,800	
1950	2,600	0	0	0	0	0	100	1,900	16,300	14,100	18,400	12,000	65,400	
1951	200	0	0	0	0	0	200	1,100	15,900	21,500	15,200	10,500	64,600	
1952	1,700	0	0	0	0	0	0	0	4,600	14,200	10,600	10,900	42,000	
1953	7,300	1,900	0	0	0	0	1,200	3,800	19,000	19,900	14,200	9,700	77,000	
1954	2,100	100	0	100	0	100	1,600	12,100	19,500	17,200	17,700	4,500	75,000	
1955	2,200	0	0	0	0	0	0	2,000	18,800	23,200	14,000	7,400	67,600	
1956	1,500	0	0	0	0	0	100	4,800	20,800	18,000	17,000	8,100	70,300	
1957	700	0	0	0	0	0	0	0	4,900	21,700	16,500	10,300	54,100	
1958	2,600	0	0	0	0	0	100	400	17,200	19,900	17,600	5,300	63,100	
1959	1,900	0	0	0	0	0	100	11,800	21,300	14,100	11,000	4,800	65,000	
1960	1,200	0	0	0	0	100	700	10,000	23,600	19,200	15,600	4,100	74,500	
1961	600	0	0	0	0	0	0	13,100	18,700	11,400	5,600	2,100	51,500	
1962	0	0	0	0	0	0	0	0	11,000	12,700	14,400	4,300	42,400	
1963	1,100	0	0	0	0	0	0	3,700	5,400	15,200	11,800	3,300	40,500	
1964	1,900	0	0	0	0	100	100	700	3,000	25,500	15,900	9,000	56,200	
1965	900	0	0	0	0	0	0	0	5,800	14,100	11,400	5,800	38,000	
1966	1,100	0	0	0	0	0	1,000	8,800	21,900	15,800	15,600	5,400	69,600	
1967	1,500	0	0	0	0	0	0	0	700	22,100	19,900	12,300	56,500	
1968	0	0	0	0	0	0	0	0	10,400	20,800	11,000	10,200	52,400	
1969	2,000	0	0	0	0	0	0	1,900	9,600	17,500	18,900	9,200	59,100	
1970	1,500	0	0	0	0	0	0	100	9,300	20,200	21,300	6,600	59,000	
1971	1,200	0	0	0	0	0	0	1,300	13,300	22,100	20,900	1,900	60,700	
1972	100	0	0	0	0	0	0	0	13,600	16,300	20,200	15,700	3,900	69,800
1973	0	0	0	0	0	0	0	0	8,600	20,200	17,900	4,200	50,900	
Average	1,500	50	30	10	10	10	410	4,500	13,200	17,000	13,300	6,700	56,700	

BASELINE
Strawberry Valley Project - Deliveries through Syar Tunnel
Location #0
Water Year Monthly Summary
(cfs)

(0c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	11	0	0	0	0	0	59	148	377	243	197	114	96
1931	0	3	11	0	0	0	44	254	364	285	140	57	97
1932	11	0	0	0	0	0	0	187	194	303	226	96	85
1933	21	2	2	2	2	2	2	3	232	272	171	93	67
1934	24	0	3	0	4	0	42	122	82	72	47	27	35
1935	5	0	0	2	0	2	0	2	184	217	153	114	56
1936	3	0	2	2	2	2	2	80	239	124	127	79	55
1937	49	0	0	0	0	0	2	37	180	169	210	118	64
1938	34	0	0	0	0	0	0	5	337	212	182	89	72
1939	52	0	0	0	0	0	37	210	214	301	197	94	92
1940	8	0	2	0	0	0	0	153	335	168	143	30	70
1941	20	0	0	2	0	0	0	23	172	207	140	128	58
1942	16	0	2	0	0	0	2	0	251	264	187	113	70
1943	39	0	0	0	0	0	20	142	116	272	186	135	76
1944	47	0	0	0	0	0	0	0	120	344	243	135	74
1945	41	0	2	0	0	0	0	16	152	332	86	131	63
1946	41	2	0	0	0	0	0	122	347	274	165	140	91
1947	24	0	0	0	0	0	0	90	67	347	228	165	77
1948	54	0	0	0	0	0	0	103	244	334	222	177	94
1949	23	0	0	0	0	0	8	10	263	277	274	133	82
1950	42	0	0	0	0	0	2	31	274	230	300	202	90
1951	3	0	0	0	0	0	3	18	268	350	248	177	89
1952	28	0	0	0	0	0	0	0	77	231	173	184	58
1953	119	32	0	0	0	0	20	62	320	324	231	163	106
1954	34	2	0	2	0	2	27	197	328	280	288	76	103
1955	36	0	0	0	0	0	0	33	316	378	228	125	93
1956	24	0	0	0	0	0	2	78	350	293	277	136	97
1957	11	0	0	0	0	0	0	0	82	354	269	173	74
1958	42	0	0	0	0	0	2	7	290	324	287	89	87
1959	31	0	0	0	0	0	2	192	359	230	179	81	89
1960	20	0	0	0	0	2	12	163	397	313	254	69	102
1961	10	0	0	0	0	0	0	213	315	186	91	35	71
1962	0	0	0	0	0	0	0	0	185	207	235	72	58
1963	18	0	0	0	0	0	0	0	91	248	192	56	55
1964	31	0	0	0	0	2	2	11	51	415	259	152	77
1965	15	0	0	0	0	0	0	0	98	230	186	98	52
1966	18	0	0	0	0	0	17	143	369	257	254	91	96
1967	24	0	0	0	0	0	0	0	12	360	324	207	77
1968	0	0	0	0	0	0	0	0	175	339	179	172	72
1969	33	0	0	0	0	0	0	31	162	285	308	155	81
1970	24	0	0	0	0	0	0	2	157	329	347	111	81
1971	20	0	0	0	0	0	0	21	224	360	341	32	83
1972	2	0	0	0	0	0	0	222	274	329	256	66	96
1973	0	0	0	0	0	0	0	0	145	329	292	71	70
Average	25	1	1	0	0	0	7	73	222	277	216	113	78

BASELINE
Bonneville Unit - Total Releases from Strawberry Reservoir
Location #0
Water Year Monthly Summary
(Acre-Feet)

0d

BASELINE
Bonneville Unit - Total Releases from Strawberry Reservoir
Location #0
Water Year Monthly Summary
(cfs)

0d

BASELINE
Bonneville Unit - Deliveries through Strawberry Tunnel
Location #0
Water Year Monthly Summary
(Acre-Feet)

0e

BASELINE
Bonneville Unit - Deliveries through Strawberry Tunnel
Location #0
Water Year Monthly Summary
(cfs)

0e

BASELINE
Bonneville Unit - Deliveries through Syar Tunnel
Location #0
Water Year Monthly Summary
(Acre-Feet)

of

BASELINE
Bonneville Unit - Deliveries through Syar Tunnel
Location #0
Water Year Monthly Summary
(cfs)

BASELINE
Sixth Water Creek above Sixth Water Aqueduct - Total Flow
Location #1
Water Year Monthly Summary
(Acre-Feet)

(1a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	322	353	368	261	322	506	1,172	851	407	346	361	507	5,800
1931	338	322	338	277	292	368	813	553	431	300	300	300	4,600
1932	46	261	322	261	292	246	774	790	1,030	522	292	115	5,000
1933	361	292	322	261	200	261	384	904	836	499	407	392	5,100
1934	277	246	146	261	131	200	200	200	200	200	246	300	2,600
1935	15	277	200	200	200	200	475	996	652	392	246	377	4,200
1936	361	231	300	200	200	307	1,240	1,608	484	514	377	392	6,200
1937	392	377	346	300	392	530	1,050	1,991	721	499	392	361	7,300
1938	392	392	377	377	361	514	943	1,532	645	553	407	392	6,900
1939	392	377	392	377	331	560	828	691	300	300	200	231	5,000
1940	292	261	246	346	277	438	652	790	377	377	346	361	4,800
1941	346	361	261	261	277	407	506	943	545	468	300	292	5,000
1942	307	322	277	346	277	392	843	1,004	575	453	346	292	5,400
1943	292	322	292	361	322	422	736	652	353	392	300	231	4,700
1944	277	277	261	300	277	407	621	1,310	698	499	361	307	5,600
1945	322	307	246	346	277	407	606	1,142	545	392	453	407	5,400
1946	407	307	361	361	292	438	1,187	897	468	422	361	392	5,900
1947	392	407	361	377	377	453	744	912	584	468	377	346	5,800
1948	377	377	361	377	377	407	744	1,165	484	300	300	315	5,600
1949	292	392	377	300	361	422	912	1,272	667	568	377	407	6,300
1950	438	422	377	361	392	438	943	1,303	667	599	407	407	6,800
1951	438	453	407	361	392	438	1,027	1,425	637	300	331	407	6,600
1952	407	438	407	392	392	422	2,243	3,751	1,578	645	568	538	11,800
1953	553	545	599	507	422	553	813	905	721	453	407	392	6,900
1954	538	422	407	407	392	407	660	630	331	300	300	392	5,200
1955	377	392	377	392	377	392	599	828	446	377	361	315	5,200
1956	361	346	377	392	346	468	966	1,073	331	484	545	438	6,100
1957	377	377	377	392	407	422	706	1,639	1,150	468	377	392	7,100
1958	422	422	392	392	407	507	744	1,930	422	300	331	407	6,700
1959	407	392	392	392	377	407	568	431	331	361	438	361	4,900
1960	361	361	346	377	392	407	584	614	300	300	300	300	4,600
1961	377	377	346	377	346	361	407	553	300	300	300	361	4,400
1962	361	361	361	361	377	392	1,325	1,502	691	484	300	407	6,900
1963	407	377	361	392	468	422	499	1,073	545	453	346	300	5,600
1964	392	392	377	377	361	377	545	1,716	713	315	315	392	6,300
1965	392	407	422	407	392	438	1,034	2,190	1,287	545	484	453	8,500
1966	438	422	392	377	377	538	606	820	377	361	468	453	5,600
1967	422	392	377	377	361	438	438	1,111	1,058	568	422	438	6,400
1968	422	392	392	377	392	438	606	1,646	997	522	606	621	7,400
1969	484	407	407	407	407	468	1,784	2,289	833	568	484	474	9,000
1970	300	407	407	407	392	422	545	2,442	838	560	443	468	7,600
1971	300	422	392	407	392	453	1,111	3,039	792	550	457	465	8,800
1972	346	392	422	407	407	392	453	637	558	412	391	435	5,300
1973	377	407	392	392	377	422	836	3,284	980	589	498	501	9,100
Average	360	370	360	350	340	420	810	1,300	630	440	380	380	6,100

BASELINE
Sixth Water Creek above Sixth Water Aqueduct - Total Flow
Location #1
Water Year Monthly Summary
(cfs)

(1a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	5	6	6	4	6	8	20	14	7	6	6	9	8
1931	6	5	6	5	5	6	14	9	7	5	5	5	6
1932	1	4	5	4	5	4	13	13	17	9	5	2	7
1933	6	5	5	4	4	4	6	15	14	8	7	7	7
1934	5	4	2	4	2	3	3	3	3	3	4	5	4
1935	0	5	3	3	4	3	8	16	11	6	4	6	6
1936	6	4	5	3	3	5	21	26	8	8	6	7	9
1937	6	6	6	5	7	9	18	32	12	8	6	6	10
1938	6	7	6	6	7	8	16	25	11	9	7	7	10
1939	6	6	6	6	6	9	14	11	5	5	3	4	7
1940	5	4	4	6	5	7	11	13	6	6	6	6	7
1941	6	6	4	4	5	7	9	15	9	8	5	5	7
1942	5	5	5	6	5	6	14	16	10	7	6	5	8
1943	5	5	5	6	6	7	12	11	6	6	5	4	6
1944	5	5	4	5	5	7	10	21	12	8	6	5	8
1945	5	5	4	6	5	7	10	19	9	6	7	7	8
1946	7	5	6	6	5	7	20	15	8	7	6	7	8
1947	6	7	6	6	7	7	13	15	10	8	6	6	8
1948	6	6	6	6	7	7	13	19	8	5	5	5	8
1949	5	7	6	5	7	7	15	21	11	9	6	7	9
1950	7	7	6	6	7	7	16	21	11	10	7	7	9
1951	7	8	7	6	7	7	17	23	11	5	5	7	9
1952	7	7	7	6	7	7	17	23	11	5	5	7	9
1953	9	9	10	8	8	9	14	15	12	7	7	7	10
1954	9	7	7	7	7	7	11	10	6	5	5	7	7
1955	6	7	6	6	7	6	10	13	8	6	6	5	7
1956	6	6	6	6	6	8	16	17	6	8	9	7	8
1957	6	6	6	6	7	7	12	27	19	8	6	7	10
1958	7	7	6	6	7	8	13	31	7	5	5	7	9
1959	7	7	6	6	7	7	10	7	6	6	7	6	7
1960	6	6	6	6	7	7	10	10	5	5	5	5	6
1961	6	6	6	6	6	6	7	9	5	5	5	6	6
1962	6	6	6	6	7	6	22	24	12	8	5	7	10
1963	7	6	6	6	8	7	8	17	9	7	6	5	8
1964	6	7	6	6	6	6	9	28	12	5	5	7	9
1965	6	7	7	7	7	7	17	36	22	9	8	8	12
1966	7	7	6	6	7	9	10	13	6	6	8	8	8
1967	7	7	6	6	7	7	7	18	18	9	7	7	9
1968	7	7	6	6	7	7	10	27	17	9	10	10	10
1969	8	7	7	7	7	8	30	37	14	9	8	8	12
1970	5	7	7	7	7	7	9	40	14	9	7	8	11
1971	5	7	6	7	7	7	19	50	13	9	7	8	12
1972	6	7	7	7	7	6	8	10	9	7	6	7	7
1973	6	7	6	6	7	7	14	53	17	10	8	8	12
Average	6	6	6	6	6	7	14	21	11	7	6	6	8

BASELINE
Sixth Water Creek - Strawberry Tunnel Deliveries
Location #1
Water Year Monthly Summary
(Acre-Feet)

1b

BASELINE
Sixth Water Creek - Strawberry Tunnel Deliveries
Location #1
Water Year Monthly Summary
(cfs)

1b)

BASELINE
Sixth Water Creek - Strawberry Tunnel Seepage
Location #1
Water Year Monthly Summary
(Acre-Feet)

(1c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	200	200	200	200	200	200	300	300	300	300	300	400	3,100
1931	200	200	200	200	200	200	400	400	400	300	300	300	3,300
1932	0	200	200	200	200	200	300	300	800	400	200	100	3,100
1933	300	200	200	200	200	200	200	200	300	300	300	300	2,900
1934	200	200	100	200	100	200	200	200	200	200	200	300	2,300
1935	0	200	200	200	200	200	200	200	300	300	200	300	2,500
1936	300	200	300	200	200	200	200	200	300	300	300	300	3,000
1937	300	300	300	300	300	300	300	400	400	300	300	300	3,800
1938	300	300	300	300	300	300	300	400	400	400	300	300	3,900
1939	300	300	300	300	300	300	400	400	300	300	200	200	3,600
1940	200	200	200	300	200	300	300	300	300	300	300	300	3,200
1941	300	300	200	200	200	300	200	300	300	300	300	200	3,100
1942	200	200	200	300	200	300	200	300	300	300	300	200	3,000
1943	200	200	200	300	200	300	200	300	200	300	300	200	2,900
1944	200	200	200	300	200	300	300	300	300	300	300	300	3,100
1945	200	200	200	300	200	300	300	300	300	300	300	300	3,200
1946	300	200	300	300	200	300	300	300	300	300	300	300	3,400
1947	300	300	300	300	300	300	300	300	400	300	300	300	3,700
1948	300	300	300	300	300	300	300	400	300	300	300	300	3,700
1949	200	300	300	300	300	300	300	400	300	400	300	300	3,700
1950	300	300	300	300	300	300	300	400	400	300	300	300	3,800
1951	300	300	300	300	300	300	400	400	400	300	300	300	3,800
1952	300	300	300	300	300	300	300	400	400	400	400	400	4,100
1953	400	300	400	400	300	400	400	400	400	400	300	300	4,300
1954	400	300	300	300	300	300	400	400	400	300	300	300	3,900
1955	300	300	300	300	300	300	400	400	400	400	300	300	3,900
1956	300	300	300	300	300	300	400	400	400	300	300	300	3,800
1957	300	300	300	300	300	300	400	400	400	300	300	300	3,900
1958	300	300	300	300	300	400	300	400	300	300	300	300	3,800
1959	300	300	300	300	300	300	400	400	300	300	300	300	3,800
1960	300	300	300	300	300	300	400	400	400	300	300	300	3,800
1961	300	300	300	300	300	300	300	400	300	300	300	300	3,700
1962	300	300	300	300	300	300	300	400	400	300	300	300	3,800
1963	300	300	300	300	300	300	300	400	400	300	300	300	3,700
1964	300	300	300	300	300	300	300	400	300	300	300	300	3,700
1965	300	300	300	300	300	300	300	400	400	300	300	300	3,800
1966	300	300	300	300	300	400	300	300	300	300	300	300	3,700
1967	300	300	300	300	300	300	300	300	400	400	300	300	3,800
1968	300	300	300	300	300	300	300	300	400	400	300	300	3,800
1969	300	300	300	300	300	300	300	300	400	400	300	300	3,800
1970	300	300	300	300	300	300	300	300	400	400	300	300	3,800
1971	300	300	300	300	300	300	300	300	400	400	300	300	3,800
1972	300	300	300	300	300	300	300	300	400	400	300	300	3,700
1973	300	300	300	300	300	300	300	300	400	400	300	300	3,800
Average	270	270	270	280	270	290	310	340	350	320	290	290	3,600

BASELINE
Sixth Water Creek - Strawberry Tunnel Seepage
Location #1
Water Year Monthly Summary
(cfs)

(1c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	3	3	3	3	4	3	5	5	5	5	5	7	4
1931	3	3	3	3	4	3	7	7	7	5	5	5	5
1932	0	3	3	3	3	3	5	5	13	7	3	2	4
1933	5	3	3	3	4	3	3	3	5	5	5	5	4
1934	3	3	2	3	2	3	3	3	3	3	3	3	3
1935	0	3	3	3	4	3	3	3	5	5	3	5	3
1936	5	3	5	3	3	3	3	3	5	5	5	5	3
1937	5	5	5	5	5	5	5	7	7	5	5	5	5
1938	5	5	5	5	5	5	5	7	7	7	5	5	5
1939	5	5	5	5	5	5	7	7	5	5	3	3	5
1940	3	3	3	5	3	5	5	5	5	5	5	5	4
1941	5	5	3	3	4	5	3	5	5	5	5	5	4
1942	3	3	3	5	4	5	3	5	5	5	5	3	4
1943	3	3	3	5	4	5	3	5	3	5	5	3	4
1944	3	3	3	5	3	5	5	5	5	5	5	3	4
1945	3	3	3	5	4	5	5	5	5	5	5	5	4
1946	5	3	5	5	4	5	5	5	5	5	5	5	5
1947	5	5	5	5	5	5	5	5	7	5	5	5	5
1948	5	5	5	5	5	5	5	5	7	5	5	5	5
1949	3	5	5	5	5	5	5	7	5	5	7	5	5
1950	5	5	5	5	5	5	5	7	5	7	5	5	5
1951	5	5	5	5	5	5	7	7	5	5	5	5	5
1952	5	5	5	5	5	5	5	7	7	7	7	7	6
1953	7	5	7	7	5	7	7	7	7	5	5	5	6
1954	7	5	5	5	5	5	5	7	5	5	5	5	6
1955	5	5	5	5	5	5	7	7	5	5	5	5	5
1956	5	5	5	5	5	5	7	7	5	5	5	5	5
1957	5	5	5	5	5	5	7	7	7	5	5	5	5
1958	5	5	5	5	5	7	5	7	5	5	5	5	5
1959	5	5	5	5	5	5	7	7	5	5	5	5	5
1960	5	5	5	5	5	5	7	7	5	5	5	5	5
1961	5	5	5	5	5	5	5	7	5	5	5	5	5
1962	5	5	5	5	5	5	5	7	7	5	5	5	5
1963	5	5	5	5	5	5	5	7	5	5	5	5	5
1964	5	5	5	5	5	5	5	7	5	5	5	5	5
1965	5	5	5	5	5	5	5	7	7	5	5	5	5
1966	5	5	5	5	5	7	5	5	5	5	5	5	5
1967	5	5	5	5	5	5	5	5	5	5	5	5	5
1968	5	5	5	5	5	5	5	5	7	7	5	5	5
1969	5	5	5	5	5	5	5	5	7	7	5	5	5
1970	5	5	5	5	5	5	5	5	7	7	5	5	5
1971	5	5	5	5	5	5	5	5	7	7	5	5	5
1972	5	5	5	5	5	5	5	5	7	5	5	5	5
1973	5	5	5	5	5	5	5	5	7	7	5	5	5
Average	4	5	4	5	5	5	5	6	6	5	5	5	5

BASELINE
Sixth Water Creek - Natural Flow Gains, Strawberry Tunnel to Sixth Water Aqueduct
Location #1
Water Year Monthly Summary
(Acre-Feet)

(1d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	122	153	168	61	122	306	872	551	107	46	61	107	2,700
1931	138	122	138	77	92	168	413	153	31	0	0	0	1,300
1932	46	61	122	61	92	46	474	490	230	122	92	15	1,900
1933	61	92	122	61	0	61	184	704	536	199	107	92	2,200
1934	77	46	46	61	31	0	0	0	0	0	46	0	310
1935	15	77	0	0	0	0	275	796	352	92	46	77	1,700
1936	61	31	0	0	0	107	1040	1408	184	214	77	92	3,200
1937	92	77	46	0	92	230	750	1591	321	199	92	61	3,500
1938	92	92	77	77	61	214	643	1132	245	153	107	92	3,000
1939	92	77	92	77	31	260	428	291	0	0	0	31	1,400
1940	92	61	46	46	77	138	352	490	77	77	46	61	1,600
1941	46	61	61	61	77	107	306	643	245	168	0	92	1,900
1942	107	122	77	46	77	92	643	704	275	153	46	92	2,400
1943	92	122	92	61	122	122	536	352	153	92	0	31	1,800
1944	77	77	61	0	77	107	321	1010	398	199	61	107	2,500
1945	122	107	46	46	77	107	306	842	245	92	153	107	2,200
1946	107	107	61	61	92	138	887	597	168	122	61	92	2,500
1947	92	107	61	77	77	153	444	612	184	168	77	46	2,100
1948	77	77	61	77	77	107	444	765	184	0	0	15	1,900
1949	92	92	77	0	61	122	612	872	367	168	77	107	2,600
1950	138	122	77	61	92	138	643	903	367	199	107	107	3,000
1951	138	153	107	61	92	138	627	1025	337	0	31	107	2,800
1952	107	138	107	92	92	122	1943	3351	1178	245	168	138	7,700
1953	153	245	199	107	122	153	413	505	321	153	107	92	2,600
1954	138	122	107	107	92	107	260	230	31	0	0	92	1,300
1955	77	92	77	92	77	92	199	428	46	77	61	15	1,300
1956	61	46	77	92	46	168	566	673	31	184	245	138	2,300
1957	77	77	77	92	107	122	306	1239	750	168	77	92	3,200
1958	122	122	92	92	107	107	444	1530	122	0	31	107	2,900
1959	107	92	92	92	77	107	168	31	31	61	138	61	1,100
1960	61	61	46	77	92	107	184	214	0	0	0	0	840
1961	77	77	46	77	46	61	107	153	0	0	0	61	700
1962	61	61	61	61	77	92	1025	1102	291	184	0	107	3,100
1963	107	77	61	92	168	122	199	673	245	153	46	0	1,900
1964	92	92	77	77	61	77	245	1316	413	15	15	92	2,600
1965	92	107	122	107	92	138	734	1790	887	245	184	153	4,700
1966	138	122	92	77	77	138	306	520	77	61	168	153	1,900
1967	122	92	77	77	61	138	138	811	658	168	122	138	2,600
1968	122	92	92	77	92	138	306	1346	597	122	306	321	3,600
1969	184	107	107	107	107	168	1484	1989	433	168	184	174	5,200
1970	0	107	107	107	92	122	245	2142	438	160	143	168	3,800
1971	0	122	92	107	92	153	811	2739	392	150	157	165	5,000
1972	46	92	122	107	107	92	153	337	158	112	91	135	1,600
1973	77	107	92	92	77	122	536	2984	580	189	198	201	5,300
Average	90	100	80	70	80	130	500	960	290	120	80	90	2,600

BASELINE
Sixth Water Creek - Natural Flow Gains, Strawberry Tunnel to Sixth Water Aqueduct
Location #1
Water Year Monthly Summary
(cfs)

(1d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	2	3	3	1	2	5	15	9	2	1	1	2	4
1931	2	2	2	1	2	3	7	2	1	0	0	0	2
1932	1	1	2	1	2	1	8	8	4	2	1	0	3
1933	1	2	2	1	0	1	3	11	9	3	2	2	3
1934	1	1	1	1	1	0	0	0	0	0	1	0	0
1935	0	1	0	0	0	0	5	13	6	1	1	1	2
1936	1	1	0	0	0	2	18	23	3	3	1	2	4
1937	1	1	1	0	2	4	13	26	5	3	1	1	5
1938	1	2	1	1	1	3	11	18	4	2	2	2	4
1939	1	1	1	1	1	4	7	5	0	0	0	1	2
1940	1	1	1	1	1	2	6	8	1	1	1	1	2
1941	1	1	1	1	1	2	5	10	4	3	0	2	3
1942	2	2	1	1	1	1	11	11	5	2	1	2	3
1943	1	2	1	1	2	2	9	6	3	1	0	1	2
1944	1	1	1	0	1	2	5	16	7	3	1	2	3
1945	2	2	1	1	1	2	5	14	4	1	2	2	3
1946	2	2	1	1	2	2	15	10	3	2	1	2	3
1947	1	2	1	1	1	2	7	10	3	3	1	1	3
1948	1	1	1	1	1	2	7	12	3	0	0	0	3
1949	1	2	1	0	1	2	10	14	6	3	1	2	4
1950	2	2	1	1	2	2	11	15	6	3	2	2	4
1951	2	3	2	1	2	2	11	17	6	0	0	2	4
1952	2	2	2	1	2	2	33	55	20	4	3	2	11
1953	2	4	3	2	2	2	7	8	5	2	2	2	4
1954	2	2	2	2	2	2	4	4	1	0	0	2	2
1955	1	2	1	1	1	1	3	7	1	1	1	0	2
1956	1	1	1	1	1	3	10	11	1	3	4	2	3
1957	1	1	1	1	2	2	5	20	13	3	1	2	4
1958	2	2	1	1	2	2	7	25	2	0	0	2	4
1959	2	2	1	1	1	2	3	0	1	1	2	1	1
1960	1	1	1	1	2	2	3	3	0	0	0	0	1
1961	1	1	1	1	1	1	2	2	0	0	0	1	1
1962	1	1	1	1	1	1	17	18	5	3	0	2	4
1963	2	1	1	1	3	2	3	11	4	2	1	0	3
1964	1	2	1	1	1	1	4	21	7	0	0	2	4
1965	1	2	2	2	2	2	12	29	15	4	3	3	6
1966	2	2	1	1	1	2	5	8	1	1	3	3	3
1967	2	2	1	1	1	2	2	13	11	3	2	2	4
1968	2	2	1	1	2	2	5	22	10	2	5	5	5
1969	3	2	2	2	2	3	25	32	7	3	3	3	7
1970	0	2	2	2	2	2	4	35	7	3	2	3	5
1971	0	2	1	2	2	2	14	45	7	2	3	3	7
1972	1	2	2	2	2	1	3	5	3	3	2	1	2
1973	1	2	1	1	1	2	9	49	10	3	3	3	7
Average	1	2	1	1	1	2	8	16	5	2	1	2	4

BASELINE
Sixth Water Creek below Sixth Water Aqueduct - Total Flow
Location #2
Water Year Monthly Summary
(Acre-Feet)

2a

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1,022	353	368	261	322	506	4,672	9,951	22,807	15,246	12,461	7,307	75,300
1931	338	522	1,038	277	292	368	3,413	16,153	22,031	17,800	8,900	3,700	74,800
1932	746	261	322	261	292	246	774	12,290	12,530	19,122	14,192	5,815	66,900
1933	1,661	392	422	361	300	361	484	1,104	14,636	17,199	10,907	5,892	53,700
1934	1,777	246	346	261	331	200	2,700	7,700	5,100	4,600	3,146	1,900	28,300
1935	315	277	200	300	200	300	475	1,096	11,552	13,692	9,646	7,177	45,200
1936	561	231	400	300	300	407	1,340	6,508	14,684	8,114	8,177	5,092	46,100
1937	3,392	377	346	300	392	530	1,150	4,291	11,421	10,899	13,292	7,361	53,700
1938	2,492	392	377	377	361	514	943	1,832	20,645	13,553	11,607	5,692	58,800
1939	3,592	377	392	377	331	560	3,028	13,591	13,000	18,800	12,300	5,831	72,200
1940	792	261	346	346	277	438	652	10,190	20,277	10,677	9,146	2,161	55,600
1941	1,546	361	261	361	277	407	506	2,343	10,745	13,168	8,900	7,892	46,800
1942	1,307	322	377	346	277	392	943	1,004	15,475	16,653	11,846	6,992	55,900
1943	2,692	322	292	361	322	422	1,936	9,352	7,253	17,092	11,700	8,231	60,000
1944	3,177	277	261	300	277	407	621	1,310	7,798	21,599	15,261	8,307	59,600
1945	2,822	307	346	346	277	407	606	2,142	9,545	20,792	5,753	8,207	51,500
1946	2,907	407	361	361	292	438	1,187	8,397	21,068	17,222	10,461	8,692	71,800
1947	1,892	407	361	377	377	453	744	6,412	4,584	21,768	14,377	10,146	61,900
1948	3,677	377	361	377	377	407	744	7,465	14,984	20,800	13,900	10,815	74,300
1949	1,692	392	377	300	361	422	1,412	1,872	16,267	17,568	17,177	8,307	66,100
1950	3,038	422	377	361	392	438	1,043	3,203	16,967	14,699	18,807	12,407	72,200
1951	638	453	407	361	392	438	1,227	2,525	16,537	21,800	15,531	10,907	71,200
1952	2,107	438	407	392	392	422	2,243	3,751	6,178	14,845	11,168	11,438	53,800
1953	7,853	2,445	599	507	422	553	2,013	4,705	19,721	20,353	14,607	10,092	83,900
1954	2,638	522	407	507	392	507	2,260	12,730	19,831	17,500	18,000	4,892	80,200
1955	2,577	392	377	392	377	392	599	2,828	19,246	23,577	14,361	7,715	72,800
1956	1,861	346	377	392	346	468	1,066	5,873	21,131	18,484	17,545	8,538	76,400
1957	1,077	377	377	392	407	422	706	1,639	6,050	22,168	16,877	10,692	61,200
1958	3,022	422	392	392	407	507	844	2,330	17,622	20,200	17,931	5,707	69,800
1959	2,307	392	392	392	377	407	668	12,231	21,631	14,461	11,438	5,161	69,900
1960	1,561	361	346	377	392	507	1,284	10,614	23,900	19,500	15,900	4,400	79,100
1961	977	377	346	377	346	361	407	13,653	19,000	11,700	5,900	2,461	55,900
1962	361	361	361	361	377	392	1,325	1,502	11,691	13,184	14,700	4,707	49,300
1963	1,507	377	361	392	468	422	499	4,773	5,945	15,653	12,146	3,600	46,100
1964	2,292	392	377	377	361	477	645	2,416	3,713	25,815	16,215	9,392	62,500
1965	1,292	407	422	407	392	438	1,034	2,190	7,087	14,645	11,884	6,253	46,500
1966	1,538	422	392	377	377	538	1,606	9,620	22,277	16,161	16,068	5,853	75,200
1967	1,922	392	377	377	361	438	438	1,111	1,758	22,668	20,322	12,738	62,900
1968	422	392	392	377	392	438	606	1,646	11,397	21,322	11,606	10,821	59,800
1969	2,484	407	407	407	407	468	1,784	4,189	10,433	18,068	19,384	9,674	68,100
1970	1,800	407	407	407	392	422	545	2,542	10,138	20,760	21,743	7,068	66,600
1971	1,500	422	392	407	392	453	1,111	4,339	14,092	22,650	21,357	2,365	69,500
1972	446	392	422	407	407	392	453	14,237	16,858	20,612	16,091	4,335	75,100
1973	377	407	392	392	377	422	836	3,284	9,580	20,789	18,398	4,701	60,000
Average	1,900	420	390	370	350	430	1,200	5,700	13,800	17,500	13,700	7,100	62,900

BASELINE
Sixth Water Creek below Sixth Water Aqueduct - Total Flow
Location #2
Water Year Monthly Summary
(cfs)

(2a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	17	6	6	4	6	8	79	162	384	248	203	123	104
1931	6	9	17	5	5	6	57	263	371	290	145	62	103
1932	12	4	5	4	5	4	13	200	211	312	231	98	92
1933	27	7	7	6	5	6	8	18	246	280	178	99	74
1934	29	4	6	4	6	3	45	125	86	75	51	32	39
1935	5	5	3	5	4	5	8	18	194	223	157	121	62
1936	9	4	7	5	5	7	23	106	247	132	133	86	64
1937	55	6	6	5	7	9	19	70	192	178	217	124	74
1938	41	7	6	6	7	8	16	30	348	221	189	96	81
1939	59	6	6	6	6	9	51	221	219	306	200	98	99
1940	13	4	6	6	5	7	11	166	341	174	149	36	77
1941	25	6	4	6	5	7	9	38	181	215	145	133	64
1942	21	5	6	6	5	6	16	16	261	271	193	118	77
1943	44	5	5	6	6	7	33	152	122	278	191	139	82
1944	52	5	4	5	5	7	10	21	131	352	249	140	82
1945	46	5	6	6	5	7	10	35	161	339	94	138	71
1946	47	7	6	6	5	7	20	137	355	281	170	146	99
1947	31	7	6	6	7	7	13	104	77	355	234	171	85
1948	60	6	6	6	7	7	13	122	252	339	226	182	102
1949	28	7	6	5	7	7	24	31	274	286	280	140	91
1950	49	7	6	6	7	7	18	52	286	239	306	209	99
1951	10	8	7	6	7	7	21	41	278	355	253	184	98
1952	34	7	7	6	7	7	38	61	104	242	182	193	74
1953	128	41	10	8	8	9	34	77	332	332	238	170	115
1954	43	9	7	8	7	8	38	207	334	285	293	82	110
1955	42	7	6	6	7	6	10	46	324	384	234	130	100
1956	30	6	6	6	6	8	18	96	356	301	286	144	105
1957	18	6	6	6	7	7	12	27	102	361	275	180	84
1958	49	7	6	6	7	8	14	38	297	329	292	96	96
1959	38	7	6	6	7	7	11	199	364	236	186	87	96
1960	25	6	6	6	7	8	22	173	402	318	259	74	109
1961	16	6	6	6	6	7	22	222	320	191	96	41	77
1962	6	6	6	6	7	6	22	24	197	215	239	79	68
1963	25	6	6	6	8	7	8	78	100	255	198	61	63
1964	37	7	6	6	6	8	11	39	63	421	264	158	85
1965	21	7	7	7	7	7	17	36	119	239	194	105	64
1966	25	7	6	6	7	9	27	157	375	263	262	99	104
1967	31	7	6	6	7	7	7	18	30	369	331	214	86
1968	7	7	6	6	7	7	10	27	192	347	189	182	82
1969	40	7	7	7	7	8	30	68	176	294	316	163	94
1970	29	7	7	7	7	7	9	41	171	338	354	119	91
1971	24	7	6	7	7	7	19	71	237	369	348	40	95
1972	7	7	7	7	7	6	8	232	284	336	262	73	103
1973	6	7	6	6	7	7	14	53	161	339	300	79	82
Average	31	7	6	6	6	7	20	94	233	284	223	119	86

BASELINE
Sixth Water Creek - Water Releases from Sixth Water Aqueduct
Location #2
Water Year Monthly Summary
(Acre-Feet)

(2b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual	
1930	700	0	0	0	0	0	3,500	9,100	22,400	14,900	12,100	6,800	69,500	
1931	0	200	700	0	0	0	2,600	15,600	21,600	17,500	8,600	3,400	70,200	
1932	700	0	0	0	0	0	0	11,500	11,500	18,600	13,900	5,700	61,900	
1933	1,300	100	100	100	100	100	100	200	13,800	16,700	10,500	5,500	48,600	
1934	1,500	0	200	0	200	0	2,500	7,500	4,900	4,400	2,900	1,600	25,700	
1935	300	0	0	100	0	100	0	100	10,900	13,300	9,400	6,800	41,000	
1936	200	0	100	100	100	100	100	4,900	14,200	7,600	7,800	4,700	39,900	
1937	3,000	0	0	0	0	0	100	2,300	10,700	10,400	12,900	7,000	46,400	
1938	2,100	0	0	0	0	0	0	300	20,000	13,000	11,200	5,300	51,900	
1939	3,200	0	0	0	0	0	2,200	12,900	12,700	18,500	12,100	5,600	67,200	
1940	500	0	100	0	0	0	0	9,400	19,900	10,300	8,800	1,800	50,800	
1941	1,200	0	0	100	0	0	0	1,400	10,200	12,700	8,600	7,600	41,800	
1942	1,000	0	100	0	0	0	100	0	14,900	16,200	11,500	6,700	50,500	
1943	2,400	0	0	0	0	0	1,200	8,700	6,900	16,700	11,400	8,000	55,300	
1944	2,900	0	0	0	0	0	0	0	7,100	21,100	14,900	8,000	54,000	
1945	2,500	0	100	0	0	0	0	1,000	9,000	20,400	5,300	7,800	46,100	
1946	2,500	100	0	0	0	0	0	7,500	20,600	16,800	10,100	8,300	65,900	
1947	1,500	0	0	0	0	0	0	5,500	4,000	21,300	14,000	9,800	56,100	
1948	3,300	0	0	0	0	0	0	6,300	14,500	20,500	13,600	10,500	68,700	
1949	1,400	0	0	0	0	0	500	600	15,600	17,000	16,800	7,900	59,800	
1950	2,600	0	0	0	0	0	100	1,900	16,300	14,100	18,400	12,000	65,400	
1951	200	0	0	0	0	0	200	1,100	15,900	21,500	15,200	10,500	64,600	
1952	1,700	0	0	0	0	0	0	0	4,600	14,200	10,600	10,900	42,000	
1953	7,300	1,900	0	0	0	0	1,200	3,800	19,000	19,900	14,200	9,700	77,000	
1954	2,100	100	0	100	0	100	1,600	12,100	19,500	17,200	17,700	4,500	75,000	
1955	2,200	0	0	0	0	0	0	2,000	18,800	23,200	14,000	7,400	67,600	
1956	1,500	0	0	0	0	0	100	4,800	20,800	18,000	17,000	8,100	70,300	
1957	700	0	0	0	0	0	0	0	4,900	21,700	16,500	10,300	54,100	
1958	2,600	0	0	0	0	0	100	400	17,200	19,900	17,600	5,300	63,100	
1959	1,900	0	0	0	0	0	100	11,800	21,300	14,100	11,000	4,800	65,000	
1960	1,200	0	0	0	0	100	700	10,000	23,600	19,200	15,600	4,100	74,500	
1961	600	0	0	0	0	0	0	13,100	18,700	11,400	5,600	2,100	51,500	
1962	0	0	0	0	0	0	0	0	11,000	12,700	14,400	4,300	42,400	
1963	1,100	0	0	0	0	0	0	3,700	5,400	15,200	11,800	3,300	40,500	
1964	1,900	0	0	0	0	100	100	700	3,000	25,500	15,900	9,000	56,200	
1965	900	0	0	0	0	0	0	0	5,800	14,100	11,400	5,800	38,000	
1966	1,100	0	0	0	0	0	1,000	8,800	21,900	15,800	15,600	5,400	69,600	
1967	1,500	0	0	0	0	0	0	0	700	22,100	19,900	12,300	56,500	
1968	0	0	0	0	0	0	0	0	10,400	20,800	11,000	10,200	52,400	
1969	2,000	0	0	0	0	0	0	1,900	9,600	17,500	18,900	9,200	59,100	
1970	1,500	0	0	0	0	0	0	100	9,300	20,200	21,300	6,600	59,000	
1971	1,200	0	0	0	0	0	0	1,300	13,300	22,100	20,900	1,900	60,700	
1972	100	0	0	0	0	0	0	0	13,600	16,300	20,200	15,700	3,900	69,800
1973	0	0	0	0	0	0	0	0	8,600	20,200	17,900	4,200	50,900	
Average	1,500	50	30	10	10	10	410	4,500	13,200	17,000	13,300	6,700	56,700	

BASELINE
Sixth Water Creek - Water Releases from Sixth Water Aqueduct
Location #2
Water Year Monthly Summary
(cfs)

(2b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	11	0	0	0	0	0	59	148	377	243	197	114	96
1931	0	3	11	0	0	0	44	254	364	285	140	57	97
1932	11	0	0	0	0	0	0	187	194	303	226	96	85
1933	21	2	2	2	2	2	2	3	232	272	171	93	67
1934	24	0	3	0	4	0	42	122	82	72	47	27	35
1935	5	0	0	2	0	2	0	2	184	217	153	114	56
1936	3	0	2	2	2	2	2	80	239	124	127	79	55
1937	49	0	0	0	0	0	2	37	180	169	210	118	64
1938	34	0	0	0	0	0	0	5	337	212	182	89	72
1939	52	0	0	0	0	0	37	210	214	301	197	94	92
1940	8	0	2	0	0	0	0	153	335	168	143	30	70
1941	20	0	0	2	0	0	0	23	172	207	140	128	58
1942	16	0	2	0	0	0	2	0	251	264	187	113	70
1943	39	0	0	0	0	0	20	142	116	272	186	135	76
1944	47	0	0	0	0	0	0	0	120	344	243	135	74
1945	41	0	2	0	0	0	0	16	152	332	86	131	63
1946	41	2	0	0	0	0	0	122	347	274	165	140	91
1947	24	0	0	0	0	0	0	90	67	347	228	165	77
1948	54	0	0	0	0	0	0	103	244	334	222	177	94
1949	23	0	0	0	0	0	8	10	263	277	274	133	82
1950	42	0	0	0	0	0	2	31	274	230	300	202	90
1951	3	0	0	0	0	0	3	18	268	350	248	177	89
1952	28	0	0	0	0	0	0	0	77	231	173	184	58
1953	119	32	0	0	0	0	20	62	320	324	231	163	106
1954	34	2	0	2	0	2	27	197	328	280	288	76	103
1955	36	0	0	0	0	0	0	33	316	378	228	125	93
1956	24	0	0	0	0	0	2	78	350	293	277	136	97
1957	11	0	0	0	0	0	0	0	82	354	269	173	74
1958	42	0	0	0	0	0	2	7	290	324	287	89	87
1959	31	0	0	0	0	0	2	192	359	230	179	81	89
1960	20	0	0	0	0	2	12	163	397	313	254	69	102
1961	10	0	0	0	0	0	0	213	315	186	91	35	71
1962	0	0	0	0	0	0	0	0	185	207	235	72	58
1963	18	0	0	0	0	0	0	60	91	248	192	56	55
1964	31	0	0	0	0	2	2	11	51	415	259	152	77
1965	15	0	0	0	0	0	0	0	98	230	186	98	52
1966	18	0	0	0	0	0	17	143	369	257	254	91	96
1967	24	0	0	0	0	0	0	0	12	360	324	207	77
1968	0	0	0	0	0	0	0	0	175	339	179	172	72
1969	33	0	0	0	0	0	0	31	162	285	308	155	81
1970	24	0	0	0	0	0	0	2	157	329	347	111	81
1971	20	0	0	0	0	0	0	21	224	360	341	32	83
1972	2	0	0	0	0	0	0	222	274	329	256	66	96
1973	0	0	0	0	0	0	0	0	145	329	292	71	70
Average	25	1	1	0	0	0	7	73	222	277	216	113	78

BASELINE
Sixth Water Creek below Fifth Water Creek - Total Flow
Location #3
Water Year Monthly Summary
(Acre-Feet)

(3a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1,236	619	661	368	536	1,039	6,191	10,910	22,994	15,326	12,568	7,494	79,900
1931	577	736	1,277	410	452	661	4,132	16,419	22,084	17,800	8,900	3,700	77,100
1932	826	368	536	368	452	326	1,600	13,142	12,929	19,336	14,352	5,842	70,100
1933	1,768	552	636	468	300	468	803	2,329	15,568	17,545	11,094	6,052	57,600
1934	1,910	326	426	368	384	200	2,700	7,700	5,100	4,600	3,226	1,900	28,800
1935	342	410	200	300	200	300	955	2,481	12,165	13,852	9,726	7,310	48,200
1936	668	284	400	300	300	594	3,152	8,958	15,003	8,487	8,310	5,252	51,700
1937	3,552	510	426	300	552	929	2,455	7,062	11,981	11,245	13,452	7,468	59,900
1938	2,652	552	510	510	468	887	2,061	3,804	21,071	13,819	11,794	5,852	64,000
1939	3,752	510	552	510	384	1,013	3,774	14,097	13,000	18,800	12,300	5,884	74,600
1940	952	368	426	426	410	677	1,265	11,042	20,410	10,810	9,226	2,268	58,300
1941	1,626	468	368	468	410	594	1,039	3,461	11,171	13,461	8,900	8,052	50,000
1942	1,494	536	510	426	410	552	2,061	2,229	15,955	16,919	11,926	7,152	60,200
1943	2,852	536	452	468	536	636	2,868	9,965	7,519	17,252	11,700	8,284	63,100
1944	3,310	410	368	300	410	594	1,181	3,068	8,490	21,945	15,368	8,494	63,900
1945	3,036	494	426	426	410	594	1,139	3,607	9,971	20,952	6,019	8,394	55,500
1946	3,094	594	468	468	452	677	2,733	9,436	21,361	17,436	10,568	8,852	76,100
1947	2,052	594	468	510	510	719	1,516	7,478	4,903	22,061	14,510	10,226	65,500
1948	3,810	510	468	510	510	594	1,516	8,797	15,303	20,800	13,900	10,842	77,600
1949	1,852	552	510	300	468	636	2,478	3,391	16,907	17,861	17,310	8,494	70,800
1950	3,277	636	510	468	552	677	2,161	4,774	17,607	15,045	18,994	12,594	77,300
1951	877	719	594	468	552	677	2,320	4,310	17,123	21,800	15,584	11,094	76,100
1952	2,294	677	594	552	552	636	5,626	9,585	8,229	15,271	11,461	11,677	67,200
1953	8,119	2,871	945	694	636	819	2,732	5,584	20,281	20,619	14,794	10,252	88,300
1954	2,877	736	594	694	552	694	2,713	13,129	19,884	17,500	18,000	5,052	82,400
1955	2,710	552	510	552	510	552	945	3,574	19,326	23,710	14,468	7,742	75,100
1956	1,968	426	510	552	426	761	2,052	7,045	21,184	18,803	17,971	8,777	80,500
1957	1,210	510	510	552	594	636	1,239	3,797	7,355	22,461	17,010	10,852	66,700
1958	3,236	636	552	552	594	694	1,616	4,994	17,836	20,200	17,984	5,894	74,800
1959	2,494	552	552	552	510	594	961	12,284	21,684	14,568	11,677	5,268	71,700
1960	1,668	468	426	510	552	694	1,603	10,987	23,900	19,500	15,900	4,400	80,600
1961	1,110	510	426	510	426	468	594	13,919	19,000	11,700	5,900	2,568	57,100
1962	468	468	468	468	510	552	3,110	3,420	12,197	13,503	14,700	4,894	54,800
1963	1,694	510	468	552	761	636	845	5,945	6,371	15,919	12,226	3,600	49,500
1964	2,452	552	510	510	468	610	1,071	4,707	4,432	25,842	16,242	9,552	66,900
1965	1,452	594	636	594	552	677	2,313	5,307	8,633	15,071	12,203	6,519	54,500
1966	1,777	636	552	510	510	777	2,139	10,526	22,410	16,268	16,361	6,119	78,600
1967	2,136	552	510	510	468	677	677	2,523	2,903	22,961	20,536	12,977	67,400
1968	636	552	552	510	552	677	1,139	3,991	12,436	21,536	12,139	11,381	66,100
1969	2,803	594	594	594	594	761	4,368	7,652	11,186	18,361	19,703	9,977	77,200
1970	1,800	594	594	594	552	636	971	6,272	10,902	21,037	21,991	7,360	73,300
1971	1,500	636	552	594	552	719	2,523	9,107	14,774	22,910	21,630	2,651	78,100
1972	526	552	636	594	594	552	719	14,823	17,134	20,806	16,250	4,569	77,800
1973	510	594	552	552	510	636	1,768	8,478	10,591	21,119	18,743	5,051	69,100
Average	2,100	590	530	490	490	650	2,100	7,400	14,300	17,700	13,800	7,200	67,400

BASELINE
Sixth Water Creek below Fifth Water Creek - Total Flow
Location #3
Water Year Monthly Summary
(cfs)

(3a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	20	10	11	6	10	17	104	178	387	250	205	126	110
1931	9	12	21	7	8	11	70	268	372	290	145	62	106
1932	13	6	9	6	8	5	27	214	218	315	234	98	96
1933	29	9	10	8	5	8	14	38	262	286	181	102	79
1934	31	5	7	6	7	3	45	125	86	75	53	32	40
1935	6	7	3	5	4	5	16	40	205	226	158	123	66
1936	11	5	7	5	5	10	53	146	253	138	135	88	71
1937	58	9	7	5	10	15	41	115	202	183	219	126	82
1938	43	9	8	8	8	14	35	62	355	225	192	99	88
1939	61	9	9	8	7	17	64	230	219	306	200	99	102
1940	16	6	7	7	7	11	21	180	344	176	150	38	80
1941	26	8	6	8	7	10	17	56	188	219	145	136	69
1942	24	9	8	7	7	9	35	36	269	276	194	120	83
1943	46	9	7	8	10	10	48	162	127	281	191	139	87
1944	54	7	6	5	7	10	20	50	143	358	250	143	88
1945	49	8	7	7	7	10	19	59	168	341	98	141	76
1946	50	10	8	8	8	11	46	154	360	284	172	149	105
1947	33	10	8	8	9	12	26	122	83	359	236	172	90
1948	62	9	8	8	9	10	26	143	258	339	226	183	107
1949	30	9	8	5	8	10	42	55	285	291	282	143	97
1950	53	11	8	8	10	11	36	78	296	245	309	212	107
1951	14	12	10	8	10	11	39	70	288	355	254	187	105
1952	37	11	10	9	10	10	95	156	139	249	187	197	92
1953	132	48	15	11	11	13	46	91	341	336	241	173	122
1954	47	12	10	11	10	11	46	214	335	285	293	85	113
1955	44	9	8	9	9	9	16	58	325	386	236	130	103
1956	32	7	8	9	7	12	35	115	357	306	293	148	111
1957	20	9	8	9	11	10	21	62	124	366	277	183	92
1958	53	11	9	9	11	11	27	81	300	329	293	99	103
1959	41	9	9	9	9	10	16	200	365	237	190	89	99
1960	27	8	7	8	10	11	27	179	402	318	259	74	111
1961	18	9	7	8	8	8	10	227	320	191	96	43	79
1962	8	8	8	8	9	9	52	56	205	220	239	82	75
1963	28	9	8	9	14	10	14	97	107	259	199	61	68
1964	40	9	8	8	8	10	18	77	75	421	265	161	92
1965	24	10	10	10	10	11	39	86	145	246	199	110	75
1966	29	11	9	8	9	13	36	171	377	265	267	103	108
1967	35	9	8	8	8	11	11	41	49	374	335	218	92
1968	10	9	9	8	10	11	19	65	209	351	198	192	91
1969	46	10	10	10	11	12	74	125	188	299	321	168	106
1970	29	10	10	10	10	10	16	102	184	343	358	124	100
1971	24	11	9	10	10	12	42	148	249	373	352	45	107
1972	9	9	10	10	10	9	12	241	288	339	265	77	107
1973	8	10	9	9	9	10	30	138	178	344	305	85	95
Average	34	10	9	8	9	11	35	121	242	288	225	122	93

BASELINE
Sixth Water Creek - Natural Flow Gains, Sixth Water Aqueduct to below Fifth Water Creek
Location #3
Water Year Monthly Summary
(Acre-Feet)

(3b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	213	266	293	107	213	533	1518	959	186	80	107	186	4,700
1931	240	213	240	133	160	293	719	266	53	0	0	0	2,300
1932	80	107	213	107	160	80	826	852	400	213	160	27	3,200
1933	107	160	213	107	0	107	320	1225	932	346	186	160	3,900
1934	133	80	80	107	53	0	0	0	0	0	80	0	530
1935	27	133	0	0	0	0	480	1385	613	160	80	133	3,000
1936	107	53	0	0	0	186	1812	2451	320	373	133	160	5,600
1937	160	133	80	0	160	400	1305	2771	559	346	160	107	6,200
1938	160	160	133	133	107	373	1119	1971	426	266	186	160	5,200
1939	160	133	160	133	53	453	746	506	0	0	0	53	2,400
1940	160	107	80	80	133	240	613	852	133	133	80	107	2,700
1941	80	107	107	107	133	186	533	1119	426	293	0	160	3,300
1942	186	213	133	80	133	160	1119	1225	480	266	80	160	4,200
1943	160	213	160	107	213	213	932	613	266	160	0	53	3,100
1944	133	133	107	0	133	186	559	1758	693	346	107	186	4,300
1945	213	186	80	80	133	186	533	1465	426	160	266	186	3,900
1946	186	186	107	107	160	240	1545	1039	293	213	107	160	4,300
1947	160	186	107	133	133	266	773	1066	320	293	133	80	3,600
1948	133	133	107	133	133	186	773	1332	320	0	0	27	3,300
1949	160	160	133	0	107	213	1066	1518	639	293	133	186	4,600
1950	240	213	133	107	160	240	1119	1572	639	346	186	186	5,100
1951	240	266	186	107	160	240	1092	1785	586	0	53	186	4,900
1952	186	240	186	160	160	213	3383	5834	2051	426	293	240	13,400
1953	266	426	346	186	213	266	719	879	559	266	186	160	4,500
1954	240	213	186	186	160	186	453	400	53	0	0	160	2,200
1955	133	160	133	160	133	160	346	746	80	133	107	27	2,300
1956	107	80	133	160	80	293	986	1172	53	320	426	240	4,000
1957	133	133	133	160	186	213	533	2158	1305	293	133	160	5,500
1958	213	213	160	160	186	186	773	2664	213	0	53	186	5,000
1959	186	160	160	160	133	186	293	53	53	107	240	107	1,800
1960	107	107	80	133	160	186	320	373	0	0	0	0	1,500
1961	133	133	80	133	80	107	186	266	0	0	0	107	1,200
1962	107	107	107	107	133	160	1785	1918	506	320	0	186	5,400
1963	186	133	107	160	293	213	346	1172	426	266	80	0	3,400
1964	160	160	133	133	107	133	426	2291	719	27	27	160	4,500
1965	160	186	213	186	160	240	1279	3117	1545	426	320	266	8,100
1966	240	213	160	133	133	240	533	906	133	107	293	266	3,400
1967	213	160	133	133	107	240	240	1412	1146	293	213	240	4,500
1968	213	160	160	133	160	240	533	2344	1039	213	533	559	6,300
1969	320	186	186	186	186	293	2584	3463	754	293	320	303	9,100
1970	0	186	186	186	160	213	426	3730	763	278	248	292	6,700
1971	0	213	160	186	160	266	1412	4769	682	261	273	286	8,700
1972	80	160	213	186	186	160	266	586	276	194	159	235	2,700
1973	133	186	160	160	133	213	932	5195	1010	329	345	350	9,100
Average	160	170	140	120	140	220	870	1,700	500	200	150	160	4,500

BASELINE
Sixth Water Creek - Natural Flow Gains, Sixth Water Aqueduct to below Fifth Water Creek
Location #3
Water Year Monthly Summary
(cfs)

(3b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	3	4	5	2	4	9	26	16	3	1	2	3	6
1931	4	4	4	2	3	5	12	4	1	0	0	0	3
1932	1	2	3	2	3	1	14	14	7	3	3	0	4
1933	2	3	3	2	0	2	5	20	16	6	3	3	5
1934	2	1	1	2	1	0	0	0	0	0	1	0	1
1935	0	2	0	0	0	0	8	23	10	3	1	2	4
1936	2	1	0	0	0	3	30	40	5	6	2	3	8
1937	3	2	1	0	3	7	22	45	9	6	3	2	9
1938	3	3	2	2	2	6	19	32	7	4	3	3	7
1939	3	2	3	2	1	7	13	8	0	0	0	1	3
1940	3	2	1	1	2	4	10	14	2	2	1	2	4
1941	1	2	2	2	2	3	9	18	7	5	0	3	4
1942	3	4	2	1	2	3	19	20	8	4	1	3	6
1943	3	4	3	2	4	3	16	10	4	3	0	1	4
1944	2	2	2	0	2	3	9	29	12	6	2	3	6
1945	3	3	1	1	2	3	9	24	7	3	4	3	5
1946	3	3	2	2	3	4	26	17	5	3	2	3	6
1947	3	3	2	2	2	4	13	17	5	5	2	1	5
1948	2	2	2	2	2	3	13	22	5	0	0	0	5
1949	3	3	2	0	2	3	18	25	11	5	2	3	6
1950	4	4	2	2	3	4	19	26	11	6	3	3	7
1951	4	4	3	2	3	4	18	29	10	0	1	3	7
1952	3	4	3	3	3	3	57	95	35	7	5	4	18
1953	4	7	6	3	4	4	12	14	9	4	3	3	6
1954	4	4	3	3	3	3	8	7	1	0	0	3	3
1955	2	3	2	3	2	3	6	12	1	2	2	0	3
1956	2	1	2	3	1	5	17	19	1	5	7	4	6
1957	2	2	2	3	3	3	9	35	22	5	2	3	8
1958	3	4	3	3	3	3	13	43	4	0	1	3	7
1959	3	3	3	3	2	3	5	1	1	2	4	2	3
1960	2	2	1	2	3	3	5	6	0	0	0	0	2
1961	2	2	1	2	1	2	3	4	0	0	0	0	2
1962	2	2	2	2	2	3	30	31	9	5	0	3	8
1963	3	2	2	3	5	3	6	19	7	4	1	0	5
1964	3	3	2	2	2	2	7	37	12	0	0	3	6
1965	3	3	3	3	3	4	22	51	26	7	5	4	11
1966	4	4	3	2	2	4	9	15	2	2	5	4	5
1967	3	3	2	2	2	4	4	23	19	5	3	4	6
1968	3	3	3	2	3	4	9	38	17	3	9	9	9
1969	5	3	3	3	3	5	44	56	13	5	5	5	13
1970	0	3	3	3	3	3	7	61	13	5	4	5	9
1971	0	4	3	3	3	4	24	78	11	4	4	5	12
1972	1	3	3	3	3	3	4	10	5	3	3	4	4
1973	2	3	3	3	2	3	16	85	17	5	6	6	13
Average	3	3	2	2	2	4	15	27	8	3	2	3	6

BASELINE
Diamond Fork Creek below Three Forks - Total Flow
Location #4
Water Year Monthly Summary
(Acre-Feet)

(4a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1,700	1,200	1,300	600	1,000	2,200	9,500	13,000	23,400	15,500	12,800	7,900	90,100
1931	1,100	1,200	1,800	700	800	1,300	5,700	17,000	22,200	17,800	8,900	3,700	82,200
1932	1,000	600	1,000	600	800	500	3,400	15,000	13,800	19,800	14,700	5,900	77,100
1933	2,000	900	1,100	700	300	700	1,500	5,000	17,600	18,300	11,500	6,400	66,000
1934	2,200	500	600	600	500	200	2,700	7,700	5,100	4,600	3,400	1,900	30,000
1935	400	700	200	300	200	300	2,000	5,500	13,500	14,200	9,900	7,600	54,800
1936	900	400	400	300	300	1,000	7,100	14,300	15,700	9,300	8,600	5,600	63,900
1937	3,900	800	600	300	900	1,800	5,300	13,100	13,200	12,000	13,800	7,700	73,400
1938	3,000	900	800	800	700	1,700	4,500	8,100	22,000	14,400	12,200	6,200	75,300
1939	4,100	800	900	800	500	2,000	5,400	15,200	13,000	18,800	12,300	6,000	79,800
1940	1,300	600	600	600	700	1,200	2,600	12,900	20,700	11,100	9,400	2,500	64,200
1941	1,800	700	600	700	700	1,000	2,200	5,900	12,100	14,100	8,900	8,400	57,100
1942	1,900	1,000	800	600	700	900	4,500	4,900	17,000	17,500	12,100	7,500	69,400
1943	3,200	1,000	800	700	1,000	1,100	4,900	11,300	8,100	17,600	11,700	8,400	69,800
1944	3,600	700	600	300	700	1,000	2,400	6,900	10,000	22,700	15,600	8,900	73,400
1945	3,500	900	600	600	700	1,000	2,300	6,800	10,900	21,300	6,600	8,800	64,000
1946	3,500	1,000	700	700	800	1,200	6,100	11,700	22,000	17,900	10,800	9,200	85,600
1947	2,400	1,000	700	800	800	1,300	3,200	9,800	5,600	22,700	14,800	10,400	73,500
1948	4,100	800	700	800	800	1,000	3,200	11,700	16,000	20,800	13,900	10,900	84,700
1949	2,200	900	800	300	700	1,100	4,800	6,700	18,300	18,500	17,600	8,900	80,800
1950	3,800	1,100	800	700	900	1,200	4,600	8,200	19,000	15,800	19,400	13,000	88,500
1951	1,400	1,300	1,000	700	900	1,200	4,700	8,200	18,400	21,800	15,700	11,500	86,800
1952	2,700	1,200	1,000	900	900	1,100	13,000	22,300	12,700	16,200	12,100	12,200	96,300
1953	8,700	3,800	1,700	1,100	1,100	1,400	4,300	7,500	21,500	21,200	15,200	10,600	98,100
1954	3,400	1,200	1,000	1,100	900	1,100	3,700	14,000	20,000	17,500	18,000	5,400	87,300
1955	3,000	900	800	900	800	900	1,700	5,200	19,500	24,000	14,700	7,800	80,200
1956	2,200	600	800	900	600	1,400	4,200	9,600	21,300	19,500	18,900	9,300	89,300
1957	1,500	800	800	900	1,000	1,100	2,400	8,500	10,200	23,100	17,300	11,200	78,800
1958	3,700	1,100	900	900	1,000	1,100	3,300	10,800	18,300	20,200	18,100	6,300	85,700
1959	2,900	900	900	900	800	1,000	1,600	12,400	21,800	14,800	12,200	5,500	75,700
1960	1,900	700	600	800	900	1,100	2,300	11,800	23,900	19,500	15,900	4,400	83,800
1961	1,400	800	600	800	600	700	1,000	14,500	19,000	11,700	5,900	2,800	59,800
1962	700	700	700	700	800	900	7,000	7,600	13,300	14,200	14,700	5,300	66,600
1963	2,100	800	700	900	1,400	1,100	1,600	8,500	7,300	16,500	12,400	3,600	56,900
1964	2,800	900	800	800	700	900	2,000	9,700	6,000	25,900	16,300	9,900	76,700
1965	1,800	1,000	1,100	1,000	900	1,200	5,100	12,100	12,000	16,000	12,900	7,100	72,200
1966	2,300	1,100	900	800	800	1,300	3,300	12,500	22,700	16,500	17,000	6,700	85,900
1967	2,600	900	800	800	700	1,200	1,200	5,600	5,400	23,600	21,000	13,500	77,300
1968	1,100	900	900	800	900	1,200	2,300	9,100	14,700	22,000	13,300	12,600	79,800
1969	3,500	1,000	1,000	1,000	1,000	1,400	10,000	15,200	12,830	19,000	20,400	10,640	97,000
1970	1,800	1,000	1,000	1,000	900	1,100	1,900	14,400	12,570	21,640	22,530	8,000	87,800
1971	1,500	1,100	900	1,000	900	1,300	5,600	19,500	16,260	23,480	22,230	3,280	97,100
1972	700	900	1,100	1,000	1,000	900	1,300	16,100	17,730	21,230	16,600	5,080	83,600
1973	800	1,000	900	900	800	1,100	3,800	19,800	12,790	21,840	19,500	5,810	89,000
Average	2,400	960	850	750	790	1,100	4,000	11,000	15,400	18,100	14,100	7,600	77,200

BASELINE
Diamond Fork Creek below Three Forks - Total Flow
Location #4
Water Year Monthly Summary
(cfs)

(4a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	28	20	21	10	18	36	160	212	394	253	209	133	124
1931	18	20	29	11	14	21	96	277	374	290	145	62	113
1932	16	10	16	10	14	8	57	244	232	323	239	99	106
1933	33	15	18	11	5	11	25	81	296	298	187	108	91
1934	36	8	10	10	9	3	45	125	86	75	55	32	41
1935	7	12	3	5	4	5	34	90	227	231	161	128	76
1936	15	7	7	5	5	16	120	233	264	152	140	94	88
1937	64	13	10	5	16	29	89	213	222	196	225	130	101
1938	49	15	13	13	13	28	76	132	370	235	199	104	104
1939	67	13	15	13	9	33	91	248	219	306	200	101	110
1940	21	10	10	10	12	20	44	210	348	181	153	42	88
1941	29	12	10	11	13	16	37	96	204	230	145	141	79
1942	31	17	13	10	13	15	76	80	286	285	197	126	96
1943	52	17	13	11	18	18	82	184	136	287	191	141	96
1944	59	12	10	5	12	16	40	112	168	370	254	150	101
1945	57	15	10	10	13	16	39	111	184	347	108	148	88
1946	57	17	11	11	14	20	103	191	370	292	176	155	118
1947	39	17	11	13	14	21	54	160	94	370	241	175	101
1948	67	13	11	13	14	16	54	191	269	339	226	184	116
1949	36	15	13	5	13	18	81	109	308	301	287	150	111
1950	62	19	13	11	16	20	77	134	320	257	316	219	122
1951	23	22	16	11	16	20	79	134	310	355	256	194	120
1952	44	20	16	15	16	18	219	363	214	264	197	205	133
1953	142	64	28	18	20	23	72	122	362	345	248	178	135
1954	55	20	16	18	16	18	62	228	337	285	293	91	120
1955	49	15	13	15	14	15	29	85	328	391	239	131	110
1956	36	10	13	15	10	23	71	156	359	318	308	157	123
1957	24	13	13	15	18	18	40	138	172	376	282	189	108
1958	60	19	15	15	18	18	56	176	308	329	295	106	118
1959	47	15	15	15	14	16	27	202	367	241	199	93	104
1960	31	12	10	13	16	18	39	192	402	318	259	74	115
1961	23	13	10	13	11	11	17	236	320	191	96	47	82
1962	11	12	11	11	14	15	118	124	224	231	239	89	92
1963	34	13	11	15	25	18	27	138	123	269	202	61	78
1964	46	15	13	13	12	15	34	158	101	422	266	167	105
1965	29	17	18	16	16	20	86	197	202	261	210	120	99
1966	37	19	15	13	14	21	56	204	382	269	277	113	118
1967	42	15	13	13	13	20	20	91	91	384	342	227	106
1968	18	15	15	13	16	20	39	148	247	358	217	212	110
1969	57	17	16	16	18	23	168	248	216	310	332	179	133
1970	29	17	16	16	16	18	32	235	212	353	367	135	120
1971	24	19	15	16	21	94	318	274	383	362	55	133	
1972	11	15	18	16	17	15	22	262	298	346	270	86	115
1973	13	17	15	15	14	18	64	323	215	356	318	98	122
Average	39	16	14	12	14	18	67	180	260	295	230	128	106

BASELINE
Diamond Fork Creek - Natural Flow Gains above Three Forks
Location #4
Water Year Monthly Summary
(Acre-Feet)

(4b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	464	581	639	232	464	1161	3309	2090	406	174	232	406	10,200
1931	523	464	523	290	348	639	1568	581	116	0	0	0	5,100
1932	174	232	464	232	348	174	1800	1858	871	464	348	58	7,000
1933	232	348	464	232	0	232	697	2671	2032	755	406	348	8,400
1934	290	174	174	232	116	0	0	0	0	0	174	0	1,200
1935	58	290	0	0	0	0	1045	3019	1335	348	174	290	6,600
1936	232	116	0	0	0	406	3948	5342	697	813	290	348	12,200
1937	348	290	174	0	348	871	2845	6038	1219	755	348	232	13,500
1938	348	348	290	290	232	813	2439	4296	929	581	406	348	11,300
1939	348	290	348	290	116	987	1626	1103	0	0	0	116	5,200
1940	348	232	174	174	290	523	1335	1858	290	290	174	232	5,900
1941	174	232	232	232	290	406	1161	2439	929	639	0	348	7,100
1942	406	464	290	174	290	348	2439	2671	1045	581	174	348	9,200
1943	348	464	348	232	464	464	2032	1335	581	348	0	116	6,700
1944	290	290	232	0	290	406	1219	3832	1510	755	232	406	9,500
1945	464	406	174	174	290	406	1161	3193	929	348	581	406	8,500
1946	406	406	232	232	348	523	3367	2264	639	464	232	348	9,500
1947	348	406	232	290	290	581	1684	2322	697	639	290	174	8,000
1948	290	290	232	290	290	406	1684	2903	697	0	0	58	7,100
1949	348	348	290	0	232	464	2322	3309	1393	639	290	406	10,000
1950	523	464	290	232	348	523	2439	3426	1393	755	406	406	11,200
1951	523	581	406	232	348	523	2380	3890	1277	0	116	406	10,700
1952	406	523	406	348	348	464	7374	12715	4471	929	639	523	29,100
1953	581	929	755	406	464	581	1568	1916	1219	581	406	348	9,800
1954	523	464	406	406	348	406	987	871	116	0	0	348	4,900
1955	290	348	290	348	290	348	755	1626	174	290	232	58	5,100
1956	232	174	290	348	174	639	2148	2555	116	697	929	523	8,800
1957	290	290	290	348	406	464	1161	4703	2845	639	290	348	12,100
1958	464	464	348	348	406	406	1684	5806	464	0	116	406	10,900
1959	406	348	348	348	290	406	639	116	116	232	523	232	4,000
1960	232	232	174	290	348	406	697	813	0	0	0	0	3,200
1961	290	290	174	290	174	232	406	581	0	0	0	232	2,700
1962	232	232	232	232	290	348	3890	4180	1103	697	0	406	11,800
1963	406	290	232	348	639	464	755	2555	929	581	174	0	7,400
1964	348	348	290	290	232	290	929	4993	1568	58	58	348	9,800
1965	348	406	464	406	348	523	2787	6793	3367	929	697	581	17,700
1966	523	464	348	290	290	523	1161	1974	290	232	639	581	7,300
1967	464	348	290	290	232	523	523	3077	2497	639	464	523	9,900
1968	464	348	348	290	348	523	1161	5109	2264	464	1161	1219	13,700
1969	697	406	406	406	406	639	5632	7548	1644	638	697	663	19,800
1970	0	406	406	406	348	464	929	8128	1668	603	539	640	14,500
1971	0	464	348	406	348	581	3077	10393	1486	570	600	629	18,900
1972	174	348	464	406	406	348	581	1277	596	424	350	511	5,900
1973	290	406	348	348	290	464	2032	11322	2199	721	757	759	19,900
Average	340	370	320	270	300	480	1,900	3,600	1,100	440	320	360	9,800

BASELINE
Diamond Fork Creek - Natural Flow Gains above Three Forks
Location #4
Water Year Monthly Summary
(cfs)

(4b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	8	10	10	4	8	19	56	34	7	3	4	7	14
1931	9	8	9	5	6	10	26	9	2	0	0	0	7
1932	3	4	8	4	6	3	30	30	15	8	6	1	10
1933	4	6	8	4	0	4	12	44	34	12	7	6	12
1934	5	3	3	4	2	0	0	0	0	0	3	0	2
1935	1	5	0	0	0	0	18	49	22	6	3	5	9
1936	4	2	0	0	0	7	66	87	12	13	5	6	17
1937	6	5	3	0	6	14	48	98	21	12	6	4	19
1938	6	6	5	5	4	13	41	70	16	9	7	6	16
1939	6	5	6	5	2	16	27	18	0	0	0	2	7
1940	6	4	3	3	5	9	22	30	5	5	3	4	8
1941	3	4	4	4	5	7	20	40	16	10	0	6	10
1942	7	8	5	3	5	6	41	44	18	9	3	6	13
1943	6	8	6	4	8	8	34	22	10	6	0	2	9
1944	5	5	4	0	5	7	21	62	25	12	4	7	13
1945	8	7	3	3	5	7	20	52	16	6	9	7	12
1946	7	7	4	4	6	9	57	37	11	8	4	6	13
1947	6	7	4	5	5	9	28	38	12	10	5	3	11
1948	5	5	4	5	5	7	28	47	12	0	0	1	10
1949	6	6	5	0	4	8	39	54	23	10	5	7	14
1950	9	8	5	4	6	9	41	56	23	12	7	7	15
1951	9	10	7	4	6	9	40	63	22	0	2	7	15
1952	7	9	7	6	6	8	124	207	75	15	10	9	40
1953	9	16	12	7	8	9	26	31	21	9	7	6	13
1954	9	8	7	7	6	7	17	14	2	0	0	6	7
1955	5	6	5	6	5	6	13	26	3	5	4	1	7
1956	4	3	5	6	3	10	36	42	2	11	15	9	12
1957	5	5	5	6	7	8	20	77	48	10	5	6	17
1958	8	8	6	6	7	7	28	95	8	0	2	7	15
1959	7	6	6	6	5	7	11	2	2	4	9	4	6
1960	4	4	3	5	6	7	12	13	0	0	0	0	4
1961	5	5	3	5	3	4	7	9	0	0	0	4	4
1962	4	4	4	4	5	6	65	68	19	11	0	7	16
1963	7	5	4	6	12	8	13	42	16	9	3	0	10
1964	6	6	5	5	4	5	16	81	26	1	1	6	13
1965	6	7	8	7	6	9	47	111	57	15	11	10	24
1966	9	8	6	5	5	9	20	32	5	4	10	10	10
1967	8	6	5	5	4	9	9	50	42	10	8	9	14
1968	8	6	6	5	6	9	20	83	38	8	19	21	19
1969	11	7	7	7	7	10	95	123	28	10	11	11	27
1970	0	7	7	7	6	8	16	132	28	10	9	11	20
1971	0	8	6	7	6	9	52	169	25	9	10	11	26
1972	3	6	8	7	6	10	21	10	7	6	9	8	8
1973	5	7	6	6	5	8	34	184	37	12	12	13	27
Average	6	6	5	4	5	8	32	59	18	7	5	6	14

BASELINE
Diamond Fork Creek below Red Hollow - Total Flow
Location #5
Water Year Monthly Summary
(Acre-Feet)

(5a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1,700	1,200	1,300	600	1,000	2,200	9,500	13,000	23,400	15,500	12,800	7,900	90,100
1931	1,100	1,200	1,800	700	800	1,300	5,700	17,000	22,200	17,800	8,900	3,700	82,200
1932	1,000	600	1,000	600	800	500	3,400	15,000	13,800	19,800	14,700	5,900	77,100
1933	2,000	900	1,100	700	300	700	1,500	5,000	17,600	18,300	11,500	6,400	66,000
1934	2,200	500	600	600	500	200	2,700	7,700	5,100	4,600	3,400	1,900	30,000
1935	400	700	200	300	200	300	2,000	5,500	13,500	14,200	9,900	7,600	54,800
1936	900	400	400	300	300	1,000	7,100	14,300	15,700	9,300	8,600	5,600	63,900
1937	3,900	800	600	300	900	1,800	5,300	13,100	13,200	12,000	13,800	7,700	73,400
1938	3,000	900	800	800	700	1,700	4,500	8,100	22,000	14,400	12,200	6,200	75,300
1939	4,100	800	900	800	500	2,000	5,400	15,200	13,000	18,800	12,300	6,000	79,800
1940	1,300	600	600	600	700	1,200	2,600	12,900	20,700	11,100	9,400	2,500	64,200
1941	1,800	700	600	700	700	1,000	2,200	5,900	12,100	14,100	8,900	8,400	57,100
1942	1,900	1,000	800	600	700	900	4,500	4,900	17,000	17,500	12,100	7,500	69,400
1943	3,200	1,000	800	700	1,000	1,100	4,900	11,300	8,100	17,600	11,700	8,400	69,800
1944	3,600	700	600	300	700	1,000	2,400	6,900	10,000	22,700	15,600	8,900	73,400
1945	3,500	900	600	600	700	1,000	2,300	6,800	10,900	21,300	6,600	8,800	64,000
1946	3,500	1,000	700	700	800	1,200	6,100	11,700	22,000	17,900	10,800	9,200	85,600
1947	2,400	1,000	700	800	800	1,300	3,200	9,800	5,600	22,700	14,800	10,400	73,500
1948	4,100	800	700	800	800	1,000	3,200	11,700	16,000	20,800	13,900	10,900	84,700
1949	2,200	900	800	300	700	1,100	4,800	6,700	18,300	18,500	17,600	8,900	80,800
1950	3,800	1,100	800	700	900	1,200	4,600	8,200	19,000	15,800	19,400	13,000	88,500
1951	1,400	1,300	1,000	700	900	1,200	4,700	8,200	18,400	21,800	15,700	11,500	86,800
1952	2,700	1,200	1,000	900	900	1,100	13,000	22,300	12,700	16,200	12,100	12,200	96,300
1953	8,700	3,800	1,700	1,100	1,100	1,400	4,300	7,500	21,500	21,200	15,200	10,600	98,100
1954	3,400	1,200	1,000	1,100	900	1,100	3,700	14,000	20,000	17,500	18,000	5,400	87,300
1955	3,000	900	800	900	800	900	1,700	5,200	19,500	24,000	14,700	7,800	80,200
1956	2,200	600	800	900	600	1,400	4,200	9,600	21,300	19,500	18,900	9,300	89,300
1957	1,500	800	800	900	1,000	1,100	2,400	8,500	10,200	23,100	17,300	11,200	78,800
1958	3,700	1,100	900	900	1,000	1,100	3,300	10,800	18,300	20,200	18,100	6,300	85,700
1959	2,900	900	900	900	800	1,000	1,600	12,400	21,800	14,800	12,200	5,500	75,700
1960	1,900	700	600	800	900	1,100	2,300	11,800	23,900	19,500	15,900	4,400	83,800
1961	1,400	800	600	800	600	700	1,000	14,500	19,000	11,700	5,900	2,800	59,800
1962	700	700	700	700	800	900	7,000	7,600	13,300	14,200	14,700	5,300	66,600
1963	2,100	800	700	900	1,400	1,100	1,600	8,500	7,300	16,500	12,400	3,600	56,900
1964	2,800	900	800	800	700	900	2,000	9,700	6,000	25,900	16,300	9,900	76,700
1965	1,800	1,000	1,100	1,000	900	1,200	5,100	12,100	12,000	16,000	12,900	7,100	72,200
1966	2,300	1,100	900	800	800	1,300	3,300	12,500	22,700	16,500	17,000	6,700	85,900
1967	2,600	900	800	800	700	1,200	1,200	5,600	5,400	23,600	21,000	13,500	77,300
1968	1,100	900	900	800	900	1,200	2,300	9,100	14,700	22,000	13,300	12,600	79,800
1969	3,500	1,000	1,000	1,000	1,000	1,400	10,000	15,200	12,830	19,000	20,400	10,640	97,000
1970	1,800	1,000	1,000	1,000	900	1,100	1,900	14,400	12,570	21,640	22,530	8,000	87,800
1971	1,500	1,100	900	1,000	900	1,300	5,600	19,500	16,260	23,480	22,230	3,280	97,100
1972	700	900	1,100	1,000	1,000	900	1,300	16,100	17,730	21,230	16,600	5,080	83,600
1973	800	1,000	900	900	800	1,100	3,800	19,800	12,790	21,840	19,500	5,810	89,000
Average	2,400	960	850	750	790	1,100	4,000	11,000	15,400	18,100	14,100	7,600	77,200

BASELINE
Diamond Fork Creek below Red Hollow - Total Flow
Location #5
Water Year Monthly Summary
(cfs)

(5a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	28	20	21	10	18	36	160	212	394	253	209	133	124
1931	18	20	29	11	14	21	96	277	374	290	145	62	113
1932	16	10	16	10	14	8	57	244	232	323	239	99	106
1933	33	15	18	11	5	11	25	81	296	298	187	108	91
1934	36	8	10	10	9	3	45	125	86	75	55	32	41
1935	7	12	3	5	4	5	34	90	227	231	161	128	76
1936	15	7	7	5	5	16	120	233	264	152	140	94	88
1937	64	13	10	5	16	29	89	213	222	196	225	130	101
1938	49	15	13	13	13	28	76	132	370	235	199	104	104
1939	67	13	15	13	9	33	91	248	219	306	200	101	110
1940	21	10	10	10	12	20	44	210	348	181	153	42	88
1941	29	12	10	11	13	16	37	96	204	230	145	141	79
1942	31	17	13	10	13	15	76	80	286	285	197	126	96
1943	52	17	13	11	18	18	82	184	136	287	191	141	96
1944	59	12	10	5	12	16	40	112	168	370	254	150	101
1945	57	15	10	10	13	16	39	111	184	347	108	148	88
1946	57	17	11	11	14	20	103	191	370	292	176	155	118
1947	39	17	11	13	14	21	54	160	94	370	241	175	101
1948	67	13	11	13	14	16	54	191	269	339	226	184	116
1949	36	15	13	5	13	18	81	109	308	301	287	150	111
1950	62	19	13	11	16	20	77	134	320	257	316	219	122
1951	23	22	16	11	16	20	79	134	310	355	256	194	120
1952	44	20	16	15	16	18	219	363	214	264	197	205	133
1953	142	64	28	18	20	23	72	122	362	345	248	178	135
1954	55	20	16	18	16	18	62	228	337	285	293	91	120
1955	49	15	13	15	14	15	29	85	328	391	239	131	110
1956	36	10	13	15	10	23	71	156	359	318	308	157	123
1957	24	13	13	15	18	18	40	138	172	376	282	189	108
1958	60	19	15	15	18	18	56	176	308	329	295	106	118
1959	47	15	15	15	14	16	27	202	367	241	199	93	104
1960	31	12	10	13	16	18	39	192	402	318	259	74	115
1961	23	13	10	13	11	11	17	236	320	191	96	47	82
1962	11	12	11	11	14	15	118	124	224	231	239	89	92
1963	34	13	11	15	25	18	27	138	123	269	202	61	78
1964	46	15	13	13	12	15	34	158	101	422	266	167	105
1965	29	17	18	16	16	20	86	197	202	261	210	120	99
1966	37	19	15	13	14	21	56	204	382	269	277	113	118
1967	42	15	13	13	13	20	20	91	91	384	342	227	106
1968	18	15	15	13	16	20	39	148	247	358	217	212	110
1969	57	17	16	16	18	23	168	248	216	310	332	179	133
1970	29	17	16	16	16	18	32	235	212	353	367	135	120
1971	24	19	15	16	16	21	94	318	274	383	362	55	133
1972	11	15	18	16	17	15	22	262	298	346	270	86	115
1973	13	17	15	15	14	18	64	323	215	356	318	98	122
Average	39	16	14	12	14	18	67	180	260	295	230	128	106

BASELINE
Diamond Fork Creek below Red Hollow - Releases from Diamond Fork Creek Outlet
Location #5
Water Year Monthly Summary
(Acre-Feet)

BASELINE
Diamond Fork Creek below Red Hollow - Releases from Diamond Fork Creek Outlet
Location #5
Water Year Monthly Summary
(cfs)

BASELINE
Spanish Fork River at Castilla Gage - Total Flow
Location #6
Water Year Monthly Summary
(Acre-Feet)

(6a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	5,900	5,700	6,500	4,400	6,300	13,800	26,100	23,500	28,800	18,100	15,500	11,500	166,100
1931	5,600	5,200	6,300	4,400	5,200	8,700	14,000	23,200	25,900	19,900	10,100	5,900	134,400
1932	3,100	3,500	5,100	3,400	5,200	4,600	12,700	24,500	21,800	23,600	18,100	8,300	133,900
1933	4,700	4,400	4,800	3,608	3,007	5,014	6,867	17,768	31,254	24,032	15,189	9,475	130,100
1934	4,951	3,237	3,616	3,253	3,600	3,705	6,016	11,096	7,478	6,228	5,683	3,554	62,400
1935	2,063	2,580	2,755	2,890	3,166	3,610	8,005	19,494	24,149	17,244	12,432	10,304	108,700
1936	3,033	2,943	2,860	3,023	3,255	5,855	27,562	38,608	23,486	15,437	11,764	8,822	146,600
1937	6,978	3,699	3,503	3,620	4,967	10,405	19,644	42,839	23,191	17,796	16,330	10,310	163,300
1938	6,381	4,326	4,185	4,126	4,203	9,445	16,867	28,808	30,496	19,146	15,751	9,023	152,800
1939	7,010	4,040	4,580	4,264	3,622	11,651	14,043	22,427	15,719	20,537	14,301	8,537	130,700
1940	4,221	3,495	3,525	3,759	4,499	7,367	12,934	25,103	24,180	13,293	11,899	5,617	119,900
1941	5,322	3,852	3,812	3,876	4,542	5,341	7,630	25,065	20,777	18,454	13,940	11,812	124,400
1942	5,954	4,429	4,443	4,191	3,981	8,237	24,405	26,995	25,912	22,413	15,888	10,905	157,800
1943	6,972	4,901	4,933	4,731	6,198	7,418	13,085	19,650	17,334	21,084	15,297	10,969	132,600
1944	6,776	3,880	3,878	3,461	4,147	6,056	11,367	35,002	22,437	27,164	18,206	11,635	154,000
1945	6,833	4,746	4,185	4,173	5,623	6,063	8,219	28,443	21,979	25,809	11,369	12,119	139,600
1946	7,252	4,739	4,467	4,554	5,020	7,611	22,689	25,190	27,858	22,078	14,390	11,548	157,400
1947	6,409	4,806	4,677	3,890	4,887	9,784	13,835	28,814	12,861	25,513	18,157	13,569	147,200
1948	7,178	3,898	3,723	3,560	4,635	6,351	11,330	26,388	23,123	24,367	16,947	13,696	145,200
1949	5,139	3,866	3,808	3,963	4,092	6,990	16,314	26,666	27,122	22,463	20,731	12,238	153,400
1950	7,543	4,306	3,896	4,520	5,169	7,113	17,958	26,483	29,623	22,034	22,560	16,060	167,300
1951	4,865	5,066	5,209	4,128	5,014	5,802	13,343	24,601	26,809	26,208	18,478	13,859	153,400
1952	5,944	3,999	3,917	4,590	4,645	6,575	62,719	114,526	36,676	27,818	20,640	18,587	310,600
1953	15,064	9,640	8,015	7,999	6,262	8,102	11,167	17,558	29,548	24,916	18,772	12,843	169,900
1954	6,734	4,709	4,425	4,602	4,707	5,381	10,159	20,176	23,096	19,769	19,767	8,249	131,800
1955	5,558	3,513	3,479	3,176	3,148	6,482	8,604	18,926	25,242	27,578	18,234	9,947	133,900
1956	4,647	3,467	4,598	4,713	3,669	6,240	10,340	21,231	25,920	21,495	20,352	10,842	137,500
1957	4,346	3,116	3,560	3,437	5,512	6,583	9,971	30,149	28,138	30,069	21,753	14,339	161,000
1958	7,864	4,354	4,560	4,506	5,399	8,019	16,268	40,953	28,159	25,200	22,102	9,602	177,000
1959	6,732	4,465	4,558	4,637	4,471	5,141	5,117	17,300	24,968	17,825	14,485	7,761	117,500
1960	4,237	2,676	2,690	3,055	3,281	5,702	8,219	21,814	27,197	20,390	16,334	6,696	122,300
1961	3,374	2,830	2,489	2,789	2,801	3,558	3,372	16,856	19,440	12,496	8,170	4,873	83,000
1962	2,408	2,539	2,515	3,057	7,339	6,010	23,520	26,317	20,420	16,994	17,913	7,968	137,000
1963	4,979	3,622	3,062	3,269	4,189	3,939	5,474	17,772	12,448	19,728	15,439	6,918	100,800
1964	4,832	3,172	3,209	3,031	2,408	3,261	7,591	24,327	14,323	29,373	18,488	11,381	125,400
1965	4,340	3,130	3,769	4,399	4,251	5,937	15,386	34,274	26,539	22,606	17,587	11,127	153,300
1966	5,518	4,257	4,120	3,991	4,552	9,013	10,897	22,653	26,803	19,226	19,010	8,465	138,500
1967	5,234	3,279	3,275	3,894	3,646	7,517	7,448	23,343	21,679	30,551	25,295	17,054	152,200
1968	4,598	4,082	3,913	3,848	4,820	6,361	10,451	29,786	29,833	30,906	17,907	17,183	163,700
1969	7,908	4,915	4,588	5,897	4,834	8,878	40,526	47,532	26,857	27,049	26,470	15,999	221,500
1970	7,210	4,122	4,860	5,343	5,294	5,881	7,234	24,700	23,323	27,081	26,462	12,931	154,400
1971	6,621	5,149	4,352	5,207	5,788	9,092	18,799	30,216	25,601	28,076	24,883	5,807	169,600
1972	5,550	5,292	5,034	5,020	5,514	9,812	10,229	27,644	23,084	23,854	18,784	7,932	147,700
1973	4,481	4,491	4,173	3,961	3,997	6,214	16,372	56,454	26,678	25,332	21,387	10,080	183,600
Average	5,700	4,100	4,200	4,100	4,600	6,900	14,700	28,500	24,100	22,300	17,300	10,600	147,100

BASELINE
Spanish Fork River at Castilla Gage - Total Flow
Location #6
Water Year Monthly Summary
(cfs)

(6a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	96	96	106	72	114	225	439	383	485	295	253	194	230
1931	91	88	103	72	94	142	236	378	436	324	165	99	186
1932	51	59	83	55	91	75	214	399	367	384	295	140	184
1933	77	74	78	59	54	82	116	289	526	392	247	160	179
1934	81	54	59	53	65	60	101	181	126	101	93	60	86
1935	34	43	45	47	57	59	135	318	407	281	203	173	150
1936	49	50	47	49	57	95	464	629	395	251	192	149	202
1937	114	62	57	59	90	170	331	698	390	290	266	174	225
1938	104	73	68	67	76	154	284	469	513	312	257	152	211
1939	114	68	75	69	65	190	236	365	265	335	233	144	180
1940	69	59	57	61	78	120	218	409	407	217	194	95	165
1941	87	65	62	63	82	87	128	408	350	301	227	199	172
1942	97	75	72	68	72	134	411	440	436	365	259	184	218
1943	114	83	80	77	112	121	220	320	292	343	249	185	183
1944	110	65	63	56	72	99	191	570	378	443	297	196	212
1945	111	80	68	68	101	99	138	463	370	420	185	204	192
1946	118	80	73	74	91	124	382	410	469	360	234	194	217
1947	104	81	76	63	88	159	233	469	217	416	296	228	203
1948	117	66	61	58	81	103	191	430	389	397	276	231	200
1949	84	65	62	65	74	114	275	434	457	366	338	206	212
1950	123	72	63	74	93	116	302	431	499	359	368	270	231
1951	79	85	85	67	90	95	225	401	451	427	301	233	212
1952	97	67	64	75	81	107	1,056	1,866	617	453	336	313	428
1953	245	162	131	130	113	132	188	286	497	406	306	216	234
1954	110	79	72	75	85	88	171	329	389	322	322	139	182
1955	91	59	57	52	57	106	145	308	425	449	297	167	184
1956	76	58	75	77	64	102	174	346	436	350	332	183	189
1957	71	52	58	56	99	107	168	491	474	490	354	241	222
1958	128	73	74	73	97	131	274	667	474	411	360	162	244
1959	110	75	74	76	81	84	86	282	420	290	236	131	162
1960	69	45	44	50	57	93	138	355	458	332	266	113	168
1961	55	48	41	45	51	58	57	275	327	204	133	82	115
1962	39	43	41	50	132	98	396	429	344	277	292	134	190
1963	81	61	50	53	76	64	92	290	210	321	252	116	139
1964	79	53	52	49	42	53	128	396	241	479	301	192	172
1965	71	53	61	72	77	97	259	558	447	368	287	187	211
1966	90	72	67	65	82	147	183	369	451	313	310	143	191
1967	85	55	53	63	66	122	125	380	365	498	412	287	209
1968	75	69	64	63	84	104	176	485	502	504	292	289	225
1969	129	83	75	96	87	145	682	774	452	441	431	269	305
1970	117	69	79	87	95	96	122	402	393	441	431	218	213
1971	108	87	71	85	104	148	316	492	431	457	405	98	234
1972	90	89	82	82	96	160	172	450	389	389	306	134	203
1973	73	76	68	65	72	101	276	920	449	413	348	170	252
Average	93	70	68	67	82	113	247	465	405	363	283	178	203

BASELINE
Diamond Fork Creek - Total Flow above Spanish Fork River Outlet
Location #6
Water Year Monthly Summary
(Acre-Feet)

(6b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	2,300	1,800	2,100	1,500	2,500	3,800	11,600	14,100	24,500	16,000	13,300	8,500	102,000
1931	1,700	1,800	2,400	1,500	1,900	2,700	6,900	18,300	23,100	18,300	9,250	4,300	92,200
1932	2,000	1,400	1,500	1,100	1,900	1,800	4,700	16,100	15,000	20,300	15,300	6,500	87,600
1933	2,200	1,900	2,500	1,308	1,107	2,014	3,267	6,368	21,054	21,232	13,289	7,875	84,100
1934	3,251	1,337	1,316	853	1,000	1,305	3,816	9,096	6,078	5,258	4,583	2,734	40,600
1935	963	1,380	1,555	1,390	1,466	1,110	3,205	6,794	15,549	15,044	10,532	8,504	67,500
1936	1,333	943	760	723	755	2,055	10,762	17,008	17,086	12,637	8,964	6,722	79,700
1937	4,278	1,399	1,203	1,320	1,967	3,705	8,244	14,939	14,491	13,196	13,830	8,010	86,600
1938	3,881	1,826	1,485	1,426	1,603	3,045	4,967	10,008	23,096	15,946	12,951	6,423	86,700
1939	4,610	1,540	1,480	1,464	1,222	3,151	6,843	15,527	14,019	19,037	12,901	6,837	88,600
1940	1,821	1,095	1,225	1,159	1,499	2,167	4,134	14,803	20,980	11,593	10,299	3,517	74,300
1941	2,722	1,452	1,312	1,276	1,342	1,741	2,730	7,365	12,677	14,854	10,740	9,612	67,800
1942	2,854	1,629	1,443	1,291	1,281	2,237	7,205	7,095	17,312	18,413	13,188	8,505	82,500
1943	4,172	1,701	1,633	1,431	1,598	2,418	6,085	11,950	9,634	18,084	12,697	9,069	80,500
1944	4,176	1,280	1,278	1,161	1,347	1,956	3,967	10,402	11,637	23,364	16,006	9,535	86,100
1945	4,333	1,846	1,485	1,273	1,123	1,763	2,919	9,943	13,079	22,109	7,469	9,419	76,800
1946	4,352	1,639	1,367	1,554	1,520	2,611	9,389	14,790	23,658	19,378	11,890	9,448	101,600
1947	3,709	1,806	1,577	1,290	1,487	3,184	4,835	11,414	7,261	23,713	15,357	11,369	87,000
1948	4,878	1,298	1,123	1,160	1,635	2,251	4,730	14,288	18,023	21,767	14,847	11,896	97,900
1949	3,139	1,566	1,508	1,463	1,392	2,190	7,614	10,766	19,322	18,863	18,331	9,938	96,100
1950	4,843	1,606	1,596	1,520	1,769	2,413	8,058	10,983	20,723	17,534	20,160	13,860	105,100
1951	2,565	2,066	2,009	1,328	1,614	2,202	7,843	12,501	20,509	23,308	15,978	12,159	104,100
1952	3,644	1,699	1,817	1,890	1,545	2,375	26,719	41,526	14,976	19,018	13,540	13,787	142,500
1953	10,364	5,140	3,815	3,299	2,462	3,102	5,367	8,658	22,548	21,716	15,672	10,643	112,800
1954	4,034	1,609	1,525	1,702	1,407	1,681	4,659	14,076	20,096	17,769	17,767	5,949	92,300
1955	3,558	1,213	1,179	976	848	1,882	2,704	6,726	19,942	24,478	15,634	8,047	87,200
1956	2,747	1,067	1,498	1,713	1,269	2,040	4,340	9,831	21,320	20,555	20,352	9,442	96,200
1957	2,446	1,216	1,360	1,237	1,612	2,683	3,771	10,249	11,238	24,569	18,253	11,439	90,100
1958	4,664	1,654	1,560	1,506	1,699	2,319	6,268	14,053	19,059	21,500	19,202	6,702	100,200
1959	3,832	1,465	1,258	1,437	1,371	1,641	2,317	12,800	22,368	15,825	12,885	6,261	83,500
1960	2,437	776	790	1,055	1,181	1,802	3,019	12,414	23,497	18,790	15,034	5,196	86,000
1961	1,874	1,030	689	889	1,201	1,558	1,472	14,556	19,360	11,526	6,670	3,373	64,200
1962	1,108	939	1,015	1,557	2,739	2,010	7,620	8,117	13,320	14,294	15,913	6,068	74,700
1963	2,979	1,322	862	1,169	1,889	1,439	2,374	9,772	8,648	17,928	13,539	5,018	66,900
1964	3,432	1,472	1,409	1,131	708	1,061	3,191	11,727	8,523	26,873	16,988	11,021	87,500
1965	2,640	1,330	1,669	1,899	1,851	2,537	7,986	15,774	13,539	17,906	14,087	8,127	89,300
1966	2,718	1,457	1,520	1,491	1,752	3,013	4,297	13,853	23,503	17,226	17,310	7,825	96,000
1967	3,234	1,079	1,075	1,394	1,246	3,117	2,848	7,943	6,379	24,751	22,195	14,254	89,500
1968	1,598	1,282	1,213	1,148	1,420	1,961	3,451	9,786	15,333	25,706	13,907	13,883	90,700
1969	4,508	1,715	1,688	2,197	1,734	3,078	17,926	16,132	16,557	21,949	21,170	11,599	120,300
1970	3,210	1,522	1,260	1,643	1,094	1,581	2,334	16,300	23,323	22,581	21,562	8,931	105,300
1971	2,921	1,649	1,252	1,707	2,088	3,292	8,699	21,416	25,361	23,776	19,283	2,607	114,100
1972	1,950	1,792	1,634	1,520	1,614	3,912	4,229	19,044	23,064	23,254	16,784	5,332	104,100
1973	1,481	1,491	1,373	1,061	1,197	2,014	5,772	21,654	23,678	19,432	15,787	5,880	100,800
Average	3,200	1,600	1,500	1,400	1,500	2,300	6,000	13,200	17,400	19,100	14,700	8,300	90,200

BASELINE
Diamond Fork Creek - Total Flow above Spanish Fork River Outlet
Location #6
Water Year Monthly Summary
(cfs)

(6b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	37	30	34	24	45	62	195	230	412	261	217	143	141
1931	28	30	39	24	34	44	116	298	389	298	151	72	127
1932	33	24	24	18	33	29	79	262	253	331	249	109	120
1933	36	32	41	21	20	33	55	104	354	346	217	133	116
1934	53	23	21	14	18	21	64	148	102	86	75	46	56
1935	16	23	25	23	26	18	54	111	262	245	172	143	93
1936	22	16	12	12	13	33	181	277	288	206	146	113	110
1937	70	24	20	22	35	60	139	243	244	215	225	135	119
1938	63	31	24	23	29	50	84	163	389	260	211	108	120
1939	75	26	24	24	22	51	115	253	236	310	210	115	122
1940	30	18	20	19	26	35	70	241	353	189	168	59	102
1941	44	24	21	21	24	28	46	120	213	242	175	162	93
1942	46	27	24	21	23	36	121	116	291	300	215	143	114
1943	68	29	27	23	29	39	102	195	162	295	207	153	111
1944	68	22	21	19	23	32	67	169	196	381	261	161	118
1945	71	31	24	21	20	29	49	162	220	360	122	159	106
1946	71	28	22	25	27	43	158	241	398	316	194	159	140
1947	60	30	26	21	27	52	81	186	122	386	250	191	119
1948	79	22	18	19	28	37	80	233	303	355	242	200	135
1949	51	26	25	24	25	36	128	175	325	307	299	167	132
1950	79	27	26	25	32	39	136	179	349	286	328	233	145
1951	42	35	33	22	29	36	132	204	345	380	260	205	143
1952	59	29	30	31	27	39	450	677	252	310	221	232	196
1953	169	87	62	54	44	51	90	141	380	354	255	179	155
1954	66	27	25	28	25	27	78	229	338	289	289	100	127
1955	58	20	19	16	15	31	46	110	336	399	255	135	120
1956	45	18	24	28	22	33	73	160	359	335	332	159	132
1957	40	20	22	20	29	44	63	167	189	400	297	193	124
1958	76	28	25	25	31	38	106	229	321	350	313	113	138
1959	62	25	20	23	25	27	39	209	377	258	210	105	115
1960	40	13	13	17	21	29	51	202	396	306	245	87	118
1961	31	17	11	14	22	25	25	237	326	188	109	57	88
1962	18	16	17	25	49	33	128	132	224	233	259	102	103
1963	49	22	14	19	34	23	40	159	146	292	221	84	92
1964	56	25	23	18	12	17	54	191	143	438	277	186	120
1965	43	22	27	31	33	41	134	257	228	292	230	137	123
1966	44	25	25	24	32	49	72	226	396	281	282	132	132
1967	53	18	18	23	22	51	48	129	107	403	362	240	123
1968	26	22	20	19	25	32	58	159	258	419	227	234	125
1969	73	29	28	36	31	50	302	263	279	358	345	195	166
1970	52	26	21	27	20	26	39	266	393	368	351	150	145
1971	48	28	20	28	38	54	146	349	427	387	314	44	157
1972	32	30	27	25	28	64	71	310	388	379	273	90	143
1973	24	25	22	17	22	33	97	353	399	317	257	99	139
Average	52	26	24	23	27	38	101	215	292	312	239	140	124

BASELINE
Spanish Fork River - Diamond Fork Creek Natural Flow Gains below Red Hollow
Location #6
Water Year Monthly Summary
(Acre-Feet)

(6c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	600	600	800	900	1,500	1,600	2,100	1,100	1,100	500	500	600	11,900
1931	600	600	600	800	1,100	1,400	1,200	1,300	900	500	350	600	10,000
1932	1,000	800	500	500	1,100	1,300	1,300	1,100	1,200	500	600	600	10,500
1933	200	1,000	1,400	608	807	1,314	1,767	1,368	3,454	2,932	1,789	1,475	18,100
1934	1,051	837	716	253	500	1,105	1,116	1,396	978	658	1,183	834	10,600
1935	563	680	1,355	1,090	1,266	810	1,205	1,294	2,049	844	632	904	12,700
1936	433	543	360	423	455	1,055	3,662	2,708	1,386	3,337	364	1,122	15,800
1937	378	599	603	1,020	1,067	1,905	2,944	1,839	1,291	1,196	30	310	13,200
1938	881	926	685	626	903	1,345	467	1,908	1,096	1,546	751	223	11,400
1939	510	740	580	664	722	1,151	1,443	327	1,019	237	601	837	8,800
1940	521	495	625	559	799	967	1,534	1,903	280	493	899	1,017	10,100
1941	922	752	712	576	642	741	530	1,465	577	754	1,840	1,212	10,700
1942	954	629	643	691	581	1,337	2,705	2,195	312	913	1,088	1,005	13,100
1943	972	701	833	731	598	1,318	1,185	650	1,534	484	997	669	10,700
1944	576	580	678	861	647	956	1,567	3,502	1,637	664	406	635	12,700
1945	833	946	885	673	423	763	619	3,143	2,179	809	869	619	12,800
1946	852	639	667	854	720	1,411	3,289	3,090	1,658	1,478	1,090	248	16,000
1947	1,309	806	877	490	687	1,884	1,635	1,614	1,661	1,013	557	969	13,500
1948	778	498	423	360	835	1,251	1,530	2,588	2,023	967	947	996	13,200
1949	939	666	708	1,163	692	1,090	2,814	4,066	1,022	363	731	1,038	15,300
1950	1,043	506	796	820	869	1,213	3,458	2,783	1,723	1,734	760	860	16,600
1951	1,165	766	1,009	628	714	1,002	3,143	4,301	2,109	1,508	278	659	17,300
1952	944	499	817	990	645	1,275	13,719	19,226	2,276	2,818	1,440	1,587	46,200
1953	1,664	1,340	2,115	2,199	1,362	1,702	1,067	1,158	1,048	516	472	43	14,700
1954	634	409	525	602	507	581	959	76	96	269	-233	549	5,000
1955	558	313	379	76	48	982	1,004	1,526	442	478	934	247	7,000
1956	547	467	698	813	669	640	140	231	20	1,055	1,452	142	6,900
1957	946	416	560	337	612	1,583	1,371	1,749	1,038	1,469	953	239	11,300
1958	964	554	660	606	699	1,219	2,968	3,253	759	1,300	1,102	402	14,500
1959	932	565	358	537	571	641	717	400	568	1,025	685	761	7,800
1960	537	76	190	255	281	702	719	614	-403	-710	-866	796	2,200
1961	474	230	89	89	601	858	472	56	360	-174	770	573	4,400
1962	408	239	315	857	1,939	1,110	620	517	20	94	1,213	768	8,100
1963	879	522	162	269	489	339	774	1,272	1,348	1,428	1,139	1,418	10,000
1964	632	572	609	331	8	161	1,191	2,027	2,523	973	688	1,121	10,800
1965	840	330	569	899	951	1,337	2,886	3,674	1,539	1,906	1,187	1,027	17,100
1966	418	357	620	691	952	1,713	997	1,353	803	726	310	1,125	10,100
1967	634	179	275	594	546	1,917	1,648	2,343	979	1,151	1,195	754	12,200
1968	498	382	313	348	520	761	1,151	686	633	3,706	607	1,283	10,900
1969	1,008	715	688	1,197	734	1,678	7,926	932	3,727	2,949	770	959	23,300
1970	1,410	522	260	643	194	481	434	1,900	10,753	941	-968	931	17,500
1971	1,421	549	352	707	1,188	1,992	3,099	1,916	9,101	296	-2,947	-673	17,000
1972	1,250	892	534	520	614	3,012	2,929	2,944	5,334	2,024	184	252	20,500
1973	681	491	473	161	397	914	1,972	1,854	10,888	-2,408	-3,713	70	11,800
Average	800	590	640	660	730	1,200	2,000	2,200	1,900	1,000	540	720	13,100

BASELINE
Spanish Fork River - Diamond Fork Creek Natural Flow Gains below Red Hollow
Location #6
Water Year Monthly Summary
(cfs)

(6c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	10	10	13	15	27	26	35	18	19	8	8	10	17
1931	10	10	10	13	20	23	20	21	15	8	6	10	14
1932	16	13	8	8	19	21	22	18	20	8	10	10	15
1933	3	17	23	10	15	21	30	22	58	48	29	25	25
1934	17	14	12	4	9	18	19	23	16	11	19	14	15
1935	9	11	22	18	23	13	20	21	34	14	10	15	18
1936	7	9	6	7	8	17	62	44	23	54	6	19	22
1937	6	10	10	17	19	31	50	30	22	19	0	5	18
1938	14	16	11	10	16	22	8	31	18	25	12	4	16
1939	8	12	9	11	13	19	24	5	17	4	10	14	12
1940	8	8	10	9	14	16	26	31	5	8	15	17	14
1941	15	13	12	9	12	12	9	24	10	12	30	20	15
1942	16	11	10	11	10	22	46	36	5	15	18	17	18
1943	16	12	14	12	11	21	20	11	26	8	16	11	15
1944	9	10	11	14	11	16	26	57	28	11	7	11	18
1945	14	16	14	11	8	12	10	51	37	13	14	10	18
1946	14	11	11	14	13	23	55	50	28	24	18	4	22
1947	21	14	14	8	12	31	28	26	28	17	9	16	21
1948	13	8	7	6	15	20	26	42	34	16	15	17	18
1949	15	11	12	19	12	18	47	66	17	6	12	17	21
1950	17	9	13	13	16	20	58	45	29	28	12	14	23
1951	19	13	16	10	13	16	53	70	36	25	5	11	24
1952	15	8	13	16	11	21	231	313	38	46	23	27	64
1953	27	23	34	36	25	28	18	19	18	8	8	1	20
1954	10	7	9	10	9	9	16	1	2	4	-4	9	7
1955	9	5	6	1	1	16	17	25	7	8	15	4	10
1956	9	8	11	13	12	10	2	4	0	17	24	2	9
1957	15	7	9	5	11	26	23	28	17	24	16	4	16
1958	16	9	11	10	13	20	50	53	13	21	18	7	20
1959	15	10	6	9	10	10	12	7	10	17	11	13	11
1960	9	1	3	4	5	11	12	10	-7	-12	-14	13	3
1961	8	4	1	1	11	14	8	1	6	-3	13	10	6
1962	7	4	5	14	35	18	10	8	0	2	20	13	11
1963	14	9	3	4	9	6	13	21	23	23	19	24	14
1964	10	10	10	5	0	3	20	33	42	16	11	19	15
1965	14	6	9	15	17	22	49	60	26	31	19	17	24
1966	7	6	10	11	17	28	17	22	14	12	5	19	14
1967	10	3	4	10	10	31	28	38	16	19	19	13	17
1968	8	6	5	6	9	12	19	11	11	60	10	22	15
1969	16	12	11	20	13	27	133	15	63	48	13	16	32
1970	23	9	4	10	3	8	7	31	181	15	-16	16	24
1971	23	9	6	12	21	32	52	31	153	5	-48	-11	24
1972	20	15	9	8	11	49	49	48	90	33	3	4	28
1973	11	8	8	3	7	15	33	30	183	-39	-60	1	17
Average	13	10	10	11	13	19	34	35	33	17	9	12	18

BASELINE
Spanish Fork River - Spanish Fork River Outlet Releases
Location #6
Water Year Monthly Summary
(Acre-Feet)

6d

BASELINE
Spanish Fork River - Spanish Fork River Outlet Releases
Location #6
Water Year Monthly Summary
(cfs)

(6d)

BASELINE
Spanish Fork River - Natural Flow Gains (excluding Diamond Fork Creek)
Location #6
Water Year Monthly Summary
(Acre-Feet)

(6e)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	3600	3900	4400	2900	3800	10000	14500	9400	4300	2100	2200	3000	64,100
1931	3900	3400	3900	2900	3300	6000	7100	4900	2800	1600	850	1600	42,300
1932	1100	2100	3600	2300	3300	2800	8000	8400	6800	3300	2800	1800	46,300
1933	2500	2500	2300	2300	1900	3000	3600	11400	10200	2800	1900	1600	46,000
1934	1700	1900	2300	2400	2600	2400	2200	2000	1400	970	1100	820	21,800
1935	1100	1200	1200	1500	1700	2500	4800	12700	8600	2200	1900	1800	41,200
1936	1700	2000	2100	2300	2500	3800	16800	21600	6400	2800	2800	2100	66,900
1937	2700	2300	2300	3000	6700	11400	27900	8700	4600	2500	2300	76,700	
1938	2500	2500	2700	2700	2600	6400	11900	18800	7400	3200	2800	2600	66,100
1939	2400	2500	3100	2800	2400	8500	7200	6900	1700	1500	1400	1700	42,100
1940	2400	2400	2300	2600	3000	5200	8800	10300	3200	1700	1600	2100	45,600
1941	2600	2400	2500	2600	3200	3600	4900	17700	8100	3600	3200	2200	56,600
1942	3100	2800	3000	2900	2700	6000	17200	19900	8600	4000	2700	2400	75,300
1943	2800	3200	3300	3300	4600	5000	7000	7700	7700	3000	2600	1900	52,100
1944	2600	2600	2600	2300	2800	4100	7400	24600	10800	3800	2200	2100	67,900
1945	2500	2900	2700	2900	4500	4300	5300	18500	8900	3700	3900	2700	62,800
1946	2900	3100	3100	3000	3500	5000	13300	10400	4200	2700	2500	2100	55,800
1947	2700	3000	3100	2600	3400	6600	9000	17400	5600	1800	2800	2200	60,200
1948	2300	2600	2600	2400	3000	4100	6600	12100	5100	2600	2100	1800	47,300
1949	2000	2300	2300	2500	2700	4800	8700	15900	7800	3600	2400	2300	57,300
1950	2700	2700	2300	3000	3400	4700	9900	15500	8900	4500	2400	2200	62,200
1951	2300	3000	3200	2800	3400	3600	5500	12100	6300	2900	2500	1700	49,300
1952	2300	2300	2100	2700	3100	4200	36000	73000	21700	8800	7100	4800	168,100
1953	4700	4500	4200	4700	3800	5000	5800	8900	7000	3200	3100	2200	57,100
1954	2700	3100	2900	2900	3300	3700	5500	6100	3000	2000	2000	2300	39,500
1955	2000	2300	2300	2200	2300	4600	5900	12200	5300	3100	2600	1900	46,700
1956	1900	2400	3100	3000	2400	4200	6000	11400	4600	940	0	1400	41,300
1957	1900	1900	2200	2200	3900	3900	6200	19900	16900	5500	3500	2900	70,900
1958	3200	2700	3000	3000	3700	5700	10000	26900	9100	3700	2900	2900	76,800
1959	2900	3000	3300	3200	3100	3500	2800	4500	2600	2000	1600	1500	34,000
1960	1800	1900	1900	2000	2100	3900	5200	9400	3700	1600	1300	1500	36,300
1961	1500	1800	1800	1900	1600	2000	1900	2300	80	970	1500	1500	18,900
1962	1300	1600	1500	1500	4600	4000	15900	18200	7100	2700	2000	1900	62,300
1963	2000	2300	2200	2100	2300	2500	3100	8000	3800	1800	1900	1900	33,900
1964	1400	1700	1800	1900	1700	2200	4400	12600	5800	2500	1500	360	37,900
1965	1700	1800	2100	2500	2400	3400	7400	18500	13000	4700	3500	3000	64,000
1966	2800	2800	2600	2500	2800	6000	6600	8800	3300	2000	1700	640	42,500
1967	2000	2200	2200	2500	2400	4400	4600	15400	15300	5800	3100	2800	62,700
1968	3000	2800	2700	2700	3400	4400	7000	20000	14500	5200	4000	3300	73,000
1969	3400	3200	2900	3700	3100	5800	22600	31400	10300	5100	5300	4400	101,200
1970	4000	2600	3600	3700	4200	4300	4900	8400	0	4500	4900	4000	49,100
1971	3700	3500	3100	3500	3700	5800	10100	8800	240	4300	5600	3200	55,500
1972	3600	3500	3400	3500	3900	5900	6000	8600	20	600	2000	2600	43,600
1973	3000	3000	2800	2900	2800	4200	10600	34800	3000	5900	5600	4200	82,800
Average	2,500	2,600	2,700	2,700	3,000	4,600	8,600	15,300	6,700	3,200	2,700	2,300	56,900

BASELINE
Spanish Fork River - Natural Flow Gains (excluding Diamond Fork Creek)
Location #6
Water Year Monthly Summary
(cfs)

(6e)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	59	66	72	47	69	163	244	153	72	34	36	51	89
1931	64	57	64	47	60	98	120	80	47	26	14	27	59
1932	18	35	59	37	57	46	135	137	114	54	46	30	64
1933	41	42	37	37	34	49	61	186	172	46	31	27	64
1934	28	32	37	39	47	39	37	33	24	16	18	14	30
1935	18	20	20	24	31	41	81	207	145	36	31	30	57
1936	28	34	34	37	44	62	283	352	108	46	46	35	92
1937	44	39	37	37	54	109	192	455	146	75	41	39	106
1938	41	42	44	44	47	104	200	306	125	52	46	44	91
1939	39	42	51	46	43	138	121	112	29	24	23	29	58
1940	39	40	37	42	52	85	148	168	54	28	26	35	63
1941	42	40	41	42	58	59	82	288	136	59	52	37	78
1942	51	47	49	47	49	98	290	324	145	65	44	40	104
1943	46	54	54	54	83	81	118	125	130	49	42	32	72
1944	42	44	42	37	49	67	125	401	182	62	36	35	93
1945	41	49	44	47	81	70	89	301	150	60	64	45	87
1946	47	52	51	49	63	81	224	169	71	44	41	35	77
1947	44	51	51	42	61	108	152	283	94	29	46	37	83
1948	37	44	42	39	52	67	111	197	86	42	34	30	65
1949	33	39	37	41	49	78	146	259	131	59	39	39	79
1950	44	45	37	49	61	77	167	253	150	73	39	37	86
1951	37	51	52	46	61	59	93	197	106	47	41	29	68
1952	37	39	34	44	54	68	606	1,189	365	143	116	81	231
1953	77	76	68	77	69	81	98	145	118	52	51	37	79
1954	44	52	47	47	60	60	93	99	51	33	33	39	55
1955	33	39	37	36	41	75	99	199	89	51	42	32	64
1956	31	40	51	49	42	68	101	186	77	15	0	24	57
1957	31	32	36	36	70	64	104	324	285	90	57	49	98
1958	52	45	49	49	67	93	168	438	153	60	47	49	106
1959	47	51	54	52	56	57	47	73	44	33	26	25	47
1960	29	32	31	33	37	64	88	153	62	26	21	25	50
1961	24	30	29	31	29	33	32	37	1	16	24	25	26
1962	21	27	24	24	83	65	268	297	120	44	33	32	86
1963	33	39	36	34	41	41	52	130	64	29	31	32	47
1964	23	29	29	31	30	36	74	205	98	41	24	6	52
1965	28	30	34	41	43	55	125	301	219	77	57	51	88
1966	46	47	42	41	51	98	111	143	56	33	28	11	59
1967	33	37	36	41	43	72	77	251	258	94	51	47	87
1968	49	47	44	44	59	72	118	326	244	85	65	56	101
1969	55	54	47	60	56	94	380	512	173	83	86	74	140
1970	65	44	59	60	76	70	82	137	0	73	80	67	68
1971	60	59	51	57	67	94	170	143	4	70	91	54	77
1972	59	59	55	57	68	96	101	140	0	10	33	44	60
1973	49	51	46	47	51	68	178	567	51	96	91	71	114
Average	41	44	44	44	54	75	145	250	112	52	44	38	79

BASELINE
Spanish Fork River below Spanish Fork Diversion Dam - Total Flow
Location #7
Water Year Monthly Summary
(Acre-Feet)

(7a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual	
1930	131	0	0	0	0	1,616	3,370	3,433	2,181	2,173	1,016	1,016	13,900	
1931	0	0	0	0	0	0	351	2,463	2,782	2,118	1,065	669	9,400	
1932	274	0	0	0	0	0	1,500	4,300	3,288	3,240	2,077	1,037	15,700	
1933	290	0	0	0	0	0	470	3,600	4,796	2,814	1,640	817	14,400	
1934	275	0	0	0	0	0	672	1,268	848	517	558	545	4,700	
1935	130	0	0	0	0	0	1,700	2,600	4,023	2,181	1,602	695	12,900	
1936	260	0	0	0	0	0	720	7,918	3,569	1,631	1,770	1,159	17,000	
1937	375	0	0	0	0	0	0	12,149	3,545	2,367	1,964	1,179	21,600	
1938	369	0	0	0	0	0	490	2,500	4,667	2,499	1,507	854	12,900	
1939	553	0	0	0	0	0	1,000	2,677	2,593	2,074	1,347	690	10,900	
1940	230	0	0	0	0	0	470	3,496	3,058	1,265	1,008	371	9,900	
1941	442	0	0	0	0	0	0	3,900	3,118	1,860	1,571	1,174	12,100	
1942	292	0	0	0	0	0	0	2,400	3,853	2,600	1,651	992	11,800	
1943	400	0	0	0	0	0	1,700	2,713	2,699	2,748	1,800	1,130	13,200	
1944	514	0	0	0	0	0	0	4,312	3,357	3,545	1,746	1,185	14,700	
1945	457	0	0	0	0	0	0	1,350	2,921	3,317	1,401	1,307	10,800	
1946	428	0	0	0	0	0	160	3,100	3,593	2,399	1,256	1,291	12,200	
1947	230	0	0	0	0	0	390	4,414	1,481	3,398	2,314	1,263	13,500	
1948	390	0	0	0	0	0	0	3,884	2,857	3,061	1,781	1,329	13,300	
1949	305	0	0	0	0	0	1,207	3,000	3,670	2,600	2,313	1,570	14,700	
1950	237	0	0	0	0	0	390	2,615	4,097	2,005	2,280	1,414	13,000	
1951	495	0	0	0	0	0	1,003	2,505	3,530	3,006	2,152	1,472	14,200	
1952	282	0	0	0	0	0	33,019	83,836	6,976	3,944	2,645	1,957	132,700	
1953	1,404	0	0	0	0	0	0	2,100	3,460	2,674	2,282	1,737	13,700	
1954	551	0	0	0	0	0	859	2,369	2,986	2,210	2,333	718	12,000	
1955	366	0	0	0	0	0	0	2,700	3,532	2,904	1,899	1,645	13,000	
1956	190	0	0	0	0	0	1,400	2,800	3,494	2,161	2,285	771	13,100	
1957	359	0	0	0	0	0	0	1,600	3,600	3,373	2,270	1,722	12,900	
1958	380	0	0	0	0	0	0	10,263	3,967	2,788	2,390	1,162	21,000	
1959	329	0	0	0	0	0	410	1,921	2,876	1,624	1,535	465	9,200	
1960	40	0	0	0	0	0	1,200	2,123	3,284	2,222	1,850	470	11,200	
1961	319	0	0	0	0	0	1,100	1,976	2,017	1,073	760	326	7,600	
1962	0	0	0	0	0	0	80	4,600	2,319	2,013	1,895	472	11,400	
1963	137	0	0	0	0	0	1,300	630	2,500	1,597	1,792	1,828	383	10,200
1964	144	0	0	0	0	0	0	0	1,900	1,800	3,764	2,112	1,178	10,900
1965	51	0	0	0	0	0	0	0	4,000	3,403	2,471	1,931	1,011	12,900
1966	150	0	0	0	0	0	0	1,900	2,785	3,183	1,893	1,948	576	12,400
1967	67	0	0	0	0	0	280	5,000	1,730	3,505	2,540	1,633	14,800	
1968	0	0	0	0	0	0	0	2,000	4,468	3,403	1,635	1,676	13,200	
1969	171	0	0	0	0	0	10,826	16,842	2,945	3,019	3,153	1,418	38,400	
1970	247	0	0	0	0	0	0	0	3,200	2,613	3,184	2,995	969	13,200
1971	121	0	0	0	0	0	580	3,800	3,519	3,711	3,407	717	15,900	
1972	20	0	0	0	0	0	360	4,599	3,293	3,012	1,563	380	13,200	
1973	0	0	0	0	0	0	0	25,764	3,598	4,285	2,939	1,134	37,700	
Average	280	0	0	0	0	30	1,500	6,100	3,200	2,600	1,900	1,000	16,800	

BASELINE
Spanish Fork River below Spanish Fork Diversion Dam - Total Flow
Location #7
Water Year Monthly Summary
(cfs)

(7a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	2	0	0	0	0	0	27	55	58	36	35	17	19
1931	0	0	0	0	0	0	6	40	47	35	17	11	13
1932	4	0	0	0	0	0	25	70	55	53	34	17	22
1933	5	0	0	0	0	0	8	59	81	46	27	14	20
1934	4	0	0	0	0	0	11	21	14	8	9	9	6
1935	2	0	0	0	0	0	29	42	68	36	26	12	18
1936	4	0	0	0	0	0	12	129	60	27	29	20	23
1937	6	0	0	0	0	0	0	198	60	39	32	20	30
1938	6	0	0	0	0	0	8	41	79	41	25	14	18
1939	9	0	0	0	0	0	17	44	44	34	22	12	15
1940	4	0	0	0	0	0	8	57	51	21	16	6	14
1941	7	0	0	0	0	0	0	64	52	30	26	20	17
1942	5	0	0	0	0	0	0	39	65	42	27	17	16
1943	7	0	0	0	0	0	29	44	45	45	29	19	18
1944	8	0	0	0	0	0	0	70	57	58	28	20	20
1945	7	0	0	0	0	0	0	22	49	54	23	22	15
1946	7	0	0	0	0	0	3	51	60	39	20	22	17
1947	4	0	0	0	0	0	7	72	25	55	38	21	18
1948	6	0	0	0	0	0	0	63	48	50	29	22	18
1949	5	0	0	0	0	0	20	49	62	42	38	26	20
1950	4	0	0	0	0	0	7	43	69	33	37	24	18
1951	8	0	0	0	0	0	17	41	59	49	35	25	20
1952	5	0	0	0	0	0	556	1,366	117	64	43	33	182
1953	23	0	0	0	0	0	0	34	58	44	37	29	19
1954	9	0	0	0	0	0	14	39	50	36	38	12	17
1955	6	0	0	0	0	0	0	44	59	47	31	28	18
1956	3	0	0	0	0	0	24	46	59	35	37	13	18
1957	6	0	0	0	0	0	0	26	61	55	37	29	18
1958	6	0	0	0	0	0	0	167	67	45	39	20	29
1959	5	0	0	0	0	0	7	31	48	26	25	8	13
1960	1	0	0	0	0	0	20	35	55	36	30	8	15
1961	5	0	0	0	0	0	19	32	34	17	12	5	10
1962	0	0	0	0	0	0	1	75	39	33	31	8	16
1963	2	0	0	0	0	21	11	41	27	29	30	6	14
1964	2	0	0	0	0	0	0	31	30	61	34	20	15
1965	1	0	0	0	0	0	0	65	57	40	31	17	18
1966	2	0	0	0	0	0	32	45	54	31	32	10	17
1967	1	0	0	0	0	0	5	81	29	57	41	27	20
1968	0	0	0	0	0	0	0	33	75	55	27	28	18
1969	3	0	0	0	0	0	0	182	274	50	49	51	24
1970	4	0	0	0	0	0	0	52	44	52	49	16	18
1971	2	0	0	0	0	0	10	62	59	60	56	12	22
1972	0	0	0	0	0	0	6	75	55	49	25	6	18
1973	0	0	0	0	0	0	0	420	61	70	48	19	51
Average	5	0	0	0	0	0	25	100	54	42	32	17	23

BASELINE
Spanish Fork River below Spanish Fork Diversion Dam - Diversions to Power Canal
Location #7
Water Year Monthly Summary
(Acre-Feet)

(7b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	5,769	5,700	6,500	4,400	6,300	13,800	24,484	20,130	25,367	15,919	13,327	10,484	152,200
1931	5,600	5,200	6,300	4,400	5,200	8,700	13,649	20,737	23,118	17,782	9,035	5,231	125,000
1932	2,826	3,500	5,100	3,400	5,200	4,600	11,200	20,200	18,512	20,360	16,023	7,263	118,200
1933	4,410	4,400	4,800	3,608	3,007	5,014	6,397	14,168	26,459	21,218	13,549	8,658	115,700
1934	4,676	3,237	3,616	3,253	3,600	3,705	5,344	9,828	6,631	5,711	5,125	3,009	57,700
1935	1,933	2,580	2,755	2,890	3,166	3,610	6,305	16,894	20,126	15,063	10,830	9,610	95,800
1936	2,773	2,943	2,860	3,023	3,255	5,855	26,842	30,690	19,917	13,806	9,994	7,663	129,600
1937	6,603	3,699	3,503	3,620	4,967	10,405	19,644	30,690	19,646	15,429	14,366	9,131	141,700
1938	6,013	4,326	4,185	4,126	4,203	9,445	16,377	26,308	25,829	16,647	14,244	8,169	139,900
1939	6,458	4,040	4,580	4,264	3,622	11,651	13,043	19,750	13,126	18,463	12,954	7,847	119,800
1940	3,991	3,495	3,525	3,759	4,499	7,367	12,464	21,607	21,122	12,028	10,891	5,247	110,000
1941	4,880	3,852	3,812	3,876	4,542	5,341	7,630	21,165	17,659	16,594	12,370	10,638	112,400
1942	5,663	4,429	4,443	4,191	3,981	8,237	24,405	24,595	22,059	19,813	14,237	9,913	146,000
1943	6,572	4,901	4,933	4,731	6,198	7,418	11,385	16,937	14,635	18,336	13,497	9,839	119,400
1944	6,262	3,880	3,878	3,461	4,147	6,056	11,367	30,690	19,081	23,619	16,460	10,450	139,400
1945	6,376	4,746	4,185	4,173	5,623	6,063	8,219	27,093	19,058	22,492	9,968	10,812	128,800
1946	6,824	4,739	4,467	4,554	5,020	7,611	22,529	22,090	24,265	19,679	13,134	10,257	145,200
1947	6,179	4,806	4,677	3,890	4,887	9,784	13,445	24,400	11,380	22,115	15,843	12,306	133,700
1948	6,789	3,898	3,723	3,560	4,635	6,351	11,330	22,505	20,266	21,306	15,166	12,367	131,900
1949	4,834	3,866	3,808	3,963	4,092	6,990	15,107	23,666	23,452	19,863	18,418	10,669	138,700
1950	7,306	4,306	3,896	4,520	5,169	7,113	17,568	23,868	25,526	20,029	20,280	14,646	154,200
1951	4,370	5,066	5,209	4,128	5,014	5,802	12,340	22,096	23,279	23,202	16,326	12,387	139,200
1952	5,662	3,999	3,917	4,590	4,645	6,575	29,700	30,690	29,700	23,874	17,995	16,630	178,000
1953	13,660	9,640	8,015	7,999	6,262	8,102	11,167	15,458	26,088	22,242	16,490	11,106	156,200
1954	6,183	4,709	4,425	4,602	4,707	5,381	9,300	17,807	20,110	17,559	17,434	7,531	119,700
1955	5,192	3,513	3,479	3,176	3,148	6,482	8,604	16,226	21,710	24,674	16,335	8,302	120,800
1956	4,457	3,467	4,598	4,713	3,669	6,240	8,940	18,431	22,426	19,334	18,067	10,071	124,400
1957	3,987	3,116	3,560	3,437	5,512	6,583	9,971	28,549	24,538	26,696	19,483	12,617	148,000
1958	7,484	4,354	4,560	4,506	5,399	8,019	16,268	30,690	24,192	22,412	19,712	8,440	156,000
1959	6,403	4,465	4,558	4,637	4,471	5,141	4,707	15,379	22,092	16,201	12,950	7,296	108,300
1960	4,197	2,676	2,690	3,055	3,281	5,702	7,019	19,691	23,913	18,168	14,484	6,226	111,100
1961	3,055	2,830	2,489	2,789	2,801	3,558	2,272	14,880	17,423	11,423	7,410	4,547	75,500
1962	2,408	2,539	2,515	3,057	7,339	6,010	23,440	21,717	18,101	14,981	16,018	7,496	125,600
1963	4,842	3,622	3,062	3,269	4,189	2,639	4,844	15,272	10,851	17,936	13,611	6,535	90,700
1964	4,688	3,172	3,209	3,031	2,408	3,261	7,591	22,427	12,523	25,609	16,376	10,203	114,500
1965	4,290	3,130	3,769	4,399	4,251	5,937	15,386	30,274	23,136	20,135	15,656	10,116	140,500
1966	5,368	4,257	4,120	3,991	4,552	9,013	8,997	19,868	23,620	17,333	17,062	7,889	126,100
1967	5,167	3,279	3,275	3,894	3,646	7,517	7,168	18,343	19,949	27,046	22,755	15,421	137,500
1968	4,598	4,082	3,913	3,848	4,820	6,361	10,451	27,786	25,365	27,503	16,272	15,507	150,500
1969	7,737	4,915	4,588	5,897	4,834	8,878	29,700	30,690	23,912	24,030	23,317	14,581	183,100
1970	6,963	4,122	4,860	5,343	5,294	5,881	7,234	21,500	20,710	23,897	23,467	11,962	141,200
1971	6,500	5,149	4,352	5,207	5,788	9,092	18,219	26,416	22,082	24,365	21,476	5,090	153,700
1972	5,530	5,292	5,034	5,020	5,514	9,812	9,869	23,045	19,791	20,842	17,221	7,552	134,500
1973	4,481	4,491	4,173	3,961	3,997	6,214	16,372	30,690	23,080	21,047	18,448	8,946	145,900
Average	5,500	4,100	4,200	4,100	4,600	6,900	13,100	22,400	20,800	19,700	15,400	9,600	130,400

BASELINE
Spanish Fork River below Spanish Fork Diversion Dam - Diversions to Power Canal
Location #7
Water Year Monthly Summary
(cfs)

(7b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	94	96	106	72	114	225	412	328	427	259	217	177	211
1931	91	88	103	72	94	142	230	338	389	290	147	88	173
1932	46	59	83	55	91	75	189	329	312	332	261	122	163
1933	72	74	78	59	54	82	108	231	445	346	221	146	160
1934	76	54	59	53	65	60	90	160	112	93	83	51	80
1935	31	43	45	47	57	59	106	275	339	245	176	162	132
1936	45	50	47	49	57	95	452	500	335	225	163	129	179
1937	108	62	57	59	90	170	331	500	331	251	234	154	195
1938	98	73	68	67	76	154	276	429	435	271	232	138	193
1939	105	68	75	69	65	190	220	322	221	301	211	132	165
1940	65	59	57	61	78	120	210	352	356	196	177	88	152
1941	80	65	62	63	82	87	128	345	297	270	202	179	155
1942	92	75	72	68	72	134	411	401	371	323	232	167	202
1943	107	83	80	77	112	121	192	276	246	299	220	166	165
1944	102	65	63	56	72	99	191	500	321	385	268	176	192
1945	104	80	68	68	101	99	138	441	321	366	162	182	178
1946	111	80	73	74	91	124	379	360	408	321	214	173	201
1947	101	81	76	63	88	159	226	398	192	360	258	207	184
1948	111	66	61	58	81	103	191	367	341	347	247	208	182
1949	79	65	62	65	74	114	254	386	395	324	300	180	191
1950	119	72	63	74	93	116	296	389	430	326	330	247	213
1951	71	85	85	67	90	95	208	360	392	378	266	209	192
1952	92	67	64	75	81	107	500	500	500	389	293	280	246
1953	223	162	131	130	113	132	188	252	439	362	269	187	216
1954	101	79	72	75	85	88	157	290	339	286	284	127	165
1955	85	59	57	52	57	106	145	264	365	402	266	140	166
1956	73	58	75	77	64	102	151	300	378	315	294	170	171
1957	65	52	58	56	99	107	168	465	413	435	317	212	204
1958	122	73	74	73	97	131	274	500	407	365	321	142	215
1959	104	75	74	76	81	84	79	251	372	264	211	123	149
1960	68	45	44	50	57	93	118	321	403	296	236	105	153
1961	50	48	41	45	51	58	38	242	293	186	121	77	104
1962	39	43	41	50	132	98	395	354	305	244	261	126	174
1963	79	61	50	53	76	43	82	249	183	292	222	110	125
1964	76	53	52	49	42	53	128	365	211	417	267	172	157
1965	70	53	61	72	77	97	259	493	389	328	255	170	194
1966	87	72	67	65	82	147	151	324	398	282	278	133	174
1967	84	55	53	63	66	122	121	299	336	441	371	260	189
1968	75	69	64	63	84	104	176	453	427	448	265	261	207
1969	126	83	75	96	87	145	500	500	403	391	380	245	253
1970	113	69	79	87	95	96	122	350	349	389	382	201	195
1971	106	87	71	85	104	148	307	430	372	397	350	86	212
1972	90	89	82	82	96	160	166	375	333	340	281	127	185
1973	73	76	68	65	72	101	276	500	389	343	301	151	201
Average	89	70	68	67	82	112	221	365	350	321	251	161	180

BASELINE
Spanish Fork River below East Bench Diversion Dam - Total Flow
Location #8
Water Year Monthly Summary
(Acre-Feet)

8a

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	0	0	0	0	0	0	0	0	0	0	0	0	0
1931	0	0	0	0	0	0	0	0	0	0	0	0	0
1932	0	0	0	0	0	0	0	0	0	0	0	0	0
1933	0	0	0	0	0	0	0	0	0	0	0	0	0
1934	0	0	0	0	0	0	0	0	0	0	0	0	0
1935	0	0	0	0	0	0	0	0	0	0	0	0	0
1936	0	0	0	0	0	0	0	3,169	0	0	0	0	3,200
1937	0	0	0	0	0	0	0	7,649	0	0	0	0	7,600
1938	0	0	0	0	0	0	0	0	0	0	0	0	0
1939	0	0	0	0	0	0	0	0	0	0	0	0	0
1940	0	0	0	0	0	0	0	0	0	0	0	0	0
1941	0	0	0	0	0	0	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0	0	0	0	0	0	0
1943	0	0	0	0	0	0	0	0	0	0	0	0	0
1944	0	0	0	0	0	0	0	3,112	0	0	0	0	3,100
1945	0	0	0	0	0	0	0	0	0	0	0	0	0
1946	0	0	0	0	0	0	0	0	0	0	0	0	0
1947	0	0	0	0	0	0	0	0	0	0	0	0	0
1948	0	0	0	0	0	0	0	0	0	0	0	0	0
1949	0	0	0	0	0	0	0	0	0	0	0	0	0
1950	0	0	0	0	0	0	0	0	0	0	0	0	0
1951	0	0	0	0	0	0	0	0	0	0	0	0	0
1952	0	0	0	0	0	33,019	81,536	2,176	0	0	0	0	116,700
1953	0	0	0	0	0	0	0	0	0	0	0	0	0
1954	0	0	0	0	0	0	0	0	0	0	0	0	0
1955	0	0	0	0	0	0	0	0	0	0	0	0	0
1956	0	0	0	0	0	0	0	0	0	0	0	0	0
1957	0	0	0	0	0	0	0	0	0	0	0	0	0
1958	0	0	0	0	0	0	0	6,042	0	0	0	0	6,000
1959	0	0	0	0	0	0	0	0	0	0	0	0	0
1960	0	0	0	0	0	0	0	0	0	0	0	0	0
1961	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	10,786	11,642	1	0	1	4	22,400
1970	0	0	0	0	0	0	0	0	5	-3	-3	3	0
1971	0	0	0	0	0	0	0	0	0	2	4	5	10
1972	0	0	0	0	0	0	0	0	-4	1	3	0	0
1973	0	0	0	0	0	0	0	22,764	-2	3	5	-4	22,800
Average	0	0	0	0	0	0	1,000	3,100	50	0	0	0	4,100

BASELINE
Spanish Fork River below East Bench Diversion Dam - Total Flow
Location #8
Water Year Monthly Summary
(cfs)

(8a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	0	0	0	0	0	0	0	0	0	0	0	0	0
1931	0	0	0	0	0	0	0	0	0	0	0	0	0
1932	0	0	0	0	0	0	0	0	0	0	0	0	0
1933	0	0	0	0	0	0	0	0	0	0	0	0	0
1934	0	0	0	0	0	0	0	0	0	0	0	0	0
1935	0	0	0	0	0	0	0	0	0	0	0	0	0
1936	0	0	0	0	0	0	0	52	0	0	0	0	4
1937	0	0	0	0	0	0	0	125	0	0	0	0	10
1938	0	0	0	0	0	0	0	0	0	0	0	0	0
1939	0	0	0	0	0	0	0	0	0	0	0	0	0
1940	0	0	0	0	0	0	0	0	0	0	0	0	0
1941	0	0	0	0	0	0	0	0	0	0	0	0	0
1942	0	0	0	0	0	0	0	0	0	0	0	0	0
1943	0	0	0	0	0	0	0	0	0	0	0	0	0
1944	0	0	0	0	0	0	0	51	0	0	0	0	4
1945	0	0	0	0	0	0	0	0	0	0	0	0	0
1946	0	0	0	0	0	0	0	0	0	0	0	0	0
1947	0	0	0	0	0	0	0	0	0	0	0	0	0
1948	0	0	0	0	0	0	0	0	0	0	0	0	0
1949	0	0	0	0	0	0	0	0	0	0	0	0	0
1950	0	0	0	0	0	0	0	0	0	0	0	0	0
1951	0	0	0	0	0	0	0	0	0	0	0	0	0
1952	0	0	0	0	0	0	556	1,328	37	0	0	0	160
1953	0	0	0	0	0	0	0	0	0	0	0	0	0
1954	0	0	0	0	0	0	0	0	0	0	0	0	0
1955	0	0	0	0	0	0	0	0	0	0	0	0	0
1956	0	0	0	0	0	0	0	0	0	0	0	0	0
1957	0	0	0	0	0	0	0	0	0	0	0	0	0
1958	0	0	0	0	0	0	0	98	0	0	0	0	0
1959	0	0	0	0	0	0	0	0	0	0	0	0	0
1960	0	0	0	0	0	0	0	0	0	0	0	0	0
1961	0	0	0	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	182	190	0	0	0	0	31
1970	0	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	371	0	0	0	0	31
Average	0	0	0	0	0	0	17	50	1	0	0	0	6

BASELINE
Spanish Fork River below East Bench Diversion Dam - Diversions to East Bench Canal
Location #8
Water Year Monthly Summary
(Acre-Feet)

(8b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	131	0	0	0	0	1,616	3,370	3,433	2,181	2,173	1,016	13,900	
1931	0	0	0	0	0	351	2,463	2,782	2,118	1,065	669	9,400	
1932	274	0	0	0	0	0	1,500	4,300	3,288	3,240	2,077	1,037	15,700
1933	290	0	0	0	0	0	470	3,600	4,796	2,814	1,640	817	14,400
1934	275	0	0	0	0	0	672	1,268	848	517	558	545	4,700
1935	130	0	0	0	0	0	1,700	2,600	4,023	2,181	1,602	695	12,900
1936	260	0	0	0	0	0	720	4,749	3,569	1,631	1,770	1,159	13,900
1937	375	0	0	0	0	0	0	4,500	3,545	2,367	1,964	1,179	13,900
1938	369	0	0	0	0	0	490	2,500	4,667	2,499	1,507	854	12,900
1939	553	0	0	0	0	0	1,000	2,677	2,593	2,074	1,347	690	10,900
1940	230	0	0	0	0	0	470	3,496	3,058	1,265	1,008	371	9,900
1941	442	0	0	0	0	0	0	3,900	3,118	1,860	1,571	1,174	12,100
1942	292	0	0	0	0	0	0	2,400	3,853	2,600	1,651	992	11,800
1943	400	0	0	0	0	0	1,700	2,713	2,699	2,748	1,800	1,130	13,200
1944	514	0	0	0	0	0	0	1,200	3,357	3,545	1,746	1,185	11,500
1945	457	0	0	0	0	0	0	1,350	2,921	3,317	1,401	1,307	10,800
1946	428	0	0	0	0	0	160	3,100	3,593	2,399	1,256	1,291	12,200
1947	230	0	0	0	0	0	390	4,414	1,481	3,398	2,314	1,263	13,500
1948	390	0	0	0	0	0	0	3,884	2,857	3,061	1,781	1,329	13,300
1949	305	0	0	0	0	0	1,207	3,000	3,670	2,600	2,313	1,570	14,700
1950	237	0	0	0	0	0	390	2,615	4,097	2,005	2,280	1,414	13,000
1951	495	0	0	0	0	0	1,003	2,505	3,530	3,006	2,152	1,472	14,200
1952	282	0	0	0	0	0	0	2,300	4,800	3,944	2,645	1,957	15,900
1953	1,404	0	0	0	0	0	0	2,100	3,460	2,674	2,282	1,737	13,700
1954	551	0	0	0	0	0	859	2,369	2,986	2,210	2,333	718	12,000
1955	366	0	0	0	0	0	0	2,700	3,532	2,904	1,899	1,645	13,000
1956	190	0	0	0	0	0	1,400	2,800	3,494	2,161	2,285	771	13,100
1957	359	0	0	0	0	0	0	1,600	3,600	3,373	2,270	1,722	12,900
1958	380	0	0	0	0	0	0	4,221	3,967	2,788	2,390	1,162	14,900
1959	329	0	0	0	0	0	410	1,921	2,876	1,624	1,535	465	9,200
1960	40	0	0	0	0	0	1,200	2,123	3,284	2,222	1,850	470	11,200
1961	319	0	0	0	0	0	1,100	1,976	2,017	1,073	760	326	7,600
1962	0	0	0	0	0	0	80	4,600	2,319	2,013	1,895	472	11,400
1963	137	0	0	0	0	1,300	630	2,500	1,597	1,792	1,828	383	10,200
1964	144	0	0	0	0	0	0	1,900	1,800	3,764	2,112	1,178	10,900
1965	51	0	0	0	0	0	0	4,000	3,403	2,471	1,931	1,011	12,900
1966	150	0	0	0	0	0	1,900	2,785	3,183	1,893	1,948	576	12,400
1967	67	0	0	0	0	0	280	5,000	1,730	3,505	2,540	1,633	14,800
1968	0	0	0	0	0	0	0	2,000	4,468	3,403	1,635	1,676	13,200
1969	171	0	0	0	0	0	40	5,200	2,944	3,019	3,152	1,414	15,900
1970	247	0	0	0	0	0	0	3,200	2,608	3,187	2,998	966	13,200
1971	121	0	0	0	0	0	580	3,800	3,519	3,709	3,403	712	15,800
1972	20	0	0	0	0	0	360	4,599	3,297	3,011	1,560	380	13,200
1973	0	0	0	0	0	0	0	3,000	3,600	4,282	2,934	1,138	15,000
Average	280	0	0	0	0	30	520	3,000	3,200	2,600	1,900	1,000	12,600

BASELINE
Spanish Fork River below East Bench Diversion Dam - Diversions to East Bench Canal
Location #8
Water Year Monthly Summary
(cfs)

(8b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	2	0	0	0	0	0	27	55	58	36	35	17	19
1931	0	0	0	0	0	0	6	40	47	35	17	11	13
1932	4	0	0	0	0	0	25	70	55	53	34	17	22
1933	5	0	0	0	0	0	8	59	81	46	27	14	20
1934	4	0	0	0	0	0	11	21	14	8	9	9	6
1935	2	0	0	0	0	0	29	42	68	36	26	12	18
1936	4	0	0	0	0	0	12	77	60	27	29	20	19
1937	6	0	0	0	0	0	0	73	60	39	32	20	19
1938	6	0	0	0	0	0	8	41	79	41	25	14	18
1939	9	0	0	0	0	0	17	44	44	34	22	12	15
1940	4	0	0	0	0	0	8	57	51	21	16	6	14
1941	7	0	0	0	0	0	0	64	52	30	26	20	17
1942	5	0	0	0	0	0	0	39	65	42	27	17	16
1943	7	0	0	0	0	0	29	44	45	45	29	19	18
1944	8	0	0	0	0	0	0	20	57	58	28	20	16
1945	7	0	0	0	0	0	0	22	49	54	23	22	15
1946	7	0	0	0	0	0	3	51	60	39	20	22	17
1947	4	0	0	0	0	0	7	72	25	55	38	21	18
1948	6	0	0	0	0	0	0	63	48	50	29	22	18
1949	5	0	0	0	0	0	20	49	62	42	38	26	20
1950	4	0	0	0	0	0	7	43	69	33	37	24	18
1951	8	0	0	0	0	0	17	41	59	49	35	25	20
1952	5	0	0	0	0	0	0	37	81	64	43	33	22
1953	23	0	0	0	0	0	0	0	34	58	44	37	19
1954	9	0	0	0	0	0	14	39	50	36	38	12	17
1955	6	0	0	0	0	0	0	44	59	47	31	28	18
1956	3	0	0	0	0	0	24	46	59	35	37	13	18
1957	6	0	0	0	0	0	0	26	61	55	37	29	18
1958	6	0	0	0	0	0	0	69	67	45	39	20	20
1959	5	0	0	0	0	0	0	31	48	26	25	8	13
1960	1	0	0	0	0	0	20	35	55	36	30	8	15
1961	5	0	0	0	0	0	19	32	34	17	12	5	10
1962	0	0	0	0	0	0	1	75	39	33	31	8	16
1963	2	0	0	0	0	21	11	41	27	29	30	6	14
1964	2	0	0	0	0	0	0	31	30	61	34	20	15
1965	1	0	0	0	0	0	0	65	57	40	31	17	18
1966	2	0	0	0	0	0	32	45	54	31	32	10	17
1967	1	0	0	0	0	0	5	81	29	57	41	27	20
1968	0	0	0	0	0	0	0	33	75	55	27	28	18
1969	3	0	0	0	0	0	1	85	50	49	51	24	22
1970	4	0	0	0	0	0	0	52	44	52	49	16	18
1971	2	0	0	0	0	0	10	62	59	60	55	12	22
1972	0	0	0	0	0	0	6	75	56	49	25	6	18
1973	0	0	0	0	0	0	0	49	61	70	48	19	21
Average	5	0	0	0	0	0	9	49	54	42	32	17	17

BASELINE
Spanish Fork River below Mill Race Diversion - Total Flow
Location #9
Water Year Monthly Summary
(Acre-Feet)

(9a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	5,205	5,720	6,550	4,400	6,260	12,025	16,218	4,016	2,527	558	432	1,373	65,300
1931	5,680	5,000	5,600	4,400	5,200	8,750	9,338	1,139	1,965	920	267	375	48,600
1932	906	3,500	5,100	3,400	5,200	4,600	8,245	0	1,876	0	745	427	34,000
1933	1,639	4,300	4,700	3,508	2,907	4,738	618	723	2,506	2,868	1,845	1,661	32,000
1934	2,252	3,237	3,416	3,253	3,400	3,705	236	1,049	1,057	939	799	444	23,800
1935	1,085	2,580	2,755	2,790	3,166	3,510	1,398	2,503	2,324	1,898	703	735	25,400
1936	717	2,943	2,760	2,923	3,155	5,755	20,341	8,689	840	2,339	615	448	51,500
1937	1,824	3,699	3,503	3,620	4,967	10,455	19,261	11,816	2,902	1,584	719	592	64,900
1938	2,350	4,326	4,185	4,126	4,203	9,495	13,638	12,992	314	629	1,220	596	58,100
1939	1,774	4,040	4,580	4,264	3,622	11,701	6,665	485	640	863	606	745	40,000
1940	2,269	3,495	3,425	3,759	4,499	7,417	10,526	5,053	1,392	666	799	879	44,200
1941	2,424	3,852	3,812	3,776	4,542	5,341	5,812	7,308	1,818	1,477	1,000	648	41,800
1942	2,851	4,429	4,343	4,191	3,981	8,237	20,828	12,337	1,334	1,323	810	489	65,200
1943	2,267	4,901	4,933	4,731	6,158	7,468	5,107	1,129	1,787	1,127	746	495	40,800
1944	2,291	3,880	3,878	3,461	4,147	6,056	10,710	23,921	2,970	1,015	921	601	63,900
1945	2,356	4,746	4,085	4,173	5,623	6,063	8,219	18,585	3,395	1,141	1,136	677	60,200
1946	2,913	4,639	4,467	4,554	5,020	7,661	18,872	3,848	1,101	707	768	708	55,300
1947	3,496	4,806	4,677	3,890	4,887	9,834	10,621	4,650	2,309	1,088	970	989	52,200
1948	2,230	3,898	3,723	3,560	4,635	6,351	11,330	9,055	255	238	919	638	46,800
1949	2,060	3,866	3,808	3,963	4,092	6,990	10,600	11,848	1,454	832	1,272	713	51,500
1950	3,327	4,326	3,896	4,520	5,169	7,163	11,286	9,576	1,164	1,765	1,625	936	54,800
1951	2,141	5,086	5,209	4,128	4,974	5,852	7,255	4,400	1,499	1,284	948	735	43,500
1952	2,092	4,019	3,917	4,590	4,655	6,625	62,719	97,623	7,532	1,908	807	839	197,300
1953	817	7,760	8,065	8,049	6,222	8,152	7,922	2,232	422	1,287	1,245	794	53,000
1954	2,333	4,629	4,425	4,502	4,707	5,281	6,115	108	1,171	801	1,056	578	35,700
1955	1,031	3,513	3,479	3,176	3,148	6,482	7,961	3,293	688	1,184	1,031	19	35,000
1956	812	3,467	4,598	4,713	3,669	6,290	4,159	0	1,158	988	1,204	0	31,100
1957	2,063	3,116	3,560	3,437	5,472	6,583	9,599	19,833	8,395	1,883	1,093	590	65,600
1958	2,849	4,374	4,560	4,506	5,359	8,069	16,168	17,580	180	1,397	1,124	612	66,800
1959	1,930	4,465	4,558	4,637	4,471	5,141	2,001	0	977	855	674	268	30,000
1960	1,784	2,676	2,690	3,055	3,291	5,602	3,915	0	0	0	0	439	23,500
1961	1,871	2,830	2,489	2,789	2,801	3,558	694	0	0	368	315	467	18,200
1962	2,508	2,539	2,515	3,057	7,339	6,010	20,441	3,881	872	632	877	492	51,200
1963	3,216	3,622	3,062	3,269	4,149	1,554	74	1,176	1,621	2,389	1,047	728	25,900
1964	2,532	3,172	3,209	3,031	2,408	3,161	7,511	13,295	3,286	1,453	839	200	44,100
1965	3,340	3,130	3,769	4,399	4,251	5,666	13,158	8,341	3,920	1,812	1,242	1,545	54,600
1966	3,066	4,277	4,120	3,991	4,552	9,063	3,759	808	1,479	656	1,030	413	37,200
1967	3,319	3,279	3,275	3,894	3,646	7,567	5,907	2,087	6,907	414	1,155	645	42,100
1968	4,688	4,082	3,913	3,848	4,830	6,411	10,451	15,403	3,221	3,212	2,223	2,894	65,200
1969	5,255	4,915	4,588	5,897	4,794	8,928	38,614	13,518	5,563	1,999	3,336	2,750	100,200
1970	5,249	4,122	4,860	5,343	5,294	5,881	4,717	6,294	4,092	653	1,319	2,515	50,300
1971	5,276	5,169	4,352	5,207	5,788	9,142	13,406	11,950	10	810	1,414	1,049	63,600
1972	5,365	5,292	5,034	5,020	5,524	9,812	5,971	1,787	0	776	1,494	113	46,200
1973	4,581	4,491	4,173	3,961	3,997	6,214	16,372	37,987	1,221	184	693	1,769	85,600
Average	2,700	4,100	4,200	4,100	4,500	6,800	11,100	9,400	2,000	1,200	1,000	810	52,000

BASELINE
Spanish Fork River below Mill Race Diversion - Total Flow
Location #9
Water Year Monthly Summary
(cfs)

(9a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	85	96	107	72	113	196	273	65	43	9	7	23	91
1931	93	84	91	72	94	143	157	19	33	15	4	6	68
1932	15	59	83	55	91	75	139	0	32	0	12	7	47
1933	27	72	77	57	52	77	10	12	42	47	30	28	44
1934	37	54	56	53	61	60	4	17	18	15	13	7	33
1935	18	43	45	45	57	57	24	41	39	31	11	12	35
1936	12	50	45	48	55	94	342	142	14	38	10	8	71
1937	30	62	57	59	90	170	324	193	49	26	12	10	90
1938	38	73	68	67	76	155	230	212	5	10	20	10	80
1939	29	68	75	69	65	191	112	8	11	14	10	13	55
1940	37	59	56	61	78	121	177	82	23	11	13	15	61
1941	39	65	62	62	82	87	98	119	31	24	16	11	58
1942	46	75	71	68	72	134	351	201	22	22	13	8	90
1943	37	83	80	77	111	122	86	18	30	18	12	8	57
1944	37	65	63	56	72	99	180	390	50	17	15	10	88
1945	38	80	67	68	101	99	138	303	57	19	19	11	83
1946	47	78	73	74	91	125	318	63	19	12	13	12	77
1947	57	81	76	63	88	160	179	76	39	18	16	17	72
1948	36	66	61	58	81	103	191	148	4	4	15	11	65
1949	34	65	62	65	74	114	178	193	24	14	21	12	71
1950	54	73	63	74	93	117	190	156	20	29	26	16	76
1951	35	86	85	67	90	95	122	72	25	21	15	12	60
1952	34	68	64	75	81	108	1,056	1,590	127	31	13	14	272
1953	13	131	131	131	112	133	133	36	7	21	20	13	74
1954	38	78	72	73	85	86	103	2	20	13	17	10	50
1955	17	59	57	52	57	106	134	54	12	19	17	0	49
1956	13	58	75	77	64	102	70	0	19	16	20	0	43
1957	34	52	58	56	99	107	162	323	141	31	18	10	91
1958	46	74	74	73	97	131	272	286	3	23	18	10	92
1959	31	75	74	76	81	84	34	0	16	14	11	5	42
1960	29	45	44	50	57	91	66	0	0	0	0	7	32
1961	30	48	41	45	51	58	12	0	0	6	5	8	25
1962	41	43	41	50	132	98	344	63	15	10	14	8	72
1963	52	61	50	53	75	25	1	19	27	39	17	12	36
1964	41	53	52	49	42	51	126	217	55	24	14	3	61
1965	54	53	61	72	77	92	222	136	66	30	20	26	76
1966	50	72	67	65	82	148	63	13	25	11	17	7	52
1967	54	55	53	63	66	123	99	34	116	7	19	11	58
1968	76	69	64	63	84	104	176	251	54	52	36	49	90
1969	86	83	75	96	86	145	650	220	94	33	54	46	139
1970	86	69	79	87	95	96	79	103	69	11	21	42	70
1971	86	87	71	85	104	149	226	195	0	13	23	18	88
1972	87	89	82	82	96	160	101	29	0	13	24	2	64
1973	75	76	68	65	72	101	276	619	21	3	11	30	118
Average	44	69	68	67	81	111	187	153	34	19	17	14	72

BASELINE
Spanish Fork River - Flow Gains above Mill Race Diversion
Location #9
Water Year Monthly Summary
(Acre-Feet)

(9b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	5,224	5,720	6,550	4,400	6,260	12,025	17,396	7,374	6,027	3,328	3,391	3,864	81,600
1931	5,680	5,000	5,600	4,400	5,200	8,750	10,149	4,165	4,942	3,324	1,974	1,968	61,200
1932	1,635	3,500	5,100	3,400	5,200	4,600	9,502	2,355	5,078	0	3,761	1,954	46,100
1933	2,743	4,300	4,700	3,508	2,907	4,738	1,650	3,710	7,125	6,516	4,227	3,532	49,700
1934	2,892	3,237	3,416	3,253	3,400	3,705	1,843	3,077	2,449	2,227	1,980	1,537	33,000
1935	1,085	2,580	2,755	2,790	3,166	3,510	2,108	5,456	6,515	4,400	2,566	2,427	39,400
1936	2,172	2,943	2,760	2,923	3,155	5,755	21,330	10,895	5,022	5,534	2,995	2,523	68,000
1937	2,997	3,699	3,503	3,620	4,967	10,455	19,261	8,869	6,534	4,798	2,471	2,585	73,800
1938	3,296	4,326	4,185	4,126	4,203	9,495	14,704	16,524	5,140	3,260	3,577	2,445	75,300
1939	2,820	4,040	4,580	4,264	3,622	11,701	8,634	3,873	3,055	3,200	1,835	2,125	53,700
1940	3,109	3,495	3,425	3,759	4,499	7,417	10,835	8,966	3,855	2,843	2,558	2,569	57,300
1941	3,279	3,852	3,812	3,776	4,542	5,341	5,812	10,739	5,111	4,571	3,530	2,048	56,400
1942	3,729	4,429	4,343	4,191	3,981	8,237	20,828	14,327	5,676	4,992	3,440	2,129	80,300
1943	3,194	4,901	4,933	4,731	6,158	7,468	6,774	4,470	4,690	3,720	3,046	2,383	56,500
1944	3,235	3,880	3,878	3,461	4,147	6,056	10,710	21,458	6,137	4,497	2,692	2,265	72,400
1945	3,316	4,746	4,085	4,173	5,623	6,063	8,219	19,330	6,455	4,032	3,254	2,660	72,000
1946	3,759	4,639	4,467	4,554	5,020	7,661	18,872	7,456	3,914	4,471	2,659	2,315	69,800
1947	4,201	4,806	4,677	3,890	4,887	9,834	10,621	8,450	5,164	3,365	2,607	2,765	65,300
1948	3,115	3,898	3,723	3,560	4,635	6,351	11,330	12,769	3,896	1,655	1,545	1,621	58,100
1949	2,998	3,866	3,808	3,963	4,092	6,990	11,274	15,099	5,632	3,530	3,298	2,778	67,300
1950	4,062	4,326	3,896	4,520	5,169	7,163	11,828	13,267	5,834	5,476	3,570	3,181	72,300
1951	3,058	5,086	5,209	4,128	4,974	5,852	8,617	7,799	5,802	4,310	3,116	2,717	60,700
1952	3,149	4,019	3,917	4,590	4,655	6,625	29,700	19,117	9,555	6,386	4,376	4,032	100,100
1953	3,486	7,760	8,065	8,049	6,222	8,152	7,922	5,540	4,403	4,128	3,770	2,586	70,100
1954	3,487	4,629	4,425	4,502	4,707	5,281	6,627	2,027	2,657	3,221	2,807	2,400	46,800
1955	2,019	3,513	3,479	3,176	3,148	6,482	8,310	7,133	2,404	4,438	3,638	786	48,500
1956	1,720	3,467	4,598	4,713	3,669	6,290	6,123	4,117	2,058	3,772	2,449	210	43,200
1957	2,976	3,116	3,560	3,437	5,472	6,583	9,599	21,816	11,534	5,900	3,422	2,445	79,900
1958	4,078	4,374	4,560	4,506	5,359	8,069	16,168	15,195	3,873	4,627	4,579	2,721	78,100
1959	3,089	4,465	4,558	4,637	4,471	5,141	3,282	431	2,891	3,138	2,802	1,665	40,600
1960	2,208	2,676	2,690	3,055	3,291	5,602	4,928	60	0	0	281	1,405	26,200
1961	2,500	2,830	2,489	2,789	2,801	3,558	1,454	0	31	1,294	1,646	1,742	23,100
1962	2,508	2,539	2,515	3,057	7,339	6,010	20,731	7,163	4,317	3,606	3,318	2,218	65,300
1963	3,588	3,622	3,062	3,269	4,149	1,554	1,783	4,483	4,246	5,089	3,525	2,462	40,800
1964	3,031	3,172	3,209	3,031	2,408	3,161	7,511	14,208	6,189	5,253	2,661	849	54,700
1965	3,450	3,130	3,769	4,399	4,251	5,666	13,158	12,074	8,065	5,062	4,129	3,221	70,400
1966	3,544	4,277	4,120	3,991	4,552	9,063	4,962	4,092	2,607	3,260	3,903	2,276	50,600
1967	3,790	3,279	3,275	3,894	3,646	7,567	6,206	5,202	10,022	4,406	3,947	2,708	57,900
1968	4,688	4,082	3,913	3,848	4,830	6,411	10,451	17,635	6,552	7,089	4,986	5,140	79,600
1969	5,635	4,915	4,588	5,897	4,794	8,928	28,330	6,749	9,328	5,789	7,086	5,225	97,300
1970	5,555	4,122	4,860	5,343	5,294	5,881	5,240	9,764	7,200	4,044	4,962	4,487	66,800
1971	5,475	5,169	4,352	5,207	5,788	9,142	14,519	15,207	3,047	2,883	3,186	3,126	77,100
1972	5,455	5,292	5,034	5,020	5,524	9,812	6,643	5,469	2,555	2,220	3,436	2,106	58,600
1973	4,581	4,491	4,173	3,961	3,997	6,214	16,372	18,061	5,632	3,556	2,998	4,762	78,800
Average	3,400	4,100	4,200	4,100	4,500	6,800	10,700	9,200	5,100	3,900	3,200	2,600	61,900

BASELINE
Spanish Fork River - Flow Gains above Mill Race Diversion
Location #9
Water Year Monthly Summary
(cfs)

(9b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	85	96	107	72	113	196	293	120	101	54	55	65	113
1931	93	84	91	72	94	143	171	68	83	54	32	33	85
1932	27	59	83	55	91	75	160	38	85	0	61	33	64
1933	45	72	77	57	52	77	28	60	120	106	69	59	69
1934	47	54	56	53	61	60	31	50	41	36	32	26	46
1935	18	43	45	45	57	57	35	89	110	72	42	41	55
1936	35	50	45	48	55	94	359	177	85	90	49	42	94
1937	49	62	57	59	90	170	324	144	110	78	40	44	102
1938	54	73	68	67	76	155	248	269	87	53	58	41	104
1939	46	68	75	69	65	191	145	63	51	52	30	36	74
1940	51	59	56	61	78	121	182	146	65	46	42	43	79
1941	53	65	62	62	82	87	98	175	86	74	58	34	78
1942	61	75	71	68	72	134	351	233	96	81	56	36	111
1943	52	83	80	77	111	122	114	73	79	61	50	40	78
1944	53	65	63	56	72	99	180	350	103	73	44	38	100
1945	54	80	67	68	101	99	138	315	109	66	53	45	100
1946	61	78	73	74	91	125	318	121	66	73	43	39	97
1947	68	81	76	63	88	160	179	138	87	55	42	47	90
1948	51	66	61	58	81	103	191	208	66	27	25	27	80
1949	49	65	62	65	74	114	190	246	95	58	54	47	93
1950	66	73	63	74	93	117	199	216	98	89	58	54	100
1951	50	86	85	67	90	95	145	127	98	70	51	46	84
1952	51	68	64	75	81	108	500	311	161	104	71	68	139
1953	57	131	131	131	112	133	133	90	74	67	61	44	97
1954	57	78	72	73	85	86	112	33	45	52	46	40	65
1955	33	59	57	52	57	106	140	116	40	72	59	13	67
1956	28	58	75	77	64	102	103	67	35	61	40	4	60
1957	48	52	58	56	99	107	162	355	194	96	56	41	110
1958	66	74	74	73	97	131	272	248	65	75	75	46	108
1959	50	75	74	76	81	84	55	7	49	51	46	28	56
1960	36	45	44	50	57	91	83	1	0	0	5	24	36
1961	41	48	41	45	51	58	24	0	1	21	27	29	32
1962	41	43	41	50	132	98	349	117	73	59	54	37	91
1963	58	61	50	53	75	25	30	73	71	83	57	41	57
1964	49	53	52	49	42	51	126	231	104	86	43	14	75
1965	56	53	61	72	77	92	222	197	136	82	67	54	97
1966	58	72	67	65	82	148	84	67	44	53	64	38	70
1967	62	55	53	63	66	123	104	85	169	72	64	46	80
1968	76	69	64	63	84	104	176	287	110	115	81	87	110
1969	92	83	75	96	86	145	477	110	157	94	115	88	135
1970	91	69	79	87	95	96	88	159	121	66	81	76	92
1971	89	87	71	85	104	149	244	248	51	47	52	53	107
1972	89	89	82	82	96	160	112	89	43	36	56	35	81
1973	75	76	68	65	72	101	276	294	95	58	49	80	109
Average	56	69	68	67	81	111	181	150	85	64	53	43	86

BASELINE
Spanish Fork River - Diversions to Mill Race Canal
Location #9
Water Year Monthly Summary
(Acre-Feet)

(9c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	19	0	0	0	0	0	1,179	3,358	3,500	2,770	2,959	2,491	16,300
1931	0	0	0	0	0	0	811	3,027	2,977	2,404	1,707	1,593	12,500
1932	729	0	0	0	0	0	1,258	2,355	3,202	0	3,016	1,527	12,100
1933	1,103	0	0	0	0	0	1,032	2,987	4,619	3,648	2,382	1,871	17,600
1934	640	0	0	0	0	0	1,608	2,028	1,391	1,287	1,181	1,093	9,200
1935	0	0	0	0	0	0	710	2,952	4,191	2,503	1,863	1,692	13,900
1936	1,455	0	0	0	0	0	989	5,375	4,182	3,195	2,380	2,074	19,700
1937	1,173	0	0	0	0	0	0	4,702	3,632	3,213	1,752	1,993	16,500
1938	946	0	0	0	0	0	1,066	3,532	4,826	2,632	2,357	1,849	17,200
1939	1,046	0	0	0	0	0	1,969	3,388	2,415	2,337	1,230	1,380	13,800
1940	840	0	0	0	0	0	309	3,912	2,462	2,177	1,760	1,690	13,200
1941	854	0	0	0	0	0	0	3,431	3,293	3,095	2,530	1,400	14,600
1942	879	0	0	0	0	0	0	1,990	4,342	3,668	2,630	1,640	15,200
1943	927	0	0	0	0	0	1,667	3,342	2,903	2,594	2,299	1,888	15,600
1944	944	0	0	0	0	0	0	649	3,166	3,482	1,771	1,663	11,700
1945	960	0	0	0	0	0	0	745	3,060	2,890	2,118	1,984	11,800
1946	846	0	0	0	0	0	0	3,609	2,813	3,764	1,890	1,607	14,500
1947	706	0	0	0	0	0	0	3,800	2,855	2,278	1,638	1,776	13,100
1948	885	0	0	0	0	0	0	3,714	3,641	1,418	626	983	11,300
1949	937	0	0	0	0	0	674	3,251	4,177	2,698	2,026	2,065	15,800
1950	735	0	0	0	0	0	542	3,691	4,670	3,711	1,945	2,245	17,500
1951	917	0	0	0	0	0	1,362	3,399	4,303	3,026	2,169	1,982	17,200
1952	1,057	0	0	0	0	0	0	3,030	4,199	4,478	3,569	3,193	19,500
1953	2,669	0	0	0	0	0	0	3,308	3,981	2,842	2,524	1,792	17,100
1954	1,154	0	0	0	0	0	512	1,919	1,486	2,420	1,751	1,822	11,100
1955	988	0	0	0	0	0	349	3,840	1,717	3,254	2,607	767	13,500
1956	908	0	0	0	0	0	1,964	4,117	900	2,784	1,245	210	12,100
1957	913	0	0	0	0	0	0	1,983	3,139	4,017	2,329	1,855	14,200
1958	1,229	0	0	0	0	0	0	3,657	3,693	3,230	3,455	2,108	17,400
1959	1,159	0	0	0	0	0	1,281	431	1,913	2,284	2,128	1,398	10,600
1960	424	0	0	0	0	0	1,013	60	0	0	281	965	2,700
1961	628	0	0	0	0	0	760	0	31	926	1,331	1,275	5,000
1962	0	0	0	0	0	0	290	3,282	3,445	2,975	2,441	1,726	14,200
1963	372	0	0	0	0	0	1,709	3,307	2,625	2,701	2,478	1,734	14,900
1964	499	0	0	0	0	0	0	913	2,903	3,800	1,823	649	10,600
1965	110	0	0	0	0	0	0	3,733	4,145	3,250	2,887	1,676	15,800
1966	478	0	0	0	0	0	1,203	3,284	1,128	2,604	2,873	1,863	13,400
1967	471	0	0	0	0	0	299	3,115	3,115	3,993	2,792	2,063	15,800
1968	0	0	0	0	0	0	0	2,232	3,331	3,877	2,763	2,246	14,400
1969	380	0	0	0	0	0	502	4,873	3,766	3,790	3,750	2,479	19,500
1970	306	0	0	0	0	0	523	3,470	3,113	3,388	3,640	1,974	16,400
1971	199	0	0	0	0	0	1,113	3,257	3,036	2,075	1,777	2,081	13,500
1972	90	0	0	0	0	0	672	3,682	2,555	1,445	1,945	1,993	12,400
1973	0	0	0	0	0	0	0	2,838	4,409	3,375	2,310	2,989	15,900
Average	720	0	0	0	0	0	620	2,900	3,100	2,800	2,200	1,800	14,100

BASELINE
Spanish Fork River - Diversions to Mill Race Canal
Location #9
Water Year Monthly Summary
(cfs)

(9c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	0	0	0	0	0	0	20	55	59	45	48	42	22
1931	0	0	0	0	0	0	14	49	50	39	28	27	17
1932	12	0	0	0	0	0	21	38	54	0	49	26	17
1933	18	0	0	0	0	0	17	49	78	59	39	31	24
1934	10	0	0	0	0	0	27	33	23	21	19	18	13
1935	0	0	0	0	0	0	12	48	71	41	30	28	19
1936	24	0	0	0	0	0	17	88	70	52	39	35	27
1937	19	0	0	0	0	0	0	77	61	52	29	34	23
1938	15	0	0	0	0	0	18	58	81	43	38	31	24
1939	17	0	0	0	0	0	33	55	41	38	20	23	19
1940	14	0	0	0	0	0	5	64	41	35	29	28	18
1941	14	0	0	0	0	0	0	56	55	50	41	24	20
1942	14	0	0	0	0	0	0	32	73	60	43	28	21
1943	15	0	0	0	0	0	28	54	49	42	37	32	21
1944	15	0	0	0	0	0	0	11	53	57	29	28	16
1945	16	0	0	0	0	0	0	12	52	47	34	33	16
1946	14	0	0	0	0	0	0	59	47	61	31	27	20
1947	11	0	0	0	0	0	0	62	48	37	27	30	18
1948	14	0	0	0	0	0	0	61	61	23	10	17	16
1949	15	0	0	0	0	0	11	53	70	44	33	35	22
1950	12	0	0	0	0	0	9	60	79	60	32	38	24
1951	15	0	0	0	0	0	23	55	72	49	35	33	24
1952	17	0	0	0	0	0	0	49	71	73	58	54	27
1953	43	0	0	0	0	0	0	54	67	46	41	30	23
1954	19	0	0	0	0	0	9	31	25	39	29	31	15
1955	16	0	0	0	0	0	6	63	29	53	42	13	18
1956	15	0	0	0	0	0	33	67	15	45	20	4	17
1957	15	0	0	0	0	0	0	32	53	65	38	31	20
1958	20	0	0	0	0	0	0	60	62	53	56	35	24
1959	19	0	0	0	0	0	22	7	32	37	35	24	15
1960	7	0	0	0	0	0	17	1	0	0	5	16	4
1961	10	0	0	0	0	0	13	0	1	15	22	21	7
1962	0	0	0	0	0	0	5	53	58	48	40	29	19
1963	6	0	0	0	0	0	29	54	44	44	40	29	21
1964	8	0	0	0	0	0	0	15	49	62	30	11	15
1965	2	0	0	0	0	0	0	61	70	53	47	28	22
1966	8	0	0	0	0	0	20	54	19	42	47	31	18
1967	8	0	0	0	0	0	5	51	52	65	45	35	22
1968	0	0	0	0	0	0	0	36	56	63	45	38	20
1969	6	0	0	0	0	0	8	79	63	62	61	42	27
1970	5	0	0	0	0	0	9	57	52	55	59	33	23
1971	3	0	0	0	0	0	19	53	51	34	29	35	19
1972	1	0	0	0	0	0	11	60	43	24	32	34	17
1973	0	0	0	0	0	0	0	46	74	55	38	50	22
Average	12	0	0	0	0	0	10	48	52	45	36	30	19

BASELINE
Spanish Fork River at Lakeshore Gage - Total Flow
Location #9
Water Year Monthly Summary
(Acre-Feet)

(10a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	3,394	6,489	8,186	5,690	7,187	17,869	23,958	100	0	0	100	2,196	75,200
1931	3,793	5,391	6,988	5,690	6,089	9,583	10,482	0	0	0	0	0	48,000
1932	100	3,294	6,189	3,494	5,879	5,990	12,079	100	100	100	100	0	37,400
1933	399	4,392	5,490	3,694	3,893	6,189	4,991	200	3,095	299	100	1,198	33,900
1934	399	2,895	3,194	3,095	4,392	5,191	200	0	0	0	0	0	19,400
1935	100	2,196	1,797	2,396	4,093	5,091	6,489	200	299	0	0	100	22,800
1936	1,597	2,496	1,997	2,595	3,952	6,888	29,948	20,464	100	599	100	1,497	72,200
1937	2,196	3,394	3,194	3,694	5,690	11,580	20,264	27,652	200	399	100	100	78,500
1938	998	4,292	4,492	4,715	5,271	10,743	12,644	7,932	119	92	61	30	51,400
1939	964	4,228	5,094	4,960	4,210	12,373	5,635	151	60	31	31	30	37,800
1940	2,627	2,279	1,671	4,324	4,976	7,252	5,677	422	18	18	12	36	29,300
1941	230	3,105	3,994	4,067	5,184	6,031	6,934	3,086	630	105	171	55	33,600
1942	2,400	4,218	4,610	5,194	4,928	8,748	18,627	11,401	143	95	61	60	60,500
1943	1,071	3,954	4,506	5,007	6,861	8,395	3,493	101	1,984	61	63	20	35,500
1944	1,841	3,691	4,085	4,298	5,054	7,635	12,375	22,471	2,088	158	39	47	63,800
1945	875	4,166	4,156	4,878	6,930	7,304	9,567	16,199	406	66	433	128	55,100
1946	2,055	4,514	4,900	5,158	5,734	8,965	20,586	58	30	27	75	245	52,300
1947	3,151	5,239	5,420	4,918	6,068	10,650	10,044	2,671	352	13	80	62	48,700
1948	2,225	4,469	4,590	4,649	5,085	7,097	11,371	2,318	206	47	29	36	42,100
1949	1,598	3,811	4,113	4,089	4,421	8,876	9,674	6,292	293	210	107	7	43,500
1950	3,071	4,621	4,423	5,464	6,223	8,001	11,884	9,025	79	56		15	52,900
1951	605	4,496	5,661	5,577	6,253	6,914	7,207	3,461	97	112	78	33	40,500
1952	2,813	4,057	4,324	5,211	5,630	8,829	64,643	93,133	16,583	105	258	2,376	208,000
1953	2,812	7,128	9,207	8,593	6,376	9,013	9,523	2,529	33	184	426	147	56,000
1954	1,618	4,617	5,283	5,732	5,696	6,952	6,122	7	1	16	3	183	36,200
1955	915	3,374	3,546	3,376	3,714	7,558	8,809	2,096	3	15	170	55	33,600
1956	960	3,330	5,299	6,009	4,990	8,474	4,906	189	30	31	29	20	34,300
1957	837	3,187	4,552	4,699	6,839	6,567	9,400	17,628	7,556	52	18	53	61,400
1958	2,553	5,071	5,631	5,435	6,463	8,999	15,498	15,008	133	23	25	73	64,900
1959	584	3,203	5,881	5,726	5,774	6,354	1,574	21	22	47	12	371	29,600
1960	886	975	3,247	4,336	3,902	6,567	4,483	42	75	54	104	960	25,600
1961	1,272	3,032	3,473	3,705	3,536	4,077	956	279	73	24	110	30	20,600
1962	583	2,855	2,750	3,396	7,328	7,366	21,536	4,110	1,272	50	38	33	51,300
1963	555	1,484	3,410	3,924	4,604	886	774	537	98	15	147	173	16,600
1964	67	3,070	3,699	3,600	2,937	4,069	8,116	12,130	15	151	94	44	38,000
1965	183	2,158	3,722	3,950	4,788	5,942	11,673	5,520	1,182	502	475	2,048	42,100
1966	2,267	4,242	5,348	5,447	4,866	9,334	3,593	279	94	54	73	141	35,700
1967	2,197	3,738	4,352	4,762	4,530	7,731	6,153	1,829	6,190	387	380	478	42,700
1968	2,877	4,027	3,861	3,022	5,645	7,340	10,922	12,787	3,473	1,016	856	692	56,500
1969	3,315	5,400	5,867	6,936	6,013	10,286	34,111	14,949	2,843	1,562	369	252	91,900
1970	4,793	5,591	6,294	7,243	6,773	7,737	5,675	3,871	2,711	352	681	2,164	53,900
1971	4,125	5,311	5,796	6,799	6,795	9,956	13,835	10,744	1,910	592	537	1,692	68,100
1972	5,334	6,207	6,477	7,256	6,804	10,298	6,914	795	729	113	149	761	51,800
1973	4,938	6,306	6,439	6,540	5,720	7,286	17,060	40,077	3,478	289	620	2,025	100,800
Average	1,900	4,000	4,700	4,800	5,400	7,900	11,800	8,500	1,300	180	170	470	51,200

BASELINE
Spanish Fork River at Lakeshore Gage - Total Flow
Location #9
Water Year Monthly Summary
(cfs)

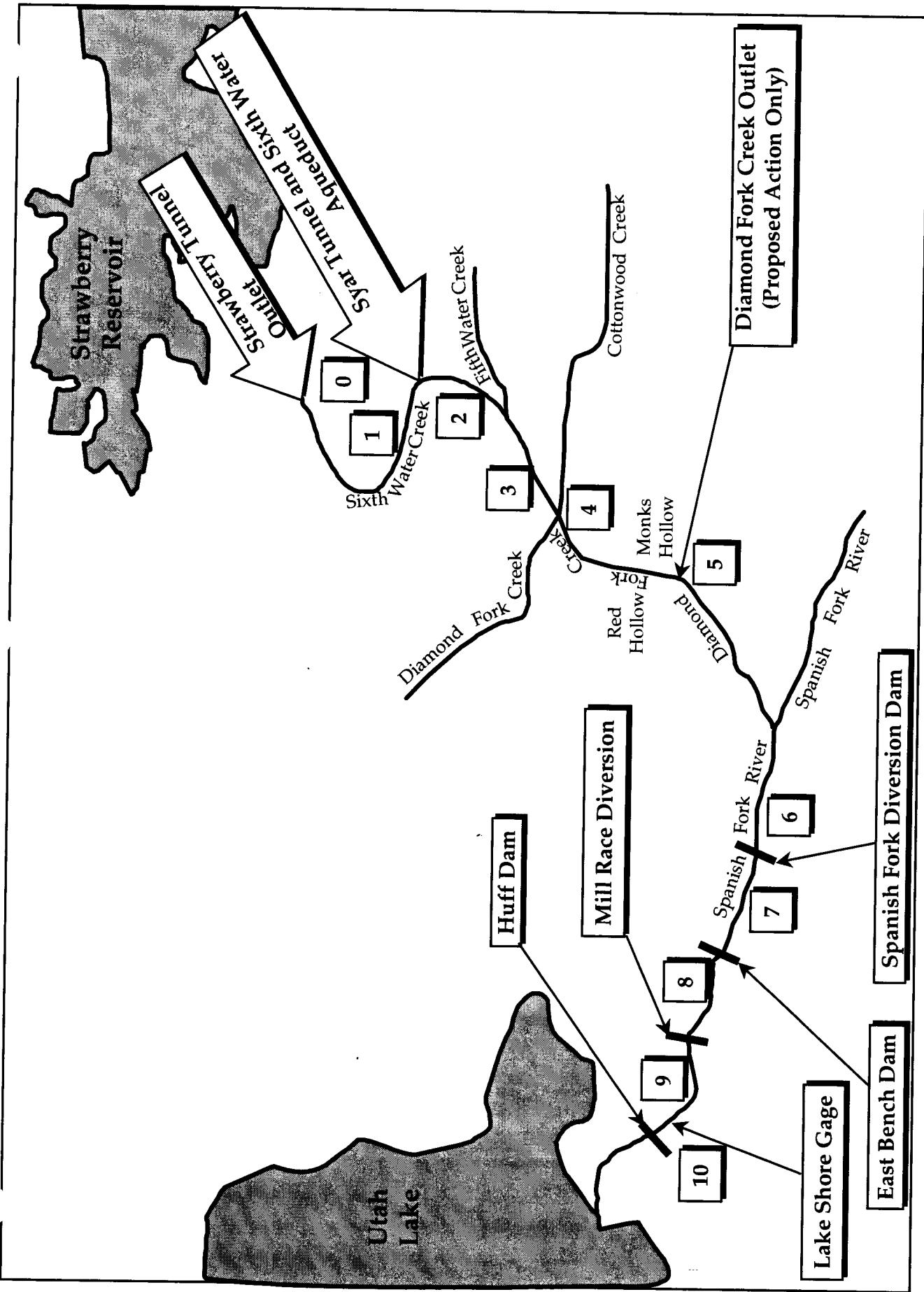
(10a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	55	109	133	93	130	291	403	2	0	0	2	37	105
1931	62	91	114	93	110	156	176	0	0	0	0	0	67
1932	2	55	101	57	102	98	203	2	2	2	2	0	52
1933	7	74	89	60	70	101	84	3	52	5	2	20	47
1934	7	49	52	50	79	85	3	0	0	0	0	0	27
1935	2	37	29	39	74	83	109	3	5	0	0	2	32
1936	26	42	33	42	69	112	504	333	2	10	2	25	100
1937	36	57	52	60	103	189	341	450	3	7	2	2	108
1938	16	72	73	77	95	175	213	129	2	1	1	1	71
1939	16	71	83	81	76	202	95	2	1	0	0	1	52
1940	43	38	27	70	87	118	96	7	0	0	0	1	41
1941	4	52	65	66	94	98	117	50	11	2	3	1	47
1942	39	71	75	85	89	143	314	186	2	2	1	1	84
1943	17	67	73	82	124	137	59	2	33	1	1	0	50
1944	30	62	67	70	88	124	208	366	35	3	1	1	88
1945	14	70	68	79	125	119	161	264	7	1	7	2	76
1946	33	76	80	84	103	146	347	1	1	0	1	4	73
1947	51	88	88	80	109	174	169	44	6	0	1	1	68
1948	36	75	75	76	89	116	191	38	3	1	0	1	58
1949	26	64	67	67	80	145	163	103	5	3	2	0	60
1950	50	78	72	89	112	130	200	147	1	1	0	0	73
1951	10	76	92	91	113	113	121	56	2	2	1	1	56
1952	46	68	70	85	98	144	1,088	1,517	279	2	4	40	287
1953	46	120	150	140	115	147	160	41	1	3	7	2	78
1954	26	78	86	93	103	113	103	0	0	0	0	3	51
1955	15	57	58	55	67	123	148	34	0	0	3	1	47
1956	16	56	86	98	87	138	83	3	1	0	0	0	47
1957	14	54	74	77	123	107	158	287	127	1	0	1	85
1958	42	85	92	89	117	147	261	245	2	0	0	1	90
1959	10	54	96	93	104	104	27	0	0	1	0	6	41
1960	14	16	53	71	68	107	75	1	1	1	2	16	35
1961	21	51	57	60	64	66	16	5	1	0	2	1	29
1962	9	48	45	55	132	120	363	67	21	1	1	1	72
1963	9	25	56	64	83	14	13	9	2	0	2	3	23
1964	1	52	60	59	51	66	137	198	0	2	2	1	52
1965	3	36	61	64	86	97	197	90	20	8	8	34	59
1966	37	71	87	89	88	152	60	5	2	1	1	2	50
1967	36	63	71	78	82	126	104	30	104	6	6	8	59
1968	47	68	63	49	98	120	184	208	58	17	14	12	78
1969	54	91	96	113	108	168	574	244	48	25	6	4	128
1970	78	94	103	118	122	126	96	63	46	6	11	36	75
1971	67	89	94	111	123	162	233	175	32	10	9	28	94
1972	87	104	106	118	118	168	116	13	12	2	2	13	72
1973	80	106	105	107	103	119	287	653	59	5	10	34	139
Average	30	67	77	79	97	129	199	138	22	3	3	8	71

PROPOSED ACTION FLOWS

Final Supplement to the Final Environmental Impact Statement
PROPOSED ACTION
Summary of Flows

Node	Location and Description	Average Annual Flow (Acre-feet)
0	Releases from Strawberry Reservoir	
0a	Strawberry Reservoir - Total Releases to Diamond Fork System	147,600
0b	Total Deliveries through Strawberry Tunnel	17,100
0c	Total Deliveries through Syar Tunnel	130,500
0d	Strawberry Valley Project - Total Releases from Strawberry Reservoir	61,500
0e	Strawberry Valley Project - Deliveries through Strawberry Tunnel	2,200
0f	Strawberry Valley Project - Deliveries through Syar Tunnel	59,300
0g	Bonneville Unit - Total Releases from Strawberry Reservoir	86,100
0h	Bonneville Unit - Deliveries through Strawberry Tunnel	14,900
0i	Bonneville Unit - Deliveries through Syar Tunnel	71,200
1	Sixth Water Creek above Sixth Water Aqueduct	
1a	Sixth Water Creek above Sixth Water Aqueduct - Total Flow	23,200
1b	Sixth Water Creek - Strawberry Tunnel Deliveries	17,100
1c	Sixth Water Creek - Strawberry Tunnel Seepage	3,600
1d	Sixth Water Creek-Natural Flow Gains, Strawberry Tunnel to Sixth Water Aqueduct	2,600
2	Sixth Water Creek below Sixth Water Aqueduct	
2a	Sixth Water Creek below Sixth Water Aqueduct - Total Flow	23,200
2b	Sixth Water Creek - Water Releases from Sixth Water Aqueduct	-
3	Sixth Water Creek below Fifth Water Creek	
3a	Sixth Water Creek below Fifth Water Creek - Total Flow	27,700
3b	Natural Flow Gains, Sixth Water Aqueduct to below Fifth Water Creek	4,500
4	Diamond Fork Creek below Three Forks	
4a	Diamond Fork Creek below Three Forks - Total Flow	37,600
4b	Diamond Fork Creek - Natural Flow Gains above Three Forks	9,800
5	Diamond Fork Creek below Diamond Fork Creek Outlet	
5a	Diamond Fork Creek below Diamond Fork Creek Outlet - Total Flow	55,400
5b	Diamond Fork Cr. below Diamond Fork Cr. Outlet - Releases from Diamond Fork Cr. Outlet	17,800
5c	Diamond Fork Cr. below Diamond Fork Cr. Outlet - SVP Water in Stream	11,900
5d	Diamond Fork Cr. below Diamond Fork Cr. Outlet - Bonneville Unit Water in Stream	22,900
5e	Diamond Fork Cr. below Diamond Fork Cr. Outlet - Natural Flow Water in Stream	16,900
6	Spanish Fork River at Castilla Gage	
6a	Spanish Fork River at Castilla Gage - Total Flow	237,900
6b	Diamond Fork Creek - Total Flow above Spanish Fork River Outlet	68,400
6c	Spanish Fork River - Diamond Fork Creek Natural Flow Gains below Red Hollow	13,100
6d	Spanish Fork River - Spanish Fork River Outlet Releases	112,600
6e	Spanish Fork River - Natural Flow Gains (excluding Diamond Fork Creek)	56,900
6f	Spanish Fork River at Castilla Gage - Strawberry Valley Project Water in Stream	61,500
6g	Spanish Fork River at Castilla Gage - Bonneville Unit Water in Stream	86,100
6h	Spanish Fork River at Castilla Gage - Total Natural Flow	86,800
7	Spanish Fork River below Spanish Fork Diversion Dam	
7a	Spanish Fork River below Spanish Fork Diversion Dam - Total Flow	104,200
7b	Spanish Fork R. below Spanish Fork Diversion Dam-Diversions to Power Canal	133,700
7c	Diversions to Power Canal - Strawberry Valley Project (SVP) Water	54,600
7d	Diversions to Power Canal - Bonneville Unit Supplemental Water	-
7e	Diversions to Power Canal - River Water	79,100
7f	Spanish Fork R. below Spanish Fork Div. Dam - SVP Water in Stream	6,900
7g	Spanish Fork R. below Spanish Fork Div. Dam - Bonneville Unit Water in Stream	86,100
7h	Spanish Fork River below Spanish Fork Diversion Dam - River Water	11,300
8	Spanish Fork River below East Bench Diversion Dam	
8a	Spanish Fork River below East Bench Diversion Dam - Total Flow	90,800
8b	Spanish Fork River below East Bench Diversion Dam - Flow Gains	-
8c	Spanish Fork River below East Bench Diversion Dam - Total Diversions	13,400
8d	Spanish Fork River below East Bench Diversion Dam - SVP Diversions	6,900
8e	Spanish Fork River below East Bench Diversion Dam - Bonneville Unit Suppl. Div.	-
8f	Spanish Fork River below East Bench Diversion Dam - River Water Diversions	6,400
8g	Spanish Fork R. below East Bench Div. Dam - SVP Water in Stream	-
8h	Spanish Fork R. below East Bench Div. Dam - Bonneville Unit Water in Stream	86,100
8i	Spanish Fork River below East Bench Diversion Dam - River Water	4,800
9	Spanish Fork River below Mill Race Diversion Dam	
9a	Spanish Fork River below Mill Race Diversion Dam - Total Flow	138,600
9b	Spanish Fork River - Flow Gains above Mill Race Diversion	61,900
9c	Spanish Fork River - Diversions to Mill Race Canal	14,100
9d	Spanish Fork River below Mill Race Diversion - SVP Water in Stream	2,500
9e	Spanish Fork River below Mill Race Diversion - Bonneville Unit Water in Stream	86,100
9f	Spanish Fork River below Mill Race Diversion - River Water	50,200
10	Spanish Fork River at Lake Shore Gage	
10a	Spanish Fork River at Lake Shore Gage - Total Flow	137,300
10b	Spanish Fork River at Lake Shore Gage - Bonneville Unit Water in Stream	86,100
10c	Spanish Fork River at Lake Shore Gage - River Water	51,200



Schematic of Diamond Fork System Flow Locations

PROPOSED ACTION
Strawberry Reservoir - Total Releases to Diamond Fork System
Location #0
Water Year Monthly Summary
(Acre-Feet)

(0a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	2,983	2,643	2,613	3,363	2,603	1,776	4,700	9,200	23,730	16,600	13,700	7,800	91,700
1931	2,885	4,642	8,338	10,119	9,773	9,604	6,520	18,023	24,373	20,632	17,886	8,213	141,000
1932	5,418	6,662	6,641	8,842	10,275	14,201	14,505	36,093	40,304	37,899	29,066	10,573	220,500
1933	3,108	8,501	9,102	10,223	9,257	11,184	10,071	8,795	21,752	23,054	14,530	17,091	146,700
1934	6,678	5,209	7,360	6,802	6,407	9,533	8,469	11,551	6,200	5,500	6,202	4,500	84,400
1935	3,700	4,174	6,705	8,336	7,995	7,408	2,786	20,719	35,468	15,936	12,519	14,021	139,800
1936	8,124	8,260	7,180	9,116	9,069	9,245	19,255	36,109	36,329	24,806	19,076	6,821	193,400
1937	9,662	8,736	9,673	11,858	11,677	13,885	18,906	36,407	32,262	24,755	21,932	12,140	211,900
1938	3,085	9,472	9,146	9,624	9,534	13,205	17,567	29,327	37,194	24,778	18,398	9,656	191,000
1939	3,365	8,968	8,672	9,336	9,039	11,707	13,499	25,193	23,803	25,427	14,882	9,812	163,700
1940	3,185	12,462	8,543	9,322	9,586	9,339	9,569	25,513	29,171	15,742	12,094	7,081	151,600
1941	5,561	6,614	8,280	9,826	9,831	11,545	9,236	18,067	24,833	24,054	15,124	11,500	154,500
1942	2,960	3,497	5,064	5,926	5,985	7,069	8,188	12,571	29,367	28,273	20,320	13,183	142,400
1943	3,181	9,213	9,279	9,963	9,469	10,665	12,564	25,845	25,114	32,727	24,179	17,968	190,200
1944	3,219	12,922	12,357	11,897	10,235	10,403	9,570	12,683	10,226	24,602	17,389	10,807	146,300
1945	3,011	4,042	5,274	5,909	6,846	7,811	7,192	11,400	16,972	26,794	6,500	9,000	110,800
1946	3,441	4,803	6,470	7,231	7,169	8,356	10,817	23,867	31,355	26,202	16,530	13,424	159,700
1947	2,988	4,505	5,413	5,971	6,205	7,628	8,427	11,786	6,700	21,400	14,900	10,500	106,400
1948	3,948	4,252	5,530	5,821	6,084	6,954	9,071	22,181	20,432	24,084	17,353	15,011	140,700
1949	3,123	4,181	5,901	7,169	6,670	8,566	11,081	17,805	26,313	25,720	23,351	12,984	152,900
1950	3,284	4,495	5,663	7,114	7,502	8,785	11,261	18,768	36,137	30,759	27,565	20,225	181,600
1951	2,598	4,175	6,465	7,675	7,899	8,881	13,423	18,642	26,952	30,649	18,776	13,708	159,800
1952	2,832	4,284	5,957	7,135	7,032	8,500	1,500	2,814	8,802	17,200	12,400	11,900	90,400
1953	7,469	4,031	6,184	2,809	2,499	2,509	1,526	5,910	20,300	21,400	15,100	10,300	100,000
1954	2,685	4,202	5,383	6,667	7,438	8,363	8,503	20,317	26,451	23,339	23,101	9,920	146,400
1955	3,177	4,214	5,499	6,338	6,535	8,050	7,469	13,085	27,355	31,791	19,870	10,877	144,300
1956	3,261	9,288	10,338	10,850	10,725	10,519	10,937	21,759	36,102	32,267	27,066	14,989	198,100
1957	3,643	8,640	9,624	10,432	11,037	11,823	10,690	13,354	23,469	39,365	30,307	20,987	193,400
1958	3,085	2,565	3,190	4,436	5,310	7,355	8,497	19,228	28,905	29,472	25,808	12,617	150,500
1959	2,981	5,144	6,200	6,939	7,315	8,164	6,932	16,191	28,261	20,447	15,597	8,974	133,100
1960	3,265	8,607	8,835	8,848	8,478	9,473	8,550	16,657	29,243	25,722	37,927	10,678	176,300
1961	7,219	9,236	5,089	6,199	6,858	8,164	7,016	14,358	19,890	15,256	11,704	5,931	116,900
1962	5,841	7,765	8,683	7,059	5,766	7,756	11,720	18,606	32,903	31,195	28,025	7,270	172,600
1963	9,849	4,338	5,927	6,705	7,467	8,732	9,072	15,191	18,883	26,439	17,081	5,821	135,500
1964	8,162	4,795	6,926	7,758	7,526	8,249	8,626	14,817	23,847	40,958	28,363	17,795	177,800
1965	2,881	8,685	9,757	9,825	9,726	9,576	10,164	15,487	23,357	28,892	12,837	6,270	147,500
1966	2,783	4,538	6,479	7,363	7,480	8,871	9,060	17,950	30,543	22,630	20,276	9,471	147,400
1967	2,686	6,040	7,342	7,894	7,823	8,981	9,262	12,054	18,040	39,280	28,508	19,334	167,200
1968	2,720	3,757	5,461	6,436	7,134	8,242	8,489	9,595	20,820	29,293	12,200	10,650	124,800
1969	2,378	4,419	5,770	8,239	8,820	9,863	17,817	12,935	11,400	18,000	20,100	9,800	129,500
1970	3,493	4,202	5,853	7,328	7,951	8,736	7,377	13,206	11,732	20,507	21,500	7,000	118,900
1971	3,526	4,199	6,033	6,919	7,230	8,006	12,628	2,905	13,600	21,910	22,000	3,425	112,400
1972	3,359	4,262	6,193	7,513	7,763	10,792	14,207	14,100	16,100	19,000	15,800	3,900	123,000
1973	3,007	3,924	5,548	6,463	6,817	8,066	10,543	3,065	11,708	21,000	18,800	6,500	105,400
Average	4,100	6,000	7,000	7,800	7,800	9,000	9,900	16,900	23,800	25,100	19,200	10,900	147,600

PROPOSED ACTION
Strawberry Reservoir - Total Releases to Diamond Fork System
Location #0
Water Year Monthly Summary
(cfs)

3/17/99

0a

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	49	44	43	55	47	29	79	150	399	270	223	131	127
1931	47	78	136	165	176	156	110	294	410	336	291	138	195
1932	88	112	108	144	179	231	244	588	679	617	474	178	304
1933	51	143	148	167	167	182	170	143	366	376	237	288	203
1934	109	88	120	111	116	155	143	188	104	90	101	76	117
1935	60	70	109	136	144	121	47	338	597	260	204	236	193
1936	132	139	117	149	158	151	324	588	612	404	311	115	267
1937	157	147	158	193	211	226	318	593	543	403	357	204	293
1938	50	159	149	157	172	215	296	478	626	404	300	163	264
1939	55	151	141	152	163	191	227	410	401	414	242	165	226
1940	52	210	139	152	167	152	161	416	491	256	197	119	209
1941	91	111	135	160	177	188	155	294	418	392	246	194	214
1942	48	59	83	97	108	115	138	205	494	461	331	222	197
1943	52	155	151	162	171	174	212	421	423	533	394	302	262
1944	52	218	201	194	178	169	161	207	172	401	283	182	202
1945	49	68	86	96	123	127	121	186	286	437	106	152	153
1946	56	81	105	118	129	136	182	389	528	427	269	226	221
1947	49	76	88	97	112	124	142	192	113	349	243	177	147
1948	64	72	90	95	106	113	153	361	344	392	283	253	194
1949	51	70	96	117	120	140	187	290	443	419	380	219	211
1950	54	76	92	116	135	143	190	306	608	501	449	340	251
1951	42	70	105	125	142	145	226	304	454	499	306	231	221
1952	46	72	97	116	122	138	25	46	148	280	202	200	125
1953	122	68	101	46	45	41	26	96	342	349	246	173	138
1954	44	71	88	109	134	136	143	331	445	380	376	167	202
1955	52	71	90	103	118	131	126	213	461	518	324	183	199
1956	53	156	168	177	187	171	184	354	608	526	441	252	273
1957	59	145	157	170	199	193	180	218	395	641	494	353	267
1958	50	43	52	72	96	120	143	313	487	480	420	212	207
1959	49	87	101	113	132	133	117	264	476	333	254	151	184
1960	53	145	144	144	148	154	144	271	492	419	618	180	243
1961	118	155	83	101	124	133	118	234	335	249	191	100	162
1962	95	131	141	115	104	126	197	303	554	508	457	122	238
1963	160	73	97	109	135	142	153	247	318	431	278	98	187
1964	133	81	113	126	131	134	145	241	401	667	462	300	245
1965	47	146	159	160	175	156	171	252	393	471	209	106	204
1966	45	76	106	120	135	145	153	292	514	369	330	159	204
1967	44	102	120	129	141	146	156	196	304	640	464	325	231
1968	44	63	89	105	124	134	143	156	351	477	199	179	172
1969	39	74	94	134	159	161	300	211	192	293	327	165	179
1970	57	71	95	119	143	142	124	215	198	334	350	118	164
1971	57	71	98	113	130	130	213	47	229	357	358	58	155
1972	55	72	101	122	135	176	239	230	271	310	257	66	169
1973	49	66	90	105	123	131	177	50	197	342	306	109	146
Average	67	101	113	126	140	147	167	276	400	409	313	184	204

PROPOSED ACTION
Total Deliveries through Strawberry Tunnel
Location #0
Water Year Monthly Summary
(Acre-Feet)

(0b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1,768	1,288	1,337	1,337	1,188	1,337	888	1,668	1,604	1,668	1,618	1,504	17,200
1931	1,768	1,288	1,337	1,337	1,188	1,337	1,088	1,568	1,504	1,668	1,668	1,604	17,400
1932	1,968	1,288	1,337	1,337	1,238	1,337	1,188	1,668	1,104	1,568	1,768	1,804	17,600
1933	1,668	1,288	1,337	1,337	1,188	1,337	1,288	1,768	1,604	1,668	1,668	1,604	17,800
1934	1,768	1,288	1,437	1,337	1,288	1,337	1,288	1,768	1,704	1,768	1,768	1,604	18,400
1935	1,968	1,288	1,337	1,337	1,188	1,337	1,288	1,768	1,604	1,668	1,768	1,604	18,200
1936	1,668	1,288	1,237	1,337	1,238	1,337	1,288	1,768	1,604	1,668	1,668	1,604	17,700
1937	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,504	1,668	1,668	1,604	16,900
1938	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,504	1,568	1,668	1,604	16,800
1939	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,604	1,668	1,768	1,704	17,100
1940	1,768	1,288	1,337	1,237	1,238	1,237	1,188	1,668	1,604	1,668	1,668	1,604	17,500
1941	1,668	1,188	1,337	1,337	1,188	1,237	1,288	1,668	1,604	1,668	1,668	1,704	17,600
1942	1,768	1,288	1,337	1,237	1,188	1,237	1,288	1,668	1,604	1,668	1,668	1,704	17,700
1943	1,768	1,288	1,337	1,237	1,188	1,237	1,288	1,668	1,704	1,668	1,668	1,704	17,800
1944	1,768	1,288	1,337	1,237	1,238	1,237	1,188	1,668	1,604	1,668	1,618	1,704	17,600
1945	1,768	1,288	1,337	1,237	1,188	1,237	1,188	1,668	1,604	1,668	1,668	1,604	17,500
1946	1,668	1,288	1,237	1,237	1,188	1,237	1,188	1,668	1,604	1,668	1,668	1,604	17,300
1947	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,668	1,658	1,604	16,900
1948	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,568	1,604	1,668	1,668	1,604	17,000
1949	1,768	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,604	1,568	1,668	1,604	17,000
1950	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,604	1,568	1,668	1,604	16,900
1951	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,900
1952	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,568	1,504	1,488	1,568	1,504	16,500
1953	1,568	1,188	1,137	1,137	1,088	1,137	1,088	1,568	1,504	1,668	1,668	1,604	16,400
1954	1,568	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,800
1955	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,504	1,668	1,668	1,604	16,800
1956	1,668	1,188	1,237	1,237	1,138	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,900
1957	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,504	1,668	1,668	1,604	16,800
1958	1,668	1,188	1,237	1,237	1,088	1,137	1,188	1,568	1,604	1,668	1,668	1,604	16,900
1959	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,900
1960	1,668	1,188	1,237	1,237	1,138	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,900
1961	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,604	1,668	1,668	1,604	17,000
1962	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,504	1,668	1,668	1,604	16,900
1963	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,604	1,668	1,668	1,604	17,000
1964	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,568	1,604	1,668	1,668	1,604	17,000
1965	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,504	1,668	1,608	1,604	16,800
1966	1,668	1,188	1,237	1,237	1,088	1,137	1,188	1,568	1,604	1,668	1,668	1,604	17,000
1967	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,568	1,668	1,604	16,900
1968	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,668	1,504	1,568	1,658	1,604	16,900
1969	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,568	1,668	1,534	16,800
1970	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,484	1,568	1,668	1,604	16,800
1971	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,648	1,404	1,568	1,668	1,604	16,700
1972	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,668	1,504	1,668	1,568	1,604	16,900
1973	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,528	1,668	1,604	16,800
Average	1,700	1,200	1,300	1,300	1,100	1,200	1,200	1,600	1,600	1,600	1,700	1,600	17,100

PROPOSED ACTION
Total Deliveries through Strawberry Tunnel
Location #0
Water Year Monthly Summary
(cfs)

(0b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	29	22	22	22	21	22	15	27	27	27	26	25	24
1931	29	22	22	22	21	22	18	26	25	27	27	27	24
1932	32	22	22	22	22	22	20	27	19	26	29	30	24
1933	27	22	22	22	21	22	22	29	27	27	27	27	25
1934	29	22	23	22	23	22	22	29	29	29	29	27	25
1935	32	22	22	22	21	22	22	29	27	27	29	27	25
1936	27	22	20	22	22	22	22	29	27	27	27	27	24
1937	27	20	20	20	20	20	20	26	25	27	27	27	23
1938	27	20	20	20	20	20	20	26	25	26	27	27	23
1939	27	20	20	20	20	20	18	26	27	27	29	29	24
1940	29	22	22	20	22	20	20	27	27	27	27	27	24
1941	27	20	22	22	21	20	22	27	27	27	27	29	24
1942	29	22	22	20	21	20	22	27	27	27	27	29	24
1943	29	22	22	20	21	20	22	27	29	27	27	29	25
1944	29	22	22	20	22	20	20	27	27	27	26	29	24
1945	29	22	22	20	21	20	20	27	27	27	27	27	24
1946	27	22	20	20	21	20	20	27	27	27	27	27	24
1947	27	20	20	20	20	20	20	27	25	27	27	27	23
1948	27	20	20	20	20	20	20	26	27	27	27	27	23
1949	29	20	20	20	20	20	20	26	27	26	27	27	23
1950	27	20	20	20	20	20	20	26	27	26	27	27	23
1951	27	20	20	20	20	20	18	26	27	27	27	27	23
1952	27	20	20	20	20	20	20	26	25	24	26	25	23
1953	26	20	19	19	20	19	18	26	25	27	27	27	23
1954	26	20	20	20	20	20	18	26	27	27	27	27	23
1955	27	20	20	20	20	20	18	26	25	27	27	27	23
1956	27	20	20	20	20	20	18	26	27	27	27	27	23
1957	27	20	20	20	20	20	18	26	25	27	27	27	23
1958	27	20	20	20	20	19	20	26	27	27	27	27	23
1959	27	20	20	20	20	20	18	26	27	27	27	27	23
1960	27	20	20	20	20	20	18	26	27	27	27	27	23
1961	27	20	20	20	20	20	20	26	27	27	27	27	23
1962	27	20	20	20	20	20	20	26	25	27	27	27	23
1963	27	20	20	20	20	20	20	26	27	27	27	27	23
1964	27	20	20	20	20	20	20	26	27	27	27	27	23
1965	27	20	20	20	20	20	20	26	25	27	26	27	23
1966	27	20	20	20	20	19	20	27	27	27	27	27	23
1967	27	20	20	20	20	20	20	27	25	26	27	27	23
1968	27	20	20	20	20	20	20	27	25	26	27	27	23
1969	27	20	20	20	20	20	20	27	25	26	27	26	23
1970	27	20	20	20	20	20	20	27	25	26	27	27	23
1971	27	20	20	20	20	20	20	27	24	26	27	27	23
1972	27	20	20	20	20	20	20	27	25	27	26	27	23
1973	27	20	20	20	20	20	20	27	25	25	27	27	23
Average	28	20	21	20	20	20	20	26	26	27	27	27	24

PROPOSED ACTION
Total Deliveries through Syar Tunnel
Location #0
Water Year Monthly Summary
(Acre-Feet)

(0c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1,215	1,355	1,276	2,026	1,415	439	3,812	7,532	22,126	14,932	12,082	6,296	74,500
1931	1,117	3,354	7,001	8,782	8,585	8,267	5,432	16,455	22,869	18,964	16,218	6,609	123,700
1932	3,450	5,374	5,304	7,505	9,037	12,864	13,317	34,425	39,200	36,331	27,298	8,769	202,900
1933	1,440	7,213	7,765	8,886	8,069	9,847	8,783	7,027	20,148	21,386	12,862	15,487	128,900
1934	4,910	3,921	5,923	5,465	5,119	8,196	7,181	9,783	4,496	3,732	4,434	2,896	66,100
1935	1,732	2,886	5,368	6,999	6,807	6,071	1,498	18,951	33,864	14,268	10,751	12,417	121,600
1936	6,456	6,972	5,943	7,779	7,831	7,908	17,967	34,341	34,725	23,138	17,408	5,217	175,700
1937	7,994	7,548	8,436	10,621	10,589	12,648	17,718	34,839	30,758	23,087	20,264	10,536	195,000
1938	1,417	8,284	7,909	8,387	8,446	11,968	16,379	27,759	35,690	23,210	16,730	8,052	174,200
1939	1,697	7,780	7,435	8,099	7,951	10,470	12,411	23,625	22,199	23,759	13,114	8,108	146,600
1940	1,417	11,174	7,206	8,085	8,348	8,102	8,381	23,845	27,567	14,074	10,426	5,477	134,100
1941	3,893	5,426	6,943	8,489	8,643	10,308	7,948	16,399	23,229	22,386	13,456	9,796	136,900
1942	1,192	2,209	3,727	4,689	4,797	5,832	6,900	10,903	27,763	26,605	18,652	11,479	124,700
1943	1,413	7,925	7,942	8,726	8,281	9,428	11,276	24,177	23,410	31,059	22,511	16,264	172,400
1944	1,451	11,634	11,020	10,660	8,997	9,166	8,382	11,015	8,622	22,934	15,771	9,103	128,800
1945	1,243	2,754	3,937	4,672	5,658	6,574	6,004	9,732	15,368	25,126	4,832	7,396	93,300
1946	1,773	3,515	5,233	5,994	5,981	7,119	9,629	22,199	29,751	24,534	14,862	11,820	142,400
1947	1,320	3,317	4,176	4,734	5,117	6,391	7,239	10,118	5,196	19,732	13,242	8,896	89,500
1948	2,280	3,064	4,293	4,584	4,946	5,717	7,883	20,613	18,828	22,416	15,685	13,407	123,700
1949	1,355	2,993	4,664	5,932	5,582	7,329	9,893	16,237	24,709	24,152	21,683	11,380	135,900
1950	1,616	3,307	4,426	5,877	6,414	7,548	10,073	17,200	34,533	29,191	25,897	18,621	164,700
1951	930	2,987	5,228	6,438	6,811	7,644	12,335	17,074	25,348	28,981	17,108	12,104	143,000
1952	1,164	3,096	4,720	5,898	5,894	7,263	312	1,246	7,298	15,712	10,832	10,396	73,800
1953	5,901	2,843	5,047	1,672	1,411	1,372	438	4,342	18,796	19,732	13,432	8,696	83,700
1954	1,117	3,014	4,146	5,430	6,350	7,126	7,415	18,749	24,847	21,671	21,433	8,316	129,600
1955	1,509	3,026	4,262	5,101	5,447	6,813	6,381	11,517	25,851	30,123	18,202	9,273	127,500
1956	1,593	8,100	9,101	9,613	9,587	9,282	9,849	20,191	34,498	30,599	25,398	13,385	181,200
1957	1,975	7,452	8,387	9,195	9,949	10,586	9,602	11,786	21,965	37,697	28,639	19,383	176,600
1958	1,417	1,377	1,953	3,199	4,222	6,218	7,309	17,660	27,301	27,804	24,140	11,013	133,600
1959	1,313	3,956	4,963	5,702	6,227	6,927	5,844	14,623	26,657	18,779	13,929	7,370	116,300
1960	1,597	7,419	7,598	7,611	7,340	8,236	7,462	15,089	27,639	24,054	36,259	9,074	159,400
1961	5,551	8,048	3,852	4,962	5,770	6,927	5,828	12,790	18,286	13,588	10,036	4,327	100,000
1962	4,173	6,577	7,446	5,822	4,678	6,519	10,532	17,038	31,399	29,527	26,357	5,666	155,700
1963	8,181	3,150	4,690	5,468	6,379	7,495	7,884	13,623	17,279	24,771	15,413	4,217	118,600
1964	6,494	3,607	5,689	6,521	6,388	7,012	7,438	13,249	22,243	39,290	26,695	16,191	160,800
1965	1,213	7,497	8,520	8,588	8,638	8,339	8,976	13,919	21,853	27,224	11,229	4,666	130,700
1966	1,115	3,350	5,242	6,126	6,392	7,734	7,872	16,282	28,939	20,962	18,608	7,867	130,500
1967	1,018	4,852	6,105	6,657	6,735	7,744	8,074	10,386	16,536	37,712	26,840	17,730	150,400
1968	1,052	2,569	4,224	5,199	5,996	7,005	7,301	7,927	19,316	27,725	10,542	9,046	107,900
1969	710	3,231	4,533	7,002	7,732	8,626	16,629	11,267	9,896	16,432	18,432	8,266	112,800
1970	1,825	3,014	4,616	6,091	6,863	7,499	6,189	11,538	10,248	18,939	19,832	5,396	102,100
1971	1,858	3,011	4,796	5,682	6,142	6,769	11,440	1,257	12,196	20,342	20,332	1,821	95,600
1972	1,691	3,074	4,956	6,276	6,625	9,555	13,019	12,432	14,596	17,332	14,232	2,296	106,100
1973	1,339	2,736	4,311	5,226	5,729	6,829	9,355	1,397	10,204	19,472	17,132	4,896	88,600
Average	2,400	4,800	5,700	6,500	6,700	7,800	8,800	15,300	22,200	23,500	17,600	9,300	130,500

PROPOSED ACTION
Total Deliveries through Syar Tunnel
Location #0
Water Year Monthly Summary
(cfs)

3/17/99

0c

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	20	23	21	33	26	7	64	123	372	243	197	106	103
1931	18	56	114	143	155	135	91	268	385	309	264	111	171
1932	56	90	86	122	157	210	224	561	660	592	445	148	279
1933	23	121	127	145	146	160	148	114	339	348	210	261	179
1934	80	66	96	89	92	134	121	159	76	61	72	49	91
1935	28	49	87	114	123	99	25	309	570	232	175	209	168
1936	105	117	97	127	136	129	302	559	585	377	284	88	242
1937	130	127	137	173	191	206	298	568	518	376	330	177	269
1938	23	139	129	137	152	195	276	452	601	378	273	136	241
1939	28	131	121	132	143	171	209	385	374	387	214	136	203
1940	23	188	117	132	145	132	141	388	464	229	170	92	185
1941	63	91	113	138	156	168	134	267	391	365	219	165	189
1942	19	37	61	76	87	95	116	178	467	433	304	193	172
1943	23	133	129	142	149	154	190	394	394	506	367	274	238
1944	24	196	180	174	157	149	141	179	145	374	257	153	177
1945	20	46	64	76	102	107	101	159	259	409	79	125	129
1946	29	59	85	98	108	116	162	362	501	400	242	199	197
1947	22	56	68	77	92	104	122	165	87	321	216	150	123
1948	37	52	70	75	86	93	133	336	317	365	256	226	170
1949	22	50	76	97	101	119	167	265	416	393	353	192	188
1950	26	56	72	96	116	123	170	280	581	476	422	313	228
1951	15	50	85	105	123	125	208	278	427	472	279	204	198
1952	19	52	77	96	103	118	5	20	123	256	176	175	102
1953	96	48	82	27	25	22	7	71	316	321	219	146	115
1954	18	51	68	88	115	116	125	305	418	353	349	140	179
1955	25	51	69	83	98	111	107	188	435	491	297	156	176
1956	26	136	148	157	167	151	166	329	581	499	414	225	250
1957	32	125	137	150	179	172	162	192	370	614	467	326	244
1958	23	23	32	52	76	101	123	288	460	453	393	185	184
1959	21	67	81	93	112	113	98	238	449	306	227	124	161
1960	26	125	124	124	128	134	126	246	465	392	591	153	219
1961	90	135	63	81	104	113	98	208	308	221	164	73	138
1962	68	111	121	95	84	106	177	278	529	481	429	95	215
1963	133	53	76	89	115	122	133	222	291	404	251	71	163
1964	106	61	93	106	111	114	125	216	374	640	435	273	221
1965	20	126	139	140	156	136	151	227	368	444	183	79	181
1966	18	56	85	100	115	126	133	265	487	342	303	132	180
1967	17	82	99	108	121	126	136	169	278	614	437	298	207
1968	17	43	69	85	104	114	123	129	325	452	172	152	149
1969	12	54	74	114	139	141	280	184	167	268	300	139	156
1970	30	51	75	99	124	122	104	188	173	309	323	91	141
1971	30	51	78	93	111	110	193	20	205	331	331	31	132
1972	28	52	81	102	115	156	219	203	246	282	232	39	146
1973	22	46	70	85	103	111	157	23	172	317	279	82	122
Average	39	80	93	106	119	127	148	249	374	383	286	157	180

PROPOSED ACTION
Strawberry Valley Project - Total Releases from Strawberry Reservoir
Location #0
Water Year Monthly Summary
(Acre-Feet)

(0d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual	
1930	1,700	0	0	0	0	0	4,400	9,200	23,730	16,600	13,650	7,800	77,100	
1931	100	0	0	0	0	0	2,280	15,200	22,470	18,100	9,600	4,100	71,900	
1932	1,100	0	0	0	0	0	1,800	8,590	12,600	14,200	15,100	6,000	59,400	
1933	1,600	0	0	0	0	0	0	40	13,900	18,480	11,570	6,130	51,700	
1934	1,600	0	0	0	0	0	2,700	8,300	6,200	5,500	3,700	2,200	30,200	
1935	90	0	0	0	0	0	0	110	11,600	14,900	10,400	7,300	44,400	
1936	1,000	0	0	0	0	0	0	5,200	15,380	9,400	9,200	5,600	45,800	
1937	3,500	0	0	0	0	0	3,150	14,500	13,200	12,200	13,900	7,900	68,400	
1938	2,500	0	0	0	0	0	3,500	8,700	20,700	14,200	12,600	6,000	68,200	
1939	3,100	0	0	0	0	0	3,260	13,400	13,800	20,300	13,100	6,400	73,400	
1940	920	0	0	0	0	0	4,880	14,900	21,520	11,900	10,100	2,900	67,100	
1941	1,600	0	0	0	0	0	0	4,110	10,200	14,600	9,500	7,640	47,700	
1942	1,700	0	0	0	0	0	0	420	16,900	17,900	12,720	7,230	56,900	
1943	2,700	0	0	0	0	0	1,720	10,140	7,500	18,500	12,740	8,640	61,900	
1944	3,100	0	0	0	0	0	0	140	8,400	22,600	15,950	8,730	58,900	
1945	2,800	0	0	0	0	0	0	2,350	10,400	22,200	6,500	9,000	53,300	
1946	3,200	0	0	0	0	0	0	9,800	20,430	17,700	10,700	8,700	70,500	
1947	2,200	0	0	0	0	0	0	6,480	5,900	21,400	14,890	10,500	61,400	
1948	3,700	0	0	0	0	0	0	12,000	14,410	19,100	13,030	10,620	72,900	
1949	1,800	0	0	0	0	0	1,120	4,280	16,500	17,900	17,400	8,300	67,300	
1950	3,100	0	0	0	0	0	0	4,330	18,290	15,300	19,300	12,900	73,200	
1951	290	0	0	0	0	0	460	1,430	17,500	22,800	16,590	11,300	70,400	
1952	2,200	0	0	0	0	0	0	0	770	8,700	17,120	12,400	11,900	53,100
1953	7,210	0	0	0	0	0	0	5,900	20,300	21,400	15,100	10,300	80,200	
1954	2,200	0	0	0	0	0	1,930	12,210	20,100	18,400	18,600	5,100	78,500	
1955	2,000	0	0	0	0	0	0	3,530	18,400	24,800	14,940	6,740	70,400	
1956	1,600	0	0	0	0	0	830	5,360	19,600	18,970	17,100	6,900	70,400	
1957	680	0	0	0	0	0	0	210	5,500	23,400	17,500	10,760	58,100	
1958	3,000	0	0	0	0	0	0	640	18,580	21,200	18,900	6,090	68,400	
1959	1,700	0	0	0	0	0	540	10,420	22,500	15,700	12,350	5,300	68,500	
1960	1,400	0	0	0	0	0	590	7,100	20,200	18,830	13,800	4,400	66,300	
1961	670	0	0	0	0	0	0	9,570	18,750	11,900	6,400	2,700	50,000	
1962	100	0	0	0	0	0	0	0	30	11,500	13,550	15,000	4,700	44,900
1963	1,400	0	0	0	0	0	0	0	4,430	6,400	16,200	12,120	3,700	44,300
1964	2,100	0	0	0	0	0	0	0	1,680	4,600	26,740	16,190	8,100	59,400
1965	980	0	0	0	0	0	0	0	10	7,900	14,400	12,140	6,270	41,700
1966	1,500	0	0	0	0	0	1,100	7,410	21,500	16,000	15,700	5,700	68,900	
1967	1,700	0	0	0	0	0	0	0	10	1,430	22,600	20,300	12,890	58,900
1968	110	0	0	0	0	0	0	0	40	10,800	21,400	12,190	10,650	55,200
1969	2,300	0	0	0	0	0	0	0	2,740	11,400	18,000	20,100	9,730	64,300
1970	1,600	0	0	0	0	0	0	0	50	10,380	20,500	21,500	7,000	61,000
1971	1,400	0	0	0	0	0	0	0	2,080	13,500	21,910	22,000	3,200	64,100
1972	260	0	0	0	0	0	0	0	14,100	16,100	19,000	15,700	3,900	69,100
1973	120	0	0	0	0	0	0	0	20	10,200	20,960	18,800	6,500	56,600
Average	1,800	0	0	0	0	0	780	5,500	14,100	17,900	14,100	7,200	61,500	

PROPOSED ACTION
Strawberry Valley Project - Total Releases from Strawberry Reservoir
Location #0
Water Year Monthly Summary
(cfs)

3/17/99

0d

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	28	0	0	0	0	0	74	150	399	270	222	131	106
1931	2	0	0	0	0	0	38	248	378	295	156	69	99
1932	18	0	0	0	0	0	30	140	212	231	246	101	82
1933	26	0	0	0	0	0	0	1	234	301	188	103	71
1934	26	0	0	0	0	0	45	135	104	90	60	37	42
1935	1	0	0	0	0	0	0	2	195	243	169	123	61
1936	16	0	0	0	0	0	0	85	259	153	150	94	63
1937	57	0	0	0	0	0	53	236	222	199	226	133	94
1938	41	0	0	0	0	0	59	142	348	231	205	101	94
1939	51	0	0	0	0	0	55	218	232	331	213	108	101
1940	15	0	0	0	0	0	82	243	362	194	165	49	92
1941	26	0	0	0	0	0	0	67	172	238	155	129	65
1942	28	0	0	0	0	0	0	7	285	292	207	122	78
1943	44	0	0	0	0	0	29	165	126	301	208	145	85
1944	51	0	0	0	0	0	0	2	141	368	260	147	81
1945	46	0	0	0	0	0	0	38	175	362	106	152	73
1946	52	0	0	0	0	0	0	160	344	288	174	146	97
1947	36	0	0	0	0	0	0	106	99	349	243	177	84
1948	60	0	0	0	0	0	0	196	243	311	212	179	100
1949	29	0	0	0	0	0	19	70	278	292	283	140	93
1950	51	0	0	0	0	0	0	71	308	249	314	217	101
1951	5	0	0	0	0	0	8	23	295	371	270	190	97
1952	36	0	0	0	0	0	0	13	146	279	202	200	73
1953	117	0	0	0	0	0	0	96	342	349	246	173	110
1954	36	0	0	0	0	0	32	199	338	300	303	86	108
1955	33	0	0	0	0	0	0	58	310	404	243	113	97
1956	26	0	0	0	0	0	14	87	330	309	279	116	97
1957	11	0	0	0	0	0	0	3	93	381	285	181	80
1958	49	0	0	0	0	0	0	10	313	345	308	103	94
1959	28	0	0	0	0	0	9	170	379	256	201	89	94
1960	23	0	0	0	0	0	10	116	340	307	225	74	91
1961	11	0	0	0	0	0	0	156	316	194	104	45	69
1962	2	0	0	0	0	0	0	0	194	221	244	79	62
1963	23	0	0	0	0	0	0	72	108	264	197	62	61
1964	34	0	0	0	0	0	0	27	77	436	264	136	81
1965	16	0	0	0	0	0	0	0	133	235	198	106	57
1966	24	0	0	0	0	0	19	121	362	261	256	96	95
1967	28	0	0	0	0	0	0	0	24	368	331	217	81
1968	2	0	0	0	0	0	0	1	182	349	199	179	76
1969	37	0	0	0	0	0	0	0	45	192	293	327	164
1970	26	0	0	0	0	0	0	1	175	334	350	118	84
1971	23	0	0	0	0	0	0	0	34	227	357	358	54
1972	4	0	0	0	0	0	0	0	230	271	310	256	66
1973	2	0	0	0	0	0	0	0	0	172	341	306	109
Average	29	0	0	0	0	0	13	90	237	292	230	122	84

PROPOSED ACTION
Strawberry Valley Project - Deliveries through Strawberry Tunnel
Location #0
Water Year Monthly Summary
(Acre-Feet)

(0e)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual	
1930	485	0	0	0	0	0	888	1,668	1,604	1,668	1,618	1,504	9,400	
1931	0	0	0	0	0	0	0	0	0	0	0	0	0	
1932	0	0	0	0	0	0	0	0	0	0	0	0	0	
1933	160	0	0	0	0	0	0	0	0	0	0	0	160	
1934	0	0	0	0	0	0	0	0	1,704	1,768	0	0	3,500	
1935	0	0	0	0	0	0	0	0	0	632	0	0	630	
1936	0	0	0	0	0	0	0	0	0	0	0	383	380	
1937	0	0	0	0	0	0	0	0	0	0	0	0	0	
1938	1,083	0	0	0	0	0	0	0	0	0	0	0	1,100	
1939	1,403	0	0	0	0	0	0	0	0	0	0	0	1,400	
1940	0	0	0	0	0	0	0	0	0	0	0	0	0	
1941	0	0	0	0	0	0	0	0	0	0	0	0	0	
1942	508	0	0	0	0	0	0	0	0	0	0	0	510	
1943	1,287	0	0	0	0	0	0	0	0	0	0	0	1,300	
1944	1,649	0	0	0	0	0	0	0	0	0	229	0	1,900	
1945	1,557	0	0	0	0	0	0	0	0	0	1,668	1,604	4,800	
1946	1,427	0	0	0	0	0	0	0	0	0	0	0	1,400	
1947	880	0	0	0	0	0	0	0	704	1,668	1,658	1,604	6,500	
1948	1,420	0	0	0	0	0	0	0	0	0	0	0	1,400	
1949	445	0	0	0	0	0	0	0	0	0	0	0	440	
1950	1,484	0	0	0	0	0	0	0	0	0	0	0	1,500	
1951	0	0	0	0	0	0	0	0	0	0	0	0	0	
1952	1,036	0	0	0	0	0	0	0	1,402	1,488	1,568	1,504	7,000	
1953	1,309	0	0	0	0	0	0	1,558	1,504	1,668	1,668	1,604	9,300	
1954	1,083	0	0	0	0	0	0	0	0	0	0	0	1,100	
1955	491	0	0	0	0	0	0	0	0	0	0	0	490	
1956	7	0	0	0	0	0	0	0	0	0	0	0	10	
1957	0	0	0	0	0	0	0	0	0	0	0	0	0	
1958	1,583	0	0	0	0	0	0	0	0	0	0	0	1,600	
1959	387	0	0	0	0	0	0	0	0	0	0	0	390	
1960	0	0	0	0	0	0	0	0	0	0	0	0	0	
1961	0	0	0	0	0	0	0	0	514	0	0	0	510	
1962	0	0	0	0	0	0	0	0	0	0	0	0	0	
1963	0	0	0	0	0	0	0	0	0	0	0	0	0	
1964	0	0	0	0	0	0	0	0	0	0	0	0	0	
1965	0	0	0	0	0	0	0	0	0	0	971	1,604	2,600	
1966	385	0	0	0	0	0	0	0	0	0	0	0	380	
1967	682	0	0	0	0	0	0	0	0	0	0	0	680	
1968	0	0	0	0	0	0	0	0	0	0	1,658	1,604	3,300	
1969	1,590	0	0	0	0	0	0	0	1,504	1,568	1,668	1,534	7,900	
1970	0	0	0	0	0	0	0	0	0	152	1,561	1,668	1,604	5,000
1971	0	0	0	0	0	0	0	843	1,404	1,568	1,668	1,379	6,900	
1972	0	0	0	0	0	0	0	1,668	1,504	1,668	1,568	1,604	8,000	
1973	0	0	0	0	0	0	0	0	0	1,528	1,668	1,604	4,800	
Average	510	0	0	0	0	0	20	130	270	380	440	430	2,200	

PROPOSED ACTION
Strawberry Valley Project - Deliveries through Strawberry Tunnel
Location #0
Water Year Monthly Summary
(cfs)

3/17/99

0e

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	8	0	0	0	0	0	15	27	27	27	26	25	13
1931	0	0	0	0	0	0	0	0	0	0	0	0	0
1932	0	0	0	0	0	0	0	0	0	0	0	0	0
1933	3	0	0	0	0	0	0	0	0	0	0	0	0
1934	0	0	0	0	0	0	0	0	29	29	0	0	5
1935	0	0	0	0	0	0	0	0	0	10	0	0	1
1936	0	0	0	0	0	0	0	0	0	0	0	6	1
1937	0	0	0	0	0	0	0	0	0	0	0	0	0
1938	18	0	0	0	0	0	0	0	0	0	0	0	1
1939	23	0	0	0	0	0	0	0	0	0	0	0	2
1940	0	0	0	0	0	0	0	0	0	0	0	0	0
1941	0	0	0	0	0	0	0	0	0	0	0	0	0
1942	8	0	0	0	0	0	0	0	0	0	0	0	1
1943	21	0	0	0	0	0	0	0	0	0	0	0	2
1944	27	0	0	0	0	0	0	0	0	0	4	0	3
1945	25	0	0	0	0	0	0	0	0	0	27	27	7
1946	23	0	0	0	0	0	0	0	0	0	0	0	2
1947	14	0	0	0	0	0	0	0	12	27	27	27	9
1948	23	0	0	0	0	0	0	0	0	0	0	0	2
1949	7	0	0	0	0	0	0	0	0	0	0	0	1
1950	24	0	0	0	0	0	0	0	0	0	0	0	2
1951	0	0	0	0	0	0	0	0	0	0	0	0	0
1952	17	0	0	0	0	0	0	0	24	24	26	25	10
1953	21	0	0	0	0	0	0	25	25	27	27	27	13
1954	18	0	0	0	0	0	0	0	0	0	0	0	1
1955	8	0	0	0	0	0	0	0	0	0	0	0	1
1956	0	0	0	0	0	0	0	0	0	0	0	0	0
1957	0	0	0	0	0	0	0	0	0	0	0	0	0
1958	26	0	0	0	0	0	0	0	0	0	0	0	2
1959	6	0	0	0	0	0	0	0	0	0	0	0	1
1960	0	0	0	0	0	0	0	0	0	0	0	0	0
1961	0	0	0	0	0	0	0	0	9	0	0	0	1
1962	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	16	27	4
1966	6	0	0	0	0	0	0	0	0	0	0	0	1
1967	11	0	0	0	0	0	0	0	0	0	0	0	1
1968	0	0	0	0	0	0	0	0	0	0	27	27	5
1969	26	0	0	0	0	0	0	0	25	26	27	26	11
1970	0	0	0	0	0	0	0	0	3	25	27	27	7
1971	0	0	0	0	0	0	0	14	24	26	27	23	9
1972	0	0	0	0	0	0	0	27	25	27	26	27	11
1973	0	0	0	0	0	0	0	0	0	25	27	27	7
Average	8	0	0	0	0	0	0	0	2	5	6	7	3

PROPOSED ACTION
Strawberry Valley Project - Deliveries through Syar Tunnel
Location #0
Water Year Monthly Summary
(Acre-Feet)

(0f)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual	
1930	1,215	0	0	0	0	0	3,512	7,532	22,126	14,932	12,032	6,296	67,600	
1931	100	0	0	0	0	0	2,280	15,200	22,470	18,100	9,600	4,100	71,900	
1932	1,100	0	0	0	0	0	1,800	8,590	12,600	14,200	15,100	6,000	59,400	
1933	1,440	0	0	0	0	0	0	40	13,900	18,480	11,570	6,130	51,600	
1934	1,600	0	0	0	0	0	2,700	8,300	4,496	3,732	3,700	2,200	26,700	
1935	90	0	0	0	0	0	0	110	11,600	14,268	10,400	7,300	43,800	
1936	1,000	0	0	0	0	0	0	5,200	15,380	9,400	9,200	5,217	45,400	
1937	3,500	0	0	0	0	0	3,150	14,500	13,200	12,200	13,900	7,900	68,400	
1938	1,417	0	0	0	0	0	3,500	8,700	20,700	14,200	12,600	6,000	67,100	
1939	1,697	0	0	0	0	0	3,260	13,400	13,800	20,300	13,100	6,400	72,000	
1940	920	0	0	0	0	0	4,880	14,900	21,520	11,900	10,100	2,900	67,100	
1941	1,600	0	0	0	0	0	0	4,110	10,200	14,600	9,500	7,640	47,700	
1942	1,192	0	0	0	0	0	0	420	16,900	17,900	12,720	7,230	56,400	
1943	1,413	0	0	0	0	0	1,720	10,140	7,500	18,500	12,740	8,640	60,700	
1944	1,451	0	0	0	0	0	0	140	8,400	22,600	15,721	8,730	57,000	
1945	1,243	0	0	0	0	0	0	2,350	10,400	22,200	4,832	7,396	48,400	
1946	1,773	0	0	0	0	0	0	9,800	20,430	17,700	10,700	8,700	69,100	
1947	1,320	0	0	0	0	0	0	6,480	5,196	19,732	13,232	8,896	54,900	
1948	2,280	0	0	0	0	0	0	12,000	14,410	19,100	13,030	10,620	71,400	
1949	1,355	0	0	0	0	0	1,120	4,280	16,500	17,900	17,400	8,300	66,900	
1950	1,616	0	0	0	0	0	0	4,330	18,290	15,300	19,300	12,900	71,700	
1951	290	0	0	0	0	0	460	1,430	17,500	22,800	16,590	11,300	70,400	
1952	1,164	0	0	0	0	0	0	770	7,298	15,632	10,832	10,396	46,100	
1953	5,901	0	0	0	0	0	0	4,342	18,796	19,732	13,432	8,696	70,900	
1954	1,117	0	0	0	0	0	1,930	12,210	20,100	18,400	18,600	5,100	77,500	
1955	1,509	0	0	0	0	0	0	3,530	18,400	24,800	14,940	6,740	69,900	
1956	1,593	0	0	0	0	0	830	5,360	19,600	18,970	17,100	6,900	70,400	
1957	680	0	0	0	0	0	0	210	5,500	23,400	17,500	10,760	58,100	
1958	1,417	0	0	0	0	0	0	640	18,580	21,200	18,900	6,090	66,800	
1959	1,313	0	0	0	0	0	540	10,420	22,500	15,700	12,350	5,300	68,100	
1960	1,400	0	0	0	0	0	590	7,100	20,200	18,830	13,800	4,400	66,300	
1961	670	0	0	0	0	0	0	9,570	18,236	11,900	6,400	2,700	49,500	
1962	100	0	0	0	0	0	0	30	11,500	13,550	15,000	4,700	44,900	
1963	1,400	0	0	0	0	0	0	4,430	6,400	16,200	12,120	3,700	44,300	
1964	2,100	0	0	0	0	0	0	1,680	4,600	26,740	16,190	8,100	59,400	
1965	980	0	0	0	0	0	0	0	10	7,900	14,400	11,169	4,666	39,100
1966	1,115	0	0	0	0	0	1,100	7,410	21,500	16,000	15,700	5,700	68,500	
1967	1,018	0	0	0	0	0	0	0	10	1,430	22,600	20,300	12,890	58,200
1968	110	0	0	0	0	0	0	0	40	10,800	21,400	10,532	9,046	51,900
1969	710	0	0	0	0	0	0	0	2,740	9,896	16,432	18,432	8,196	56,400
1970	1,600	0	0	0	0	0	0	50	10,228	18,939	19,832	5,396	56,000	
1971	1,400	0	0	0	0	0	0	1,237	12,096	20,342	20,332	1,821	57,200	
1972	260	0	0	0	0	0	0	12,432	14,596	17,332	14,132	2,296	61,000	
1973	120	0	0	0	0	0	0	0	20	10,200	19,432	17,132	4,896	51,800
Average	1,300	0	0	0	0	0	760	5,400	13,800	17,500	13,700	6,800	59,300	

PROPOSED ACTION
Strawberry Valley Project - Deliveries through Syar Tunnel
Location #0
Water Year Monthly Summary
(cfs)

3/17/99

Of

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	20	0	0	0	0	0	59	123	372	243	196	106	93
1931	2	0	0	0	0	0	38	248	378	295	156	69	99
1932	18	0	0	0	0	0	30	140	212	231	246	101	82
1933	23	0	0	0	0	0	0	1	234	301	188	103	71
1934	26	0	0	0	0	0	45	135	76	61	60	37	37
1935	1	0	0	0	0	0	0	2	195	232	169	123	60
1936	16	0	0	0	0	0	0	85	259	153	150	88	63
1937	57	0	0	0	0	0	53	236	222	199	226	133	94
1938	23	0	0	0	0	0	59	142	348	231	205	101	92
1939	28	0	0	0	0	0	55	218	232	331	213	108	99
1940	15	0	0	0	0	0	82	243	362	194	165	49	92
1941	26	0	0	0	0	0	0	67	172	238	155	129	65
1942	19	0	0	0	0	0	0	7	285	292	207	122	78
1943	23	0	0	0	0	0	29	165	126	301	208	145	83
1944	24	0	0	0	0	0	0	2	141	368	256	147	78
1945	20	0	0	0	0	0	0	38	175	362	79	125	67
1946	29	0	0	0	0	0	0	160	344	288	174	146	95
1947	22	0	0	0	0	0	0	106	87	321	216	150	75
1948	37	0	0	0	0	0	0	196	243	311	212	179	98
1949	22	0	0	0	0	0	19	70	278	292	283	140	92
1950	26	0	0	0	0	0	0	71	308	249	314	217	99
1951	5	0	0	0	0	0	8	23	295	371	270	190	97
1952	19	0	0	0	0	0	0	13	123	255	176	175	63
1953	96	0	0	0	0	0	0	71	316	321	219	146	98
1954	18	0	0	0	0	0	32	199	338	300	303	86	106
1955	25	0	0	0	0	0	0	58	310	404	243	113	96
1956	26	0	0	0	0	0	14	87	330	309	279	116	97
1957	11	0	0	0	0	0	0	3	93	381	285	181	80
1958	23	0	0	0	0	0	0	10	313	345	308	103	92
1959	21	0	0	0	0	0	9	170	379	256	201	89	94
1960	23	0	0	0	0	0	10	116	340	307	225	74	91
1961	11	0	0	0	0	0	0	156	307	194	104	45	68
1962	2	0	0	0	0	0	0	0	194	221	244	79	62
1963	23	0	0	0	0	0	0	0	72	108	264	197	62
1964	34	0	0	0	0	0	0	27	77	436	264	136	81
1965	16	0	0	0	0	0	0	0	133	235	182	79	54
1966	18	0	0	0	0	0	19	121	362	261	256	96	94
1967	17	0	0	0	0	0	0	0	24	368	331	217	80
1968	2	0	0	0	0	0	0	1	182	349	172	152	71
1969	12	0	0	0	0	0	0	45	167	268	300	138	77
1970	26	0	0	0	0	0	0	1	172	309	323	91	77
1971	23	0	0	0	0	0	0	20	204	331	331	31	78
1972	4	0	0	0	0	0	0	203	246	282	230	39	84
1973	2	0	0	0	0	0	0	0	172	317	279	82	71
Average	21	0	0	0	0	0	13	87	233	286	223	115	81

PROPOSED ACTION
Bonneville Unit - Total Releases from Strawberry Reservoir
Location #0
Water Year Monthly Summary
(Acre-Feet)

(0g)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1,283	2,643	2,613	3,363	2,603	1,776	300	0	0	0	50	0	14,600
1931	2,785	4,642	8,338	10,119	9,773	9,604	4,240	2,823	1,903	2,532	8,286	4,113	69,200
1932	4,318	6,662	6,641	8,842	10,275	14,201	12,705	27,503	27,704	23,699	13,966	4,573	161,100
1933	1,508	8,501	9,102	10,223	9,257	11,184	10,071	8,755	7,852	4,574	2,960	10,961	94,900
1934	5,078	5,209	7,360	6,802	6,407	9,533	5,769	3,251	0	0	2,502	2,300	54,200
1935	3,610	4,174	6,705	8,336	7,995	7,408	2,786	20,609	23,868	1,036	2,119	6,721	95,400
1936	7,124	8,260	7,180	9,116	9,069	9,245	19,255	30,909	20,949	15,406	9,876	1,221	147,600
1937	6,162	8,736	9,673	11,858	11,677	13,885	15,756	21,907	19,062	12,555	8,032	4,240	143,500
1938	585	9,472	9,146	9,624	9,534	13,205	14,067	20,627	16,494	10,578	5,798	3,656	122,800
1939	265	8,968	8,672	9,336	9,039	11,707	10,239	11,793	10,003	5,127	1,782	3,412	90,300
1940	2,265	12,462	8,543	9,322	9,586	9,339	4,689	10,613	7,651	3,842	1,994	4,181	84,500
1941	3,961	6,614	8,280	9,826	9,831	11,545	9,236	13,957	14,633	9,454	5,624	3,860	106,800
1942	1,260	3,497	5,064	5,926	5,985	7,069	8,188	12,151	12,467	10,373	7,600	5,953	85,500
1943	481	9,213	9,279	9,963	9,469	10,665	10,844	15,705	17,614	14,227	11,439	9,328	128,200
1944	119	12,922	12,357	11,897	10,235	10,403	9,570	12,543	1,826	2,002	1,439	2,077	87,400
1945	211	4,042	5,274	5,909	6,846	7,811	7,192	9,050	6,572	4,594	0	0	57,500
1946	241	4,803	6,470	7,231	7,169	8,356	10,817	14,067	10,925	8,502	5,830	4,724	89,100
1947	788	4,505	5,413	5,971	6,205	7,628	8,427	5,306	800	0	10	0	45,100
1948	248	4,252	5,530	5,821	6,084	6,954	9,071	10,181	6,022	4,984	4,323	4,391	67,900
1949	1,323	4,181	5,901	7,169	6,670	8,566	9,961	13,525	9,813	7,820	5,951	4,684	85,600
1950	184	4,495	5,663	7,114	7,502	8,785	11,261	14,438	17,847	15,459	8,265	7,325	108,300
1951	2,308	4,175	6,465	7,675	7,899	8,881	12,963	17,212	9,452	7,849	2,186	2,408	89,500
1952	632	4,284	5,957	7,135	7,032	8,500	1,500	2,044	102	80	0	0	37,300
1953	259	4,031	6,184	2,809	2,499	2,509	1,526	10	0	0	0	0	19,800
1954	485	4,202	5,383	6,667	7,438	8,363	6,573	8,107	6,351	4,939	4,501	4,820	67,800
1955	1,177	4,214	5,499	6,338	6,535	8,050	7,469	9,555	8,955	6,991	4,930	4,137	73,900
1956	1,661	9,288	10,338	10,850	10,725	10,519	10,107	16,399	16,502	13,297	9,966	8,089	127,700
1957	2,963	8,640	9,624	10,432	11,037	11,823	10,690	13,144	17,969	15,965	12,807	10,227	135,300
1958	85	2,565	3,190	4,436	5,310	7,355	8,497	18,588	10,325	8,272	6,908	6,527	82,100
1959	1,281	5,144	6,200	6,939	7,315	8,164	6,392	5,771	5,761	4,747	3,247	3,674	64,600
1960	1,865	8,607	8,835	8,848	8,478	9,473	7,960	9,557	9,043	6,892	24,127	6,278	110,000
1961	6,549	9,236	5,089	6,199	6,858	8,164	7,016	4,788	1,140	3,356	5,304	3,231	66,900
1962	5,741	7,765	8,683	7,059	5,766	7,756	11,720	18,576	21,403	17,645	13,025	2,570	127,700
1963	8,449	4,338	5,927	6,705	7,467	8,732	9,072	10,761	12,483	10,239	4,961	2,121	91,300
1964	6,062	4,795	6,926	7,758	7,526	8,249	8,626	13,137	19,247	14,218	12,173	9,695	118,400
1965	1,901	8,685	9,757	9,825	9,726	9,576	10,164	15,477	15,457	14,492	697	0	105,800
1966	1,283	4,538	6,479	7,363	7,480	8,871	7,960	10,540	9,043	6,630	4,576	3,771	78,500
1967	986	6,040	7,342	7,894	7,823	8,981	9,262	12,044	16,610	16,680	8,208	6,444	108,300
1968	2,610	3,757	5,461	6,436	7,134	8,242	8,489	9,555	10,020	7,893	10	0	69,600
1969	78	4,419	5,770	8,239	8,820	9,863	17,817	10,195	0	0	0	70	65,300
1970	1,893	4,202	5,853	7,328	7,951	8,736	7,377	13,156	1,352	7	0	0	57,900
1971	2,126	4,199	6,033	6,919	7,230	8,006	12,628	825	100	0	0	225	48,300
1972	3,099	4,262	6,193	7,513	7,763	10,792	14,207	0	0	0	100	0	53,900
1973	2,887	3,924	5,548	6,463	6,817	8,066	10,543	3,045	1,508	40	0	0	48,800
Average	2,300	6,000	7,000	7,800	7,800	9,000	9,200	11,400	9,700	7,200	5,100	3,700	86,100

PROPOSED ACTION

3/17/99

Bonneville Unit - Total Releases from Strawberry Reservoir

Location #0

Water Year Monthly Summary

(cfs)

0g

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	21	44	43	55	47	29	5	0	0	0	1	0	20
1931	45	78	136	165	176	156	71	46	32	41	135	69	96
1932	70	112	108	144	179	231	214	448	466	386	228	77	222
1933	25	143	148	167	167	182	170	143	132	75	48	185	132
1934	83	88	120	111	116	155	97	53	0	0	41	39	75
1935	59	70	109	136	144	121	47	336	402	17	35	113	132
1936	116	139	117	149	158	151	324	504	353	251	161	21	204
1937	100	147	158	193	211	226	265	357	321	205	131	71	199
1938	10	159	149	157	172	215	237	336	278	172	94	62	170
1939	4	151	141	152	163	191	172	192	168	84	29	57	125
1940	37	210	139	152	167	152	79	173	129	63	32	70	117
1941	65	111	135	160	177	188	155	227	246	154	92	65	148
1942	21	59	83	97	108	115	138	198	210	169	124	100	118
1943	8	155	151	162	171	174	183	256	297	232	186	157	178
1944	2	218	201	194	178	169	161	204	31	33	23	35	121
1945	3	68	86	96	123	127	121	147	111	75	0	0	80
1946	4	81	105	118	129	136	182	229	184	139	95	80	123
1947	13	76	88	97	112	124	142	86	13	0	0	0	63
1948	4	72	90	95	106	113	153	166	101	81	70	74	94
1949	22	70	96	117	120	140	168	220	165	127	97	79	118
1950	3	76	92	116	135	143	190	235	300	252	135	123	150
1951	38	70	105	125	142	145	218	280	159	128	36	41	124
1952	10	72	97	116	122	138	25	33	2	1	0	0	52
1953	4	68	101	46	45	41	26	0	0	0	0	0	28
1954	8	71	88	109	134	136	111	132	107	80	73	81	94
1955	19	71	90	103	118	131	126	156	151	114	80	70	102
1956	27	156	168	177	187	171	170	267	278	217	162	136	176
1957	48	145	157	170	199	193	180	214	303	260	209	172	187
1958	1	43	52	72	96	120	143	303	174	135	113	110	113
1959	21	87	101	113	132	133	108	94	97	77	53	62	90
1960	30	145	144	144	148	154	134	156	152	112	393	106	152
1961	107	155	83	101	124	133	118	78	19	55	86	54	93
1962	94	131	141	115	104	126	197	303	360	287	212	43	176
1963	138	73	97	109	135	142	153	175	210	167	81	36	126
1964	99	81	113	126	131	134	145	214	324	232	198	163	163
1965	31	146	159	160	175	156	171	252	260	236	11	0	147
1966	21	76	106	120	135	145	134	172	152	108	75	63	109
1967	16	102	120	129	141	146	156	196	280	272	134	108	150
1968	43	63	89	105	124	134	143	156	169	129	0	0	96
1969	1	74	94	134	159	161	300	166	0	0	0	1	91
1970	31	71	95	119	143	142	124	214	23	0	0	0	80
1971	35	71	98	113	130	130	213	13	2	0	0	4	67
1972	50	72	101	122	135	176	239	0	0	0	2	0	75
1973	47	66	90	105	123	131	177	50	25	1	0	0	68
Average	37	101	113	126	140	147	154	186	163	117	84	62	119

PROPOSED ACTION
Bonneville Unit - Deliveries through Strawberry Tunnel
Location #0
Water Year Monthly Summary
(Acre-Feet)

(0h)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1,283	1,288	1,337	1,337	1,188	1,337	0	0	0	0	0	0	7,800
1931	1,768	1,288	1,337	1,337	1,188	1,337	1,088	1,568	1,504	1,668	1,668	1,604	17,400
1932	1,968	1,288	1,337	1,337	1,238	1,337	1,188	1,668	1,104	1,568	1,768	1,804	17,600
1933	1,508	1,288	1,337	1,337	1,188	1,337	1,288	1,768	1,604	1,668	1,668	1,604	17,600
1934	1,768	1,288	1,437	1,337	1,288	1,337	1,288	1,768	0	0	1,768	1,604	14,900
1935	1,968	1,288	1,337	1,337	1,188	1,337	1,288	1,768	1,604	1,036	1,768	1,604	17,500
1936	1,668	1,288	1,237	1,337	1,238	1,337	1,288	1,768	1,604	1,668	1,668	1,221	17,300
1937	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,504	1,668	1,668	1,604	16,900
1938	585	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,504	1,568	1,668	1,604	15,700
1939	265	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,604	1,668	1,768	1,704	15,700
1940	1,768	1,288	1,337	1,237	1,238	1,237	1,188	1,668	1,604	1,668	1,668	1,604	17,500
1941	1,668	1,188	1,337	1,337	1,188	1,237	1,288	1,668	1,604	1,668	1,668	1,704	17,600
1942	1,260	1,288	1,337	1,237	1,188	1,237	1,288	1,668	1,604	1,668	1,668	1,704	17,100
1943	481	1,288	1,337	1,237	1,188	1,237	1,288	1,668	1,704	1,668	1,668	1,704	16,500
1944	119	1,288	1,337	1,237	1,238	1,237	1,188	1,668	1,604	1,668	1,389	1,704	15,700
1945	211	1,288	1,337	1,237	1,188	1,237	1,188	1,668	1,604	1,668	0	0	12,600
1946	241	1,288	1,237	1,237	1,188	1,237	1,188	1,668	1,604	1,668	1,668	1,604	15,800
1947	788	1,188	1,237	1,237	1,088	1,237	1,188	1,668	800	0	0	0	10,400
1948	248	1,188	1,237	1,237	1,138	1,237	1,188	1,568	1,604	1,668	1,668	1,604	15,600
1949	1,323	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,604	1,568	1,668	1,604	16,500
1950	184	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,604	1,568	1,668	1,604	15,400
1951	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,900
1952	632	1,188	1,237	1,237	1,138	1,237	1,188	1,568	102	0	0	0	9,500
1953	259	1,188	1,137	1,137	1,088	1,137	1,088	10	0	0	0	0	7,000
1954	485	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,604	1,668	1,668	1,604	15,700
1955	1,177	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,504	1,668	1,668	1,604	16,300
1956	1,661	1,188	1,237	1,237	1,138	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,900
1957	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,504	1,668	1,668	1,604	16,800
1958	85	1,188	1,237	1,237	1,088	1,137	1,188	1,568	1,604	1,668	1,668	1,604	15,300
1959	1,281	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,500
1960	1,668	1,188	1,237	1,237	1,138	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,900
1961	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,090	1,668	1,668	1,604	16,400
1962	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,504	1,668	1,668	1,604	16,900
1963	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,604	1,668	1,668	1,604	17,000
1964	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,568	1,604	1,668	1,668	1,604	17,000
1965	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,504	1,668	637	0	14,200
1966	1,283	1,188	1,237	1,237	1,088	1,137	1,188	1,668	1,604	1,668	1,668	1,604	16,600
1967	986	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,568	1,668	1,604	16,200
1968	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,668	1,504	1,568	0	0	13,600
1969	78	1,188	1,237	1,237	1,088	1,237	1,188	1,668	0	0	0	0	8,900
1970	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,332	7	0	0	11,800
1971	1,668	1,188	1,237	1,237	1,088	1,237	1,188	805	0	0	0	225	9,900
1972	1,668	1,188	1,237	1,237	1,138	1,237	1,188	0	0	0	0	0	8,900
1973	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	0	0	0	12,000
Average	1,200	1,200	1,300	1,300	1,100	1,200	1,200	1,500	1,300	1,300	1,200	1,200	14,900

Bonneville Unit - Deliveries through Strawberry Tunnel

Location #0

0h

Water Year Monthly Summary

(cfs)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	21	22	22	22	21	22	0	0	0	0	0	0	11
1931	29	22	22	22	21	22	18	26	25	27	27	27	24
1932	32	22	22	22	22	22	20	27	19	26	29	30	24
1933	25	22	22	22	21	22	22	29	27	27	27	27	24
1934	29	22	23	22	23	22	22	29	0	0	29	27	21
1935	32	22	22	22	21	22	22	29	27	17	29	27	24
1936	27	22	20	22	22	22	22	29	27	27	27	21	24
1937	27	20	20	20	20	20	20	26	25	27	27	27	23
1938	10	20	20	20	20	20	20	26	25	26	27	27	22
1939	4	20	20	20	20	20	18	26	27	27	29	29	22
1940	29	22	22	20	22	20	20	27	27	27	27	27	24
1941	27	20	22	22	21	20	22	27	27	27	27	29	24
1942	21	22	22	20	21	20	22	27	27	27	27	29	24
1943	8	22	22	20	21	20	22	27	29	27	27	29	23
1944	2	22	22	20	22	20	20	27	27	27	23	29	22
1945	3	22	22	20	21	20	20	27	27	27	0	0	17
1946	4	22	20	20	21	20	20	27	27	27	27	27	22
1947	13	20	20	20	20	20	20	27	13	0	0	0	14
1948	4	20	20	20	20	20	20	26	27	27	27	27	22
1949	22	20	20	20	20	20	20	26	27	26	27	27	23
1950	3	20	20	20	20	20	20	26	27	26	27	27	21
1951	27	20	20	20	20	20	18	26	27	27	27	27	23
1952	10	20	20	20	20	20	20	26	2	0	0	0	13
1953	4	20	19	19	20	19	18	0	0	0	0	0	10
1954	8	20	20	20	20	20	18	26	27	27	27	27	22
1955	19	20	20	20	20	20	18	26	25	27	27	27	22
1956	27	20	20	20	20	20	18	26	27	27	27	27	23
1957	27	20	20	20	20	20	18	26	25	27	27	27	23
1958	1	20	20	20	20	19	20	26	27	27	27	27	21
1959	21	20	20	20	20	20	18	26	27	27	27	27	23
1960	27	20	20	20	20	20	18	26	27	27	27	27	23
1961	27	20	20	20	20	20	20	26	18	27	27	27	23
1962	27	20	20	20	20	20	20	26	25	27	27	27	23
1963	27	20	20	20	20	20	20	26	27	27	27	27	23
1964	27	20	20	20	20	20	20	26	27	27	27	27	23
1965	27	20	20	20	20	20	20	26	25	27	10	0	20
1966	21	20	20	20	20	19	20	27	27	27	27	27	23
1967	16	20	20	20	20	20	20	27	25	26	27	27	22
1968	27	20	20	20	20	20	20	27	25	26	0	0	19
1969	1	20	20	20	20	20	20	27	0	0	0	0	12
1970	27	20	20	20	20	20	20	27	22	0	0	0	16
1971	27	20	20	20	20	20	20	13	0	0	0	4	14
1972	27	20	20	20	20	20	20	0	0	0	0	0	12
1973	27	20	20	20	20	20	20	27	25	0	0	0	17
Average	19	20	21	20	20	20	19	24	22	21	20	20	21

PROPOSED ACTION
Bonneville Unit - Deliveries through Syar Tunnel
Location #0
Water Year Monthly Summary
(Acre-Feet)

(0i)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	0	1,355	1,276	2,026	1,415	439	300	0	0	0	50	0	6,900
1931	1,017	3,354	7,001	8,782	8,585	8,267	3,152	1,255	399	864	6,618	2,509	51,800
1932	2,350	5,374	5,304	7,505	9,037	12,864	11,517	25,835	26,600	22,131	12,198	2,769	143,500
1933	0	7,213	7,765	8,886	8,069	9,847	8,783	6,987	6,248	2,906	1,292	9,357	77,400
1934	3,310	3,921	5,923	5,465	5,119	8,196	4,481	1,483	0	0	734	696	39,300
1935	1,642	2,886	5,368	6,999	6,807	6,071	1,498	18,841	22,264	0	351	5,117	77,800
1936	5,456	6,972	5,943	7,779	7,831	7,908	17,967	29,141	19,345	13,738	8,208	0	130,300
1937	4,494	7,548	8,436	10,621	10,589	12,648	14,568	20,339	17,558	10,887	6,364	2,636	126,700
1938	0	8,284	7,909	8,387	8,446	11,968	12,879	19,059	14,990	9,010	4,130	2,052	107,100
1939	0	7,780	7,435	8,099	7,951	10,470	9,151	10,225	8,399	3,459	14	1,708	74,700
1940	497	11,174	7,206	8,085	8,348	8,102	3,501	8,945	6,047	2,174	326	2,577	67,000
1941	2,293	5,426	6,943	8,489	8,643	10,308	7,948	12,289	13,029	7,786	3,956	2,156	89,300
1942	0	2,209	3,727	4,689	4,797	5,832	6,900	10,483	10,863	8,705	5,932	4,249	68,400
1943	0	7,925	7,942	8,726	8,281	9,428	9,556	14,037	15,910	12,559	9,771	7,624	111,800
1944	0	11,634	11,020	10,660	8,997	9,166	8,382	10,875	222	334	50	373	71,700
1945	0	2,754	3,937	4,672	5,658	6,574	6,004	7,382	4,968	2,926	0	0	44,900
1946	0	3,515	5,233	5,994	5,981	7,119	9,629	12,399	9,321	6,834	4,162	3,120	73,300
1947	0	3,317	4,176	4,734	5,117	6,391	7,239	3,638	0	0	10	0	34,600
1948	0	3,064	4,293	4,584	4,946	5,717	7,883	8,613	4,418	3,316	2,655	2,787	52,300
1949	0	2,993	4,664	5,932	5,582	7,329	8,773	11,957	8,209	6,252	4,283	3,080	69,100
1950	0	3,307	4,426	5,877	6,414	7,548	10,073	12,870	16,243	13,891	6,597	5,721	93,000
1951	640	2,987	5,228	6,438	6,811	7,644	11,875	15,644	7,848	6,181	518	804	72,600
1952	0	3,096	4,720	5,898	5,894	7,263	312	476	0	80	0	0	27,700
1953	0	2,843	5,047	1,672	1,411	1,372	438	0	0	0	0	0	12,800
1954	0	3,014	4,146	5,430	6,350	7,126	5,485	6,539	4,747	3,271	2,833	3,216	52,200
1955	0	3,026	4,262	5,101	5,447	6,813	6,381	7,987	7,451	5,323	3,262	2,533	57,600
1956	0	8,100	9,101	9,613	9,587	9,282	9,019	14,831	14,898	11,629	8,298	6,485	110,800
1957	1,295	7,452	8,387	9,195	9,949	10,586	9,602	11,576	16,465	14,297	11,139	8,623	118,600
1958	0	1,377	1,953	3,199	4,222	6,218	7,309	17,020	8,721	6,604	5,240	4,923	66,800
1959	0	3,956	4,963	5,702	6,227	6,927	5,304	4,203	4,157	3,079	1,579	2,070	48,200
1960	197	7,419	7,598	7,611	7,340	8,236	6,872	7,989	7,439	5,224	22,459	4,674	93,100
1961	4,881	8,048	3,852	4,962	5,770	6,927	5,828	3,220	50	1,688	3,636	1,627	50,500
1962	4,073	6,577	7,446	5,822	4,678	6,519	10,532	17,008	19,899	15,977	11,357	966	110,900
1963	6,781	3,150	4,690	5,468	6,379	7,495	7,884	9,193	10,879	8,571	3,293	517	74,300
1964	4,394	3,607	5,689	6,521	6,388	7,012	7,438	11,569	17,643	12,550	10,505	8,091	101,400
1965	233	7,497	8,520	8,588	8,638	8,339	8,976	13,909	13,953	12,824	60	0	91,500
1966	0	3,350	5,242	6,126	6,392	7,734	6,772	8,872	7,439	4,962	2,908	2,167	62,000
1967	0	4,852	6,105	6,657	6,735	7,744	8,074	10,376	15,106	15,112	6,540	4,840	92,100
1968	942	2,569	4,224	5,199	5,996	7,005	7,301	7,887	8,516	6,325	10	0	56,000
1969	0	3,231	4,533	7,002	7,732	8,626	16,629	8,527	0	0	0	70	56,400
1970	225	3,014	4,616	6,091	6,863	7,499	6,189	11,488	20	0	0	0	46,000
1971	458	3,011	4,796	5,682	6,142	6,769	11,440	20	100	0	0	0	38,400
1972	1,431	3,074	4,956	6,276	6,625	9,555	13,019	0	0	0	100	0	45,000
1973	1,219	2,736	4,311	5,226	5,729	6,829	9,355	1,377	4	40	0	0	36,800
Average	1,100	4,800	5,700	6,500	6,700	7,800	8,000	9,900	8,400	5,900	3,900	2,500	71,200

PROPOSED ACTION
Bonneville Unit - Deliveries through Syar Tunnel
Location #0
Water Year Monthly Summary
(cfs)

3/17/99

0i

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	0	23	21	33	26	7	5	0	0	0	1	0	10
1931	17	56	114	143	155	135	53	20	7	14	108	42	72
1932	38	90	86	122	157	210	194	421	448	361	199	47	198
1933	0	121	127	145	146	160	148	114	105	47	21	158	108
1934	54	66	96	89	92	134	75	24	0	0	12	12	55
1935	27	49	87	114	123	99	25	307	375	0	6	86	108
1936	89	117	97	127	136	129	302	475	326	224	134	0	180
1937	73	127	137	173	191	206	245	331	296	177	104	44	175
1938	0	139	129	137	152	195	217	311	252	147	67	35	148
1939	0	131	121	132	143	171	154	167	141	56	0	29	104
1940	8	188	117	132	145	132	59	146	102	35	5	43	93
1941	37	91	113	138	156	168	134	200	219	127	64	36	124
1942	0	37	61	76	87	95	116	171	183	142	97	72	95
1943	0	133	129	142	149	154	161	229	268	205	159	128	155
1944	0	196	180	174	157	149	141	177	4	5	1	6	99
1945	0	46	64	76	102	107	101	120	84	48	0	0	62
1946	0	59	85	98	108	116	162	202	157	111	68	53	102
1947	0	56	68	77	92	104	122	59	0	0	0	0	48
1948	0	52	70	75	86	93	133	140	74	54	43	47	72
1949	0	50	76	97	101	119	148	195	138	102	70	52	96
1950	0	56	72	96	116	123	170	210	273	226	107	96	129
1951	10	50	85	105	123	125	200	255	132	101	8	14	101
1952	0	52	77	96	103	118	5	8	0	1	0	0	38
1953	0	48	82	27	25	22	7	0	0	0	0	0	18
1954	0	51	68	88	115	116	92	107	80	53	46	54	72
1955	0	51	69	83	98	111	107	130	125	87	53	43	80
1956	0	136	148	157	167	151	152	242	251	189	135	109	153
1957	21	125	137	150	179	172	162	189	277	233	181	145	164
1958	0	23	32	52	76	101	123	277	147	108	85	83	92
1959	0	67	81	93	112	113	89	68	70	50	26	35	67
1960	3	125	124	124	128	134	116	130	125	85	366	79	128
1961	80	135	63	81	104	113	98	52	1	28	59	27	70
1962	66	111	121	95	84	106	177	277	335	260	185	16	153
1963	110	53	76	89	115	122	133	150	183	140	54	9	103
1964	72	61	93	106	111	114	125	188	297	204	171	136	140
1965	4	126	139	140	156	136	151	227	235	209	1	0	127
1966	0	56	85	100	115	126	114	145	125	81	47	36	86
1967	0	82	99	108	121	126	136	169	254	246	107	81	128
1968	15	43	69	85	104	114	123	129	143	103	0	0	77
1969	0	54	74	114	139	141	280	139	0	0	0	1	79
1970	4	51	75	99	124	122	104	187	0	0	0	0	64
1971	7	51	78	93	111	110	193	0	2	0	0	0	54
1972	23	52	81	102	115	156	219	0	0	0	2	0	62
1973	20	46	70	85	103	111	157	22	0	1	0	0	51
Average	181	80	93	106	119	127	135	162	142	97	63	42	99

PROPOSED ACTION
Sixth Water Creek above Sixth Water Aqueduct - Total Flow
Location #1
Water Year Monthly Summary
(Acre-Feet)

(1a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	2,090	1,641	1,705	1,598	1,511	1,843	2,060	2,518	2,011	2,014	1,979	2,011	23,000
1931	2,105	1,610	1,675	1,614	1,480	1,705	1,901	2,121	1,935	1,968	1,968	1,904	22,000
1932	2,014	1,549	1,660	1,598	1,530	1,583	1,962	2,457	2,134	2,090	2,059	1,919	22,600
1933	2,029	1,579	1,660	1,598	1,388	1,598	1,671	2,671	2,440	2,167	2,075	1,996	22,900
1934	2,044	1,534	1,583	1,598	1,419	1,537	1,488	1,968	1,904	1,968	2,014	1,904	21,000
1935	1,983	1,564	1,537	1,537	1,388	1,537	1,763	2,763	2,256	2,059	2,014	1,981	22,400
1936	2,029	1,518	1,537	1,537	1,438	1,644	2,528	3,375	2,088	2,182	2,044	1,996	23,900
1937	2,059	1,564	1,583	1,537	1,480	1,767	2,237	3,559	2,225	2,167	2,059	1,965	24,200
1938	2,059	1,579	1,614	1,614	1,450	1,751	2,130	3,100	2,149	2,121	2,075	1,996	23,600
1939	2,059	1,564	1,629	1,614	1,419	1,797	1,916	2,258	1,904	1,968	1,968	1,935	22,000
1940	2,059	1,549	1,583	1,583	1,515	1,675	1,840	2,457	1,981	2,044	2,014	1,965	22,300
1941	2,014	1,549	1,598	1,598	1,465	1,644	1,794	2,610	2,149	2,136	1,968	1,996	22,500
1942	2,075	1,610	1,614	1,583	1,465	1,629	2,130	2,671	2,180	2,121	2,014	1,996	23,100
1943	2,059	1,610	1,629	1,598	1,511	1,660	2,023	2,320	2,057	2,059	1,968	1,935	22,400
1944	2,044	1,564	1,598	1,537	1,515	1,644	1,809	2,977	2,302	2,167	1,979	2,011	23,100
1945	2,090	1,595	1,583	1,583	1,465	1,644	1,794	2,809	2,149	2,059	2,121	2,011	22,900
1946	2,075	1,595	1,598	1,598	1,480	1,675	2,375	2,564	2,072	2,090	2,029	1,996	23,100
1947	2,059	1,595	1,598	1,614	1,465	1,690	1,931	2,580	2,088	2,136	2,034	1,950	22,700
1948	2,044	1,564	1,598	1,614	1,515	1,644	1,931	2,733	2,088	1,968	1,968	1,919	22,600
1949	2,059	1,579	1,614	1,537	1,450	1,660	2,100	2,840	2,271	2,136	2,044	2,011	23,300
1950	2,105	1,610	1,614	1,598	1,480	1,675	2,130	2,870	2,271	2,167	2,075	2,011	23,600
1951	2,105	1,641	1,644	1,598	1,480	1,675	2,115	2,993	2,241	1,968	1,998	2,011	23,500
1952	2,075	1,625	1,644	1,629	1,530	1,660	3,431	5,318	3,082	2,132	2,136	2,042	28,300
1953	2,121	1,732	1,736	1,644	1,511	1,690	1,901	2,473	2,225	2,121	2,075	1,996	23,200
1954	2,105	1,610	1,644	1,644	1,480	1,644	1,748	2,197	1,935	1,968	1,968	1,996	21,900
1955	2,044	1,579	1,614	1,629	1,465	1,629	1,687	2,396	1,950	2,044	2,029	1,919	22,000
1956	2,029	1,534	1,614	1,629	1,484	1,705	2,054	2,641	1,935	2,151	2,212	2,042	23,000
1957	2,044	1,564	1,614	1,629	1,496	1,660	1,794	3,207	2,654	2,136	2,044	1,996	23,800
1958	2,090	1,610	1,629	1,629	1,496	1,644	1,931	3,498	2,027	1,968	1,998	2,011	23,500
1959	2,075	1,579	1,629	1,629	1,465	1,644	1,656	1,998	1,935	2,029	2,105	1,965	21,700
1960	2,029	1,549	1,583	1,614	1,530	1,644	1,671	2,182	1,904	1,968	1,968	1,904	21,500
1961	2,044	1,564	1,583	1,614	1,434	1,598	1,595	2,121	1,904	1,968	1,968	1,965	21,400
1962	2,029	1,549	1,598	1,598	1,465	1,629	2,513	3,069	2,195	2,151	1,968	2,011	23,800
1963	2,075	1,564	1,598	1,629	1,557	1,660	1,687	2,641	2,149	2,121	2,014	1,904	22,600
1964	2,059	1,579	1,614	1,614	1,499	1,614	1,732	3,283	2,317	1,983	1,983	1,996	23,300
1965	2,059	1,595	1,660	1,644	1,480	1,675	2,222	3,758	2,792	2,212	2,091	2,057	25,200
1966	2,105	1,610	1,629	1,614	1,465	1,675	1,794	2,488	1,981	2,029	2,136	2,057	22,600
1967	2,090	1,579	1,614	1,614	1,450	1,675	1,625	2,779	2,562	2,136	2,090	2,042	23,300
1968	2,090	1,579	1,629	1,614	1,530	1,675	1,794	3,314	2,501	2,090	2,264	2,225	24,300
1969	2,151	1,595	1,644	1,644	1,496	1,705	2,972	3,957	2,337	2,136	2,151	2,008	25,800
1970	1,968	1,595	1,644	1,644	1,480	1,660	1,732	4,110	2,322	2,127	2,110	2,072	24,500
1971	1,968	1,610	1,629	1,644	1,480	1,690	2,299	4,686	2,196	2,117	2,125	2,069	25,500
1972	2,014	1,579	1,660	1,644	1,545	1,629	1,641	2,304	2,062	2,079	1,959	2,039	22,200
1973	2,044	1,595	1,629	1,629	1,465	1,660	2,023	4,951	2,484	2,117	2,166	2,105	25,900
Average	2,100	1,600	1,600	1,600	1,500	1,700	2,000	2,900	2,200	2,100	2,000	2,000	23,200

PROPOSED ACTION
Sixth Water Creek above Sixth Water Aqueduct - Total Flow
Location #1
Water Year Monthly Summary
(cfs)

3/17/99

1a

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	34	28	28	26	27	30	35	41	34	33	32	34	32
1931	34	27	27	26	27	28	32	35	33	32	32	32	30
1932	33	26	27	26	27	26	33	40	36	34	34	32	31
1933	33	27	27	26	25	26	28	44	41	35	34	34	32
1934	33	26	26	26	26	25	25	32	32	32	33	32	29
1935	32	26	25	25	25	25	30	45	38	34	33	33	31
1936	33	26	25	25	25	27	43	55	35	36	33	34	33
1937	34	26	26	25	27	29	38	58	37	35	34	33	33
1938	34	27	26	26	26	29	36	51	36	35	34	34	33
1939	34	26	27	26	26	29	32	37	32	32	32	33	30
1940	34	26	26	26	26	27	31	40	33	33	33	33	31
1941	33	26	26	26	26	27	30	43	36	35	32	34	31
1942	34	27	26	26	26	27	36	44	37	35	33	34	32
1943	34	27	27	26	27	27	34	38	35	34	32	33	31
1944	33	26	26	25	26	27	30	49	39	35	32	34	32
1945	34	27	26	26	26	27	30	46	36	34	35	34	32
1946	34	27	26	26	27	27	40	42	35	34	33	34	32
1947	34	27	26	26	26	28	33	42	35	35	33	33	31
1948	33	26	26	26	26	27	33	45	35	32	32	32	31
1949	34	27	26	25	26	27	35	46	38	35	33	34	32
1950	34	27	26	26	27	27	36	47	38	35	34	34	33
1951	34	28	27	26	27	27	36	49	38	32	33	34	32
1952	34	27	27	27	27	27	58	87	52	35	35	34	39
1953	35	29	28	27	27	28	32	40	37	35	34	34	32
1954	34	27	27	27	27	27	29	36	33	32	32	34	30
1955	33	27	26	27	26	27	28	39	33	33	33	32	30
1956	33	26	26	27	26	28	35	43	33	35	36	34	32
1957	33	26	26	27	27	27	30	52	45	35	33	34	33
1958	34	27	27	27	27	27	33	57	34	32	33	34	33
1959	34	27	27	27	26	27	28	39	33	33	33	33	30
1960	33	26	26	26	27	27	28	36	32	32	32	32	30
1961	33	26	26	26	26	26	27	35	32	32	32	33	30
1962	33	26	26	26	26	27	42	50	37	35	32	34	33
1963	34	26	26	27	28	27	28	43	36	35	33	32	31
1964	34	27	26	26	26	26	29	53	39	32	32	34	32
1965	34	27	27	27	27	27	37	61	47	36	34	35	35
1966	34	27	27	26	26	27	30	41	33	33	35	35	31
1967	34	27	26	26	26	27	27	45	43	35	34	34	32
1968	34	27	27	26	27	27	30	54	42	34	37	37	34
1969	35	27	27	27	27	28	50	64	39	35	35	34	36
1970	32	27	27	27	27	27	29	67	39	35	34	35	34
1971	32	27	27	27	27	28	39	76	37	34	35	35	35
1972	33	27	27	27	27	27	28	38	35	34	32	34	31
1973	33	27	27	27	26	27	34	81	42	34	35	35	36
Average	34	27	26	26	26	27	33	48	37	34	33	34	32

PROPOSED ACTION
Sixth Water Creek - Strawberry Tunnel Deliveries
Location #1
Water Year Monthly Summary
(Acre-Feet)

(1b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1,768	1,288	1,337	1,337	1,188	1,337	888	1,668	1,604	1,668	1,618	1,504	17,200
1931	1,768	1,288	1,337	1,337	1,188	1,337	1,088	1,568	1,504	1,668	1,668	1,604	17,400
1932	1,968	1,288	1,337	1,337	1,238	1,337	1,188	1,668	1,104	1,568	1,768	1,804	17,600
1933	1,668	1,288	1,337	1,337	1,188	1,337	1,288	1,768	1,604	1,668	1,668	1,604	17,800
1934	1,768	1,288	1,437	1,337	1,288	1,337	1,288	1,768	1,704	1,768	1,768	1,604	18,400
1935	1,968	1,288	1,337	1,337	1,188	1,337	1,288	1,768	1,604	1,668	1,768	1,604	18,200
1936	1,668	1,288	1,237	1,337	1,238	1,337	1,288	1,768	1,604	1,668	1,668	1,604	17,700
1937	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,504	1,668	1,668	1,604	16,900
1938	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,504	1,568	1,668	1,604	16,800
1939	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,604	1,668	1,768	1,704	17,100
1940	1,768	1,288	1,337	1,237	1,238	1,237	1,188	1,668	1,604	1,668	1,668	1,604	17,500
1941	1,668	1,188	1,337	1,337	1,188	1,237	1,288	1,668	1,604	1,668	1,668	1,704	17,600
1942	1,768	1,288	1,337	1,237	1,188	1,237	1,288	1,668	1,604	1,668	1,668	1,704	17,700
1943	1,768	1,288	1,337	1,237	1,188	1,237	1,288	1,668	1,704	1,668	1,668	1,704	17,800
1944	1,768	1,288	1,337	1,237	1,238	1,237	1,188	1,668	1,604	1,668	1,618	1,704	17,600
1945	1,768	1,288	1,337	1,237	1,188	1,237	1,188	1,668	1,604	1,668	1,668	1,604	17,500
1946	1,668	1,288	1,237	1,237	1,188	1,237	1,188	1,668	1,604	1,668	1,668	1,604	17,300
1947	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,668	1,658	1,604	16,900
1948	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,568	1,604	1,668	1,668	1,604	17,000
1949	1,768	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,604	1,568	1,668	1,604	17,000
1950	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,604	1,568	1,668	1,604	16,900
1951	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,900
1952	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,568	1,504	1,488	1,568	1,504	16,500
1953	1,568	1,188	1,137	1,137	1,088	1,137	1,088	1,568	1,504	1,668	1,668	1,604	16,400
1954	1,568	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,800
1955	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,504	1,668	1,668	1,604	16,800
1956	1,668	1,188	1,237	1,237	1,138	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,900
1957	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,504	1,668	1,668	1,604	16,800
1958	1,668	1,188	1,237	1,237	1,088	1,137	1,188	1,568	1,604	1,668	1,668	1,604	16,900
1959	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,900
1960	1,668	1,188	1,237	1,237	1,138	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,800
1961	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,604	1,668	1,668	1,604	17,000
1962	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,504	1,668	1,668	1,604	16,900
1963	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,604	1,668	1,668	1,604	17,000
1964	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,568	1,604	1,668	1,668	1,604	17,000
1965	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,504	1,668	1,608	1,604	16,800
1966	1,668	1,188	1,237	1,237	1,088	1,137	1,188	1,668	1,604	1,668	1,668	1,604	17,000
1967	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,568	1,668	1,604	16,900
1968	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,668	1,504	1,568	1,658	1,604	16,900
1969	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,568	1,668	1,534	16,800
1970	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,484	1,568	1,668	1,604	16,800
1971	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,648	1,404	1,568	1,668	1,604	16,700
1972	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,668	1,504	1,668	1,568	1,604	16,900
1973	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,528	1,668	1,604	16,800
Average	1,700	1,200	1,300	1,300	1,100	1,200	1,200	1,600	1,600	1,600	1,700	1,600	17,100

PROPOSED ACTION**Sixth Water Creek - Strawberry Tunnel Deliveries****Location #1****Water Year Monthly Summary**

(cfs)

1b

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	29	22	22	22	21	22	15	27	27	27	26	25	24
1931	29	22	22	22	21	22	18	26	25	27	27	27	24
1932	32	22	22	22	22	22	20	27	19	26	29	30	24
1933	27	22	22	22	21	22	22	29	27	27	27	27	25
1934	29	22	23	22	23	22	22	29	29	29	29	27	25
1935	32	22	22	22	21	22	22	29	27	27	29	27	25
1936	27	22	20	22	22	22	22	29	27	27	27	27	24
1937	27	20	20	20	20	20	20	26	25	27	27	27	23
1938	27	20	20	20	20	20	20	26	25	26	27	27	23
1939	27	20	20	20	20	20	18	26	27	27	29	29	24
1940	29	22	22	20	22	20	20	27	27	27	27	27	24
1941	27	20	22	22	21	20	22	27	27	27	27	29	24
1942	29	22	22	20	21	20	22	27	27	27	27	29	24
1943	29	22	22	20	21	20	22	27	29	27	27	29	25
1944	29	22	22	20	22	20	20	27	27	27	26	29	24
1945	29	22	22	20	21	20	20	27	27	27	27	27	24
1946	27	22	20	20	21	20	20	27	27	27	27	27	24
1947	27	20	20	20	20	20	20	27	25	27	27	27	23
1948	27	20	20	20	20	20	20	26	27	27	27	27	23
1949	29	20	20	20	20	20	20	26	27	26	27	27	23
1950	27	20	20	20	20	20	20	26	27	26	27	27	23
1951	27	20	20	20	20	20	18	26	27	27	27	27	23
1952	27	20	20	20	20	20	20	26	25	24	26	25	23
1953	26	20	19	19	20	19	18	26	25	27	27	27	23
1954	26	20	20	20	20	20	18	26	27	27	27	27	23
1955	27	20	20	20	20	20	18	26	25	27	27	27	23
1956	27	20	20	20	20	20	18	26	27	27	27	27	23
1957	27	20	20	20	20	20	18	26	25	27	27	27	23
1958	27	20	20	20	20	19	20	26	27	27	27	27	23
1959	27	20	20	20	20	20	18	26	27	27	27	27	23
1960	27	20	20	20	20	20	18	26	27	27	27	27	23
1961	27	20	20	20	20	20	20	26	27	27	27	27	23
1962	27	20	20	20	20	20	20	26	25	27	27	27	23
1963	27	20	20	20	20	20	20	26	27	27	27	27	23
1964	27	20	20	20	20	20	20	26	27	27	27	27	23
1965	27	20	20	20	20	20	20	26	25	27	26	27	23
1966	27	20	20	20	20	19	20	27	27	27	27	27	23
1967	27	20	20	20	20	20	20	27	25	26	27	27	23
1968	27	20	20	20	20	20	20	27	25	26	27	27	23
1969	27	20	20	20	20	20	20	27	25	26	27	26	23
1970	27	20	20	20	20	20	20	27	25	26	27	27	23
1971	27	20	20	20	20	20	20	27	24	26	27	27	23
1972	27	20	20	20	20	20	20	27	25	27	26	27	23
1973	27	20	20	20	20	20	20	27	25	25	27	27	23
Average	28	20	21	20	20	20	20	26	26	27	27	27	24

PROPOSED ACTION
Sixth Water Creek - Strawberry Tunnel Seepage
Location #1
Water Year Monthly Summary
(Acre-Feet)

(1c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	200	200	200	200	200	200	300	300	300	300	300	400	3,100
1931	200	200	200	200	200	200	400	400	400	300	300	300	3,300
1932	0	200	200	200	200	200	300	300	800	400	200	100	3,100
1933	300	200	200	200	200	200	200	200	300	300	300	300	2,900
1934	200	200	100	200	100	200	200	200	200	200	200	300	2,300
1935	0	200	200	200	200	200	200	200	300	300	200	300	2,500
1936	300	200	300	200	200	200	200	200	300	300	300	300	3,000
1937	300	300	300	300	300	300	300	400	400	300	300	300	3,800
1938	300	300	300	300	300	300	300	400	400	400	300	300	3,900
1939	300	300	300	300	300	300	400	400	300	300	200	200	3,600
1940	200	200	200	300	200	300	300	300	300	300	300	300	3,200
1941	300	300	200	200	200	300	200	300	300	300	300	200	3,100
1942	200	200	200	300	200	300	200	300	300	300	300	200	3,000
1943	200	200	200	300	200	300	200	300	200	300	300	200	2,900
1944	200	200	200	300	200	300	300	300	300	300	300	200	3,100
1945	200	200	200	300	200	300	300	300	300	300	300	300	3,200
1946	300	200	300	300	200	300	300	300	300	300	300	300	3,400
1947	300	300	300	300	300	300	300	300	400	300	300	300	3,700
1948	300	300	300	300	300	300	300	400	300	300	300	300	3,700
1949	200	300	300	300	300	300	300	400	300	400	300	300	3,700
1950	300	300	300	300	300	300	300	400	300	400	300	300	3,800
1951	300	300	300	300	300	300	300	400	400	300	300	300	3,800
1952	300	300	300	300	300	300	300	400	400	400	400	400	4,100
1953	400	300	400	400	300	400	400	400	400	300	300	300	4,300
1954	400	300	300	300	300	300	400	400	300	300	300	300	3,900
1955	300	300	300	300	300	300	400	400	400	300	300	300	3,900
1956	300	300	300	300	300	300	400	400	300	300	300	300	3,800
1957	300	300	300	300	300	300	400	400	400	300	300	300	3,900
1958	300	300	300	300	300	400	300	400	300	300	300	300	3,800
1959	300	300	300	300	300	300	400	400	300	300	300	300	3,800
1960	300	300	300	300	300	300	400	400	300	300	300	300	3,800
1961	300	300	300	300	300	300	300	400	300	300	300	300	3,700
1962	300	300	300	300	300	300	300	400	400	300	300	300	3,800
1963	300	300	300	300	300	300	300	400	300	300	300	300	3,700
1964	300	300	300	300	300	300	300	400	300	300	300	300	3,700
1965	300	300	300	300	300	300	300	400	400	300	300	300	3,800
1966	300	300	300	300	300	400	300	300	300	300	300	300	3,700
1967	300	300	300	300	300	300	300	300	400	400	300	300	3,800
1968	300	300	300	300	300	300	300	300	400	400	300	300	3,800
1969	300	300	300	300	300	300	300	300	400	400	300	300	3,800
1970	300	300	300	300	300	300	300	300	400	400	300	300	3,800
1971	300	300	300	300	300	300	300	300	400	400	300	300	3,800
1972	300	300	300	300	300	300	300	300	400	300	300	300	3,700
1973	300	300	300	300	300	300	300	300	400	400	300	300	3,800
Average	270	270	270	280	270	290	310	340	350	320	290	290	3,600

PROPOSED ACTION
Sixth Water Creek - Strawberry Tunnel Seepage
Location #1
Water Year Monthly Summary
(cfs)

3/17/99

1c

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	3	3	3	3	4	3	5	5	5	5	5	7	4
1931	3	3	3	3	4	3	7	7	7	5	5	5	5
1932	0	3	3	3	3	3	5	5	13	7	3	2	5
1933	5	3	3	3	4	3	3	3	5	5	5	5	4
1934	3	3	2	3	2	3	3	3	3	3	3	5	3
1935	0	3	3	3	4	3	3	3	5	5	3	5	3
1936	5	3	5	3	3	3	3	3	5	5	5	5	4
1937	5	5	5	5	5	5	5	7	7	5	5	5	5
1938	5	5	5	5	5	5	5	7	7	7	5	5	5
1939	5	5	5	5	5	5	7	7	5	5	3	3	5
1940	3	3	3	5	3	5	5	5	5	5	5	5	4
1941	5	5	3	3	4	5	3	5	5	5	5	3	4
1942	3	3	3	5	4	5	3	5	5	5	5	3	4
1943	3	3	3	5	4	5	3	5	3	5	5	3	4
1944	3	3	3	5	3	5	5	5	5	5	5	3	4
1945	3	3	3	5	4	5	5	5	5	5	5	5	4
1946	5	3	5	5	4	5	5	5	5	5	5	5	5
1947	5	5	5	5	5	5	5	5	7	5	5	5	5
1948	5	5	5	5	5	5	5	7	5	5	5	5	5
1949	3	5	5	5	5	5	5	7	5	7	5	5	5
1950	5	5	5	5	5	5	5	7	5	7	5	5	5
1951	5	5	5	5	5	5	7	7	5	5	5	5	5
1952	5	5	5	5	5	5	5	7	7	7	7	7	6
1953	7	5	7	7	5	7	7	7	7	5	5	5	6
1954	7	5	5	5	5	5	7	7	5	5	5	5	5
1955	5	5	5	5	5	5	7	7	7	5	5	5	5
1956	5	5	5	5	5	5	5	7	5	5	5	5	5
1957	5	5	5	5	5	5	7	7	7	5	5	5	5
1958	5	5	5	5	5	7	5	7	5	5	5	5	5
1959	5	5	5	5	5	5	7	7	5	5	5	5	5
1960	5	5	5	5	5	5	7	7	5	5	5	5	5
1961	5	5	5	5	5	5	5	7	5	5	5	5	5
1962	5	5	5	5	5	5	5	7	7	5	5	5	5
1963	5	5	5	5	5	5	5	7	5	5	5	5	5
1964	5	5	5	5	5	5	5	7	5	5	5	5	5
1965	5	5	5	5	5	5	5	7	7	5	5	5	5
1966	5	5	5	5	5	7	5	5	5	5	5	5	5
1967	5	5	5	5	5	5	5	5	7	7	5	5	5
1968	5	5	5	5	5	5	5	5	7	7	5	5	5
1969	5	5	5	5	5	5	5	5	7	7	5	5	5
1970	5	5	5	5	5	5	5	5	7	7	5	5	5
1971	5	5	5	5	5	5	5	5	7	7	5	5	5
1972	5	5	5	5	5	5	5	5	7	5	5	5	5
1973	5	5	5	5	5	5	5	5	7	7	5	5	5
Average	4	5	4	5	5	5	5	6	6	5	5	5	5

PROPOSED ACTION
Sixth Water Creek - Natural Flow Gains, Strawberry Tunnel to Sixth Water Aqueduct
Location #1
Water Year Monthly Summary
(Acre-Feet)

(1d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	122	153	168	61	122	306	872	551	107	46	61	107	2,700
1931	138	122	138	77	92	168	413	153	31	0	0	0	1,300
1932	46	61	122	61	92	46	474	490	230	122	92	15	1,900
1933	61	92	122	61	0	61	184	704	536	199	107	92	2,200
1934	77	46	46	61	31	0	0	0	0	0	46	0	310
1935	15	77	0	0	0	0	275	796	352	92	46	77	1,700
1936	61	31	0	0	0	107	1040	1408	184	214	77	92	3,200
1937	92	77	46	0	92	230	750	1591	321	199	92	61	3,500
1938	92	92	77	77	61	214	643	1132	245	153	107	92	3,000
1939	92	77	92	77	31	260	428	291	0	0	0	31	1,400
1940	92	61	46	46	77	138	352	490	77	77	46	61	1,600
1941	46	61	61	61	77	107	306	643	245	168	0	92	1,900
1942	107	122	77	46	77	92	643	704	275	153	46	92	2,400
1943	92	122	92	61	122	122	536	352	153	92	0	31	1,800
1944	77	77	61	0	77	107	321	1010	398	199	61	107	2,500
1945	122	107	46	46	77	107	306	842	245	92	153	107	2,200
1946	107	107	61	61	92	138	887	597	168	122	61	92	2,500
1947	92	107	61	77	77	153	444	612	184	168	77	46	2,100
1948	77	77	61	77	77	107	444	765	184	0	0	15	1,900
1949	92	92	77	0	61	122	612	872	367	168	77	107	2,600
1950	138	122	77	61	92	138	643	903	367	199	107	107	3,000
1951	138	153	107	61	92	138	627	1025	337	0	31	107	2,800
1952	107	138	107	92	92	122	1943	3351	1178	245	168	138	7,700
1953	153	245	199	107	122	153	413	505	321	153	107	92	2,600
1954	138	122	107	107	92	107	260	230	31	0	0	92	1,300
1955	77	92	77	92	77	92	199	428	46	77	61	15	1,300
1956	61	46	77	92	46	168	566	673	31	184	245	138	2,300
1957	77	77	77	92	107	122	306	1239	750	168	77	92	3,200
1958	122	122	92	92	107	107	444	1530	122	0	31	107	2,900
1959	107	92	92	92	77	107	168	31	31	61	138	61	1,100
1960	61	61	46	77	92	107	184	214	0	0	0	0	840
1961	77	77	46	77	46	61	107	153	0	0	0	61	700
1962	61	61	61	61	77	92	1025	1102	291	184	0	107	3,100
1963	107	77	61	92	168	122	199	673	245	153	46	0	1,900
1964	92	92	77	77	61	77	245	1316	413	15	15	92	2,600
1965	92	107	122	107	92	138	734	1790	887	245	184	153	4,700
1966	138	122	92	77	77	138	306	520	77	61	168	153	1,900
1967	122	92	77	77	61	138	138	811	658	168	122	138	2,600
1968	122	92	92	77	92	138	306	1346	597	122	306	321	3,600
1969	184	107	107	107	107	168	1484	1989	433	168	184	174	5,200
1970	0	107	107	107	92	122	245	2142	438	160	143	168	3,800
1971	0	122	92	107	92	153	811	2739	392	150	157	165	5,000
1972	46	92	122	107	107	92	153	337	158	112	91	135	1,600
1973	77	107	92	92	77	122	536	2984	580	189	198	201	5,300
Average	90	100	80	70	80	130	500	960	290	120	80	90	2,600

PROPOSED ACTION
Sixth Water Creek - Natural Flow Gains, Strawberry Tunnel to Sixth Water Aqueduct
Location #1
Water Year Monthly Summary
(cfs)

(1d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	2	3	3	1	2	5	15	9	2	1	1	2	4
1931	2	2	2	1	2	3	7	2	1	0	0	0	2
1932	1	1	2	1	2	1	8	8	4	2	1	0	3
1933	1	2	2	1	0	1	3	11	9	3	2	2	3
1934	1	1	1	1	1	0	0	0	0	0	1	0	0
1935	0	1	0	0	0	0	5	13	6	1	1	1	2
1936	1	1	0	0	0	2	18	23	3	3	1	2	4
1937	1	1	1	0	2	4	13	26	5	3	1	1	5
1938	1	2	1	1	1	3	11	18	4	2	2	2	4
1939	1	1	1	1	1	4	7	5	0	0	0	1	2
1940	1	1	1	1	1	2	6	8	1	1	1	1	2
1941	1	1	1	1	1	2	5	10	4	3	0	2	3
1942	2	2	1	1	1	1	11	11	5	2	1	2	3
1943	1	2	1	1	2	2	9	6	3	1	0	1	2
1944	1	1	1	0	1	2	5	16	7	3	1	2	3
1945	2	2	1	1	1	2	5	14	4	1	2	2	3
1946	2	2	1	1	2	2	15	10	3	2	1	2	3
1947	1	2	1	1	1	2	7	10	3	3	1	1	3
1948	1	1	1	1	1	2	7	12	3	0	0	0	3
1949	1	2	1	0	1	2	10	14	6	3	1	2	4
1950	2	2	1	1	2	2	11	15	6	3	2	2	4
1951	2	3	2	1	2	2	11	17	6	0	0	2	4
1952	2	2	2	1	2	2	33	55	20	4	3	2	11
1953	2	4	3	2	2	2	7	8	5	2	2	2	4
1954	2	2	2	2	2	2	4	4	1	0	0	2	2
1955	1	2	1	1	1	1	3	7	1	1	1	0	2
1956	1	1	1	1	1	3	10	11	1	3	4	2	3
1957	1	1	1	1	1	2	5	20	13	3	1	2	4
1958	2	2	1	1	2	2	7	25	2	0	0	2	4
1959	2	2	1	1	1	2	3	0	1	1	2	1	1
1960	1	1	1	1	2	2	3	3	0	0	0	0	1
1961	1	1	1	1	1	1	2	2	0	0	0	1	1
1962	1	1	1	1	1	1	17	18	5	3	0	2	4
1963	2	1	1	1	3	2	3	11	4	2	1	0	3
1964	1	2	1	1	1	1	4	21	7	0	0	2	4
1965	1	2	2	2	2	2	12	29	15	4	3	3	6
1966	2	2	1	1	1	2	5	8	1	1	3	3	3
1967	2	2	1	1	1	2	2	13	11	3	2	2	4
1968	2	2	1	1	2	2	5	22	10	2	5	5	5
1969	3	2	2	2	2	3	25	32	7	3	3	3	7
1970	0	2	2	2	2	2	4	35	7	3	2	3	5
1971	0	2	1	2	2	2	14	45	7	2	3	3	7
1972	1	2	2	2	2	1	3	5	3	2	1	2	2
1973	1	2	1	1	1	2	9	49	10	3	3	3	7
Average	1	2	1	1	1	2	8	16	5	2	1	2	4

PROPOSED ACTION
Sixth Water Creek below Sixth Water Aqueduct - Total Flow
Location #2
Water Year Monthly Summary
(Acre-Feet)

(2a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	2,090	1,641	1,705	1,598	1,511	1,843	2,060	2,518	2,011	2,014	1,979	2,011	23,000
1931	2,105	1,610	1,675	1,614	1,480	1,705	1,901	2,121	1,935	1,968	1,968	1,904	22,000
1932	2,014	1,549	1,660	1,598	1,530	1,583	1,962	2,457	2,134	2,090	2,059	1,919	22,600
1933	2,029	1,579	1,660	1,598	1,388	1,598	1,671	2,671	2,440	2,167	2,075	1,996	22,900
1934	2,044	1,534	1,583	1,598	1,419	1,537	1,488	1,968	1,904	1,968	2,014	1,904	21,000
1935	1,983	1,564	1,537	1,537	1,388	1,537	1,763	2,763	2,256	2,059	2,014	1,981	22,400
1936	2,029	1,518	1,537	1,537	1,438	1,644	2,528	3,375	2,088	2,182	2,044	1,996	23,900
1937	2,059	1,564	1,583	1,537	1,480	1,767	2,237	3,559	2,225	2,167	2,059	1,965	24,200
1938	2,059	1,579	1,614	1,614	1,450	1,751	2,130	3,100	2,149	2,121	2,075	1,996	23,600
1939	2,059	1,564	1,629	1,614	1,419	1,797	1,916	2,258	1,904	1,968	1,968	1,935	22,000
1940	2,059	1,549	1,583	1,583	1,515	1,675	1,840	2,457	1,981	2,044	2,014	1,965	22,300
1941	2,014	1,549	1,598	1,598	1,465	1,644	1,794	2,610	2,149	2,136	1,968	1,996	22,500
1942	2,075	1,610	1,614	1,583	1,465	1,629	2,130	2,671	2,180	2,121	2,014	1,996	23,100
1943	2,059	1,610	1,629	1,598	1,511	1,660	2,023	2,320	2,057	2,059	1,968	1,935	22,400
1944	2,044	1,564	1,598	1,537	1,515	1,644	1,809	2,977	2,302	2,167	1,979	2,011	23,100
1945	2,090	1,595	1,583	1,583	1,465	1,644	1,794	2,809	2,149	2,059	2,121	2,011	22,900
1946	2,075	1,595	1,598	1,598	1,480	1,675	2,375	2,564	2,072	2,090	2,029	1,996	23,100
1947	2,059	1,595	1,598	1,614	1,465	1,690	1,931	2,580	2,088	2,136	2,034	1,950	22,700
1948	2,044	1,564	1,598	1,614	1,515	1,644	1,931	2,733	2,088	1,968	1,968	1,919	22,600
1949	2,059	1,579	1,614	1,537	1,450	1,660	2,100	2,840	2,271	2,136	2,044	2,011	23,300
1950	2,105	1,610	1,614	1,598	1,480	1,675	2,130	2,870	2,271	2,167	2,075	2,011	23,600
1951	2,105	1,641	1,644	1,598	1,480	1,675	2,115	2,993	2,241	1,968	1,998	2,011	23,500
1952	2,075	1,625	1,644	1,629	1,530	1,660	3,431	5,318	3,082	2,132	2,136	2,042	28,300
1953	2,121	1,732	1,736	1,644	1,511	1,690	1,901	2,473	2,225	2,121	2,075	1,996	23,200
1954	2,105	1,610	1,644	1,644	1,480	1,644	1,748	2,197	1,935	1,968	1,968	1,996	21,900
1955	2,044	1,579	1,614	1,629	1,465	1,629	1,687	2,396	1,950	2,044	2,029	1,919	22,000
1956	2,029	1,534	1,614	1,629	1,484	1,705	2,054	2,641	1,935	2,151	2,212	2,042	23,000
1957	2,044	1,564	1,614	1,629	1,496	1,660	1,794	3,207	2,654	2,136	2,044	1,996	23,800
1958	2,090	1,610	1,629	1,629	1,496	1,644	1,931	3,498	2,027	1,968	1,998	2,011	23,500
1959	2,075	1,579	1,629	1,629	1,465	1,644	1,656	1,998	1,935	2,029	2,105	1,965	21,700
1960	2,029	1,549	1,583	1,614	1,530	1,644	1,671	2,182	1,904	1,968	1,968	1,904	21,500
1961	2,044	1,564	1,583	1,614	1,434	1,598	1,595	2,121	1,904	1,968	1,968	1,965	21,400
1962	2,029	1,549	1,598	1,598	1,465	1,629	2,513	3,069	2,195	2,151	1,968	2,011	23,800
1963	2,075	1,564	1,598	1,629	1,557	1,660	1,687	2,641	2,149	2,121	2,014	1,904	22,600
1964	2,059	1,579	1,614	1,614	1,499	1,614	1,732	3,283	2,317	1,983	1,983	1,996	23,300
1965	2,059	1,595	1,660	1,644	1,480	1,675	2,222	3,758	2,792	2,212	2,091	2,057	25,200
1966	2,105	1,610	1,629	1,614	1,465	1,675	1,794	2,488	1,981	2,029	2,136	2,057	22,600
1967	2,090	1,579	1,614	1,614	1,450	1,675	1,625	2,779	2,562	2,136	2,090	2,042	23,300
1968	2,090	1,579	1,629	1,614	1,530	1,675	1,794	3,314	2,501	2,090	2,264	2,225	24,300
1969	2,151	1,595	1,644	1,644	1,496	1,705	2,972	3,957	2,337	2,136	2,151	2,008	25,800
1970	1,968	1,595	1,644	1,644	1,480	1,660	1,732	4,110	2,322	2,127	2,110	2,072	24,500
1971	1,968	1,610	1,629	1,644	1,480	1,690	2,299	4,686	2,196	2,117	2,125	2,069	25,500
1972	2,014	1,579	1,660	1,644	1,545	1,629	1,641	2,304	2,062	2,079	1,959	2,039	22,200
1973	2,044	1,595	1,629	1,629	1,465	1,660	2,023	4,951	2,484	2,117	2,166	2,105	25,900
Average	2,100	1,600	1,600	1,600	1,500	1,700	2,000	2,900	2,200	2,100	2,000	2,000	23,200

PROPOSED ACTION

3/17/99

Sixth Water Creek below Sixth Water Aqueduct - Total Flow

Location #2

2a

Water Year Monthly Summary
(cfs)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	34	28	28	26	27	30	35	41	34	33	32	34	32
1931	34	27	27	26	27	28	32	35	33	32	32	32	30
1932	33	26	27	26	27	26	33	40	36	34	34	32	31
1933	33	27	27	26	25	26	28	44	41	35	34	34	32
1934	33	26	26	26	26	25	25	32	32	32	33	32	29
1935	32	26	25	25	25	25	30	45	38	34	33	33	31
1936	33	26	25	25	25	27	43	55	35	36	33	34	33
1937	34	26	26	25	27	29	38	58	37	35	34	33	33
1938	34	27	26	26	26	29	36	51	36	35	34	34	33
1939	34	26	27	26	26	29	32	37	32	32	32	33	30
1940	34	26	26	26	26	27	31	40	33	33	33	33	31
1941	33	26	26	26	26	27	30	43	36	35	32	34	31
1942	34	27	26	26	26	27	36	44	37	35	33	34	32
1943	34	27	27	26	27	27	34	38	35	34	32	33	31
1944	33	26	26	25	26	27	30	49	39	35	32	34	32
1945	34	27	26	26	26	27	30	46	36	34	35	34	32
1946	34	27	26	26	27	27	40	42	35	34	33	34	32
1947	34	27	26	26	26	28	33	42	35	35	33	33	31
1948	33	26	26	26	26	27	33	45	35	32	32	32	31
1949	34	27	26	25	26	27	35	46	38	35	33	34	32
1950	34	27	26	26	27	27	36	47	38	35	34	34	33
1951	34	28	27	26	27	27	36	49	38	32	33	34	32
1952	34	27	27	27	27	27	58	87	52	35	35	34	39
1953	35	29	28	27	27	28	32	40	37	35	34	34	32
1954	34	27	27	27	27	27	29	36	33	32	32	34	30
1955	33	27	26	27	26	27	28	39	33	33	33	32	30
1956	33	26	26	27	26	28	35	43	33	35	36	34	32
1957	33	26	26	27	27	27	30	52	45	35	33	34	33
1958	34	27	27	27	27	27	33	57	34	32	33	34	33
1959	34	27	27	27	26	27	28	33	33	33	34	33	30
1960	33	26	26	26	27	27	28	36	32	32	32	32	30
1961	33	26	26	26	26	26	27	35	32	32	32	33	30
1962	33	26	26	26	26	27	42	50	37	35	32	34	33
1963	34	26	26	27	28	27	28	43	36	35	33	32	31
1964	34	27	26	26	26	26	29	53	39	32	32	34	32
1965	34	27	27	27	27	27	37	61	47	36	34	35	35
1966	34	27	27	26	26	27	30	41	33	33	35	35	31
1967	34	27	26	26	26	27	27	45	43	35	34	34	32
1968	34	27	27	26	27	27	30	54	42	34	37	37	34
1969	35	27	27	27	27	28	50	64	39	35	35	34	36
1970	32	27	27	27	27	27	29	67	39	35	34	35	34
1971	32	27	27	27	27	28	39	76	37	34	35	35	35
1972	33	27	27	27	27	27	28	38	35	34	32	34	31
1973	33	27	27	27	26	27	34	81	42	34	35	35	36
Average	34	27	26	26	26	27	33	48	37	34	33	34	32

PROPOSED ACTION
Sixth Water Creek - Water Releases from Sixth Water Aqueduct
Location #2
Water Year Monthly Summary
(Acre-Feet)

2b

PROPOSED ACTION
Sixth Water Creek - Water Releases from Sixth Water Aqueduct
Location #2
Water Year Monthly Summary
(cfs)

3/17/99

2b

PROPOSED ACTION
Sixth Water Creek below Fifth Water Creek - Total Flow
Location #3
Water Year Monthly Summary
(Acre-Feet)

(3a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	2,303	1,907	1,999	1,705	1,724	2,376	3,578	3,477	2,198	2,093	2,085	2,198	27,600
1931	2,345	1,823	1,915	1,747	1,640	1,999	2,620	2,387	1,988	1,968	1,968	1,904	24,300
1932	2,093	1,655	1,873	1,705	1,690	1,663	2,788	3,310	2,533	2,303	2,219	1,946	25,800
1933	2,135	1,739	1,873	1,705	1,388	1,705	1,991	3,897	3,372	2,513	2,261	2,156	26,700
1934	2,177	1,613	1,663	1,705	1,472	1,537	1,488	1,968	1,904	1,968	2,093	1,904	21,500
1935	2,010	1,697	1,537	1,537	1,388	1,537	2,243	4,148	2,869	2,219	2,093	2,114	25,400
1936	2,135	1,571	1,537	1,537	1,438	1,831	4,340	5,826	2,407	2,555	2,177	2,156	29,500
1937	2,219	1,697	1,663	1,537	1,640	2,166	3,543	6,329	2,785	2,513	2,219	2,072	30,400
1938	2,219	1,739	1,747	1,747	1,556	2,124	3,249	5,071	2,575	2,387	2,261	2,156	28,800
1939	2,219	1,697	1,789	1,747	1,472	2,250	2,662	2,764	1,904	1,968	1,968	1,988	24,400
1940	2,219	1,655	1,663	1,663	1,648	1,915	2,452	3,310	2,114	2,177	2,093	2,072	25,000
1941	2,093	1,655	1,705	1,705	1,598	1,831	2,326	3,729	2,575	2,429	1,968	2,156	25,800
1942	2,261	1,823	1,747	1,663	1,598	1,789	3,249	3,897	2,659	2,387	2,093	2,156	27,300
1943	2,219	1,823	1,789	1,705	1,724	1,873	2,956	2,932	2,324	2,219	1,968	1,988	25,500
1944	2,177	1,697	1,705	1,537	1,648	1,831	2,368	4,736	2,995	2,513	2,085	2,198	27,500
1945	2,303	1,781	1,663	1,663	1,598	1,831	2,326	4,274	2,575	2,219	2,387	2,198	26,800
1946	2,261	1,781	1,705	1,705	1,640	1,915	3,920	3,603	2,365	2,303	2,135	2,156	27,500
1947	2,219	1,781	1,705	1,747	1,598	1,957	2,704	3,645	2,407	2,429	2,167	2,030	26,400
1948	2,177	1,697	1,705	1,747	1,648	1,831	2,704	4,065	2,407	1,968	1,968	1,946	25,900
1949	2,219	1,739	1,747	1,537	1,556	1,873	3,165	4,358	2,911	2,429	2,177	2,198	27,900
1950	2,345	1,823	1,747	1,705	1,640	1,915	3,249	4,442	2,911	2,513	2,261	2,198	28,700
1951	2,345	1,907	1,831	1,705	1,640	1,915	3,207	4,778	2,827	1,968	2,051	2,198	28,400
1952	2,261	1,865	1,831	1,789	1,690	1,873	6,814	11,152	5,134	2,559	2,429	2,282	41,700
1953	2,387	2,159	2,082	1,831	1,724	1,957	2,620	3,352	2,785	2,387	2,261	2,156	27,700
1954	2,345	1,823	1,831	1,831	1,640	1,831	2,201	2,597	1,988	1,968	1,968	2,156	24,200
1955	2,177	1,739	1,747	1,789	1,598	1,789	2,033	3,142	2,030	2,177	2,135	1,946	24,300
1956	2,261	1,613	1,747	1,789	1,564	1,999	3,039	3,813	1,988	2,471	2,639	2,282	27,100
1957	2,177	1,697	1,747	1,789	1,682	1,873	2,326	5,365	3,959	2,429	2,177	2,156	29,400
1958	2,303	1,823	1,789	1,789	1,682	1,831	2,704	6,162	2,240	1,968	2,051	2,198	28,500
1959	2,261	1,739	1,789	1,789	1,598	1,831	1,949	2,051	1,988	2,135	2,345	2,072	23,500
1960	2,135	1,655	1,663	1,747	1,690	1,831	1,991	2,555	1,904	1,968	1,968	1,904	23,000
1961	2,177	1,697	1,663	1,747	1,514	1,705	1,781	2,387	1,904	1,968	1,968	2,072	22,600
1962	2,135	1,655	1,705	1,705	1,598	1,789	4,298	4,987	2,701	2,471	1,968	2,198	29,200
1963	2,261	1,697	1,705	1,789	1,850	1,873	2,033	3,813	2,575	2,387	2,093	1,904	26,000
1964	2,219	1,739	1,747	1,747	1,606	1,747	2,159	5,574	3,037	2,010	2,010	2,156	27,700
1965	2,219	1,781	1,873	1,831	1,640	1,915	3,501	6,875	4,337	2,639	2,411	2,324	33,300
1966	2,345	1,823	1,789	1,747	1,598	1,915	2,326	3,394	2,114	2,135	2,429	2,324	25,900
1967	2,303	1,739	1,747	1,747	1,556	1,915	1,865	4,190	3,708	2,429	2,303	2,282	27,800
1968	2,303	1,739	1,789	1,747	1,690	1,915	2,326	5,658	3,540	2,303	2,796	2,785	30,600
1969	2,471	1,781	1,831	1,831	1,682	1,999	5,556	7,420	3,090	2,429	2,471	2,311	34,900
1970	1,968	1,781	1,831	1,831	1,640	1,873	2,159	7,839	3,086	2,405	2,359	2,364	31,100
1971	1,968	1,823	1,789	1,831	1,640	1,957	3,710	9,455	2,878	2,378	2,398	2,355	34,200
1972	2,093	1,739	1,873	1,831	1,732	1,789	1,907	2,890	2,338	2,274	2,118	2,273	24,900
1973	2,177	1,781	1,789	1,789	1,598	1,873	2,956	10,146	3,495	2,446	2,511	2,455	35,000
Average	2,200	1,800	1,800	1,700	1,600	1,900	2,800	4,600	2,700	2,300	2,200	2,200	27,700

PROPOSED ACTION
Sixth Water Creek below Fifth Water Creek - Total Flow
Location #3
Water Year Monthly Summary
(cfs)

3/17/99

3a

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	38	32	33	28	31	39	60	57	37	34	34	37	38
1931	38	31	31	28	30	33	44	39	33	32	32	32	34
1932	34	28	31	28	29	27	47	54	43	38	36	33	36
1933	35	29	31	28	25	28	34	63	57	41	37	36	37
1934	35	27	27	28	27	25	25	32	32	32	34	32	30
1935	33	29	25	25	25	25	38	68	48	36	34	36	35
1936	35	26	25	25	25	30	73	95	41	42	35	36	41
1937	36	29	27	25	30	35	60	103	47	41	36	35	42
1938	36	29	28	28	28	35	55	83	43	39	37	36	40
1939	36	29	29	28	27	37	45	45	32	32	32	33	34
1940	36	28	27	27	29	31	41	54	36	35	34	35	34
1941	34	28	28	28	29	30	39	61	43	40	32	36	36
1942	37	31	28	27	29	29	55	63	45	39	34	36	38
1943	36	31	29	28	31	31	50	48	39	36	32	33	35
1944	35	29	28	25	29	30	40	77	50	41	34	37	38
1945	38	30	27	27	29	30	39	70	43	36	39	37	37
1946	37	30	28	28	30	31	66	59	40	38	35	36	38
1947	36	30	28	28	29	32	46	59	41	40	35	34	36
1948	35	29	28	28	29	30	46	66	41	32	32	33	36
1949	36	29	28	25	28	31	53	71	49	40	35	37	39
1950	38	31	28	28	30	31	55	72	49	41	37	37	40
1951	38	32	30	28	30	31	54	78	48	32	33	37	39
1952	37	31	30	29	29	31	115	182	86	42	40	38	57
1953	39	36	34	30	31	32	44	55	47	39	37	36	38
1954	38	31	30	30	30	30	37	42	33	32	32	36	33
1955	35	29	28	29	29	29	34	51	34	35	35	33	34
1956	35	27	28	29	27	33	51	62	33	40	43	38	37
1957	35	29	28	29	30	31	39	87	67	40	35	36	41
1958	38	31	29	29	30	30	46	100	38	32	33	37	39
1959	37	29	29	29	29	30	33	33	33	35	38	35	33
1960	35	28	27	28	29	30	34	42	32	32	32	32	32
1961	35	29	27	28	27	28	30	39	32	32	32	35	31
1962	35	28	28	28	29	29	72	81	45	40	32	37	40
1963	37	29	28	29	33	31	34	62	43	39	34	32	36
1964	36	29	28	28	28	28	36	91	51	33	33	36	38
1965	36	30	31	30	30	31	59	112	73	43	39	39	46
1966	38	31	29	28	29	31	39	55	36	35	40	39	36
1967	38	29	28	28	28	31	31	68	62	40	38	38	38
1968	38	29	29	28	29	31	39	92	60	38	46	47	42
1969	40	30	30	30	30	33	94	121	52	40	40	39	48
1970	32	30	30	30	30	31	36	128	52	39	38	40	43
1971	32	31	29	30	30	32	62	154	48	39	39	40	47
1972	34	29	31	30	30	29	32	47	39	37	35	38	34
1973	35	30	29	29	29	31	50	165	59	40	41	41	48
Average	36	30	29	28	29	31	48	75	45	37	36	36	38

PROPOSED ACTION
Sixth Water Creek - Natural Flow Gains, Sixth Water Aqueduct to below Fifth Water Creek
Location #3
Water Year Monthly Summary
(Acre-Feet)

(3b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	213	266	293	107	213	533	1518	959	186	80	107	186	4,700
1931	240	213	240	133	160	293	719	266	53	0	0	0	2,300
1932	80	107	213	107	160	80	826	852	400	213	160	27	3,200
1933	107	160	213	107	0	107	320	1225	932	346	186	160	3,900
1934	133	80	80	107	53	0	0	0	0	0	80	0	530
1935	27	133	0	0	0	0	480	1385	613	160	80	133	3,000
1936	107	53	0	0	0	186	1812	2451	320	373	133	160	5,600
1937	160	133	80	0	160	400	1305	2771	559	346	160	107	6,200
1938	160	160	133	133	107	373	1119	1971	426	266	186	160	5,200
1939	160	133	160	133	53	453	746	506	0	0	0	53	2,400
1940	160	107	80	80	133	240	613	852	133	133	80	107	2,700
1941	80	107	107	107	133	186	533	1119	426	293	0	160	3,300
1942	186	213	133	80	133	160	1119	1225	480	266	80	160	4,200
1943	160	213	160	107	213	213	932	613	266	160	0	53	3,100
1944	133	133	107	0	133	186	559	1758	693	346	107	186	4,300
1945	213	186	80	80	133	186	533	1465	426	160	266	186	3,900
1946	186	186	107	107	160	240	1545	1039	293	213	107	160	4,300
1947	160	186	107	133	133	266	773	1066	320	293	133	80	3,600
1948	133	133	107	133	133	186	773	1332	320	0	0	27	3,300
1949	160	160	133	0	107	213	1066	1518	639	293	133	186	4,600
1950	240	213	133	107	160	240	1119	1572	639	346	186	186	5,100
1951	240	266	186	107	160	240	1092	1785	586	0	53	186	4,900
1952	186	240	186	160	160	213	3383	5834	2051	426	293	240	13,400
1953	266	426	346	186	213	266	719	879	559	266	186	160	4,500
1954	240	213	186	186	160	186	453	400	53	0	0	160	2,200
1955	133	160	133	160	133	160	346	746	80	133	107	27	2,300
1956	107	80	133	160	80	293	986	1172	53	320	426	240	4,000
1957	133	133	133	160	186	213	533	2158	1305	293	133	160	5,500
1958	213	213	160	160	186	186	773	2664	213	0	53	186	5,000
1959	186	160	160	160	133	186	293	53	53	107	240	107	1,800
1960	107	107	80	133	160	186	320	373	0	0	0	0	1,500
1961	133	133	80	133	80	107	186	266	0	0	0	107	1,200
1962	107	107	107	107	133	160	1785	1918	506	320	0	186	5,400
1963	186	133	107	160	293	213	346	1172	426	266	80	0	3,400
1964	160	160	133	133	107	133	426	2291	719	27	27	160	4,500
1965	160	186	213	186	160	240	1279	3117	1545	426	320	266	8,100
1966	240	213	160	133	133	240	533	906	133	107	293	266	3,400
1967	213	160	133	133	107	240	240	1412	1146	293	213	240	4,500
1968	213	160	160	133	160	240	533	2344	1039	213	533	559	6,300
1969	320	186	186	186	186	293	2584	3463	754	293	320	303	9,100
1970	0	186	186	186	160	213	426	3730	763	278	248	292	6,700
1971	0	213	160	186	160	266	1412	4769	682	261	273	286	8,700
1972	80	160	213	186	186	160	266	586	276	194	159	235	2,700
1973	133	186	160	160	133	213	932	5195	1010	329	345	350	9,100
Average	160	170	140	120	140	220	870	1,700	500	200	150	160	4,500

PROPOSED ACTION

3/17/99

Sixth Water Creek - Natural Flow Gains, Sixth Water Aqueduct to below Fifth Water Creek

Location #3

Water Year Monthly Summary
(cfs)

(3b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	3	4	5	2	4	9	26	16	3	1	2	3	6
1931	4	4	4	2	3	5	12	4	1	0	0	0	3
1932	1	2	3	2	3	1	14	14	7	3	3	0	4
1933	2	3	3	2	0	2	5	20	16	6	3	3	5
1934	2	1	1	2	1	0	0	0	0	0	1	0	1
1935	0	2	0	0	0	0	8	23	10	3	1	2	4
1936	2	1	0	0	0	3	30	40	5	6	2	3	8
1937	3	2	1	0	3	7	22	45	9	6	3	2	9
1938	3	3	2	2	2	6	19	32	7	4	3	3	7
1939	3	2	3	2	1	7	13	8	0	0	0	1	3
1940	3	2	1	1	2	4	10	14	2	2	1	2	4
1941	1	2	2	2	2	3	9	18	7	5	0	3	4
1942	3	4	2	1	2	3	19	20	8	4	1	3	6
1943	3	4	3	2	4	3	16	10	4	3	0	1	4
1944	2	2	2	0	2	3	9	29	12	6	2	3	6
1945	3	3	1	1	2	3	9	24	7	3	4	3	5
1946	3	3	2	2	3	4	26	17	5	3	2	3	6
1947	3	3	2	2	2	4	13	17	5	5	2	1	5
1948	2	2	2	2	2	3	13	22	5	0	0	0	5
1949	3	3	2	0	2	3	18	25	11	5	2	3	6
1950	4	4	2	2	3	4	19	26	11	6	3	3	7
1951	4	4	3	2	3	4	18	29	10	0	1	3	7
1952	3	4	3	3	3	3	57	95	35	7	5	4	18
1953	4	7	6	3	4	4	12	14	9	4	3	3	6
1954	4	4	3	3	3	3	8	7	1	0	0	3	3
1955	2	3	2	3	2	3	6	12	1	2	2	0	3
1956	2	1	2	3	1	5	17	19	1	5	7	4	6
1957	2	2	2	3	3	3	9	35	22	5	2	3	8
1958	3	4	3	3	3	3	13	43	4	0	1	3	7
1959	3	3	3	3	2	3	5	1	1	2	4	2	3
1960	2	2	1	2	3	3	5	6	0	0	0	0	2
1961	2	2	1	2	1	2	3	4	0	0	0	0	2
1962	2	2	2	2	2	3	30	31	9	5	0	3	8
1963	3	2	2	3	5	3	6	19	7	4	1	0	5
1964	3	3	2	2	2	2	7	37	12	0	0	3	6
1965	3	3	3	3	3	4	22	51	26	7	5	4	11
1966	4	4	3	2	2	4	9	15	2	2	5	4	5
1967	3	3	2	2	2	4	4	23	19	5	3	4	6
1968	3	3	3	2	3	4	9	38	17	3	9	9	9
1969	5	3	3	3	3	5	44	56	13	5	5	5	13
1970	0	3	3	3	3	3	7	61	13	5	4	5	9
1971	0	4	3	3	3	4	24	78	11	4	4	5	12
1972	1	3	3	3	3	3	4	10	5	3	3	4	4
1973	2	3	3	3	2	3	16	85	17	5	6	6	13
Average	3	3	2	2	2	4	15	27	8	3	2	3	6

PROPOSED ACTION
Diamond Fork Creek below Three Forks - Total Flow
Location #4
Water Year Monthly Summary
(Acre-Feet)

(4a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	2,800	2,500	2,600	1,900	2,200	3,500	7,200	5,600	2,600	2,300	2,400	2,600	38,200
1931	2,900	2,300	2,400	2,000	2,000	2,600	4,200	3,000	2,100	2,000	2,000	1,900	29,400
1932	2,300	1,900	2,300	1,900	2,000	1,800	4,600	5,200	3,400	2,800	2,600	2,000	32,800
1933	2,400	2,100	2,300	1,900	1,400	1,900	2,700	6,600	5,400	3,300	2,700	2,500	35,200
1934	2,500	1,800	1,800	1,900	1,600	1,500	1,500	2,000	1,900	2,000	2,300	1,900	22,700
1935	2,100	2,000	1,500	1,500	1,400	1,500	3,300	7,200	4,200	2,600	2,300	2,400	32,000
1936	2,400	1,700	1,500	1,500	1,400	2,200	8,300	11,200	3,100	3,400	2,500	2,500	41,700
1937	2,600	2,000	1,800	1,500	2,000	3,000	6,400	12,400	4,000	3,300	2,600	2,300	43,900
1938	2,600	2,100	2,000	2,000	1,800	2,900	5,700	9,400	3,500	3,000	2,700	2,500	40,200
1939	2,600	2,000	2,100	2,000	1,600	3,200	4,300	3,900	1,900	2,000	2,000	2,100	29,700
1940	2,600	1,900	1,800	1,800	1,900	2,400	3,800	5,200	2,400	2,500	2,300	2,300	30,900
1941	2,300	1,900	1,900	1,900	1,900	2,200	3,500	6,200	3,500	3,100	2,000	2,500	32,900
1942	2,700	2,300	2,000	1,800	1,900	2,100	5,700	6,600	3,700	3,000	2,300	2,500	36,600
1943	2,600	2,300	2,100	1,900	2,200	2,300	5,000	4,300	2,900	2,600	2,000	2,100	32,300
1944	2,500	2,000	1,900	1,500	1,900	2,200	3,600	8,600	4,500	3,300	2,400	2,600	37,000
1945	2,800	2,200	1,800	1,800	1,900	2,200	3,500	7,500	3,500	2,600	3,000	2,600	35,400
1946	2,700	2,200	1,900	1,900	2,000	2,400	7,300	5,900	3,000	2,800	2,400	2,500	37,000
1947	2,600	2,200	1,900	2,000	1,900	2,500	4,400	6,000	3,100	3,100	2,500	2,200	34,400
1948	2,500	2,000	1,900	2,000	1,900	2,200	4,400	7,000	3,100	2,000	2,000	2,000	33,000
1949	2,600	2,100	2,000	1,500	1,800	2,300	5,500	7,700	4,300	3,100	2,500	2,600	38,000
1950	2,900	2,300	2,000	1,900	2,000	2,400	5,700	7,900	4,300	3,300	2,700	2,600	40,000
1951	2,900	2,500	2,200	1,900	2,000	2,400	5,600	8,700	4,100	2,000	2,200	2,600	39,100
1952	2,700	2,400	2,200	2,100	2,000	2,300	14,200	23,900	9,600	3,600	3,100	2,800	70,900
1953	3,000	3,100	2,800	2,200	2,200	2,500	4,200	5,300	4,000	3,000	2,700	2,500	37,500
1954	2,900	2,300	2,200	2,200	2,000	2,200	3,200	3,500	2,100	2,000	2,000	2,500	29,100
1955	2,500	2,100	2,000	2,100	1,900	2,100	2,800	4,800	2,200	2,500	2,400	2,000	29,400
1956	2,400	1,800	2,000	2,100	1,700	2,600	5,200	6,400	2,100	3,200	3,600	2,800	35,900
1957	2,500	2,000	2,000	2,100	2,100	2,300	3,500	10,100	6,800	3,100	2,500	2,500	41,500
1958	2,800	2,300	2,100	2,100	2,100	2,200	4,400	12,000	2,700	2,000	2,200	2,600	39,500
1959	2,700	2,100	2,100	2,100	1,900	2,200	2,600	2,200	2,100	2,400	2,900	2,300	27,600
1960	2,400	1,900	1,800	2,000	2,000	2,200	2,700	3,400	1,900	2,000	2,000	1,900	26,200
1961	2,500	2,000	1,800	2,000	1,700	1,900	2,200	3,000	1,900	2,000	2,000	2,300	25,300
1962	2,400	1,900	1,900	1,900	1,900	2,100	8,200	9,200	3,800	3,200	2,000	2,600	41,100
1963	2,700	2,000	1,900	2,100	2,500	2,300	2,800	6,400	3,500	3,000	2,300	1,900	33,400
1964	2,600	2,100	2,000	2,000	1,800	2,000	3,100	10,600	4,600	2,100	2,100	2,500	37,500
1965	2,600	2,200	2,300	2,200	2,000	2,400	6,300	13,700	7,700	3,600	3,200	2,900	51,100
1966	2,900	2,300	2,100	2,000	1,900	2,400	3,500	5,400	2,400	2,400	3,100	2,900	33,300
1967	2,800	2,100	2,000	2,000	1,800	2,400	2,400	7,300	6,200	3,100	2,800	2,800	37,700
1968	2,800	2,100	2,100	2,000	2,000	2,400	3,500	10,800	5,800	2,800	4,000	4,000	44,300
1969	3,200	2,200	2,200	2,200	2,100	2,600	11,200	15,000	4,730	3,100	3,200	3,040	54,800
1970	2,000	2,200	2,200	2,200	2,000	2,300	3,100	16,000	4,770	3,040	2,930	3,000	45,700
1971	2,000	2,300	2,100	2,200	2,000	2,500	6,800	19,900	4,460	2,980	3,030	2,980	53,300
1972	2,300	2,100	2,300	2,200	2,100	2,100	2,500	4,200	2,930	2,730	2,600	2,780	30,800
1973	2,500	2,200	2,100	2,100	1,900	2,300	5,000	21,500	5,690	3,240	3,300	3,210	55,000
Average	2,600	2,100	2,000	2,000	1,900	2,300	4,800	8,200	3,800	2,800	2,600	2,500	37,600

PROPOSED ACTION

3/17/99

Diamond Fork Creek below Three Forks - Total Flow

Location #4

4a

Water Year Monthly Summary

(cfs)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	46	42	42	31	40	57	121	91	44	37	39	44	53
1931	47	39	39	33	36	42	71	49	35	33	33	32	41
1932	37	32	37	31	35	29	77	85	57	46	42	34	45
1933	39	35	37	31	25	31	45	108	91	54	44	42	49
1934	41	30	29	31	29	24	25	33	32	33	37	32	31
1935	34	34	24	24	25	24	56	117	71	42	37	40	44
1936	39	29	24	24	24	36	140	182	52	55	41	42	57
1937	42	34	29	24	36	49	108	202	67	54	42	39	61
1938	42	35	33	33	32	47	96	153	59	49	44	42	55
1939	42	34	34	33	29	52	72	64	32	33	33	35	41
1940	42	32	29	29	33	39	64	85	40	41	37	39	43
1941	37	32	31	31	34	36	59	101	59	51	33	42	45
1942	44	39	33	29	34	34	96	108	62	49	37	42	51
1943	42	39	34	31	40	37	84	70	49	42	33	35	45
1944	41	34	31	24	33	36	61	140	76	54	39	44	51
1945	46	37	29	29	34	36	59	122	59	42	49	44	49
1946	44	37	31	31	36	39	123	96	51	46	39	42	51
1947	42	37	31	33	34	41	74	98	52	51	41	37	48
1948	41	34	31	33	33	36	74	114	52	33	33	34	46
1949	42	35	33	24	32	37	93	125	72	51	41	44	53
1950	47	39	33	31	36	39	96	129	72	54	44	44	55
1951	47	42	36	31	36	39	94	142	69	33	36	44	54
1952	44	40	36	34	35	37	239	389	162	59	51	47	98
1953	49	52	46	36	40	41	71	86	67	49	44	42	52
1954	47	39	36	36	36	36	54	57	35	33	33	42	40
1955	41	35	33	34	34	34	47	78	37	41	39	34	41
1956	39	30	33	34	30	42	88	104	35	52	59	47	49
1957	41	34	33	34	38	37	59	165	114	51	41	42	57
1958	46	39	34	34	38	36	74	196	45	33	36	44	54
1959	44	35	34	34	34	36	44	36	35	39	47	39	38
1960	39	32	29	33	35	36	45	55	32	33	33	32	36
1961	41	34	29	33	31	31	37	49	32	33	33	39	35
1962	39	32	31	31	34	34	138	150	64	52	33	44	57
1963	44	34	31	34	45	37	47	104	59	49	37	32	46
1964	42	35	33	33	31	33	52	173	77	34	34	42	52
1965	42	37	37	36	36	39	106	223	130	59	52	49	71
1966	47	39	34	33	34	39	59	88	40	39	51	49	46
1967	46	35	33	33	32	39	40	119	104	51	46	47	52
1968	46	35	34	33	35	39	59	176	98	46	65	67	61
1969	52	37	36	36	38	42	189	244	80	50	52	51	76
1970	33	37	36	36	36	37	52	261	80	50	48	51	63
1971	33	39	34	36	36	41	114	324	75	49	49	50	73
1972	37	35	37	36	37	34	42	68	49	44	42	47	43
1973	41	37	34	34	34	37	84	350	96	53	54	54	76
Average	42	36	33	32	34	38	80	134	64	45	42	42	52

PROPOSED ACTION
Diamond Fork Creek - Natural Flow Gains above Three Forks
Location #4
Water Year Monthly Summary
(Acre-Feet)

(4b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	464	581	639	232	464	1161	3309	2090	406	174	232	406	10,200
1931	523	464	523	290	348	639	1568	581	116	0	0	0	5,100
1932	174	232	464	232	348	174	1800	1858	871	464	348	58	7,000
1933	232	348	464	232	0	232	697	2671	2032	755	406	348	8,400
1934	290	174	174	232	116	0	0	0	0	0	174	0	1,200
1935	58	290	0	0	0	0	1045	3019	1335	348	174	290	6,600
1936	232	116	0	0	0	406	3948	5342	697	813	290	348	12,200
1937	348	290	174	0	348	871	2845	6038	1219	755	348	232	13,500
1938	348	348	290	290	232	813	2439	4296	929	581	406	348	11,300
1939	348	290	348	290	116	987	1626	1103	0	0	0	116	5,200
1940	348	232	174	174	290	523	1335	1858	290	290	174	232	5,900
1941	174	232	232	232	290	406	1161	2439	929	639	0	348	7,100
1942	406	464	290	174	290	348	2439	2671	1045	581	174	348	9,200
1943	348	464	348	232	464	464	2032	1335	581	348	0	116	6,700
1944	290	290	232	0	290	406	1219	3832	1510	755	232	406	9,500
1945	464	406	174	174	290	406	1161	3193	929	348	581	406	8,500
1946	406	406	232	232	348	523	3367	2264	639	464	232	348	9,500
1947	348	406	232	290	290	581	1684	2322	697	639	290	174	8,000
1948	290	290	232	290	290	406	1684	2903	697	0	0	58	7,100
1949	348	348	290	0	232	464	2322	3309	1393	639	290	406	10,000
1950	523	464	290	232	348	523	2439	3426	1393	755	406	406	11,200
1951	523	581	406	232	348	523	2380	3890	1277	0	116	406	10,700
1952	406	523	406	348	348	464	7374	12715	4471	929	639	523	29,100
1953	581	929	755	406	464	581	1568	1916	1219	581	406	348	9,800
1954	523	464	406	406	348	406	987	871	116	0	0	348	4,900
1955	290	348	290	348	290	348	755	1626	174	290	232	58	5,100
1956	232	174	290	348	174	639	2148	2555	116	697	929	523	8,800
1957	290	290	290	348	406	464	1161	4703	2845	639	290	348	12,100
1958	464	464	348	348	406	406	1684	5806	464	0	116	406	10,900
1959	406	348	348	348	290	406	639	116	116	232	523	232	4,000
1960	232	232	174	290	348	406	697	813	0	0	0	0	3,200
1961	290	290	174	290	174	232	406	581	0	0	0	232	2,700
1962	232	232	232	232	290	348	3890	4180	1103	697	0	406	11,800
1963	406	290	232	348	639	464	755	2555	929	581	174	0	7,400
1964	348	348	290	290	232	290	929	4993	1568	58	58	348	9,800
1965	348	406	464	406	348	523	2787	6793	3367	929	697	581	17,700
1966	523	464	348	290	290	523	1161	1974	290	232	639	581	7,300
1967	464	348	290	290	232	523	523	3077	2497	639	464	523	9,900
1968	464	348	348	290	348	523	1161	5109	2264	464	1161	1219	13,700
1969	697	406	406	406	406	639	5632	7548	1644	638	697	663	19,800
1970	0	406	406	406	348	464	929	8128	1668	603	539	640	14,500
1971	0	464	348	406	348	581	3077	10393	1486	570	600	629	18,900
1972	174	348	464	406	406	348	581	1277	596	424	350	511	5,900
1973	290	406	348	348	290	464	2032	11322	2199	721	757	759	19,900
Average	340	370	320	270	300	480	1,900	3,600	1,100	440	320	360	9,800

PROPOSED ACTION

3/17/99

Diamond Fork Creek - Natural Flow Gains above Three Forks

Location #4

4b

Water Year Monthly Summary
(cfs)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	8	10	10	4	8	19	56	34	7	3	4	7	14
1931	9	8	9	5	6	10	26	9	2	0	0	0	7
1932	3	4	8	4	6	3	30	30	15	8	6	1	10
1933	4	6	8	4	0	4	12	44	34	12	7	6	12
1934	5	3	3	4	2	0	0	0	0	0	3	0	2
1935	1	5	0	0	0	0	18	49	22	6	3	5	9
1936	4	2	0	0	0	7	66	87	12	13	5	6	17
1937	6	5	3	0	6	14	48	98	21	12	6	4	19
1938	6	6	5	5	4	13	41	70	16	9	7	6	16
1939	6	5	6	5	2	16	27	18	0	0	0	2	7
1940	6	4	3	3	5	9	22	30	5	5	3	4	8
1941	3	4	4	4	5	7	20	40	16	10	0	6	10
1942	7	8	5	3	5	6	41	44	18	9	3	6	13
1943	6	8	6	4	8	8	34	22	10	6	0	2	9
1944	5	5	4	0	5	7	21	62	25	12	4	7	13
1945	8	7	3	3	5	7	20	52	16	6	9	7	12
1946	7	7	4	4	6	9	57	37	11	8	4	6	13
1947	6	7	4	5	5	9	28	38	12	10	5	3	11
1948	5	5	4	5	5	7	28	47	12	0	0	1	10
1949	6	6	5	0	4	8	39	54	23	10	5	7	14
1950	9	8	5	4	6	9	41	56	23	12	7	7	15
1951	9	10	7	4	6	9	40	63	22	0	2	7	15
1952	7	9	7	6	6	8	124	207	75	15	10	9	40
1953	9	16	12	7	8	9	26	31	21	9	7	6	13
1954	9	8	7	7	6	7	17	14	2	0	0	6	7
1955	5	6	5	6	5	6	13	26	3	5	4	1	7
1956	4	3	5	6	3	10	36	42	2	11	15	9	12
1957	5	5	5	6	7	8	20	77	48	10	5	6	17
1958	8	8	6	6	7	7	28	95	8	0	2	7	15
1959	7	6	6	6	5	7	11	2	2	4	9	4	6
1960	4	4	3	5	6	7	12	13	0	0	0	0	4
1961	5	5	3	5	3	4	7	9	0	0	0	4	4
1962	4	4	4	4	5	6	65	68	19	11	0	7	16
1963	7	5	4	6	12	8	13	42	16	9	3	0	10
1964	6	6	5	5	4	5	16	81	26	1	1	6	13
1965	6	7	8	7	6	9	47	111	57	15	11	10	24
1966	9	8	6	5	5	9	20	32	5	4	10	10	10
1967	8	6	5	5	4	9	9	50	42	10	8	9	14
1968	8	6	6	5	6	9	20	83	38	8	19	21	19
1969	11	7	7	7	7	10	95	123	28	10	11	11	27
1970	0	7	7	7	6	8	16	132	28	10	9	11	20
1971	0	8	6	7	6	9	52	169	25	9	10	11	26
1972	3	6	8	7	7	6	10	21	10	7	6	9	8
1973	5	7	6	6	5	8	34	184	37	12	12	13	27
Average	6	6	5	4	5	8	32	59	18	7	5	6	14

PROPOSED ACTION**Diamond Fork Creek below Diamond Fork Creek Outlet - Total Flow****Location #5**

5a

Water Year Monthly Summary**(Acre-Feet)**

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	3,715	3,576	3,683	3,683	3,338	3,683	7,200	5,600	4,752	4,943	4,993	4,752	53,900
1931	3,715	3,576	3,683	3,683	3,338	3,683	4,200	4,943	4,752	4,943	4,943	4,752	50,200
1932	3,715	3,576	3,683	3,683	3,395	3,683	4,600	5,200	9,271	4,943	4,943	4,752	55,400
1933	3,715	3,576	3,683	3,683	3,338	3,683	3,576	6,600	5,400	4,943	4,943	4,752	51,900
1934	3,715	3,576	3,683	3,683	3,338	3,683	3,576	4,943	4,752	4,943	4,943	4,752	49,600
1935	3,715	3,576	3,683	3,683	3,338	3,683	3,576	7,200	4,752	4,943	4,943	4,752	51,800
1936	3,715	3,576	3,683	3,683	3,375	3,683	8,300	11,200	4,752	4,943	4,943	4,752	60,600
1937	3,715	3,576	3,683	3,683	3,338	3,683	6,400	12,773	4,752	4,943	4,943	4,752	60,200
1938	3,715	3,576	3,683	3,683	3,338	3,683	5,700	9,400	5,868	4,943	4,943	4,752	57,300
1939	3,715	3,576	3,683	3,683	3,338	3,683	4,300	4,943	4,752	4,943	4,943	4,752	50,300
1940	3,715	3,576	3,683	3,683	3,392	3,683	3,800	5,200	4,752	4,943	4,943	4,752	50,100
1941	3,715	3,576	3,683	3,683	3,338	3,683	3,576	6,200	4,752	4,943	4,943	4,752	50,800
1942	3,715	3,576	3,683	3,683	3,338	3,683	5,700	6,600	4,752	4,943	4,943	4,752	53,400
1943	3,715	3,576	3,683	3,683	3,338	3,683	5,000	4,943	4,752	4,943	4,943	4,752	51,000
1944	3,715	3,576	3,683	3,683	3,392	3,683	3,600	8,600	4,752	4,943	4,993	4,752	53,400
1945	3,715	3,576	3,683	3,683	3,338	3,683	3,576	7,500	4,752	4,943	4,943	4,752	52,100
1946	3,715	3,576	3,683	3,683	3,338	3,683	7,300	5,900	4,752	4,943	4,943	4,752	54,300
1947	3,715	3,576	3,683	3,683	3,338	3,683	4,400	6,000	4,752	4,943	4,953	4,752	51,500
1948	3,715	3,576	3,683	3,683	3,392	3,683	4,400	7,000	4,752	4,943	4,943	4,752	52,500
1949	3,715	3,576	3,683	3,683	3,338	3,683	5,500	7,700	4,752	4,943	4,943	4,752	54,300
1950	3,715	3,576	3,683	3,683	3,338	3,683	5,700	7,900	5,513	4,943	4,943	4,752	55,400
1951	3,715	3,576	3,683	3,683	3,338	3,683	5,600	8,700	4,752	4,943	4,943	4,752	55,400
1952	3,715	3,576	3,683	3,683	3,395	3,683	14,200	23,900	9,600	5,023	4,943	4,752	84,200
1953	3,715	3,576	3,683	3,683	3,338	3,683	4,200	5,300	4,752	4,943	4,943	4,752	50,600
1954	3,715	3,576	3,683	3,683	3,338	3,683	3,576	4,943	4,752	4,943	4,943	4,752	49,600
1955	3,715	3,576	3,683	3,683	3,338	3,683	3,576	4,943	4,752	4,943	4,943	4,752	49,600
1956	3,715	3,576	3,683	3,683	3,385	3,683	5,200	6,400	4,752	4,943	4,943	4,752	52,700
1957	3,715	3,576	3,683	3,683	3,338	3,683	3,576	10,100	6,800	6,326	4,943	4,752	58,200
1958	3,715	3,576	3,683	3,683	3,338	3,683	4,400	12,000	4,752	4,943	4,943	4,752	57,500
1959	3,715	3,576	3,683	3,683	3,338	3,683	3,576	4,943	4,752	4,943	4,943	4,752	49,600
1960	3,715	3,576	3,683	3,683	3,395	3,683	3,576	4,943	4,752	4,943	4,943	4,752	49,600
1961	3,715	3,576	3,683	3,683	3,338	3,683	3,576	4,943	4,752	4,943	4,943	4,752	49,600
1962	3,715	3,576	3,683	3,683	3,338	3,683	8,200	9,200	4,752	4,943	4,943	4,752	58,500
1963	3,715	3,576	3,683	3,683	3,338	3,683	3,576	6,400	4,752	4,943	4,943	4,752	51,000
1964	3,715	3,576	3,683	3,683	3,388	3,683	3,576	10,600	8,494	6,916	4,943	4,752	61,000
1965	3,715	3,576	3,683	3,683	3,338	3,683	6,300	13,700	7,700	4,943	5,003	4,752	64,100
1966	3,715	3,576	3,683	3,683	3,338	3,683	3,576	5,400	4,752	4,943	4,943	4,752	50,000
1967	3,715	3,576	3,683	3,683	3,338	3,683	3,576	7,300	6,534	6,341	4,943	4,752	55,100
1968	3,715	3,576	3,683	3,683	3,395	3,683	3,576	10,800	5,800	4,943	4,953	4,752	56,600
1969	3,715	3,576	3,683	3,683	3,338	3,683	11,200	15,000	4,752	4,943	4,943	4,818	67,300
1970	3,715	3,576	3,683	3,683	3,338	3,683	3,576	16,000	4,770	4,943	4,943	4,752	60,700
1971	3,715	3,576	3,683	3,683	3,338	3,683	6,800	19,900	4,848	4,943	4,943	4,752	67,900
1972	3,715	3,576	3,683	3,683	3,399	3,683	3,576	4,943	4,752	4,943	5,043	4,752	49,700
1973	3,715	3,576	3,683	3,683	3,338	3,683	5,000	21,500	5,690	4,983	4,943	4,752	68,500
Average	3,700	3,600	3,700	3,700	3,400	3,700	5,000	8,600	5,300	5,100	4,900	4,800	55,400

PROPOSED ACTION
Diamond Fork Creek below Diamond Fork Creek Outlet - Total Flow
Location #5
Water Year Monthly Summary
(cfs)

(5a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	61	60	60	60	60	60	121	91	80	81	81	80	75
1931	61	60	60	60	60	60	71	81	80	81	81	80	69
1932	61	60	60	60	59	60	77	85	156	81	81	80	77
1933	61	60	60	60	60	60	60	108	91	81	81	80	72
1934	61	60	60	60	60	60	60	81	80	81	81	80	69
1935	61	60	60	60	60	60	60	117	80	81	81	80	72
1936	61	60	60	60	59	60	140	182	80	81	81	80	84
1937	61	60	60	60	60	60	108	208	80	81	81	80	83
1938	61	60	60	60	60	60	96	153	99	81	81	80	79
1939	61	60	60	60	60	60	72	81	80	81	81	80	70
1940	61	60	60	60	59	60	64	85	80	81	81	80	69
1941	61	60	60	60	60	60	60	101	80	81	81	80	70
1942	61	60	60	60	60	60	96	108	80	81	81	80	74
1943	61	60	60	60	60	60	84	81	80	81	81	80	71
1944	61	60	60	60	59	60	61	140	80	81	81	80	74
1945	61	60	60	60	60	60	60	122	80	81	81	80	72
1946	61	60	60	60	60	60	123	96	80	81	81	80	75
1947	61	60	60	60	60	60	74	98	80	81	81	80	71
1948	61	60	60	60	59	60	74	114	80	81	81	80	72
1949	61	60	60	60	60	60	93	125	80	81	81	80	75
1950	61	60	60	60	60	60	96	129	93	81	81	80	77
1951	61	60	60	60	60	60	94	142	80	81	81	80	77
1952	61	60	60	60	59	60	239	389	162	82	81	80	116
1953	61	60	60	60	60	60	71	86	80	81	81	80	70
1954	61	60	60	60	60	60	60	81	80	81	81	80	69
1955	61	60	60	60	60	60	60	81	80	81	81	80	69
1956	61	60	60	60	59	60	88	104	80	81	81	80	73
1957	61	60	60	60	60	60	60	165	114	103	81	80	80
1958	61	60	60	60	60	60	74	196	80	81	81	80	79
1959	61	60	60	60	60	60	60	81	80	81	81	80	69
1960	61	60	60	60	59	60	60	81	80	81	81	80	68
1961	61	60	60	60	60	60	60	81	80	81	81	80	69
1962	61	60	60	60	60	60	138	150	80	81	81	80	81
1963	61	60	60	60	60	60	60	104	80	81	81	80	71
1964	61	60	60	60	59	60	60	173	143	113	81	80	84
1965	61	60	60	60	60	60	106	223	130	81	82	80	88
1966	61	60	60	60	60	60	60	88	80	81	81	80	69
1967	61	60	60	60	60	60	60	119	110	103	81	80	76
1968	61	60	60	60	59	60	60	176	98	81	81	80	78
1969	61	60	60	60	60	60	189	244	80	81	81	81	93
1970	61	60	60	60	60	60	60	261	80	81	81	80	84
1971	61	60	60	60	60	60	114	324	82	81	81	80	94
1972	61	60	60	60	59	60	60	81	80	81	82	80	69
1973	61	60	60	60	60	60	84	350	96	81	81	80	94
Average	61	60	60	60	60	60	85	140	89	82	81	80	76

PROPOSED ACTION**Diamond Fork Cr. below Diamond Fork Cr. Outlet-Releases from Diamond Fork Cr. Outlet****Location #5****Water Year Monthly Summary****(Acre-Feet)**

(5b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	915	1076	1083	1783	1138	183	0	0	2152	2643	2593	2152	15,700
1931	815	1276	1283	1683	1338	1083	0	1943	2652	2943	2943	2852	20,800
1932	1415	1676	1383	1783	1395	1883	0	0	5871	2143	2343	2752	22,600
1933	1315	1476	1383	1783	1938	1783	876	0	0	1643	2243	2252	16,700
1934	1215	1776	1883	1783	1738	2183	2076	2943	2852	2943	2643	2852	26,900
1935	1615	1576	2183	2183	1938	2183	276	0	552	2343	2643	2352	19,800
1936	1315	1876	2183	2183	1975	1483	0	0	1652	1543	2443	2252	18,900
1937	1115	1576	1883	2183	1338	683	0	373	752	1643	2343	2452	16,300
1938	1115	1476	1683	1683	1538	783	0	0	2368	1943	2243	2252	17,100
1939	1115	1576	1583	1683	1738	483	0	1043	2852	2943	2943	2652	20,600
1940	1115	1676	1883	1883	1492	1283	0	0	2352	2443	2643	2452	19,200
1941	1415	1676	1783	1783	1438	1483	76	0	1252	1843	2943	2252	17,900
1942	1015	1276	1683	1883	1438	1583	0	0	1052	1943	2643	2252	16,800
1943	1115	1276	1583	1783	1138	1383	0	643	1852	2343	2943	2652	18,700
1944	1215	1576	1783	2183	1492	1483	0	0	252	1643	2593	2152	16,400
1945	915	1376	1883	1883	1438	1483	76	0	1252	2343	1943	2152	16,700
1946	1015	1376	1783	1783	1338	1283	0	0	1752	2143	2543	2252	17,300
1947	1115	1376	1783	1683	1438	1183	0	0	1652	1843	2453	2552	17,100
1948	1215	1576	1783	1683	1492	1483	0	0	1652	2943	2943	2752	19,500
1949	1115	1476	1683	2183	1538	1383	0	0	452	1843	2443	2152	16,300
1950	815	1276	1683	1783	1338	1283	0	0	1213	1643	2243	2152	15,400
1951	815	1076	1483	1783	1338	1283	0	0	652	2943	2743	2152	16,300
1952	1015	1176	1483	1583	1395	1383	0	0	0	1423	1843	1952	13,300
1953	715	476	883	1483	1138	1183	0	0	752	1943	2243	2252	13,100
1954	815	1276	1483	1483	1338	1483	376	1443	2652	2943	2943	2252	20,500
1955	1215	1476	1683	1583	1438	1583	776	143	2552	2443	2543	2752	20,200
1956	1315	1776	1683	1583	1685	1083	0	0	2652	1743	1343	1952	16,800
1957	1215	1576	1683	1583	1238	1383	76	0	0	3226	2443	2252	16,700
1958	915	1276	1583	1583	1238	1483	0	0	2052	2943	2743	2152	18,000
1959	1015	1476	1583	1583	1438	1483	976	2743	2652	2543	2043	2452	22,000
1960	1315	1676	1883	1683	1395	1483	876	1543	2852	2943	2943	2852	23,400
1961	1215	1576	1883	1683	1638	1783	1376	1943	2852	2943	2943	2452	24,300
1962	1315	1676	1783	1783	1438	1583	0	0	952	1743	2943	2152	17,400
1963	1015	1576	1783	1583	838	1383	776	0	1252	1943	2643	2852	17,600
1964	1115	1476	1683	1683	1588	1683	476	0	3894	4816	2843	2252	23,500
1965	1115	1376	1383	1483	1338	1283	0	0	0	1343	1803	1852	13,000
1966	815	1276	1583	1683	1438	1283	76	0	2352	2543	1843	1852	16,700
1967	915	1476	1683	1683	1538	1283	1176	0	334	3241	2143	1952	17,400
1968	915	1476	1583	1683	1395	1283	76	0	0	2143	953	752	12,300
1969	515	1376	1483	1483	1238	1083	0	0	22	1843	1743	1778	12,600
1970	1715	1376	1483	1483	1338	1383	476	0	0	1903	2013	1752	14,900
1971	1715	1276	1583	1483	1338	1183	0	0	388	1963	1913	1772	14,600
1972	1415	1476	1383	1483	1299	1583	1076	743	1822	2213	2443	1972	18,900
1973	1215	1376	1583	1583	1438	1383	0	0	0	1743	1643	1542	13,500
Average	1,100	1,400	1,600	1,700	1,400	1,400	270	350	1,500	2,300	2,400	2,200	17,800

PROPOSED ACTION

3/17/99

Diamond Fork Cr. below Diamond Fork Cr. Outlet-Releases from Diamond Fork Cr. Outlet
Location #5
Water Year Monthly Summary
(cfs)

(5b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	15	18	18	29	21	3	0	0	36	43	42	36	22
1931	13	21	21	27	24	18	0	32	45	48	48	48	29
1932	23	28	23	29	24	31	0	0	99	35	38	46	31
1933	21	25	23	29	35	29	15	0	0	27	37	38	23
1934	20	30	31	29	31	36	35	48	48	48	43	48	37
1935	26	27	36	36	35	36	5	0	9	38	43	40	27
1936	21	32	36	36	34	24	0	0	28	25	40	38	26
1937	18	27	31	36	24	11	0	6	13	27	38	41	23
1938	18	25	27	27	28	13	0	0	40	32	37	38	24
1939	18	27	26	27	31	8	0	17	48	48	48	45	29
1940	18	28	31	31	26	21	0	0	40	40	43	41	27
1941	23	28	29	29	26	24	1	0	21	30	48	38	25
1942	17	21	27	31	26	26	0	0	18	32	43	38	23
1943	18	21	26	29	21	23	0	10	31	38	48	45	26
1944	20	27	29	36	26	24	0	0	4	27	42	36	23
1945	15	23	31	31	26	24	1	0	21	38	32	36	23
1946	17	23	29	29	24	21	0	0	29	35	41	38	24
1947	18	23	29	27	26	19	0	0	28	30	40	43	24
1948	20	27	29	27	26	24	0	0	28	48	48	46	27
1949	18	25	27	36	28	23	0	0	8	30	40	36	22
1950	13	21	27	29	24	21	0	0	20	27	37	36	21
1951	13	18	24	29	24	21	0	0	11	48	45	36	22
1952	17	20	24	26	24	23	0	0	0	23	30	33	18
1953	12	8	14	24	21	19	0	0	13	32	37	38	18
1954	13	21	24	24	24	24	6	24	45	48	48	38	28
1955	20	25	27	26	26	26	13	2	43	40	41	46	28
1956	21	30	27	26	29	18	0	0	45	28	22	33	23
1957	20	27	27	26	22	23	1	0	0	53	40	38	23
1958	15	21	26	26	22	24	0	0	35	48	45	36	25
1959	17	25	26	26	26	24	16	45	45	41	33	41	30
1960	21	28	31	27	24	24	15	25	48	48	48	48	32
1961	20	27	31	27	30	29	23	32	48	48	48	41	34
1962	21	28	29	29	26	26	0	0	16	28	48	36	24
1963	17	27	29	26	15	23	13	0	21	32	43	48	24
1964	18	25	27	27	28	27	8	0	66	78	46	38	32
1965	18	23	23	24	24	21	0	0	0	22	29	31	18
1966	13	21	26	27	26	21	1	0	40	41	30	31	23
1967	15	25	27	27	28	21	20	0	6	53	35	33	24
1968	15	25	26	27	24	21	1	0	0	35	16	13	17
1969	8	23	24	24	22	18	0	0	0	30	28	30	17
1970	28	23	24	24	24	23	8	0	0	31	33	29	21
1971	28	21	26	24	24	19	0	0	7	32	31	30	20
1972	23	25	23	24	23	26	18	12	31	36	40	33	26
1973	20	23	26	26	26	23	0	0	0	28	27	26	19
Average	18	24	27	28	26	22	5	6	26	37	39	38	25

PROPOSED ACTION
Diamond Fork Cr. below Diamond Fork Cr. Outlet - SVP Water in Stream
Location #5
Water Year Monthly Summary
(Acre-Feet)

(5c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1400	0	0	0	0	0	1200	1700	3752	4310	4210	3652	20,200
1931	100	0	0	0	0	0	0	1910	2652	2910	2910	2852	13,300
1932	1100	0	0	0	0	0	0	0	5871	2110	2310	2752	14,100
1933	1475	0	0	0	0	0	0	0	0	1610	2210	2252	7,500
1934	1183	0	0	0	0	0	2064	2910	4552	4710	2610	2200	20,200
1935	90	0	0	0	0	0	0	0	552	2974	2610	2352	8,600
1936	1000	0	0	0	0	0	0	0	1652	1510	2410	2631	9,200
1937	1083	0	0	0	0	0	0	373	752	1610	2310	2452	8,600
1938	2198	0	0	0	0	0	0	0	2368	1910	2210	2252	10,900
1939	2518	0	0	0	0	0	0	1010	2852	2910	2928	2652	14,900
1940	920	0	0	0	0	0	0	0	2352	2410	2610	2452	10,700
1941	1383	0	0	0	0	0	0	0	1252	1810	2910	2252	9,600
1942	1523	0	0	0	0	0	0	0	1052	1910	2610	2252	9,300
1943	2402	0	0	0	0	0	0	610	1852	2310	2910	2652	12,700
1944	2864	0	0	0	0	0	0	0	252	1610	2821	2152	9,700
1945	2472	0	0	0	0	0	0	0	1252	2310	3610	3752	13,400
1946	2442	0	0	0	0	0	0	0	1752	2110	2510	2252	11,100
1947	1995	0	0	0	0	0	0	0	2352	3510	4110	4152	16,100
1948	2635	0	0	0	0	0	0	0	1652	2910	2910	2752	12,900
1949	1560	0	0	0	0	0	0	0	452	1810	2410	2152	8,400
1950	2299	0	0	0	0	0	0	0	1213	1610	2210	2152	9,500
1951	290	0	0	0	0	0	0	0	652	2910	2710	2152	8,700
1952	2051	0	0	0	0	0	0	0	1398	2910	3410	3452	13,200
1953	2024	0	0	0	0	0	0	1590	2252	3610	3910	3852	17,200
1954	1898	0	0	0	0	0	364	1410	2652	2910	2910	2252	14,400
1955	1706	0	0	0	0	0	0	110	2552	2410	2510	2752	12,000
1956	1322	0	0	0	0	0	0	0	2652	1710	1310	1952	8,900
1957	680	0	0	0	0	0	0	0	0	3226	2410	2252	8,600
1958	2498	0	0	0	0	0	0	0	2052	2910	2710	2152	12,300
1959	1402	0	0	0	0	0	540	2710	2652	2510	2010	2452	14,300
1960	1283	0	0	0	0	0	590	1510	2852	2910	2910	2852	14,900
1961	670	0	0	0	0	0	0	1910	3362	2910	2910	2452	14,200
1962	100	0	0	0	0	0	0	0	952	1710	2910	2152	7,800
1963	983	0	0	0	0	0	0	0	1252	1910	2610	2852	9,600
1964	1083	0	0	0	0	0	0	0	3894	4816	2810	2252	14,900
1965	980	0	0	0	0	0	0	0	0	1310	2773	3452	8,500
1966	1200	0	0	0	0	0	64	0	2352	2510	1810	1852	9,800
1967	1597	0	0	0	0	0	0	0	334	3241	2110	1952	9,200
1968	110	0	0	0	0	0	0	0	0	2110	2610	2352	7,200
1969	2105	0	0	0	0	0	0	0	1522	3411	3410	3312	13,800
1970	1600	0	0	0	0	0	0	0	168	3463	3680	3352	12,300
1971	1400	0	0	0	0	0	0	895	1792	3530	3580	3147	14,300
1972	260	0	0	0	0	0	0	2410	3322	3880	4010	3572	17,500
1973	120	0	0	0	0	0	0	0	0	3270	3310	3142	9,800
Average	1,400	0	0	0	0	0	110	480	1,800	2,700	2,800	2,700	11,900

PROPOSED ACTION
Diamond Fork Cr. below Diamond Fork Cr. Outlet - SVP Water in Stream
Location #5
Water Year Monthly Summary
(cfs)

(5c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	23	0	0	0	0	0	20	28	63	70	69	61	28
1931	2	0	0	0	0	0	0	31	45	47	47	48	18
1932	18	0	0	0	0	0	0	0	99	34	38	46	20
1933	24	0	0	0	0	0	0	0	0	26	36	38	10
1934	19	0	0	0	0	0	35	47	77	77	43	37	28
1935	1	0	0	0	0	0	0	0	9	48	43	40	12
1936	16	0	0	0	0	0	0	0	28	25	39	44	13
1937	18	0	0	0	0	0	0	6	13	26	38	41	12
1938	36	0	0	0	0	0	0	0	40	31	36	38	15
1939	41	0	0	0	0	0	0	16	48	47	48	45	20
1940	15	0	0	0	0	0	0	0	40	39	43	41	15
1941	23	0	0	0	0	0	0	0	21	29	47	38	13
1942	25	0	0	0	0	0	0	0	18	31	43	38	13
1943	39	0	0	0	0	0	0	10	31	38	47	45	17
1944	47	0	0	0	0	0	0	0	4	26	46	36	13
1945	40	0	0	0	0	0	0	0	21	38	59	63	18
1946	40	0	0	0	0	0	0	0	29	34	41	38	15
1947	32	0	0	0	0	0	0	0	40	57	67	70	22
1948	43	0	0	0	0	0	0	0	28	47	47	46	18
1949	25	0	0	0	0	0	0	0	8	29	39	36	12
1950	37	0	0	0	0	0	0	0	20	26	36	36	13
1951	5	0	0	0	0	0	0	0	11	47	44	36	12
1952	33	0	0	0	0	0	0	0	24	47	56	58	18
1953	33	0	0	0	0	0	0	26	38	59	64	65	24
1954	31	0	0	0	0	0	6	23	45	47	47	38	20
1955	28	0	0	0	0	0	0	2	43	39	41	46	17
1956	22	0	0	0	0	0	0	0	45	28	21	33	12
1957	11	0	0	0	0	0	0	0	0	53	39	38	12
1958	41	0	0	0	0	0	0	0	35	47	44	36	17
1959	23	0	0	0	0	0	9	44	45	41	33	41	20
1960	21	0	0	0	0	0	10	25	48	47	47	48	21
1961	11	0	0	0	0	0	0	31	57	47	47	41	20
1962	2	0	0	0	0	0	0	0	16	28	47	36	11
1963	16	0	0	0	0	0	0	0	21	31	43	48	13
1964	18	0	0	0	0	0	0	0	66	78	46	38	20
1965	16	0	0	0	0	0	0	0	0	21	45	58	12
1966	20	0	0	0	0	0	1	0	40	41	29	31	13
1967	26	0	0	0	0	0	0	0	6	53	34	33	13
1968	2	0	0	0	0	0	0	0	0	34	43	40	10
1969	34	0	0	0	0	0	0	0	26	56	56	56	19
1970	26	0	0	0	0	0	0	0	3	56	60	56	17
1971	23	0	0	0	0	0	0	15	30	58	58	53	20
1972	4	0	0	0	0	0	0	39	56	63	65	60	24
1973	2	0	0	0	0	0	0	0	0	53	54	53	14
Average	23	0	0	0	0	0	2	8	30	43	46	45	16

PROPOSED ACTION

Diamond Fork Creek below Diamond Fork Creek Outlet - Bonneville Unit Water in Stream
Location #5
Water Year Monthly Summary
(Acre-Feet)

(5d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1283	2364	2383	3083	2326	1483	0	0	0	0	0	0	12,900
1931	2483	2564	2583	2983	2526	2383	1100	1600	1500	1700	1700	1600	24,700
1932	2283	2964	2683	3083	2595	3183	1200	1700	1100	1600	1800	1800	26,000
1933	1508	2764	2683	3083	3126	3083	2164	1800	1600	1700	1700	1600	26,800
1934	1800	3064	3283	3083	3026	3483	1300	1800	0	0	1800	2252	24,900
1935	3493	2864	3483	3483	3126	3483	1564	1800	1600	1036	1800	1600	29,300
1936	1983	3164	3383	3483	3175	2783	1300	1800	1600	1700	1700	1221	27,300
1937	1700	2764	3083	3383	2426	1883	1200	1600	1500	1700	1700	1600	24,500
1938	585	2664	2883	2883	2626	1983	1200	1600	1500	1600	1700	1600	22,800
1939	265	2764	2783	2883	2826	1683	1100	1600	1600	1700	1782	1700	22,700
1940	1963	2964	3183	3083	2692	2483	1200	1700	1600	1700	1700	1600	25,900
1941	1700	2864	3083	3083	2626	2683	1364	1700	1600	1700	1700	1700	25,800
1942	1260	2564	2983	3083	2626	2783	1300	1700	1600	1700	1700	1700	25,000
1943	481	2564	2883	2983	2326	2583	1300	1700	1700	1700	1700	1700	23,600
1944	119	2864	3083	3383	2692	2683	1200	1700	1600	1700	1389	1700	24,100
1945	211	2664	3183	3083	2626	2683	1264	1700	1600	1700	0	0	20,700
1946	241	2664	2983	2983	2526	2483	1200	1700	1600	1700	1700	1600	23,400
1947	788	2564	2983	2883	2526	2383	1200	1700	800	0	0	0	17,800
1948	248	2764	2983	2883	2592	2683	1200	1600	1600	1700	1700	1600	23,600
1949	1323	2664	2883	3383	2626	2583	1200	1600	1600	1600	1700	1600	24,800
1950	184	2464	2883	2983	2426	2483	1200	1600	1600	1600	1700	1600	22,700
1951	2193	2264	2683	2983	2426	2483	1100	1600	1600	1700	1700	1600	24,300
1952	632	2364	2683	2783	2495	2583	1200	1600	102	0	0	0	16,400
1953	259	1664	1983	2583	2226	2283	1100	10	0	0	0	0	12,100
1954	485	2464	2683	2683	2426	2683	1100	1600	1600	1700	1700	1600	22,700
1955	1177	2664	2883	2783	2526	2783	1864	1600	1500	1700	1700	1600	24,800
1956	1661	2964	2883	2783	2785	2283	1100	1600	1600	1700	1700	1600	24,700
1957	2203	2764	2883	2783	2326	2583	1164	1600	1500	1700	1700	1600	24,800
1958	85	2464	2783	2783	2326	2583	1200	1600	1600	1700	1700	1600	22,400
1959	1281	2664	2783	2783	2526	2683	1524	1600	1600	1700	1700	1600	24,400
1960	1700	2864	3083	2883	2495	2683	1374	1600	1600	1700	1700	1600	25,300
1961	2213	2764	3083	2883	2726	2983	2564	1600	1090	1700	1700	1600	26,900
1962	2883	2864	2983	2983	2526	2783	1200	1600	1500	1700	1700	1600	26,300
1963	1700	2764	2983	2783	1926	2583	1964	1600	1600	1700	1700	1600	24,900
1964	1700	2664	2883	2883	2688	2883	1664	1600	1600	1700	1700	1600	25,600
1965	1803	2564	2583	2683	2426	2483	1200	1600	1500	1700	637	0	21,200
1966	1283	2464	2783	2883	2526	2383	1200	1700	1600	1700	1700	1600	23,800
1967	986	2664	2883	2883	2626	2483	2364	1700	1500	1600	1700	1600	25,000
1968	2473	2664	2783	2883	2495	2483	1264	1700	1500	1600	0	0	21,800
1969	78	2564	2683	2683	2326	2283	1200	1700	0	0	0	0	15,500
1970	1783	2564	2683	2683	2426	2583	1664	1700	1332	7	0	0	19,400
1971	1983	2464	2783	2683	2426	2383	1200	805	0	0	0	225	17,000
1972	2823	2664	2583	2683	2399	2783	2264	0	0	0	0	0	18,200
1973	2763	2564	2783	2783	2526	2583	1200	1700	1500	0	0	0	20,400
Average	1,400	2,700	2,900	2,900	2,600	2,600	1,400	1,500	1,300	1,300	1,300	1,200	22,900

PROPOSED ACTION
Diamond Fork Creek below Diamond Fork Creek Outlet - Bonneville Unit Water in Stream
Location #5
Water Year Monthly Summary
(cfs)

(5d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	21	40	39	50	42	24	0	0	0	0	0	0	18
1931	40	43	42	49	46	39	19	26	25	28	28	27	34
1932	37	50	44	50	45	52	20	28	19	26	29	30	36
1933	25	47	44	50	56	50	36	29	27	28	28	27	37
1934	29	52	53	50	55	57	22	29	0	0	29	38	35
1935	57	48	57	57	56	57	26	29	27	17	29	27	41
1936	32	53	55	57	55	45	22	29	27	28	28	21	38
1937	28	47	50	55	44	31	20	26	25	28	28	27	34
1938	10	45	47	47	47	32	20	26	25	26	28	27	32
1939	4	47	45	47	51	27	19	26	27	28	29	29	32
1940	32	50	52	50	47	40	20	28	27	28	28	27	36
1941	28	48	50	50	47	44	23	28	27	28	28	29	36
1942	21	43	49	50	47	45	22	28	27	28	28	29	35
1943	8	43	47	49	42	42	22	28	29	28	28	29	33
1944	2	48	50	55	47	44	20	28	27	28	23	29	33
1945	3	45	52	50	47	44	21	28	27	28	0	0	29
1946	4	45	49	49	46	40	20	28	27	28	28	27	32
1947	13	43	49	47	46	39	20	28	13	0	0	0	25
1948	4	47	49	47	45	44	20	26	27	28	28	27	33
1949	22	45	47	55	47	42	20	26	27	26	28	27	34
1950	3	41	47	49	44	40	20	26	27	26	28	27	32
1951	36	38	44	49	44	40	19	26	27	28	28	27	34
1952	10	40	44	45	43	42	20	26	2	0	0	0	23
1953	4	28	32	42	40	37	19	0	0	0	0	0	17
1954	8	41	44	44	44	44	19	26	27	28	28	27	32
1955	19	45	47	45	46	45	31	26	25	28	28	27	34
1956	27	50	47	45	49	37	19	26	27	28	28	27	34
1957	36	47	47	45	42	42	20	26	25	28	28	27	34
1958	1	41	45	45	42	42	20	26	27	28	28	27	31
1959	21	45	45	45	46	44	26	26	27	28	28	27	34
1960	28	48	50	47	43	44	23	26	27	28	28	27	35
1961	36	47	50	47	49	49	43	26	18	28	28	27	37
1962	47	48	49	49	46	45	20	26	25	28	28	27	36
1963	28	47	49	45	35	42	33	26	27	28	28	27	34
1964	28	45	47	47	47	47	28	26	27	28	28	27	35
1965	29	43	42	44	44	40	20	26	25	28	10	0	29
1966	21	41	45	47	46	39	20	28	27	28	28	27	33
1967	16	45	47	47	47	40	40	28	25	26	28	27	35
1968	40	45	45	47	43	40	21	28	25	26	0	0	30
1969	1	43	44	44	42	37	20	28	0	0	0	0	22
1970	29	43	44	44	44	42	28	28	22	0	0	0	27
1971	32	41	45	44	44	39	20	13	0	0	0	4	24
1972	46	45	42	44	42	45	38	0	0	0	0	0	25
1973	45	43	45	45	46	42	20	28	25	0	0	0	28
Average	23	45	47	48	46	42	23	25	22	21	20	20	32

PROPOSED ACTION
Diamond Fork Creek below Diamond Fork Creek Outlet - Natural Flow Water in Stream
Location #5
Water Year Monthly Summary
(Acre-Feet)

(5e)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	800	1000	1100	400	800	2000	5700	3600	700	300	400	700	17,500
1931	900	800	900	500	600	1100	2700	1000	200	0	0	0	8,700
1932	300	400	800	400	600	300	3100	3200	1500	800	600	100	12,100
1933	400	600	800	400	0	400	1200	4600	3500	1300	700	600	14,500
1934	500	300	300	400	200	0	0	0	0	0	300	0	2,000
1935	100	500	0	0	0	0	1800	5200	2300	600	300	500	11,300
1936	400	200	0	0	0	700	6800	9200	1200	1400	500	600	21,000
1937	600	500	300	0	600	1500	4900	10400	2100	1300	600	400	23,200
1938	600	600	500	500	400	1400	4200	7400	1600	1000	700	600	19,500
1939	600	500	600	500	200	1700	2800	1900	0	0	0	200	9,000
1940	600	400	300	300	500	900	2300	3200	500	500	300	400	10,200
1941	300	400	400	400	500	700	2000	4200	1600	1100	0	600	12,200
1942	700	800	500	300	500	600	4200	4600	1800	1000	300	600	15,900
1943	600	800	600	400	800	800	3500	2300	1000	600	0	200	11,600
1944	500	500	400	0	500	700	2100	6600	2600	1300	400	700	16,300
1945	800	700	300	300	500	700	2000	5500	1600	600	1000	700	14,700
1946	700	700	400	400	600	900	5800	3900	1100	800	400	600	16,300
1947	600	700	400	500	500	1000	2900	4000	1200	1100	500	300	13,700
1948	500	500	400	500	500	700	2900	5000	1200	0	0	100	12,300
1949	600	600	500	0	400	800	4000	5700	2400	1100	500	700	17,300
1950	900	800	500	400	600	900	4200	5900	2400	1300	700	700	19,300
1951	900	1000	700	400	600	900	4100	6700	2200	0	200	700	18,400
1952	700	900	700	600	600	800	12700	21900	7700	1600	1100	900	50,200
1953	1000	1600	1300	700	800	1000	2700	3300	2100	1000	700	600	16,800
1954	900	800	700	700	600	700	1700	1500	200	0	0	600	8,400
1955	500	600	500	600	500	600	1300	2800	300	500	400	100	8,700
1956	400	300	500	600	300	1100	3700	4400	200	1200	1600	900	15,200
1957	500	500	500	600	700	800	2000	8100	4900	1100	500	600	20,800
1958	800	800	600	600	700	700	2900	10000	800	0	200	700	18,800
1959	700	600	600	600	500	700	1100	200	200	400	900	400	6,900
1960	400	400	300	500	600	700	1200	1400	0	0	0	0	5,500
1961	500	500	300	500	300	400	700	1000	0	0	0	400	4,600
1962	400	400	400	400	500	600	6700	7200	1900	1200	0	700	20,400
1963	700	500	400	600	1100	800	1300	4400	1600	1000	300	0	12,700
1964	600	600	500	500	400	500	1600	8600	2700	100	100	600	16,800
1965	600	700	800	700	600	900	4800	11700	5800	1600	1200	1000	30,400
1966	900	800	600	500	500	900	2000	3400	500	400	1100	1000	12,600
1967	800	600	500	500	400	900	900	5300	4300	1100	800	900	17,000
1968	800	600	600	500	600	900	2000	8800	3900	800	2000	2100	23,600
1969	1200	700	700	700	700	1100	9700	13000	2830	1100	1200	1140	34,100
1970	0	700	700	700	600	800	1600	14000	2870	1040	930	1100	25,000
1971	0	800	600	700	600	1000	5300	17900	2560	980	1030	1080	32,600
1972	300	600	800	700	700	600	1000	2200	1030	730	600	880	10,100
1973	500	700	600	600	500	800	3500	19500	3790	1240	1300	1310	34,300
Average	590	640	540	460	520	820	3,300	6,200	1,900	750	550	610	16,900

PROPOSED ACTION

3/17/99

Diamond Fork Creek below Diamond Fork Creek Outlet - Natural Flow Water in Stream

Location #5

Water Year Monthly Summary
(cfs)

5e

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	13	17	18	7	14	33	96	59	12	5	7	12	24
1931	15	13	15	8	11	18	45	16	3	0	0	0	12
1932	5	7	13	7	10	5	52	52	25	13	10	2	17
1933	7	10	13	7	0	7	20	75	59	21	11	10	20
1934	8	5	5	7	4	0	0	0	0	0	5	0	3
1935	2	8	0	0	0	0	30	85	39	10	5	8	16
1936	7	3	0	0	0	11	114	150	20	23	8	10	29
1937	10	8	5	0	11	24	82	169	35	21	10	7	32
1938	10	10	8	8	7	23	71	121	27	16	11	10	27
1939	10	8	10	8	4	28	47	31	0	0	0	3	12
1940	10	7	5	5	9	15	39	52	8	8	5	7	14
1941	5	7	7	7	9	11	34	68	27	18	0	10	17
1942	11	13	8	5	9	10	71	75	30	16	5	10	22
1943	10	13	10	7	14	13	59	37	17	10	0	3	16
1944	8	8	7	0	9	11	35	108	44	21	7	12	22
1945	13	12	5	5	9	11	34	90	27	10	16	12	20
1946	11	12	7	7	11	15	98	64	19	13	7	10	23
1947	10	12	7	8	9	16	49	65	20	18	8	5	19
1948	8	8	7	8	9	11	49	81	20	0	0	2	17
1949	10	10	8	0	7	13	67	93	40	18	8	12	24
1950	15	13	8	7	11	15	71	96	40	21	11	12	27
1951	15	17	11	7	11	15	69	109	37	0	3	12	25
1952	11	15	11	10	10	13	214	357	130	26	18	15	69
1953	16	27	21	11	14	16	45	54	35	16	11	10	23
1954	15	13	11	11	11	11	29	24	3	0	0	10	12
1955	8	10	8	10	9	10	22	46	5	8	7	2	12
1956	7	5	8	10	5	18	62	72	3	20	26	15	21
1957	8	8	8	10	13	13	34	132	82	18	8	10	29
1958	13	13	10	10	13	11	49	163	13	0	3	12	26
1959	11	10	10	10	9	11	19	3	3	7	15	7	10
1960	7	7	5	8	10	11	20	23	0	0	0	0	8
1961	8	8	5	8	5	7	12	16	0	0	0	7	6
1962	7	7	7	7	9	10	113	117	32	20	0	12	28
1963	11	8	7	10	20	13	22	72	27	16	5	0	18
1964	10	10	8	8	7	8	27	140	45	2	2	10	23
1965	10	12	13	11	11	15	81	191	98	26	20	17	42
1966	15	13	10	8	9	15	34	55	8	7	18	17	17
1967	13	10	8	8	7	15	15	86	72	18	13	15	23
1968	13	10	10	8	10	15	34	143	66	13	33	35	32
1969	20	12	11	11	13	18	163	212	48	18	20	19	47
1970	0	12	11	11	11	13	27	228	48	17	15	19	34
1971	0	13	10	11	11	16	89	292	43	16	17	18	45
1972	5	10	13	11	12	10	17	36	17	12	10	15	14
1973	8	12	10	10	9	13	59	318	64	20	21	22	47
Average	10	11	9	7	9	13	55	102	32	12	9	10	23

PROPOSED ACTION
Spanish Fork River at Castilla Gage - Total Flow
Location #6
Water Year Monthly Summary
(Acre-Feet)

(6a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	8,183	8,343	9,113	7,763	8,903	15,576	27,300	23,600	30,100	19,800	17,100	12,500	188,300
1931	8,485	9,642	13,938	14,519	14,973	18,304	17,920	25,623	28,673	23,032	19,386	10,713	205,200
1932	7,818	10,162	11,741	12,242	15,475	18,801	27,205	49,093	50,604	42,899	33,266	13,173	292,500
1933	6,508	12,801	13,802	13,731	12,164	16,098	16,838	26,063	39,206	30,386	19,219	21,066	227,900
1934	10,129	8,446	10,776	10,055	9,807	13,238	11,985	15,147	8,778	7,328	8,985	6,454	121,100
1935	5,463	6,754	9,460	11,126	11,161	10,918	10,791	40,113	48,717	19,880	15,551	17,525	207,500
1936	10,957	11,203	9,940	12,039	12,224	15,000	46,717	69,817	45,615	32,643	23,040	10,943	300,100
1937	13,640	12,435	13,176	15,478	16,644	24,290	38,450	76,946	44,753	32,151	25,362	15,450	328,800
1938	7,366	13,798	13,331	13,750	13,737	22,650	34,434	57,835	47,690	30,924	22,949	13,379	291,800
1939	7,175	13,008	13,252	13,600	12,661	23,358	25,342	34,720	26,822	27,464	17,083	12,749	227,200
1940	6,906	15,957	11,968	13,081	14,085	16,706	22,503	41,216	33,451	18,735	15,193	10,898	220,700
1941	9,683	10,466	12,092	13,602	14,373	16,886	16,866	41,732	35,410	29,808	20,464	15,712	237,100
1942	7,914	7,926	9,407	10,117	9,966	15,306	32,493	39,566	40,379	34,486	24,708	17,388	249,700
1943	7,753	14,114	14,212	14,694	15,667	18,083	24,449	36,795	35,548	37,111	28,076	20,937	267,400
1944	7,095	16,802	16,235	15,358	14,382	16,459	20,937	47,685	25,563	30,666	20,695	14,442	246,300
1945	7,344	8,788	9,359	10,082	12,469	13,874	15,411	38,843	29,951	32,203	12,569	13,319	204,200
1946	8,193	9,442	10,937	11,785	12,189	15,967	33,506	41,557	38,613	31,480	20,820	16,672	251,200
1947	7,897	9,311	10,090	9,861	11,092	17,412	22,262	35,100	15,561	25,613	19,057	14,269	197,500
1948	7,826	8,150	9,253	9,381	10,719	13,305	20,401	42,269	29,055	27,951	20,700	18,207	217,200
1949	6,862	8,047	9,709	11,132	10,762	15,556	26,895	43,871	37,835	31,183	27,282	17,322	246,500
1950	8,227	8,801	9,559	11,634	12,671	15,898	29,119	43,351	49,460	38,693	31,725	24,285	283,400
1951	7,263	9,241	11,674	11,803	12,913	14,683	26,566	42,143	37,861	35,357	22,054	17,067	248,600
1952	7,076	8,283	9,874	11,725	11,677	15,075	64,219	117,340	40,778	30,818	22,440	19,587	358,900
1953	15,223	11,771	14,199	10,808	8,761	10,611	11,493	19,668	30,848	26,416	19,672	13,443	192,900
1954	7,319	8,811	9,808	11,169	12,145	13,644	17,062	28,393	30,047	25,908	25,168	13,669	203,100
1955	6,535	7,727	8,978	9,514	9,683	14,532	16,073	30,011	33,797	36,169	24,104	13,424	210,500
1956	6,408	12,755	14,936	15,563	14,394	16,759	21,177	38,190	41,222	35,762	30,418	17,731	265,300
1957	7,289	11,756	13,184	13,869	16,549	18,406	20,661	43,503	46,707	47,734	35,560	25,026	300,200
1958	8,349	6,919	7,750	8,942	10,709	15,374	24,665	59,781	39,864	34,772	30,310	16,919	264,400
1959	7,813	9,609	10,758	11,576	11,786	13,305	11,949	21,691	31,929	24,172	19,082	11,935	185,600
1960	6,302	11,283	11,525	11,903	11,759	15,075	16,069	28,471	32,840	26,912	38,661	13,274	224,100
1961	9,993	12,066	7,578	8,988	9,659	11,722	10,388	18,114	20,630	16,352	14,274	8,704	148,500
1962	8,249	10,304	11,198	10,116	13,105	13,766	35,240	44,923	42,323	35,489	31,538	10,938	267,200
1963	13,728	7,960	8,989	9,974	11,656	12,671	14,546	29,263	25,931	30,967	20,720	9,439	195,800
1964	11,094	7,967	10,135	10,789	9,934	11,410	16,117	38,444	35,170	44,831	30,951	20,176	247,000
1965	6,321	11,815	13,526	14,224	13,977	15,513	25,550	49,761	44,096	37,398	19,024	11,527	262,700
1966	7,201	8,795	10,599	11,354	12,032	17,884	18,957	31,803	35,446	26,056	23,686	12,536	216,300
1967	6,420	9,319	10,617	11,788	11,469	16,498	16,710	33,797	39,019	47,731	33,903	24,088	261,400
1968	7,318	7,839	9,374	10,284	11,954	14,603	18,940	39,381	40,253	39,399	19,107	17,583	236,000
1969	8,286	9,334	10,358	14,136	13,654	18,741	58,343	58,567	28,657	27,549	27,670	16,599	291,900
1970	9,203	8,324	10,713	12,671	13,245	14,617	14,611	37,806	25,755	27,388	26,662	13,331	214,300
1971	8,947	9,348	10,385	12,126	13,018	17,098	31,427	31,821	25,901	27,876	25,983	7,332	221,300
1972	8,809	9,554	11,227	12,533	13,277	20,604	24,436	28,144	22,884	22,654	18,884	7,932	200,900
1973	7,488	8,415	9,721	10,424	10,814	14,280	26,915	59,519	29,786	26,132	22,287	12,380	238,200
Average	8,300	10,100	11,100	11,800	12,400	15,900	24,200	40,900	34,600	30,400	23,300	14,800	237,900

PROPOSED ACTION
Spanish Fork River at Castilla Gage - Total Flow
Location #6
Water Year Monthly Summary
(cfs)

(6a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	133	140	148	126	161	254	460	384	507	323	279	210	260
1931	138	162	227	237	270	298	302	417	483	375	316	180	284
1932	127	171	191	199	270	306	458	800	852	699	542	222	403
1933	106	216	225	224	219	262	283	425	660	495	313	355	315
1934	165	142	176	164	177	216	202	247	148	119	146	109	167
1935	89	114	154	181	201	178	182	654	820	324	253	295	287
1936	179	189	162	196	213	244	786	1,137	768	532	375	184	414
1937	222	209	215	252	300	396	647	1,254	753	524	413	260	454
1938	120	232	217	224	248	369	580	942	803	504	374	225	403
1939	117	219	216	222	228	381	427	566	452	447	278	215	314
1940	113	269	195	213	245	272	379	671	563	305	248	183	305
1941	158	176	197	222	259	275	284	680	596	486	333	265	328
1942	129	133	153	165	180	249	547	645	680	562	403	293	345
1943	126	238	232	239	283	295	412	599	598	605	457	352	370
1944	116	283	264	250	250	268	352	777	430	500	337	243	339
1945	120	148	152	164	225	226	259	633	504	525	205	224	282
1946	133	159	178	192	220	260	564	677	650	513	339	281	347
1947	129	157	164	161	200	284	375	572	262	417	310	240	273
1948	128	137	151	153	187	217	343	689	489	455	337	307	299
1949	112	135	158	181	194	253	453	715	637	508	444	292	340
1950	134	148	156	190	229	259	490	706	833	630	517	409	392
1951	118	156	190	192	233	239	447	687	637	576	359	287	344
1952	115	139	161	191	203	246	1,081	1,912	686	502	366	330	494
1953	248	198	231	176	158	173	193	320	519	430	320	226	266
1954	119	148	160	182	219	222	287	463	506	422	410	230	281
1955	106	130	146	155	175	237	271	489	569	589	393	226	290
1956	104	215	243	254	251	273	357	622	694	583	496	299	366
1957	119	198	215	226	299	300	348	709	786	778	579	421	415
1958	136	116	126	146	193	250	415	974	671	567	494	285	364
1959	127	162	175	189	213	217	201	353	538	394	311	201	257
1960	103	190	188	194	205	246	271	464	553	438	630	223	309
1961	163	203	123	146	174	191	175	295	347	266	233	147	205
1962	134	173	182	165	236	224	593	732	713	578	514	184	369
1963	224	134	146	162	210	206	245	477	437	505	338	159	270
1964	181	134	165	176	173	186	271	626	592	730	504	340	340
1965	103	199	220	232	252	253	430	811	742	609	310	194	363
1966	117	148	173	185	217	291	319	518	597	425	386	211	299
1967	105	157	173	192	207	269	281	551	657	778	552	406	361
1968	119	132	153	168	208	238	319	642	678	642	311	296	325
1969	135	157	169	230	246	305	982	954	482	449	451	279	403
1970	150	140	175	206	239	238	246	616	434	446	434	224	296
1971	146	157	169	198	235	279	529	518	436	454	423	123	306
1972	144	161	183	204	231	336	411	459	385	369	308	134	277
1973	122	142	158	170	195	233	453	970	501	426	363	208	328
Average	135	170	181	193	221	259	407	667	583	496	380	249	328

PROPOSED ACTION
Diamond Fork Creek - Total Flow above Spanish Fork River Outlet
Location #6
Water Year Monthly Summary
(Acre-Feet)

(6b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	4,315	4,176	4,483	4,583	4,838	5,283	9,300	6,700	5,852	5,443	5,493	5,352	65,800
1931	4,315	4,176	4,283	4,483	4,438	5,083	5,400	6,243	5,652	5,443	5,293	5,352	60,200
1932	4,715	4,376	4,183	4,183	4,495	4,983	5,900	6,300	10,471	5,443	5,543	5,352	65,900
1933	3,915	4,576	5,083	4,291	4,145	4,997	5,343	7,968	8,854	7,875	6,732	6,227	70,000
1934	4,766	4,413	4,399	3,936	3,838	4,788	4,692	6,339	5,730	5,601	6,126	5,586	60,200
1935	4,278	4,256	5,038	4,773	4,604	4,493	4,781	8,494	6,801	5,787	5,575	5,656	64,500
1936	4,148	4,119	4,043	4,106	3,830	4,738	11,962	13,908	6,138	8,280	5,307	5,874	76,500
1937	4,093	4,175	4,286	4,703	4,405	5,588	9,344	14,612	6,043	6,139	4,973	5,062	73,400
1938	4,596	4,502	4,368	4,309	4,241	5,028	6,167	11,308	6,964	6,489	5,694	4,975	68,600
1939	4,225	4,316	4,263	4,347	4,060	4,834	5,743	5,270	5,771	5,180	5,544	5,589	59,100
1940	4,236	4,071	4,308	4,242	4,191	4,650	5,334	7,103	5,032	5,436	5,842	5,769	60,200
1941	4,637	4,328	4,395	4,259	3,980	4,424	4,106	7,665	5,329	5,697	6,783	5,964	61,600
1942	4,669	4,205	4,326	4,374	3,919	5,020	8,405	8,795	5,064	5,856	6,031	5,757	66,400
1943	4,687	4,277	4,516	4,414	3,936	5,001	6,185	5,593	6,286	5,427	5,940	5,421	61,700
1944	4,291	4,156	4,361	4,544	4,039	4,639	5,167	12,102	6,389	5,607	5,399	5,387	66,100
1945	4,548	4,522	4,568	4,356	3,761	4,446	4,195	10,643	6,931	5,752	5,812	5,371	64,900
1946	4,567	4,215	4,350	4,537	4,058	5,094	10,589	8,990	6,410	6,421	6,033	5,000	70,300
1947	5,024	4,382	4,560	4,173	4,025	5,567	6,035	7,614	6,413	5,956	5,510	5,721	65,000
1948	4,493	4,074	4,106	4,043	4,227	4,934	5,930	9,588	6,775	5,910	5,890	5,748	65,700
1949	4,654	4,242	4,391	4,846	4,030	4,773	8,314	11,766	5,774	5,306	5,674	5,790	69,600
1950	4,758	4,082	4,479	4,503	4,207	4,896	9,158	10,683	7,236	6,677	5,703	5,612	72,000
1951	4,880	4,342	4,692	4,311	4,052	4,685	8,743	13,001	6,861	6,451	5,221	5,411	72,600
1952	4,659	4,075	4,500	4,673	4,040	4,958	27,919	43,126	11,876	7,841	6,383	6,339	130,400
1953	5,379	4,916	5,798	5,882	4,700	5,385	5,267	6,458	5,800	5,459	5,415	4,795	65,300
1954	4,349	3,985	4,208	4,285	3,845	4,264	4,535	5,019	4,848	5,212	4,710	5,301	54,600
1955	4,273	3,889	4,062	3,759	3,386	4,665	4,580	6,469	5,194	5,421	5,877	4,999	56,600
1956	4,262	4,043	4,381	4,496	4,054	4,323	5,340	6,631	4,772	5,998	6,395	4,894	59,600
1957	4,661	3,992	4,243	4,020	3,950	5,266	4,947	11,849	7,838	7,795	5,896	4,991	69,400
1958	4,679	4,130	4,343	4,289	4,037	4,902	7,368	15,253	5,511	6,243	6,045	5,154	72,000
1959	4,647	4,141	4,041	4,220	3,909	4,324	4,293	5,343	5,320	5,968	5,628	5,513	57,300
1960	4,252	3,652	3,873	3,938	3,676	4,385	4,295	5,557	4,349	4,233	4,077	5,548	51,800
1961	4,189	3,806	3,772	3,772	3,939	4,541	4,048	4,999	5,112	4,769	5,713	5,325	54,000
1962	4,123	3,815	3,998	4,540	5,277	4,793	8,820	9,717	4,772	5,037	6,156	5,520	66,600
1963	4,594	4,098	3,845	3,952	3,827	4,022	4,350	7,672	6,100	6,371	6,082	6,170	61,100
1964	4,347	4,148	4,292	4,014	3,396	3,844	4,767	12,627	11,017	7,889	5,631	5,873	71,800
1965	4,555	3,906	4,252	4,582	4,289	5,020	9,186	17,374	9,239	6,849	6,190	5,779	81,200
1966	4,133	3,933	4,303	4,374	4,290	5,396	4,573	6,753	5,555	5,669	5,253	5,877	60,100
1967	4,349	3,755	3,958	4,277	3,884	5,600	5,224	9,643	7,513	7,492	6,138	5,506	67,300
1968	4,213	3,958	3,996	4,031	3,915	4,444	4,727	11,486	6,433	8,649	5,560	6,035	67,400
1969	4,723	4,291	4,371	4,880	4,072	5,361	19,126	15,932	8,479	7,892	5,712	5,777	90,600
1970	5,125	4,098	3,943	4,326	3,532	4,164	4,010	17,900	15,523	5,884	3,975	5,683	78,200
1971	5,136	4,125	4,035	4,390	4,526	5,675	9,899	21,816	13,948	5,239	1,996	4,079	84,900
1972	4,965	4,468	4,217	4,203	4,013	6,695	6,505	7,887	10,086	6,966	5,227	5,004	70,200
1973	4,396	4,067	4,156	3,844	3,735	4,597	6,972	23,354	16,578	2,575	1,230	4,822	80,300
Average	4,500	4,200	4,300	4,300	4,100	4,900	7,100	10,800	7,200	6,100	5,500	5,500	68,400

PROPOSED ACTION
Diamond Fork Creek - Total Flow above Spanish Fork River Outlet
Location #6
Water Year Monthly Summary
(cfs)

(6b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	70	70	73	75	87	86	157	109	99	89	89	90	91
1931	70	70	70	73	80	83	91	102	95	89	86	90	83
1932	77	74	68	68	78	81	99	103	176	89	90	90	91
1933	64	77	83	70	75	81	90	130	149	128	110	105	97
1934	78	74	72	64	69	78	79	103	96	91	100	94	83
1935	70	72	82	78	83	73	80	138	114	94	91	95	89
1936	68	69	66	67	67	77	201	227	103	135	86	99	105
1937	67	70	70	77	79	91	157	238	102	100	81	85	101
1938	75	76	71	70	76	82	104	184	117	106	93	84	95
1939	69	73	69	71	73	79	97	86	97	84	90	94	82
1940	69	69	70	69	73	76	90	116	85	89	95	97	83
1941	76	73	72	69	72	72	69	125	90	93	111	100	85
1942	76	71	70	71	71	82	141	143	85	95	98	97	92
1943	76	72	74	72	71	81	104	91	106	88	97	91	85
1944	70	70	71	74	70	76	87	197	108	91	88	91	91
1945	74	76	74	71	68	72	71	173	117	94	95	90	90
1946	74	71	71	74	73	83	178	146	108	105	98	84	97
1947	82	74	74	68	73	91	102	124	108	97	90	96	90
1948	73	69	67	66	74	80	100	156	114	96	96	97	91
1949	76	71	72	79	73	78	140	192	97	86	92	97	96
1950	78	69	73	73	76	80	154	174	122	109	93	94	100
1951	80	73	76	70	73	76	147	212	116	105	85	91	100
1952	76	69	73	76	70	81	470	703	200	128	104	107	180
1953	88	83	94	96	85	88	89	105	98	89	88	81	90
1954	71	67	69	70	69	69	76	82	82	85	77	89	75
1955	70	65	66	61	61	76	77	105	87	88	96	84	78
1956	69	68	71	73	71	70	90	108	80	98	104	82	82
1957	76	67	69	65	71	86	83	193	132	127	96	84	96
1958	76	70	71	70	73	80	124	249	93	102	98	87	99
1959	76	70	66	69	71	70	72	87	90	97	92	93	79
1960	69	61	63	64	64	71	72	91	73	69	66	93	72
1961	68	64	61	61	71	74	68	81	86	78	93	90	75
1962	67	64	65	74	95	78	148	158	80	82	100	93	92
1963	75	69	63	64	69	66	73	125	103	104	99	104	84
1964	71	70	70	65	59	63	80	206	185	129	92	99	99
1965	74	66	69	75	77	82	155	283	156	112	101	97	112
1966	67	66	70	71	77	88	77	110	94	92	86	99	83
1967	71	63	64	70	70	91	88	157	126	122	100	93	93
1968	69	67	65	66	68	72	80	187	108	141	91	102	93
1969	77	72	71	80	73	87	322	260	143	129	93	97	125
1970	83	69	64	70	64	68	68	292	261	96	65	96	108
1971	84	69	66	72	82	92	167	355	235	85	33	69	117
1972	81	75	69	68	70	109	110	128	170	113	85	84	97
1973	72	68	68	63	67	75	117	380	279	42	20	81	111
Average	74	70	70	71	73	79	119	175	122	99	89	92	95

PROPOSED ACTION
Spanish Fork River - Diamond Fork Creek Natural Flow Gains below Red Hollow
Location #6
Water Year Monthly Summary
(Acre-Feet)

(6c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	600	600	800	900	1,500	1,600	2,100	1,100	1,100	500	500	600	11,900
1931	600	600	600	800	1,100	1,400	1,200	1,300	900	500	350	600	10,000
1932	1,000	800	500	500	1,100	1,300	1,300	1,100	1,200	500	600	600	10,500
1933	200	1,000	1,400	608	807	1,314	1,767	1,368	3,454	2,932	1,789	1,475	18,100
1934	1,051	837	716	253	500	1,105	1,116	1,396	978	658	1,183	834	10,600
1935	563	680	1,355	1,090	1,266	810	1,205	1,294	2,049	844	632	904	12,700
1936	433	543	360	423	455	1,055	3,662	2,708	1,386	3,337	364	1,122	15,800
1937	378	599	603	1,020	1,067	1,905	2,944	1,839	1,291	1,196	30	310	13,200
1938	881	926	685	626	903	1,345	467	1,908	1,096	1,546	751	223	11,400
1939	510	740	580	664	722	1,151	1,443	327	1,019	237	601	837	8,800
1940	521	495	625	559	799	967	1,534	1,903	280	493	899	1,017	10,100
1941	922	752	712	576	642	741	530	1,465	577	754	1,840	1,212	10,700
1942	954	629	643	691	581	1,337	2,705	2,195	312	913	1,088	1,005	13,100
1943	972	701	833	731	598	1,318	1,185	650	1,534	484	997	669	10,700
1944	576	580	678	861	647	956	1,567	3,502	1,637	664	406	635	12,700
1945	833	946	885	673	423	763	619	3,143	2,179	809	869	619	12,800
1946	852	639	667	854	720	1,411	3,289	3,090	1,658	1,478	1,090	248	16,000
1947	1,309	806	877	490	687	1,884	1,635	1,614	1,661	1,013	557	969	13,500
1948	778	498	423	360	835	1,251	1,530	2,588	2,023	967	947	996	13,200
1949	939	666	708	1,163	692	1,090	2,814	4,066	1,022	363	731	1,038	15,300
1950	1,043	506	796	820	869	1,213	3,458	2,783	1,723	1,734	760	860	16,600
1951	1,165	766	1,009	628	714	1,002	3,143	4,301	2,109	1,508	278	659	17,300
1952	944	499	817	990	645	1,275	13,719	19,226	2,276	2,818	1,440	1,587	46,200
1953	1,664	1,340	2,115	2,199	1,362	1,702	1,067	1,158	1,048	516	472	43	14,700
1954	634	409	525	602	507	581	959	76	96	269	-233	549	5,000
1955	558	313	379	76	48	982	1,004	1,526	442	478	934	247	7,000
1956	547	467	698	813	669	640	140	231	20	1,055	1,452	142	6,900
1957	946	416	560	337	612	1,583	1,371	1,749	1,038	1,469	953	239	11,300
1958	964	554	660	606	699	1,219	2,968	3,253	759	1,300	1,102	402	14,500
1959	932	565	358	537	571	641	717	400	568	1,025	685	761	7,800
1960	537	76	190	255	281	702	719	614	-403	-710	-866	796	2,200
1961	474	230	89	89	601	858	472	56	360	-174	770	573	4,400
1962	408	239	315	857	1,939	1,110	620	517	20	94	1,213	768	8,100
1963	879	522	162	269	489	339	774	1,272	1,348	1,428	1,139	1,418	10,000
1964	632	572	609	331	8	161	1,191	2,027	2,523	973	688	1,121	10,800
1965	840	330	569	899	951	1,337	2,886	3,674	1,539	1,906	1,187	1,027	17,100
1966	418	357	620	691	952	1,713	997	1,353	803	726	310	1,125	10,100
1967	634	179	275	594	546	1,917	1,648	2,343	979	1,151	1,195	754	12,200
1968	498	382	313	348	520	761	1,151	686	633	3,706	607	1,283	10,900
1969	1,008	715	688	1,197	734	1,678	7,926	932	3,727	2,949	770	959	23,300
1970	1,410	522	260	643	194	481	434	1,900	10,753	941	-968	931	17,500
1971	1,421	549	352	707	1,188	1,992	3,099	1,916	9,101	296	-2,947	-673	17,000
1972	1,250	892	534	520	614	3,012	2,929	2,944	5,334	2,024	184	252	20,500
1973	681	491	473	161	397	914	1,972	1,854	10,888	-2,408	-3,713	70	11,800
Average	800	590	640	660	730	1,200	2,000	2,200	1,900	1,000	540	720	13,100

PROPOSED ACTION
Spanish Fork River - Diamond Fork Creek Natural Flow Gains below Red Hollow
Location #6
Water Year Monthly Summary
(cfs)

(6c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	10	10	13	15	27	26	35	18	19	8	8	10	17
1931	10	10	10	13	20	23	20	21	15	8	6	10	14
1932	16	13	8	8	19	21	22	18	20	8	10	10	15
1933	3	17	23	10	15	21	30	22	58	48	29	25	25
1934	17	14	12	4	9	18	19	23	16	11	19	14	15
1935	9	11	22	18	23	13	20	21	34	14	10	15	18
1936	7	9	6	7	8	17	62	44	23	54	6	19	22
1937	6	10	10	17	19	31	50	30	22	19	0	5	18
1938	14	16	11	10	16	22	8	31	18	25	12	4	16
1939	8	12	9	11	13	19	24	5	17	4	10	14	12
1940	8	8	10	9	14	16	26	31	5	8	15	17	14
1941	15	13	12	9	12	12	9	24	10	12	30	20	15
1942	16	11	10	11	10	22	46	36	5	15	18	17	18
1943	16	12	14	12	11	21	20	11	26	8	16	11	15
1944	9	10	11	14	11	16	26	57	28	11	7	11	18
1945	14	16	14	11	8	12	10	51	37	13	14	10	18
1946	14	11	11	14	13	23	55	50	28	24	18	4	22
1947	21	14	14	8	12	31	28	26	28	17	9	16	19
1948	13	8	7	6	15	20	26	42	34	16	15	17	18
1949	15	11	12	19	12	18	47	66	17	6	12	17	21
1950	17	9	13	13	16	20	58	45	29	28	12	14	23
1951	19	13	16	10	13	16	53	70	36	25	5	11	24
1952	15	8	13	16	11	21	231	313	38	46	23	27	64
1953	27	23	34	36	25	28	18	19	18	8	8	1	20
1954	10	7	9	10	9	9	16	1	2	4	-4	9	7
1955	9	5	6	1	1	16	17	25	7	8	15	4	10
1956	9	8	11	13	12	10	2	4	0	17	24	2	9
1957	15	7	9	5	11	26	23	28	17	24	16	4	16
1958	16	9	11	10	13	20	50	53	13	21	18	7	20
1959	15	10	6	9	10	10	12	7	10	17	11	13	11
1960	9	1	3	4	5	11	12	10	-7	-12	-14	13	3
1961	8	4	1	1	11	14	8	1	6	-3	13	10	6
1962	7	4	5	14	35	18	10	8	0	2	20	13	11
1963	14	9	3	4	9	6	13	21	23	23	19	24	14
1964	10	10	10	5	0	3	20	33	42	16	11	19	15
1965	14	6	9	15	17	22	49	60	26	31	19	17	24
1966	7	6	10	11	17	28	17	22	14	12	5	19	14
1967	10	3	4	10	10	31	28	38	16	19	19	13	17
1968	8	6	5	6	9	12	19	11	11	60	10	22	15
1969	16	12	11	20	13	27	133	15	63	48	13	16	32
1970	23	9	4	10	3	8	7	31	181	15	-16	16	24
1971	23	9	6	12	21	32	52	31	153	5	-48	-11	24
1972	20	15	9	8	11	49	49	48	90	33	3	4	28
1973	11	8	8	3	7	15	33	30	183	-39	-60	1	17
Average	13	10	10	11	13	19	34	35	33	17	9	12	18

PROPOSED ACTION
Spanish Fork River - Spanish Fork River Outlet Releases
Location #6
Water Year Monthly Summary
(Acre-Feet)

(6d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	268	267	230	280	265	293	3500	7500	19948	12257	9407	4148	58,400
1931	270	2066	5755	7136	7235	7221	5420	14480	20221	15989	13243	3761	102,800
1932	2003	3686	3958	5759	7680	11018	13305	34393	33333	34156	24923	6021	180,200
1933	93	5725	6419	7140	6119	8101	7895	6995	20152	19711	10587	13239	112,200
1934	3663	2133	4077	3719	3369	6050	5093	6808	1648	757	1759	48	39,100
1935	85	1298	3222	4853	4857	3925	1210	18919	33316	11893	8076	10069	101,700
1936	5109	5084	3797	5633	5894	6462	17955	34309	33077	21563	14933	2969	156,800
1937	6847	5960	6590	8475	9239	12002	17706	34434	30010	21412	17889	8088	178,700
1938	270	6796	6263	6741	6896	11222	16367	27727	33326	21235	14455	5804	157,100
1939	550	6192	5889	6453	6201	10024	12399	22550	19351	20784	10139	5460	126,000
1940	270	9486	5360	6239	6894	6856	8369	23813	25219	11599	7751	3029	114,900
1941	2446	3738	5197	6743	7193	8862	7860	16367	21981	20511	10481	7548	118,900
1942	145	921	2081	2843	3347	4286	6888	10871	26715	24630	15977	9231	107,900
1943	266	6637	6396	6980	7131	8082	11264	23502	21562	28684	19536	13616	153,700
1944	204	10046	9274	8514	7543	7720	8370	10983	8374	21259	13096	6955	112,300
1945	296	1366	2091	2826	4208	5128	5916	9700	14120	22751	2857	5248	76,500
1946	726	2127	3487	4248	4631	5873	9617	22167	28003	22359	12287	9572	125,100
1947	173	1929	2430	3088	3667	5245	7227	10086	3548	17857	10747	6348	72,300
1948	1033	1476	2547	2938	3492	4271	7871	20581	17180	19441	12710	10659	104,200
1949	208	1505	3018	3786	4032	5983	9881	16205	24261	22277	19208	9232	119,600
1950	769	2019	2780	4131	5064	6302	10061	17168	33324	27516	23622	16473	149,200
1951	83	1899	3782	4692	5461	6398	12323	17042	24700	26006	14333	9956	126,700
1952	117	1908	3274	4352	4537	5917	300	1214	7202	14177	8957	8448	60,400
1953	5144	2355	4201	226	261	226	426	4310	18048	17757	11157	6448	70,600
1954	270	1726	2700	3984	5000	5680	7027	17274	22199	18696	18458	6068	109,100
1955	262	1538	2616	3555	3997	5267	5593	11342	23303	27648	15627	6525	107,300
1956	246	6312	7455	8067	7940	8236	9837	20159	31850	28824	24023	11437	164,400
1957	728	5864	6741	7649	8699	9240	9514	11754	21969	34439	26164	17135	159,900
1958	470	89	407	1653	2972	4772	7297	17628	25253	24829	21365	8865	115,600
1959	266	2468	3417	4156	4777	5481	4856	11848	24009	16204	11854	4922	94,300
1960	250	5731	5752	5965	5983	6790	6574	13514	24791	21079	33284	6226	135,900
1961	4304	6460	2006	3316	4120	5181	4440	10815	15438	10613	7061	1879	75,600
1962	2826	4889	5700	4076	3228	4973	10520	17006	30451	27752	23382	3518	138,300
1963	7134	1562	2944	3922	5529	6149	7096	13591	16031	22796	12738	1369	100,900
1964	5347	2119	4043	4875	4838	5366	6950	13217	18353	34442	23820	13943	137,300
1965	66	6109	7174	7142	7288	7093	8964	13887	21857	25849	9334	2748	117,500
1966	268	2062	3696	4480	4942	6488	7784	16250	26591	18387	16733	6019	113,700
1967	71	3364	4459	5011	5185	6498	6886	10354	16206	34439	24665	15782	132,900
1968	105	1081	2678	3553	4639	5759	7213	7895	19320	25550	9547	8248	95,600
1969	163	1843	3087	5556	6482	7580	16617	11235	9878	14557	16657	6422	100,100
1970	78	1626	3170	4645	5513	6153	5701	11506	10232	17004	17787	3648	87,100
1971	111	1723	3250	4236	4792	5623	11428	1205	11712	18337	18387	53	80,900
1972	244	1586	3610	4830	5364	8009	11931	11657	12778	15087	11657	328	87,100
1973	92	1348	2765	3680	4279	5483	9343	1365	10208	17657	15457	3358	75,000
Average	1,200	3,300	4,100	4,800	5,200	6,400	8,500	14,900	20,700	21,200	15,100	7,100	112,600

PROPOSED ACTION
Spanish Fork River - Spanish Fork River Outlet Releases
Location #6
Water Year Monthly Summary
(cfs)

3/17/99

(6d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	4	4	4	5	5	5	59	122	336	200	153	70	81
1931	4	35	94	116	131	118	91	236	340	260	216	63	142
1932	33	62	64	94	134	180	224	560	561	556	406	101	248
1933	2	96	105	116	110	132	133	114	339	321	172	223	155
1934	60	36	66	61	61	99	86	111	28	12	29	1	54
1935	1	22	52	79	88	64	20	308	561	194	132	170	141
1936	83	86	62	92	103	105	302	559	557	351	243	50	216
1937	112	100	107	138	167	196	298	561	505	349	291	136	247
1938	4	114	102	110	124	183	276	452	561	346	236	98	217
1939	9	104	96	105	112	163	209	367	326	339	165	92	174
1940	4	160	87	102	120	112	141	388	425	189	126	51	159
1941	40	63	85	110	130	144	132	267	370	334	171	127	164
1942	2	15	34	46	60	70	116	177	450	401	260	155	149
1943	4	112	104	114	129	132	190	383	363	467	318	229	212
1944	3	169	151	139	131	126	141	179	141	346	213	117	155
1945	5	23	34	46	76	84	100	158	238	371	47	88	106
1946	12	36	57	69	84	96	162	361	471	364	200	161	173
1947	3	32	40	50	66	85	122	164	60	291	175	107	100
1948	17	25	41	48	61	70	133	335	289	317	207	179	143
1949	3	25	49	62	73	97	166	264	408	363	313	155	165
1950	13	34	45	67	91	103	169	280	561	448	385	277	206
1951	1	32	62	76	99	104	207	278	416	424	234	168	175
1952	2	32	53	71	79	96	5	20	121	231	146	142	83
1953	84	40	68	4	5	4	7	70	304	289	182	109	97
1954	4	29	44	65	90	93	118	281	374	305	301	102	150
1955	4	26	43	58	72	86	94	185	392	450	255	110	148
1956	4	106	121	131	138	134	166	328	536	470	391	193	227
1957	12	99	110	125	157	151	160	191	370	561	426	288	221
1958	8	1	7	27	54	78	123	287	425	405	348	149	159
1959	4	42	56	68	86	89	82	193	404	264	193	83	130
1960	4	96	94	97	104	111	111	220	417	343	542	105	187
1961	70	109	33	54	74	84	75	176	260	173	115	32	105
1962	46	82	93	66	58	81	177	277	513	452	381	59	190
1963	116	26	48	64	100	100	119	221	270	371	208	23	139
1964	87	36	66	79	84	87	117	215	309	561	388	235	189
1965	1	103	117	116	131	116	151	226	368	421	152	46	162
1966	4	35	60	73	89	106	131	265	448	300	273	101	157
1967	1	57	73	82	94	106	116	169	273	561	402	266	183
1968	2	18	44	58	81	94	121	129	325	416	156	139	132
1969	3	31	50	91	117	123	280	183	166	237	271	108	138
1970	1	27	52	76	99	100	96	187	172	277	290	61	120
1971	2	29	53	69	86	92	192	20	197	299	300	1	112
1972	4	27	59	79	93	130	201	190	215	246	190	6	120
1973	1	23	45	60	77	89	157	22	172	288	252	57	104
Average	20	56	67	79	94	105	143	243	349	345	247	119	155

PROPOSED ACTION
Spanish Fork River - Natural Flow Gains (excluding Diamond Fork Creek)
Location #6
Water Year Monthly Summary
(Acre-Feet)

(6e)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	3600	3900	4400	2900	3800	10000	14500	9400	4300	2100	2200	3000	64,100
1931	3900	3400	3900	2900	3300	6000	7100	4900	2800	1600	850	1600	42,300
1932	1100	2100	3600	2300	3300	2800	8000	8400	6800	3300	2800	1800	46,300
1933	2500	2500	2300	2300	1900	3000	3600	11100	10200	2800	1900	1600	45,700
1934	1700	1900	2300	2400	2600	2400	2200	2000	1400	970	1100	820	21,800
1935	1100	1200	1200	1500	1700	2500	4800	12700	8600	2200	1900	1800	41,200
1936	1700	2000	2100	2300	2500	3800	16800	21600	6400	2800	2800	2100	66,900
1937	2700	2300	2300	2300	3000	6700	11400	27900	8700	4600	2500	2300	76,700
1938	2500	2500	2700	2700	2600	6400	11900	18800	7400	3200	2800	2600	66,100
1939	2400	2500	3100	2800	2400	8500	7200	6900	1700	1500	1400	1700	42,100
1940	2400	2400	2300	2600	3000	5200	8800	10300	3200	1700	1600	2100	45,600
1941	2600	2400	2500	2600	3200	3600	4900	17700	8100	3600	3200	2200	56,600
1942	3100	2800	3000	2900	2700	6000	17200	19900	8600	4000	2700	2400	75,300
1943	2800	3200	3300	3300	4600	5000	7000	7700	7700	3000	2600	1900	52,100
1944	2600	2600	2600	2300	2800	4100	7400	24600	10800	3800	2200	2100	67,900
1945	2500	2900	2700	2900	4500	4300	5300	18500	8900	3700	3900	2700	62,800
1946	2900	3100	3100	3000	3500	5000	13300	10400	4200	2700	2500	2100	55,800
1947	2700	3000	3100	2600	3400	6600	9000	17400	5600	1800	2800	2200	60,200
1948	2300	2600	2600	2400	3000	4100	6600	12100	5100	2600	2100	1800	47,300
1949	2000	2300	2300	2500	2700	4800	8700	15900	7800	3600	2400	2300	57,300
1950	2700	2700	2300	3000	3400	4700	9900	15500	8900	4500	2400	2200	62,200
1951	2300	3000	3200	2800	3400	3600	5500	12100	6300	2900	2500	1700	49,300
1952	2300	2300	2100	2700	3100	4200	36000	73000	21700	8800	7100	4800	168,100
1953	4700	4500	4200	4700	3800	5000	5800	8900	7000	3200	3100	2200	57,100
1954	2700	3100	2900	2900	3300	3700	5500	6100	3000	2000	2000	2300	39,500
1955	2000	2300	2300	2200	2300	4600	5900	12200	5300	3100	2600	1900	46,700
1956	1900	2400	3100	3000	2400	4200	6000	11400	4600	940	0	1400	41,300
1957	1900	1900	2200	2200	3900	3900	6200	19900	16900	5500	3500	2900	70,900
1958	3200	2700	3000	3000	3700	5700	10000	26900	9100	3700	2900	2900	76,800
1959	2900	3000	3300	3200	3100	3500	2800	4500	2600	2000	1600	1500	34,000
1960	1800	1900	1900	2000	2100	3900	5200	9400	3700	1600	1300	1500	36,300
1961	1500	1800	1800	1900	1600	2000	1900	2300	80	970	1500	1500	18,900
1962	1300	1600	1500	1500	4600	4000	15900	18200	7100	2700	2000	1900	62,300
1963	2000	2300	2200	2100	2300	2500	3100	8000	3800	1800	1900	1900	33,900
1964	1400	1700	1800	1900	1700	2200	4400	12600	5800	2500	1500	360	37,900
1965	1700	1800	2100	2500	2400	3400	7400	18500	13000	4700	3500	3000	64,000
1966	2800	2800	2600	2500	2800	6000	6600	8800	3300	2000	1700	640	42,500
1967	2000	2200	2200	2500	2400	4400	4600	13800	15300	5800	3100	2800	61,100
1968	3000	2800	2700	2700	3400	4400	7000	20000	14500	5200	4000	3300	73,000
1969	3400	3200	2900	3700	3100	5800	22600	31400	10300	5100	5300	4400	101,200
1970	4000	2600	3600	3700	4200	4300	4900	8400	0	4500	4900	4000	49,100
1971	3700	3500	3100	3500	3700	5800	10100	8800	240	4300	5600	3200	55,500
1972	3600	3500	3400	3500	3900	5900	6000	8600	20	600	2000	2600	43,600
1973	3000	3000	2800	2900	2800	4200	10600	34800	3000	5900	5600	4200	82,800
Average	2,500	2,600	2,700	2,700	3,000	4,600	8,600	15,300	6,700	3,200	2,700	2,300	56,900

PROPOSED ACTION

3/17/99

Spanish Fork River - Natural Flow Gains (excluding Diamond Fork Creek)

Location #6

Water Year Monthly Summary
(cfs)

6e

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	59	66	72	47	69	163	244	153	72	34	36	51	89
1931	64	57	64	47	60	98	120	80	47	26	14	27	59
1932	18	35	59	37	57	46	135	137	114	54	46	30	64
1933	41	42	37	37	34	49	61	181	172	46	31	27	63
1934	28	32	37	39	47	39	37	33	24	16	18	14	30
1935	18	20	20	24	31	41	81	207	145	36	31	30	57
1936	28	34	34	37	44	62	283	352	108	46	46	35	92
1937	44	39	37	37	54	109	192	455	146	75	41	39	106
1938	41	42	44	44	47	104	200	306	125	52	46	44	91
1939	39	42	51	46	43	138	121	112	29	24	23	29	58
1940	39	40	37	42	52	85	148	168	54	28	26	35	63
1941	42	40	41	42	58	59	82	288	136	59	52	37	78
1942	51	47	49	47	49	98	290	324	145	65	44	40	104
1943	46	54	54	54	83	81	118	125	130	49	42	32	72
1944	42	44	42	37	49	67	125	401	182	62	36	35	93
1945	41	49	44	47	81	70	89	301	150	60	64	45	87
1946	47	52	51	49	63	81	224	169	71	44	41	35	77
1947	44	51	51	42	61	108	152	283	94	29	46	37	83
1948	37	44	42	39	52	67	111	197	86	42	34	30	65
1949	33	39	37	41	49	78	146	259	131	59	39	39	79
1950	44	45	37	49	61	77	167	253	150	73	39	37	86
1951	37	51	52	46	61	59	93	197	106	47	41	29	68
1952	37	39	34	44	54	68	606	1,189	365	143	116	81	231
1953	77	76	68	77	69	81	98	145	118	52	51	37	79
1954	44	52	47	47	60	60	93	99	51	33	33	39	55
1955	33	39	37	36	41	75	99	199	89	51	42	32	64
1956	31	40	51	49	42	68	101	186	77	15	0	24	57
1957	31	32	36	36	70	64	104	324	285	90	57	49	98
1958	52	45	49	49	67	93	168	438	153	60	47	49	106
1959	47	51	54	52	56	57	47	73	44	33	26	25	47
1960	29	32	31	33	37	64	88	153	62	26	21	25	50
1961	24	30	29	31	29	33	32	37	1	16	24	25	26
1962	21	27	24	24	83	65	268	297	120	44	33	32	86
1963	33	39	36	34	41	41	52	130	64	29	31	32	47
1964	23	29	29	31	30	36	74	205	98	41	24	6	52
1965	28	30	34	41	43	55	125	301	219	77	57	51	88
1966	46	47	42	41	51	98	111	143	56	33	28	11	59
1967	33	37	36	41	43	72	77	225	258	94	51	47	84
1968	49	47	44	44	59	72	118	326	244	85	65	56	101
1969	55	54	47	60	56	94	380	512	173	83	86	74	140
1970	65	44	59	60	76	70	82	137	0	73	80	67	68
1971	60	59	51	57	67	94	170	143	4	70	91	54	77
1972	59	59	55	57	68	96	101	140	0	10	33	44	60
1973	49	51	46	47	51	68	178	567	51	96	91	71	114
Average	41	44	44	44	54	75	145	249	112	52	44	38	79

PROPOSED ACTION
Spanish Fork River at Castilla Gage - Strawberry Valley Project Water in Stream
Location #6
Water Year Monthly Summary
(Acre-Feet)

(6f)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1700	0	0	0	0	0	4400	9200	23730	16600	13650	7800	77,100
1931	100	0	0	0	0	0	2280	15200	22470	18100	9600	4100	71,900
1932	1100	0	0	0	0	0	1800	8590	12600	14200	15100	6000	59,400
1933	1600	0	0	0	0	0	0	40	13900	18480	11570	6130	51,700
1934	1600	0	0	0	0	0	2700	8300	6200	5500	3700	2200	30,200
1935	90	0	0	0	0	0	0	110	11600	14900	10400	7300	44,400
1936	1000	0	0	0	0	0	0	5200	15380	9400	9200	5600	45,800
1937	3500	0	0	0	0	0	3150	14500	13200	12200	13900	7900	68,400
1938	2500	0	0	0	0	0	3500	8700	20700	14200	12600	6000	68,200
1939	3100	0	0	0	0	0	3260	13400	13800	20300	13100	6400	73,400
1940	920	0	0	0	0	0	4880	14900	21520	11900	10100	2900	67,100
1941	1600	0	0	0	0	0	0	4110	10200	14600	9500	7640	47,700
1942	1700	0	0	0	0	0	0	420	16900	17900	12720	7230	56,900
1943	2700	0	0	0	0	0	1720	10140	7500	18500	12740	8640	61,900
1944	3100	0	0	0	0	0	0	140	8400	22600	15950	8730	58,900
1945	2800	0	0	0	0	0	0	2350	10400	22200	6500	9000	53,300
1946	3200	0	0	0	0	0	0	9800	20430	17700	10700	8700	70,500
1947	2200	0	0	0	0	0	0	6480	5900	21400	14890	10500	61,400
1948	3700	0	0	0	0	0	0	12000	14410	19100	13030	10620	72,900
1949	1800	0	0	0	0	0	1120	4280	16500	17900	17400	8300	67,300
1950	3100	0	0	0	0	0	0	4330	18290	15300	19300	12900	73,200
1951	290	0	0	0	0	0	460	1430	17500	22800	16590	11300	70,400
1952	2200	0	0	0	0	0	0	770	8700	17120	12400	11900	53,100
1953	7210	0	0	0	0	0	0	5900	20300	21400	15100	10300	80,200
1954	2200	0	0	0	0	0	1930	12210	20100	18400	18600	5100	78,500
1955	2000	0	0	0	0	0	0	3530	18400	24800	14940	6740	70,400
1956	1600	0	0	0	0	0	830	5360	19600	18970	17100	6900	70,400
1957	680	0	0	0	0	0	0	210	5500	23400	17500	10760	58,100
1958	3000	0	0	0	0	0	0	640	18580	21200	18900	6090	68,400
1959	1700	0	0	0	0	0	540	10420	22500	15700	12350	5300	68,500
1960	1400	0	0	0	0	0	590	7100	20200	18830	13800	4400	66,300
1961	670	0	0	0	0	0	0	9570	18750	11900	6400	2700	50,000
1962	100	0	0	0	0	0	0	30	11500	13550	15000	4700	44,900
1963	1400	0	0	0	0	0	0	4430	6400	16200	12120	3700	44,300
1964	2100	0	0	0	0	0	0	1680	4600	26740	16190	8100	59,400
1965	980	0	0	0	0	0	0	10	7900	14400	12140	6270	41,700
1966	1500	0	0	0	0	0	1100	7410	21500	16000	15700	5700	68,900
1967	1700	0	0	0	0	0	0	10	1430	22600	20300	12890	58,900
1968	110	0	0	0	0	0	0	40	10800	21400	12190	10650	55,200
1969	2300	0	0	0	0	0	0	2740	11400	18000	20100	9730	64,300
1970	1600	0	0	0	0	0	0	50	10380	20500	21500	7000	61,000
1971	1400	0	0	0	0	0	0	2080	13500	21910	22000	3200	64,100
1972	260	0	0	0	0	0	0	14100	16100	19000	15700	3900	69,100
1973	120	0	0	0	0	0	0	20	10200	20960	18800	6500	56,600
Average	1,800	0	0	0	0	0	780	5,500	14,100	17,900	14,100	7,200	61,500

PROPOSED ACTION

3/17/99

Spanish Fork River at Castilla Gage - Strawberry Valley Project Water in Stream
Location #6
Water Year Monthly Summary
(cfs)

(6f)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	28	0	0	0	0	0	74	150	399	270	222	131	106
1931	2	0	0	0	0	0	38	248	378	295	156	69	99
1932	18	0	0	0	0	0	30	140	212	231	246	101	82
1933	26	0	0	0	0	0	0	1	234	301	188	103	71
1934	26	0	0	0	0	0	45	135	104	90	60	37	42
1935	1	0	0	0	0	0	0	2	195	243	169	123	61
1936	16	0	0	0	0	0	0	85	259	153	150	94	63
1937	57	0	0	0	0	0	53	236	222	199	226	133	94
1938	41	0	0	0	0	0	59	142	348	231	205	101	94
1939	51	0	0	0	0	0	55	218	232	331	213	108	101
1940	15	0	0	0	0	0	82	243	362	194	165	49	92
1941	26	0	0	0	0	0	0	67	172	238	155	129	65
1942	28	0	0	0	0	0	0	7	285	292	207	122	78
1943	44	0	0	0	0	0	29	165	126	301	208	145	85
1944	51	0	0	0	0	0	0	2	141	368	260	147	81
1945	46	0	0	0	0	0	0	38	175	362	106	152	73
1946	52	0	0	0	0	0	0	160	344	288	174	146	97
1947	36	0	0	0	0	0	0	106	99	349	243	177	84
1948	60	0	0	0	0	0	0	196	243	311	212	179	100
1949	29	0	0	0	0	0	19	70	278	292	283	140	93
1950	51	0	0	0	0	0	0	71	308	249	314	217	101
1951	5	0	0	0	0	0	8	23	295	371	270	190	97
1952	36	0	0	0	0	0	0	13	146	279	202	200	73
1953	117	0	0	0	0	0	0	96	342	349	246	173	110
1954	36	0	0	0	0	0	32	199	338	300	303	86	108
1955	33	0	0	0	0	0	0	58	310	404	243	113	97
1956	26	0	0	0	0	0	14	87	330	309	279	116	97
1957	11	0	0	0	0	0	0	3	93	381	285	181	80
1958	49	0	0	0	0	0	0	10	313	345	308	103	94
1959	28	0	0	0	0	0	9	170	379	256	201	89	94
1960	23	0	0	0	0	0	10	116	340	307	225	74	91
1961	11	0	0	0	0	0	0	156	316	194	104	45	69
1962	2	0	0	0	0	0	0	0	194	221	244	79	62
1963	23	0	0	0	0	0	0	0	72	108	264	197	62
1964	34	0	0	0	0	0	0	27	77	436	264	136	81
1965	16	0	0	0	0	0	0	0	133	235	198	106	57
1966	24	0	0	0	0	0	19	121	362	261	256	96	95
1967	28	0	0	0	0	0	0	0	24	368	331	217	81
1968	2	0	0	0	0	0	0	1	182	349	199	179	76
1969	37	0	0	0	0	0	0	45	192	293	327	164	88
1970	26	0	0	0	0	0	0	1	175	334	350	118	84
1971	23	0	0	0	0	0	0	34	227	357	358	54	88
1972	4	0	0	0	0	0	0	230	271	310	256	66	95
1973	2	0	0	0	0	0	0	0	172	341	306	109	78
Average	29	0	0	0	0	0	13	90	237	292	230	122	84

PROPOSED ACTION
Spanish Fork River at Castilla Gage - Bonneville Unit Water in Stream
Location #6
Water Year Monthly Summary
(Acre-Feet)

(6g)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1283	2643	2613	3363	2603	1776	0	0	0	0	0	0	14,300
1931	2785	4642	8338	10119	9773	9604	4220	2823	1973	2532	8286	4113	69,200
1932	4318	6662	6641	8842	10275	14201	12705	27493	27704	23699	13966	4573	161,100
1933	1508	8501	9102	10223	9257	11184	10071	8755	7252	4654	3030	10891	94,400
1934	5078	5209	7360	6802	6407	9533	5769	3251	0	0	2502	2300	54,200
1935	3610	4174	6705	8336	7995	7408	2786	15263	29214	1036	2119	6721	95,400
1936	7124	8260	7180	9116	9069	9245	16285	30909	23899	15406	9876	1221	147,600
1937	6162	8736	9673	11858	11677	13885	15092	22521	19062	12555	8032	4240	143,500
1938	585	9472	9146	9624	9534	13205	14067	20627	16494	10578	5798	3656	122,800
1939	265	8968	8672	9336	9039	11707	10299	11793	10003	5127	1782	3412	90,400
1940	2265	12462	8543	9322	9586	9339	4769	10513	7671	3842	1994	4181	84,500
1941	3961	6614	8280	9826	9831	11545	9236	13867	14633	9454	5624	3900	106,800
1942	1260	3497	5064	5926	5985	7069	8188	12151	12467	10373	7620	5983	85,600
1943	481	9213	9279	9963	9469	10665	10864	15745	17614	14227	11379	9268	128,200
1944	119	12922	12357	11897	10235	10403	9570	12543	1826	2002	1389	2107	87,400
1945	211	4042	5274	5909	6846	7811	7192	9000	6572	4594	0	0	57,500
1946	241	4803	6470	7231	7169	8356	10817	14067	10955	8502	5830	4724	89,200
1947	788	4505	5413	5971	6205	7628	8427	5386	800	0	0	0	45,100
1948	248	4252	5530	5821	6084	6954	9071	9181	6032	4984	4353	4411	66,900
1949	1323	4181	5901	7169	6670	8566	9981	13505	9813	7820	5951	4684	85,600
1950	184	4495	5663	7114	7502	8785	11261	14468	17837	15459	8265	7325	108,400
1951	2308	4175	6465	7675	7899	8881	12963	17142	9452	7849	2176	2408	89,400
1952	632	4284	5957	7135	7032	8500	1500	2044	102	0	0	0	37,200
1953	259	4031	6184	2809	2499	2509	1526	10	0	0	0	0	19,800
1954	485	4202	5383	6667	7438	8363	6603	8117	6351	4939	4601	4820	68,000
1955	1177	4214	5499	6338	6535	8050	7469	9485	8955	7091	4970	4077	73,900
1956	1661	9288	10338	10850	10725	10519	10107	16359	16502	13267	10066	8089	127,800
1957	2963	8640	9624	10432	11037	11823	10690	13144	17969	15965	12907	10287	135,500
1958	85	2565	3190	4436	5310	7355	8497	18578	10305	8272	6908	6517	82,000
1959	1281	5144	6200	6939	7315	8164	6392	5791	5761	4747	3297	3674	64,700
1960	1865	8607	8835	8848	8478	9473	7960	9557	9043	6922	24127	6278	110,000
1961	6549	9236	5089	6199	6858	8164	7016	4758	1090	3356	5304	3231	66,900
1962	5741	7765	8683	7059	5766	7756	11720	18576	21303	17695	13025	2570	127,700
1963	8449	4338	5927	6705	7467	8732	9072	10691	12483	10239	4981	2121	91,200
1964	6062	4795	6926	7758	7526	8249	8626	13117	19247	14158	12163	9695	118,300
1965	1901	8685	9757	9825	9726	9576	10164	15477	15457	14492	637	0	105,700
1966	1283	4538	6479	7363	7480	8871	7960	10550	9043	6630	4576	3771	78,500
1967	986	6040	7342	7894	7823	8981	9262	12044	16640	16680	8208	6434	108,300
1968	2610	3757	5461	6436	7134	8242	8489	9555	9920	7893	0	0	69,500
1969	78	4419	5770	8239	8820	9863	17817	10135	0	0	0	0	65,100
1970	1893	4202	5853	7328	7951	8736	7377	13156	1332	7	0	0	57,800
1971	2126	4199	6033	6919	7230	8006	12628	805	0	0	0	225	48,200
1972	3099	4262	6193	7513	7763	10792	14207	0	0	0	0	0	53,800
1973	2887	3924	5548	6463	6817	8066	10543	3045	1508	0	0	0	48,800
Average	2,300	6,000	7,000	7,800	7,800	9,000	9,100	11,300	9,900	7,200	5,100	3,700	86,100

PROPOSED ACTION
Spanish Fork River at Castilla Gage - Bonneville Unit Water in Stream
Location #6
Water Year Monthly Summary
(cfs)

3/17/99

6g

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	21	44	43	55	47	29	0	0	0	0	0	0	20
1931	45	78	136	165	176	156	71	46	33	41	135	69	96
1932	70	112	108	144	179	231	214	448	466	386	228	77	222
1933	25	143	148	167	167	182	170	143	122	76	49	183	131
1934	83	88	120	111	116	155	97	53	0	0	41	39	75
1935	59	70	109	136	144	121	47	249	492	17	35	113	133
1936	116	139	117	149	158	151	274	504	402	251	161	21	203
1937	100	147	158	193	211	226	254	367	321	205	131	71	199
1938	10	159	149	157	172	215	237	336	278	172	94	62	170
1939	4	151	141	152	163	191	173	192	168	84	29	57	126
1940	37	210	139	152	167	152	80	171	129	63	32	70	117
1941	65	111	135	160	177	188	155	226	246	154	92	66	148
1942	21	59	83	97	108	115	138	198	210	169	124	101	118
1943	8	155	151	162	171	174	183	257	297	232	185	156	178
1944	2	218	201	194	178	169	161	204	31	33	23	35	121
1945	3	68	86	96	123	127	121	147	111	75	0	0	80
1946	4	81	105	118	129	136	182	229	184	139	95	80	124
1947	13	76	88	97	112	124	142	88	13	0	0	0	63
1948	4	72	90	95	106	113	153	150	102	81	71	74	93
1949	22	70	96	117	120	140	168	220	165	127	97	79	118
1950	3	76	92	116	135	143	190	236	300	252	135	123	150
1951	38	70	105	125	142	145	218	279	159	128	35	41	124
1952	10	72	97	116	122	138	25	33	2	0	0	0	51
1953	4	68	101	46	45	41	26	0	0	0	0	0	28
1954	8	71	88	109	134	136	111	132	107	80	75	81	94
1955	19	71	90	103	118	131	126	155	151	116	81	69	102
1956	27	156	168	177	187	171	170	267	278	216	164	136	176
1957	48	145	157	170	199	193	180	214	303	260	210	173	188
1958	1	43	52	72	96	120	143	303	173	135	113	110	113
1959	21	87	101	113	132	133	108	94	97	77	54	62	90
1960	30	145	144	144	148	154	134	156	152	113	393	106	152
1961	107	155	83	101	124	133	118	78	18	55	86	54	93
1962	94	131	141	115	104	126	197	303	359	288	212	43	176
1963	138	73	97	109	135	142	153	174	210	167	81	36	126
1964	99	81	113	126	131	134	145	214	324	231	198	163	163
1965	31	146	159	160	175	156	171	252	260	236	10	0	146
1966	21	76	106	120	135	145	134	172	152	108	75	63	109
1967	16	102	120	129	141	146	156	196	280	272	134	108	150
1968	43	63	89	105	124	134	143	156	167	129	0	0	96
1969	1	74	94	134	159	161	300	165	0	0	0	0	91
1970	31	71	95	119	143	142	124	214	22	0	0	0	80
1971	35	71	98	113	130	130	213	13	0	0	0	4	67
1972	50	72	101	122	135	176	239	0	0	0	0	0	75
1973	47	66	90	105	123	131	177	50	25	0	0	0	68
Average	37	101	113	126	140	147	153	184	166	117	84	62	119

PROPOSED ACTION
Spanish Fork River at Castilla Gage - Total Natural Flow in Stream
Location #6
Water Year Monthly Summary

(6h)

(Acre-Feet)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	5000	5500	6300	4200	6100	13600	22300	14100	6100	2900	3100	4300	93,500
1931	5400	4800	5400	4200	5000	8500	11000	7200	3900	2100	1200	2200	60,900
1932	2400	3300	4900	3200	5000	4400	12400	12700	9500	4600	4000	2500	68,900
1933	3100	4100	4500	3308	2707	4714	6567	17068	17154	7032	4389	3675	78,300
1934	3251	3037	3316	3053	3300	3505	3316	3396	2378	1628	2583	1654	34,400
1935	1763	2380	2555	2590	2966	3310	7805	19194	12949	3644	2832	3204	65,200
1936	2533	2743	2460	2723	2955	5555	27262	33508	8986	7537	3664	3822	103,700
1937	3678	3399	3203	3320	4667	10105	19244	40139	12091	7096	3130	3010	113,100
1938	3981	4026	3885	3826	3903	9145	16567	28108	10096	5746	4251	3423	97,000
1939	3510	3740	4280	3964	3322	11351	11443	9127	2719	1737	2001	2737	59,900
1940	3521	3295	3225	3459	4299	7067	12634	15403	3980	2693	2799	3517	65,900
1941	3822	3552	3612	3576	4342	5041	7430	23365	10277	5454	5040	4012	79,500
1942	4754	4229	4143	3891	3781	7937	24105	26695	10712	5913	4088	4005	104,300
1943	4372	4701	4733	4431	5998	7118	11685	10650	10234	4084	3597	2769	74,400
1944	3676	3680	3678	3161	3947	5756	11067	34702	15037	5764	3006	3435	96,900
1945	4133	4546	3885	3873	5423	5763	7919	27143	12679	5109	5769	4019	90,300
1946	4452	4439	4167	4254	4820	7311	22389	17390	6958	4978	3990	2948	88,100
1947	4609	4506	4377	3590	4587	9484	13535	23014	8461	3913	3857	3469	87,400
1948	3578	3598	3423	3260	4335	6051	11030	19688	8323	3567	3047	2896	72,800
1949	3539	3566	3508	3663	3792	6690	15514	25666	11222	5063	3631	4038	89,900
1950	4643	4006	3596	4220	4869	6813	17558	24183	13023	7534	3860	3760	98,100
1951	4365	4766	4909	3828	4714	5502	12743	23101	10609	4408	2978	3059	85,000
1952	3944	3699	3617	4290	4345	6275	62419	114126	31676	13218	9640	7287	264,500
1953	7364	7440	7615	7599	5962	7702	9567	13358	10148	4716	4272	2843	88,600
1954	4234	4309	4125	4202	4407	4981	8159	7676	3296	2269	1767	3449	52,900
1955	3058	3213	3179	2876	2848	6182	8204	16526	6042	4078	3934	2247	62,400
1956	2847	3167	4298	4413	3369	5940	9840	16031	4820	3195	3052	2442	63,400
1957	3346	2816	3260	3137	5212	6283	9571	29749	22838	8069	4953	3739	103,000
1958	4964	4054	4260	4206	5099	7619	15868	40153	10659	5000	4202	4002	110,100
1959	4532	4165	4258	4337	4171	4841	4617	5100	3368	3425	3185	2661	48,700
1960	2737	2376	2390	2755	2981	5302	7119	11414	3297	890	434	2296	44,000
1961	2474	2530	2189	2489	2501	3258	3072	3356	440	796	2270	2473	27,800
1962	2108	2239	2215	2757	7039	5710	23220	25917	9020	3994	3213	3368	90,800
1963	3579	3322	2762	2969	3889	3639	5174	13672	6748	4228	3339	3318	56,600
1964	2632	2872	2909	2731	2108	2861	7191	23227	11023	3573	2288	2081	65,500
1965	3140	2830	3469	4099	3951	5637	15086	33874	20339	8206	5887	5027	111,500
1966	4118	3957	3820	3691	4252	8613	9597	13553	4603	3126	3110	2765	65,200
1967	3434	2979	2975	3594	3346	7217	7148	21443	20579	8051	5095	4454	90,300
1968	4298	3782	3613	3548	4520	6061	10151	29486	19033	9706	6607	6683	107,500
1969	5608	4615	4288	5597	4534	8578	40226	45332	16857	9149	7270	6499	158,600
1970	5410	3822	4560	5043	4994	5581	6934	24300	13623	6481	4862	6031	91,600
1971	5121	4849	4052	4907	5488	8792	18499	28616	11901	5576	3683	3607	105,100
1972	5150	4992	4734	4720	5214	9512	9929	13744	6384	3354	2784	3732	74,200
1973	4181	4191	3873	3661	3697	5914	16072	56154	17678	4732	3187	5580	128,900
Average	3,900	3,800	3,900	3,800	4,300	6,600	13,900	23,700	10,500	5,000	3,800	3,600	86,800

PROPOSED ACTION
Spanish Fork River at Castilla Gage - Total Natural Flow in Stream
Location #6
Water Year Monthly Summary
(cfs)

(6h)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	81	93	103	68	110	222	375	230	103	47	51	72	130
1931	88	81	88	68	90	138	185	117	66	34	20	37	84
1932	39	56	80	52	87	72	209	207	160	75	65	42	95
1933	51	69	73	54	49	77	111	278	289	115	72	62	108
1934	53	51	54	50	60	57	56	55	40	27	42	28	48
1935	29	40	42	42	53	54	131	313	218	59	46	54	90
1936	41	46	40	44	51	91	459	546	151	123	60	64	143
1937	60	57	52	54	84	165	324	654	204	116	51	51	156
1938	65	68	63	62	70	149	279	458	170	94	69	58	134
1939	57	63	70	65	60	185	193	149	46	28	33	46	83
1940	57	55	53	56	75	115	213	251	67	44	46	59	91
1941	62	60	59	58	78	82	125	381	173	89	82	68	110
1942	77	71	67	63	68	129	406	435	180	96	67	67	144
1943	71	79	77	72	108	116	197	174	172	67	59	47	103
1944	60	62	60	51	69	94	186	565	253	94	49	58	133
1945	67	77	63	63	98	94	133	442	213	83	94	68	125
1946	73	75	68	69	87	119	377	283	117	81	65	50	122
1947	75	76	71	58	83	155	228	375	142	64	63	58	121
1948	58	61	56	53	75	99	186	321	140	58	50	49	100
1949	58	60	57	60	68	109	261	418	189	82	59	68	124
1950	76	67	59	69	88	111	296	394	219	123	63	63	136
1951	71	80	80	62	85	90	215	376	179	72	49	51	117
1952	64	62	59	70	76	102	1,051	1,859	533	215	157	123	364
1953	120	125	124	124	108	125	161	218	171	77	70	48	122
1954	69	73	67	68	79	81	137	125	55	37	29	58	73
1955	50	54	52	47	51	101	138	269	102	66	64	38	86
1956	46	53	70	72	59	97	166	261	81	52	50	41	87
1957	55	47	53	51	94	102	161	485	384	131	81	63	142
1958	81	68	69	69	92	124	267	654	179	81	68	67	152
1959	74	70	69	71	75	79	78	83	57	56	52	45	67
1960	45	40	39	45	52	86	120	186	56	14	7	39	61
1961	40	43	36	41	45	53	52	55	7	13	37	42	39
1962	34	38	36	45	127	93	391	422	152	65	52	57	126
1963	58	56	45	48	70	59	87	223	114	69	54	56	78
1964	43	48	47	44	37	47	121	378	186	58	37	35	90
1965	51	48	57	67	71	92	254	552	342	134	96	85	154
1966	67	67	62	60	77	140	162	221	77	51	51	47	90
1967	56	50	48	59	60	118	120	349	346	131	83	75	125
1968	70	64	59	58	79	99	171	480	320	158	108	113	148
1969	91	78	70	91	82	140	677	739	284	149	118	109	219
1970	88	64	74	82	90	91	117	396	229	106	79	102	127
1971	83	82	66	80	99	143	311	466	200	91	60	61	145
1972	84	84	77	77	91	155	167	224	107	55	45	63	102
1973	68	71	63	60	67	96	271	915	298	77	52	94	178
Average	64	64	63	62	77	108	235	386	177	81	61	61	120

PROPOSED ACTION
Spanish Fork River below Spanish Fork Diversion Dam - Total Flow
Location #7
Water Year Monthly Summary
(Acre-Feet)

(7a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1,443	2,623	2,563	3,363	2,643	1,776	1,740	3,500	3,650	2,460	2,400	1,070	29,200
1931	2,805	4,642	8,338	10,119	9,773	9,554	4,560	5,563	4,923	4,802	9,526	4,823	79,400
1932	4,608	6,662	6,641	8,842	10,275	14,201	14,205	31,763	31,104	27,689	16,246	5,663	177,900
1933	1,818	8,501	9,102	10,223	9,257	11,184	10,521	12,055	12,152	7,804	4,870	11,761	109,200
1934	5,368	5,209	7,360	6,802	6,407	9,533	6,459	4,731	900	540	3,192	2,870	59,400
1935	3,740	4,174	6,705	8,336	7,995	7,408	4,466	23,169	28,038	3,506	3,899	7,461	108,900
1936	7,384	8,260	7,180	9,116	9,069	9,245	19,975	39,127	24,609	17,096	11,836	2,451	165,300
1937	6,722	8,736	9,673	11,858	11,677	13,835	15,696	46,256	22,762	15,055	10,202	5,530	178,000
1938	1,075	9,472	9,146	9,624	9,534	13,155	14,557	27,145	21,394	14,388	7,458	4,546	141,500
1939	885	8,968	8,672	9,336	9,039	11,657	11,289	14,643	12,743	7,407	3,362	4,152	102,200
1940	2,525	12,462	8,543	9,322	9,586	9,289	5,229	14,033	10,981	5,222	3,174	4,561	94,900
1941	4,431	6,614	8,280	9,826	9,831	11,545	9,236	17,777	17,933	11,484	7,354	5,230	119,500
1942	1,780	3,497	5,064	5,926	5,985	7,069	8,188	14,491	16,467	13,223	9,450	7,293	98,400
1943	1,071	9,213	9,279	9,963	9,509	10,615	12,584	18,525	20,374	17,297	13,399	10,478	142,300
1944	669	12,922	12,357	11,897	10,235	10,403	9,570	16,995	5,266	5,912	3,319	3,367	102,900
1945	711	4,042	5,274	5,909	6,846	7,811	7,192	10,300	9,572	8,244	1,570	1,430	68,900
1946	841	4,803	6,470	7,231	7,169	8,306	10,977	17,097	14,785	11,152	7,270	6,074	102,200
1947	1,048	4,505	5,413	5,971	6,205	7,578	8,817	9,786	2,330	3,670	2,590	1,350	59,300
1948	678	4,252	5,530	5,821	6,084	6,954	9,071	13,381	9,042	8,184	6,203	5,791	81,000
1949	1,663	4,181	5,901	7,169	6,670	8,566	11,211	16,485	13,613	10,700	8,541	6,344	101,000
1950	444	4,475	5,663	7,114	7,502	8,735	11,651	17,028	22,027	17,589	10,855	8,835	121,900
1951	2,828	4,155	6,465	7,675	7,939	8,831	13,943	19,582	13,152	11,139	4,546	3,948	104,200
1952	942	4,264	5,957	7,135	7,022	8,450	34,519	86,650	11,078	4,170	2,750	2,000	174,900
1953	1,719	4,011	6,134	2,759	2,539	2,459	1,526	2,070	3,530	2,950	2,540	1,860	34,100
1954	1,085	4,182	5,383	6,667	7,438	8,363	7,463	10,727	9,611	7,409	7,261	5,580	81,200
1955	1,777	4,214	5,499	6,338	6,535	8,050	7,449	12,175	12,755	11,061	7,200	5,827	88,900
1956	2,201	9,288	10,338	10,850	10,725	10,469	11,507	19,129	20,202	15,607	12,646	9,379	142,300
1957	3,363	8,640	9,624	10,432	11,077	11,823	10,690	14,744	21,609	19,555	15,477	12,117	149,200
1958	495	2,545	3,190	4,436	5,350	7,305	8,497	29,091	14,405	11,322	9,548	7,737	103,900
1959	1,861	5,144	6,200	6,939	7,315	8,164	6,782	8,071	9,351	6,607	4,957	4,444	75,800
1960	2,335	8,607	8,835	8,848	8,468	9,473	9,140	11,827	12,713	10,712	26,417	6,988	124,400
1961	6,909	9,236	5,089	6,199	6,858	8,164	8,116	7,108	4,520	4,606	6,224	3,571	76,600
1962	5,741	7,765	8,683	7,059	5,766	7,756	11,800	23,176	23,733	19,805	15,145	3,060	139,500
1963	8,609	4,338	5,927	6,705	7,507	10,032	9,682	13,121	14,153	12,199	7,011	2,521	101,800
1964	6,242	4,795	6,926	7,758	7,526	8,249	8,606	14,997	21,047	18,148	14,503	11,055	129,900
1965	1,971	8,685	9,757	9,825	9,726	9,526	10,164	19,477	18,887	17,092	2,727	1,050	118,900
1966	1,723	4,518	6,479	7,363	7,480	8,821	9,860	13,360	12,713	8,720	6,706	4,391	92,100
1967	1,076	6,040	7,342	7,894	7,823	8,931	9,522	15,444	18,400	20,480	10,978	8,174	122,100
1968	2,630	3,757	5,461	6,436	7,124	8,192	8,489	11,555	14,520	11,493	1,740	1,780	83,200
1969	278	4,419	5,770	8,239	8,860	9,813	28,643	27,877	2,991	3,300	3,481	1,534	105,200
1970	2,153	4,202	5,853	7,328	7,951	8,736	7,357	16,356	4,017	3,394	3,207	1,023	71,600
1971	2,256	4,179	6,033	6,919	7,230	7,956	13,208	4,585	3,580	4,012	3,684	970	64,600
1972	3,119	4,262	6,193	7,513	7,753	10,792	14,547	4,810	3,356	3,311	1,773	380	67,800
1973	2,907	3,924	5,548	6,463	6,817	8,066	10,543	28,829	5,116	4,563	3,215	1,186	87,200
Average	2,600	6,000	7,000	7,800	7,800	9,000	10,700	17,900	13,200	10,100	7,300	4,800	104,200

PROPOSED ACTION
Spanish Fork River below Spanish Fork Diversion Dam - Total Flow
Location #7
Water Year Monthly Summary
(cfs)

(7a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	24	44	42	55	48	29	29	57	61	40	39	18	40
1931	46	78	136	165	176	156	77	91	83	78	155	81	110
1932	75	112	108	144	179	231	239	517	524	451	265	95	245
1933	30	143	148	167	167	182	177	196	205	127	79	198	152
1934	87	88	120	111	116	155	109	77	15	9	52	48	82
1935	61	70	109	136	144	121	75	377	472	57	64	126	151
1936	120	139	117	149	158	151	336	637	414	279	193	41	228
1937	110	147	158	193	211	225	264	754	383	245	166	93	246
1938	18	159	149	157	172	214	245	442	360	234	122	77	196
1939	14	151	141	152	163	190	190	239	215	121	55	70	142
1940	41	210	139	152	167	151	88	229	185	85	52	77	131
1941	72	111	135	160	177	188	155	290	302	187	120	88	165
1942	29	59	83	97	108	115	138	236	277	215	154	123	136
1943	17	155	151	162	172	173	212	302	343	282	218	176	197
1944	11	218	201	194	178	169	161	277	89	96	54	57	142
1945	12	68	86	96	123	127	121	168	161	134	26	24	96
1946	14	81	105	118	129	135	185	279	249	182	118	102	141
1947	17	76	88	97	112	123	148	159	39	60	42	23	82
1948	11	72	90	95	106	113	153	218	152	133	101	97	112
1949	27	70	96	117	120	140	189	269	229	174	139	107	140
1950	7	75	92	116	135	142	196	277	371	287	177	149	169
1951	46	70	105	125	143	144	235	319	221	181	74	66	144
1952	15	72	97	116	122	138	581	1,412	186	68	45	34	241
1953	28	68	100	45	46	40	26	34	59	48	41	31	47
1954	18	70	88	109	134	136	126	175	162	121	118	94	112
1955	29	71	90	103	118	131	125	198	215	180	117	98	123
1956	36	156	168	177	187	171	194	312	340	254	206	158	197
1957	55	145	157	170	200	193	180	240	364	319	252	204	207
1958	8	43	52	72	97	119	143	474	243	184	156	130	143
1959	30	87	101	113	132	133	114	131	157	108	81	75	105
1960	38	145	144	144	147	154	154	193	214	175	430	118	171
1961	113	155	83	101	124	133	137	116	76	75	101	60	106
1962	94	131	141	115	104	126	199	378	400	323	247	52	192
1963	140	73	97	109	135	163	163	214	238	199	114	42	141
1964	102	81	113	126	131	134	145	244	354	296	236	186	179
1965	32	146	159	160	175	155	171	317	318	278	44	18	165
1966	28	76	106	120	135	144	166	218	214	142	109	74	128
1967	18	102	120	129	141	146	160	252	310	334	179	138	169
1968	43	63	89	105	124	133	143	188	244	187	28	30	115
1969	5	74	94	134	160	160	482	454	50	54	57	26	146
1970	35	71	95	119	143	142	124	266	68	55	52	17	99
1971	37	70	98	113	130	130	222	75	60	65	60	16	90
1972	51	72	101	122	135	176	245	78	56	54	29	6	94
1973	47	66	90	105	123	131	177	470	86	74	52	20	120
Average	43	101	113	126	140	147	180	292	222	165	119	81	144

PROPOSED ACTION**Spanish Fork River below Spanish Fork Diversion Dam - Diversions to Power Canal****Location #7 - Total Diversions****Water Year Monthly Summary****(Acre-Feet)**

7b

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	6,740	5,720	6,550	4,400	6,260	13,800	25,560	20,100	26,450	17,340	14,700	11,430	159,100
1931	5,680	5,000	5,600	4,400	5,200	8,750	13,360	20,060	23,750	18,230	9,860	5,890	125,800
1932	3,210	3,500	5,100	3,400	5,200	4,600	13,000	17,330	19,500	15,210	17,020	7,510	114,600
1933	4,690	4,300	4,700	3,508	2,907	4,914	6,317	14,008	27,054	22,582	14,349	9,305	118,600
1934	4,761	3,237	3,416	3,253	3,400	3,705	5,526	10,416	7,878	6,788	5,793	3,584	61,800
1935	1,723	2,580	2,755	2,790	3,166	3,510	6,325	16,944	20,679	16,374	11,652	10,064	98,600
1936	3,573	2,943	2,760	2,923	3,155	5,755	26,742	30,690	21,006	15,547	11,204	8,492	134,800
1937	6,918	3,699	3,503	3,620	4,967	10,455	22,754	30,690	21,991	17,096	15,160	9,920	150,800
1938	6,291	4,326	4,185	4,126	4,203	9,495	19,877	30,690	26,296	16,536	15,491	8,833	150,300
1939	6,290	4,040	4,580	4,264	3,622	11,701	14,053	20,077	14,079	20,057	13,721	8,597	125,100
1940	4,381	3,495	3,425	3,759	4,499	7,417	17,274	27,183	22,470	13,513	12,019	6,337	125,800
1941	5,252	3,852	3,812	3,776	4,542	5,341	7,630	23,955	17,477	18,324	13,110	10,482	117,600
1942	6,134	4,429	4,343	4,191	3,981	8,237	24,305	25,075	23,912	21,263	15,258	10,095	151,200
1943	6,682	4,901	4,933	4,731	6,158	7,468	11,865	18,270	15,174	19,814	14,677	10,459	125,100
1944	6,426	3,880	3,878	3,461	4,147	6,056	11,367	30,690	20,297	24,754	17,376	11,075	143,400
1945	6,633	4,746	4,085	4,173	5,623	6,063	8,219	28,543	20,379	23,959	10,999	11,889	135,300
1946	7,352	4,639	4,467	4,554	5,020	7,661	22,529	24,460	23,828	20,328	13,550	10,598	149,000
1947	6,849	4,806	4,677	3,890	4,887	9,834	13,445	25,314	13,231	21,943	16,467	12,919	138,300
1948	7,148	3,898	3,723	3,560	4,635	6,351	11,330	28,888	20,013	19,767	14,497	12,416	136,200
1949	5,199	3,866	3,808	3,963	4,092	6,990	15,684	27,386	24,222	20,483	18,741	10,978	145,400
1950	7,783	4,326	3,896	4,520	5,169	7,163	17,468	26,323	27,433	21,104	20,870	15,450	161,500
1951	4,435	5,086	5,209	4,128	4,974	5,852	12,623	22,561	24,709	24,218	17,508	13,119	144,400
1952	6,134	4,019	3,917	4,590	4,655	6,625	29,700	30,690	29,700	26,648	19,690	17,587	184,000
1953	13,504	7,760	8,065	8,049	6,222	8,152	9,967	17,598	27,318	23,466	17,132	11,583	158,800
1954	6,234	4,629	4,425	4,502	4,707	5,281	9,599	17,666	20,436	18,499	17,907	8,089	122,000
1955	4,758	3,513	3,479	3,176	3,148	6,482	8,624	17,836	21,042	25,108	16,904	7,597	121,700
1956	4,207	3,467	4,598	4,713	3,669	6,290	9,670	19,061	21,020	20,155	17,772	8,352	123,000
1957	3,926	3,116	3,560	3,437	5,472	6,583	9,971	28,759	25,098	28,179	20,083	12,909	151,100
1958	7,854	4,374	4,560	4,506	5,359	8,069	16,168	30,690	25,459	23,450	20,762	9,182	160,400
1959	5,952	4,465	4,558	4,637	4,471	5,141	5,167	13,620	22,578	17,565	14,125	7,491	109,800
1960	3,967	2,676	2,690	3,055	3,291	5,602	6,929	16,644	20,127	16,200	12,244	6,286	99,700
1961	3,084	2,830	2,489	2,789	2,801	3,558	2,272	11,006	16,110	11,746	8,050	5,133	71,900
1962	2,508	2,539	2,515	3,057	7,339	6,010	23,440	21,747	18,590	15,684	16,393	7,878	127,700
1963	5,119	3,622	3,062	3,269	4,149	2,639	4,864	16,142	11,778	18,768	13,709	6,918	94,000
1964	4,852	3,172	3,209	3,031	2,408	3,161	7,511	23,447	14,123	26,683	16,448	9,121	117,200
1965	4,350	3,130	3,769	4,399	4,251	5,987	15,386	30,284	25,209	20,306	16,297	10,477	143,800
1966	5,478	4,277	4,120	3,991	4,552	9,063	9,097	18,443	22,733	17,336	16,980	8,145	124,200
1967	5,344	3,279	3,275	3,894	3,646	7,567	7,188	18,353	20,619	27,251	22,925	15,914	139,300
1968	4,688	4,082	3,913	3,848	4,830	6,411	10,451	27,826	25,733	27,906	17,367	15,803	152,900
1969	8,008	4,915	4,588	5,897	4,794	8,928	29,700	30,690	25,666	24,249	24,189	15,065	186,700
1970	7,050	4,122	4,860	5,343	5,294	5,881	7,254	21,450	21,738	23,994	23,455	12,308	142,700
1971	6,691	5,169	4,352	5,207	5,788	9,142	18,219	27,236	22,321	23,864	22,299	6,362	156,700
1972	5,690	5,292	5,034	5,020	5,524	9,812	9,889	23,334	19,528	19,343	17,111	7,552	133,100
1973	4,581	4,491	4,173	3,961	3,997	6,214	16,372	30,690	24,670	21,569	19,072	11,194	151,000
Average	5,600	4,100	4,200	4,100	4,500	6,900	13,500	23,000	21,400	20,300	16,000	10,000	133,700

PROPOSED ACTION

3/17/99

Spanish Fork River below Spanish Fork Diversion Dam - Diversions to Power Canal
 Location #7 - Total Diversions
 Water Year Monthly Summary
 (cfs)

(7b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	110	96	107	72	113	225	430	327	445	283	239	192	220
1931	93	84	91	72	94	143	225	327	400	297	161	99	174
1932	52	59	83	55	91	75	219	282	328	248	277	126	158
1933	76	72	77	57	52	80	106	228	455	368	234	157	164
1934	78	54	56	53	61	60	93	170	133	111	94	60	85
1935	28	43	45	45	57	57	106	276	348	267	190	169	136
1936	58	50	45	48	55	94	450	500	354	253	183	143	186
1937	113	62	57	59	90	170	383	500	370	279	247	167	208
1938	102	73	68	67	76	155	335	500	443	269	252	149	207
1939	102	68	75	69	65	191	237	327	237	327	224	145	172
1940	71	59	56	61	78	121	291	443	378	220	196	107	173
1941	86	65	62	62	82	87	128	390	294	299	214	176	162
1942	100	75	71	68	72	134	409	409	403	346	249	170	209
1943	109	83	80	77	111	122	200	298	255	323	239	176	173
1944	105	65	63	56	72	99	191	500	342	403	283	186	197
1945	108	80	67	68	101	99	138	465	343	390	179	200	187
1946	120	78	73	74	91	125	379	399	401	331	221	178	206
1947	112	81	76	63	88	160	226	412	223	357	268	217	190
1948	116	66	61	58	81	103	191	471	337	322	236	209	188
1949	85	65	62	65	74	114	264	446	408	334	305	185	200
1950	127	73	63	74	93	117	294	429	462	344	340	260	223
1951	72	86	85	67	90	95	213	368	416	395	285	221	199
1952	100	68	64	75	81	108	500	500	500	434	321	296	254
1953	220	131	131	131	112	133	168	287	460	382	279	195	219
1954	102	78	72	73	85	86	162	288	344	301	292	136	168
1955	78	59	57	52	57	106	145	291	354	409	275	128	167
1956	69	58	75	77	64	102	163	311	354	328	290	141	169
1957	64	52	58	56	99	107	168	469	423	459	327	217	208
1958	128	74	74	73	97	131	272	500	429	382	338	155	221
1959	97	75	74	76	81	84	87	222	380	286	230	126	151
1960	65	45	44	50	57	91	117	271	339	264	199	106	137
1961	50	48	41	45	51	58	38	179	271	191	131	86	99
1962	41	43	41	50	132	98	395	354	313	256	267	133	177
1963	83	61	50	53	75	43	82	263	198	306	223	116	130
1964	79	53	52	49	42	51	126	382	238	435	268	154	161
1965	71	53	61	72	77	98	259	493	424	331	266	176	198
1966	89	72	67	65	82	148	153	300	383	282	277	137	171
1967	87	55	53	63	66	123	121	299	347	444	373	268	192
1968	76	69	64	63	84	104	176	453	433	455	283	266	211
1969	130	83	75	96	86	145	500	500	432	395	394	254	258
1970	115	69	79	87	95	96	122	349	366	391	382	207	197
1971	109	87	71	85	104	149	307	444	376	389	363	107	216
1972	93	89	82	82	96	160	166	380	329	315	279	127	183
1973	75	76	68	65	72	101	276	500	415	351	311	188	208
Average	92	69	68	67	81	112	228	375	361	331	261	168	184

PROPOSED ACTION

Spanish Fork River below Spanish Fork Diversion Dam - Diversions to Power Canal
Location #7 - Strawberry Valley Project Water
Water Year Monthly Summary
(Acre-Feet)

(7c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual	
1930	1,560	0	0	0	0	0	2,900	8,000	20,730	14,600	11,750	7,130	66,700	
1931	100	0	0	0	0	0	2,270	13,400	19,870	16,100	8,720	3,640	64,100	
1932	950	0	0	0	0	0	1,800	8,590	11,300	10,900	13,400	5,350	52,300	
1933	1,400	0	0	0	0	0	0	40	12,400	15,980	10,170	5,510	45,500	
1934	1,420	0	0	0	0	0	2,540	7,200	5,550	5,200	3,350	1,920	27,200	
1935	90	0	0	0	0	0	0	110	10,000	12,800	9,000	6,800	38,800	
1936	1,000	0	0	0	0	0	0	4,930	13,480	8,400	7,700	4,790	40,300	
1937	3,130	0	0	0	0	0	3,150	14,500	11,900	10,600	12,300	7,030	62,600	
1938	2,220	0	0	0	0	0	3,500	8,700	18,000	11,000	11,500	5,560	60,500	
1939	2,710	0	0	0	0	0	3,260	12,100	11,700	18,200	11,800	5,830	65,600	
1940	790	0	0	0	0	0	4,880	14,030	18,820	10,800	9,230	2,840	61,400	
1941	1,260	0	0	0	0	0	0	4,110	8,500	13,100	8,300	6,660	41,900	
1942	1,410	0	0	0	0	0	0	420	15,200	15,700	11,320	6,290	50,300	
1943	2,320	0	0	0	0	0	1,720	9,250	6,740	16,000	11,140	7,660	54,800	
1944	2,710	0	0	0	0	0	0	140	7,460	19,500	14,450	7,810	52,100	
1945	2,510	0	0	0	0	0	0	2,300	9,400	19,200	5,670	8,000	47,100	
1946	2,840	0	0	0	0	0	0	9,800	17,830	15,600	9,730	7,700	63,500	
1947	2,110	0	0	0	0	0	0	6,250	5,320	18,200	12,790	9,550	54,200	
1948	3,470	0	0	0	0	0	0	8,000	13,110	18,600	12,610	10,260	66,100	
1949	1,610	0	0	0	0	0	1,110	4,280	15,000	15,700	15,300	7,000	60,000	
1950	3,070	0	0	0	0	0	0	4,200	16,990	14,100	17,300	11,800	67,500	
1951	250	0	0	0	0	0	430	1,320	15,700	20,000	14,690	10,100	62,500	
1952	2,110	0	0	0	0	0	0	0	770	8,700	15,620	11,590	10,900	49,700
1953	6,880	0	0	0	0	0	0	5,900	18,900	19,100	13,100	8,800	72,700	
1954	1,840	0	0	0	0	0	0	1,800	11,110	17,300	16,300	16,200	4,620	69,200
1955	1,590	0	0	0	0	0	0	0	3,510	15,700	21,300	13,140	5,340	60,600
1956	1,250	0	0	0	0	0	0	830	5,360	16,800	16,970	14,900	5,800	61,900
1957	460	0	0	0	0	0	0	0	210	4,840	20,700	15,600	9,360	51,200
1958	2,830	0	0	0	0	0	0	0	620	16,980	18,800	16,700	5,290	61,200
1959	1,350	0	0	0	0	0	0	540	8,720	19,300	14,200	10,950	4,740	59,800
1960	970	0	0	0	0	0	0	590	7,030	17,000	15,430	11,800	3,860	56,700
1961	380	0	0	0	0	0	0	0	7,670	15,550	10,900	5,730	2,500	42,700
1962	100	0	0	0	0	0	0	0	30	9,900	11,850	13,300	4,470	39,700
1963	1,330	0	0	0	0	0	0	0	4,430	5,560	14,500	10,320	3,460	39,600
1964	1,960	0	0	0	0	0	0	0	1,680	4,600	23,040	14,090	6,900	52,300
1965	940	0	0	0	0	0	0	0	10	7,790	12,800	10,640	5,480	37,700
1966	1,180	0	0	0	0	0	0	1,100	6,770	18,400	14,400	13,800	5,230	60,900
1967	1,660	0	0	0	0	0	0	0	10	1,400	20,300	18,100	11,590	53,100
1968	110	0	0	0	0	0	0	0	40	9,500	18,900	10,990	9,250	48,800
1969	2,190	0	0	0	0	0	0	0	2,740	10,910	15,900	17,200	8,630	57,600
1970	1,400	0	0	0	0	0	0	0	50	9,500	18,100	18,800	6,340	54,200
1971	1,310	0	0	0	0	0	0	0	2,080	12,400	19,010	18,900	2,880	56,600
1972	260	0	0	0	0	0	0	0	12,200	13,800	16,300	14,400	3,880	60,800
1973	120	0	0	0	0	0	0	0	20	10,200	17,960	16,300	5,860	50,500
Average	1,600	0	0	0	0	0	740	5,100	12,500	15,700	12,500	6,500	54,600	

PROPOSED ACTION
Spanish Fork River below Spanish Fork Diversion Dam - Diversions to Power Canal
Location #7 - Strawberry Valley Project Water
Water Year Monthly Summary
(cfs)

(7c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	25	0	0	0	0	0	49	130	349	238	191	120	92
1931	2	0	0	0	0	0	38	218	335	262	142	61	88
1932	15	0	0	0	0	0	30	140	190	178	218	90	72
1933	23	0	0	0	0	0	0	1	209	260	166	93	63
1934	23	0	0	0	0	0	43	117	93	85	55	32	37
1935	1	0	0	0	0	0	0	2	168	209	147	114	53
1936	16	0	0	0	0	0	0	80	227	137	125	81	56
1937	51	0	0	0	0	0	53	236	200	173	200	118	86
1938	36	0	0	0	0	0	59	142	303	179	187	94	83
1939	44	0	0	0	0	0	55	197	197	297	192	98	90
1940	13	0	0	0	0	0	82	229	317	176	150	48	85
1941	21	0	0	0	0	0	0	67	143	213	135	112	58
1942	23	0	0	0	0	0	0	7	256	256	184	106	69
1943	38	0	0	0	0	0	29	151	113	261	181	129	75
1944	44	0	0	0	0	0	0	2	126	318	235	131	71
1945	41	0	0	0	0	0	0	37	158	313	92	135	65
1946	46	0	0	0	0	0	0	160	300	254	159	130	87
1947	34	0	0	0	0	0	0	102	90	297	208	161	74
1948	57	0	0	0	0	0	0	130	221	303	205	173	91
1949	26	0	0	0	0	0	19	70	253	256	249	118	83
1950	50	0	0	0	0	0	0	68	286	230	282	199	93
1951	4	0	0	0	0	0	7	22	264	326	239	170	86
1952	34	0	0	0	0	0	0	13	146	254	189	184	68
1953	112	0	0	0	0	0	0	96	318	311	213	148	100
1954	30	0	0	0	0	0	30	181	291	266	264	78	95
1955	26	0	0	0	0	0	0	57	264	347	214	90	83
1956	20	0	0	0	0	0	14	87	283	276	243	98	85
1957	7	0	0	0	0	0	0	3	81	337	254	158	70
1958	46	0	0	0	0	0	0	10	286	306	272	89	84
1959	22	0	0	0	0	0	0	9	142	325	231	178	80
1960	16	0	0	0	0	0	10	115	286	251	192	65	78
1961	6	0	0	0	0	0	0	125	262	178	93	42	59
1962	2	0	0	0	0	0	0	0	167	193	217	75	54
1963	22	0	0	0	0	0	0	72	94	236	168	58	54
1964	32	0	0	0	0	0	0	27	77	375	230	116	71
1965	15	0	0	0	0	0	0	0	131	209	173	92	52
1966	19	0	0	0	0	0	19	110	310	235	225	88	84
1967	27	0	0	0	0	0	0	0	24	331	295	195	73
1968	2	0	0	0	0	0	0	1	160	308	179	156	67
1969	36	0	0	0	0	0	0	45	184	259	280	145	79
1970	23	0	0	0	0	0	0	1	160	295	306	107	74
1971	21	0	0	0	0	0	0	34	209	310	308	48	78
1972	4	0	0	0	0	0	0	199	232	266	235	65	83
1973	2	0	0	0	0	0	0	0	172	293	266	99	69
Average	26	0	0	0	0	0	12	82	210	256	203	109	75

PROPOSED ACTION
Spanish Fork River below Spanish Fork Diversion Dam - Diversions to Power Canal
Location #7 - Bonneville Unit Supplemental Water
Water Year Monthly Summary
(Acre-Feet)

PROPOSED ACTION

3/17/99

Spanish Fork River below Spanish Fork Diversion Dam - Diversions to Power Canal

Location #7 - Bonneville Unit Supplemental Water

Water Year Monthly Summary

(cfs)

7d

PROPOSED ACTION
Spanish Fork River below Spanish Fork Diversion Dam - Diversions to Power Canal
Location #7 - River Water
Water Year Monthly Summary
(Acre-Feet)

(7e)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	5180	5720	6550	4400	6260	13800	22660	12100	5720	2740	2950	4300	92,400
1931	5580	5000	5600	4400	5200	8750	11090	6660	3880	2130	1140	2250	61,700
1932	2260	3500	5100	3400	5200	4600	11200	8740	8200	4310	3620	2160	62,300
1933	3290	4300	4700	3508	2907	4914	6317	13968	14654	6602	4179	3795	73,100
1934	3341	3237	3416	3253	3400	3705	2986	3216	2328	1588	2443	1664	34,600
1935	1633	2580	2755	2790	3166	3510	6325	16834	10679	3574	2652	3264	59,800
1936	2573	2943	2760	2923	3155	5755	26742	25760	7526	7147	3504	3702	94,500
1937	3788	3699	3503	3620	4967	10455	19604	16190	10091	6496	2860	2890	88,200
1938	4071	4326	4185	4126	4203	9495	16377	21990	8296	5536	3991	3273	89,900
1939	3580	4040	4580	4264	3622	11701	10793	7977	2379	1857	1921	2767	59,500
1940	3591	3495	3425	3759	4499	7417	12394	13153	3650	2713	2789	3497	64,400
1941	3992	3852	3812	3776	4542	5341	7630	19845	8977	5224	4810	3822	75,600
1942	4724	4429	4343	4191	3981	8237	24305	24655	8712	5563	3938	3805	100,900
1943	4362	4901	4933	4731	6158	7468	10145	9020	8434	3814	3537	2799	70,300
1944	3716	3880	3878	3461	4147	6056	11367	30550	12837	5254	2926	3265	91,300
1945	4123	4746	4085	4173	5623	6063	8219	26243	10979	4759	5329	3889	88,200
1946	4512	4639	4467	4554	5020	7661	22529	14660	5998	4728	3820	2898	85,500
1947	4739	4806	4677	3890	4887	9834	13445	19064	7911	3743	3677	3369	84,000
1948	3678	3898	3723	3560	4635	6351	11330	20888	6903	1167	1887	2156	70,200
1949	3589	3866	3808	3963	4092	6990	14574	23106	9222	4783	3441	3978	85,400
1950	4713	4326	3896	4520	5169	7163	17468	22123	10443	7004	3570	3650	94,000
1951	4185	5086	5209	4128	4974	5852	12193	21241	9009	4218	2818	3019	81,900
1952	4024	4019	3917	4590	4655	6625	29700	29920	21000	11028	8100	6687	134,300
1953	6624	7760	8065	8049	6222	8152	9967	11698	8418	4366	4032	2783	86,100
1954	4394	4629	4425	4502	4707	5281	7799	6556	3136	2199	1707	3469	52,800
1955	3168	3513	3479	3176	3148	6482	8624	14326	5342	3808	3764	2257	61,100
1956	2957	3467	4598	4713	3669	6290	8840	13701	4220	3185	2872	2552	61,100
1957	3466	3116	3560	3437	5472	6583	9971	28549	20258	7479	4483	3549	99,900
1958	5024	4374	4560	4506	5359	8069	16168	30070	8479	4650	4062	3892	99,200
1959	4602	4465	4558	4637	4471	5141	4627	4900	3278	3365	3175	2751	50,000
1960	2997	2676	2690	3055	3291	5602	6339	9614	3127	770	444	2426	43,000
1961	2704	2830	2489	2789	2801	3558	2272	3336	560	846	2320	2633	29,100
1962	2408	2539	2515	3057	7339	6010	23440	21717	8690	3834	3093	3408	88,100
1963	3789	3622	3062	3269	4149	2639	4864	11712	6218	4268	3389	3458	54,400
1964	2892	3172	3209	3031	2408	3161	7511	21767	9523	3643	2358	2221	64,900
1965	3410	3130	3769	4399	4251	5987	15386	30274	17419	7506	5657	4997	106,200
1966	4298	4277	4120	3991	4552	9063	7997	11673	4333	2936	3180	2915	63,300
1967	3684	3279	3275	3894	3646	7567	7188	18343	19219	6951	4825	4324	86,200
1968	4578	4082	3913	3848	4830	6411	10451	27786	16233	9006	6377	6553	104,100
1969	5818	4915	4588	5897	4794	8928	29700	27950	14756	8349	6989	6435	129,100
1970	5650	4122	4860	5343	5294	5881	7254	21400	12238	5894	4655	5968	88,600
1971	5381	5169	4352	5207	5788	9142	18219	25156	9921	4854	3399	3482	100,100
1972	5430	5292	5034	5020	5524	9812	9889	11134	5728	3043	2711	3672	72,300
1973	4461	4491	4173	3961	3997	6214	16372	30670	14470	3609	2772	5334	100,500
Average	4,000	4,100	4,200	4,100	4,500	6,900	12,800	18,000	8,900	4,600	3,500	3,500	79,100

PROPOSED ACTION
Spanish Fork River below Spanish Fork Diversion Dam - Diversions to Power Canal
Location #7 - River Water
Water Year Monthly Summary
(cfs)

(7e)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	84	96	107	72	113	225	381	197	96	45	48	72	128
1931	91	84	91	72	94	143	187	109	65	35	19	38	86
1932	37	59	83	55	91	75	189	142	138	70	59	36	86
1933	54	72	77	57	52	80	106	228	247	108	68	64	101
1934	54	54	56	53	61	60	50	52	39	26	40	28	48
1935	27	43	45	45	57	57	106	274	180	58	43	55	83
1936	42	50	45	48	55	94	450	420	127	116	57	62	130
1937	62	62	57	59	90	170	330	264	170	106	47	49	122
1938	66	73	68	67	76	155	276	358	140	90	65	55	124
1939	58	68	75	69	65	191	182	130	40	30	31	47	82
1940	59	59	56	61	78	121	209	214	61	44	45	59	89
1941	65	65	62	62	82	87	128	323	151	85	78	64	104
1942	77	75	71	68	72	134	409	402	147	91	64	64	139
1943	71	83	80	77	111	122	171	147	142	62	58	47	98
1944	61	65	63	56	72	99	191	498	216	86	48	55	126
1945	67	80	67	68	101	99	138	428	185	78	87	65	122
1946	74	78	73	74	91	125	379	239	101	77	62	49	118
1947	77	81	76	63	88	160	226	311	133	61	60	57	116
1948	60	66	61	58	81	103	191	340	116	19	31	36	97
1949	58	65	62	65	74	114	245	376	155	78	56	67	118
1950	77	73	63	74	93	117	294	360	176	114	58	61	130
1951	68	86	85	67	90	95	205	346	152	69	46	51	113
1952	66	68	64	75	81	108	500	487	354	180	132	113	186
1953	108	131	131	131	112	133	168	191	142	71	66	47	119
1954	72	78	72	73	85	86	131	107	53	36	28	58	73
1955	52	59	57	52	57	106	145	233	90	62	61	38	84
1956	48	58	75	77	64	102	149	223	71	52	47	43	84
1957	56	52	58	56	99	107	168	465	341	122	73	60	138
1958	82	74	74	73	97	131	272	490	143	76	66	66	137
1959	75	75	74	76	81	84	78	80	55	55	52	46	69
1960	49	45	44	50	57	91	107	157	53	13	7	41	59
1961	44	48	41	45	51	58	38	54	9	14	38	44	40
1962	39	43	41	50	132	98	395	354	146	62	50	57	122
1963	62	61	50	53	75	43	82	191	105	70	55	58	75
1964	47	53	52	49	42	51	126	355	160	59	38	37	89
1965	56	53	61	72	77	98	259	493	293	122	92	84	147
1966	70	72	67	65	82	148	135	190	73	48	52	49	88
1967	60	55	53	63	66	123	121	299	324	113	79	73	119
1968	75	69	64	63	84	104	176	453	273	147	104	110	143
1969	95	83	75	96	86	145	500	455	248	136	114	108	179
1970	92	69	79	87	95	96	122	349	206	96	76	100	122
1971	88	87	71	85	104	149	307	410	167	79	55	59	138
1972	88	89	82	82	96	160	166	181	96	50	44	62	100
1973	73	76	68	65	72	101	276	500	244	59	45	90	139
Average	66	69	68	67	81	112	215	293	151	74	58	60	109

PROPOSED ACTION
Spanish Fork River below Spanish Fork Dam - Strawberry Valley Project Water in Stream
Location #7
Water Year Monthly Summary
(Acre-Feet)

(7f)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual	
1930	140	0	0	0	0	0	1500	1200	3000	2000	1900	670	10,400	
1931	0	0	0	0	0	0	10	1800	2600	2000	880	460	7,800	
1932	150	0	0	0	0	0	0	0	1300	3300	1700	650	7,100	
1933	200	0	0	0	0	0	0	0	1500	2500	1400	620	6,200	
1934	180	0	0	0	0	0	160	1100	650	300	350	280	3,000	
1935	0	0	0	0	0	0	0	0	1600	2100	1400	500	5,600	
1936	0	0	0	0	0	0	0	270	1900	1000	1500	810	5,500	
1937	370	0	0	0	0	0	0	0	1300	1600	1600	870	5,700	
1938	280	0	0	0	0	0	0	0	2700	3200	1100	440	7,700	
1939	390	0	0	0	0	0	0	1300	2100	2100	1300	570	7,800	
1940	130	0	0	0	0	0	0	870	2700	1100	870	60	5,700	
1941	340	0	0	0	0	0	0	0	1700	1500	1200	980	5,700	
1942	290	0	0	0	0	0	0	0	1700	2200	1400	940	6,500	
1943	380	0	0	0	0	0	0	890	760	2500	1600	980	7,100	
1944	390	0	0	0	0	0	0	0	940	3100	1500	920	6,900	
1945	290	0	0	0	0	0	0	50	1000	3000	830	1000	6,200	
1946	360	0	0	0	0	0	0	0	2600	2100	970	1000	7,000	
1947	90	0	0	0	0	0	0	230	580	3200	2100	950	7,200	
1948	230	0	0	0	0	0	0	4000	1300	500	420	360	6,800	
1949	190	0	0	0	0	0	10	0	1500	2200	2100	1300	7,300	
1950	30	0	0	0	0	0	0	130	1300	1200	2000	1100	5,800	
1951	40	0	0	0	0	0	30	110	1800	2800	1900	1200	7,900	
1952	90	0	0	0	0	0	0	0	0	1500	810	1000	3,400	
1953	330	0	0	0	0	0	0	0	1400	2300	2000	1500	7,500	
1954	360	0	0	0	0	0	130	1100	2800	2100	2400	480	9,400	
1955	410	0	0	0	0	0	0	20	2700	3500	1800	1400	9,800	
1956	350	0	0	0	0	0	0	0	2800	2000	2200	1100	8,500	
1957	220	0	0	0	0	0	0	0	660	2700	1900	1400	6,900	
1958	170	0	0	0	0	0	0	20	1600	2400	2200	800	7,200	
1959	350	0	0	0	0	0	0	1700	3200	1500	1400	560	8,700	
1960	430	0	0	0	0	0	0	70	3200	3400	2000	540	9,600	
1961	290	0	0	0	0	0	0	1900	3200	1000	670	200	7,300	
1962	0	0	0	0	0	0	0	0	1600	1700	1700	230	5,200	
1963	70	0	0	0	0	0	0	0	0	840	1700	1800	240	4,700
1964	140	0	0	0	0	0	0	0	0	3700	2100	1200	7,100	
1965	40	0	0	0	0	0	0	0	110	1600	1500	790	4,000	
1966	320	0	0	0	0	0	0	640	3100	1600	1900	470	8,000	
1967	40	0	0	0	0	0	0	0	30	2300	2200	1300	5,900	
1968	0	0	0	0	0	0	0	0	1300	2500	1200	1400	6,400	
1969	110	0	0	0	0	0	0	0	0	490	2100	2900	1100	6,700
1970	200	0	0	0	0	0	0	0	0	880	2400	2700	660	6,800
1971	90	0	0	0	0	0	0	0	0	1100	2900	3100	320	7,500
1972	0	0	0	0	0	0	0	1900	2300	2700	1300	20	8,200	
1973	0	0	0	0	0	0	0	0	0	3000	2500	640	6,100	
Average	190	0	0	0	0	0	40	440	1,600	2,200	1,600	770	6,900	

PROPOSED ACTION

3/17/99

Spanish Fork River below Spanish Fork Dam - Strawberry Valley Project Water in Stream
Location #7
Water Year Monthly Summary
(cfs)

(7f)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	2	0	0	0	0	0	25	20	51	33	31	11	14
1931	0	0	0	0	0	0	0	29	44	33	14	8	11
1932	2	0	0	0	0	0	0	0	22	54	28	11	10
1933	3	0	0	0	0	0	0	0	25	41	23	10	9
1934	3	0	0	0	0	0	3	18	11	5	6	5	4
1935	0	0	0	0	0	0	0	0	27	34	23	8	8
1936	0	0	0	0	0	0	0	4	32	16	24	14	8
1937	6	0	0	0	0	0	0	0	22	26	26	15	8
1938	5	0	0	0	0	0	0	0	45	52	18	7	11
1939	6	0	0	0	0	0	0	21	35	34	21	10	11
1940	2	0	0	0	0	0	0	14	45	18	14	1	8
1941	6	0	0	0	0	0	0	0	29	24	20	16	8
1942	5	0	0	0	0	0	0	0	29	36	23	16	9
1943	6	0	0	0	0	0	0	0	14	13	41	26	16
1944	6	0	0	0	0	0	0	0	16	51	24	15	9
1945	5	0	0	0	0	0	0	0	1	17	49	14	17
1946	6	0	0	0	0	0	0	0	44	34	16	17	10
1947	1	0	0	0	0	0	0	4	10	52	34	16	10
1948	4	0	0	0	0	0	0	65	22	8	7	6	9
1949	3	0	0	0	0	0	0	0	25	36	34	22	10
1950	0	0	0	0	0	0	0	2	22	20	33	19	8
1951	1	0	0	0	0	0	1	2	30	46	31	20	11
1952	1	0	0	0	0	0	0	0	0	24	13	17	5
1953	5	0	0	0	0	0	0	0	24	37	33	25	10
1954	6	0	0	0	0	0	2	18	47	34	39	8	13
1955	7	0	0	0	0	0	0	0	45	57	29	24	14
1956	6	0	0	0	0	0	0	0	47	33	36	19	12
1957	4	0	0	0	0	0	0	0	11	44	31	24	9
1958	3	0	0	0	0	0	0	0	27	39	36	13	10
1959	6	0	0	0	0	0	0	28	54	24	23	9	12
1960	7	0	0	0	0	0	0	1	54	55	33	9	13
1961	5	0	0	0	0	0	0	31	54	16	11	3	10
1962	0	0	0	0	0	0	0	0	27	28	28	4	7
1963	1	0	0	0	0	0	0	0	14	28	29	4	6
1964	2	0	0	0	0	0	0	0	0	60	34	20	10
1965	1	0	0	0	0	0	0	0	2	26	24	13	6
1966	5	0	0	0	0	0	0	10	52	26	31	8	11
1967	1	0	0	0	0	0	0	0	1	37	36	22	8
1968	0	0	0	0	0	0	0	0	22	41	20	24	9
1969	2	0	0	0	0	0	0	0	8	34	47	19	9
1970	3	0	0	0	0	0	0	0	15	39	44	11	9
1971	1	0	0	0	0	0	0	0	19	47	51	5	10
1972	0	0	0	0	0	0	0	31	39	44	21	0	11
1973	0	0	0	0	0	0	0	0	0	49	41	11	8
Average	3	0	0	0	0	0	1	7	27	36	27	13	9

PROPOSED ACTION
Spanish Fork River below Spanish Fork Diversion Dam - Bonneville Unit Water in Stream
Location #7
Water Year Monthly Summary
(Acre-Feet)

(7g)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1283	2643	2613	3363	2603	1776	0	0	0	0	0	0	14,300
1931	2785	4642	8338	10119	9773	9604	4220	2823	1973	2532	8286	4113	69,200
1932	4318	6662	6641	8842	10275	14201	12705	27493	27704	23699	13966	4573	161,100
1933	1508	8501	9102	10223	9257	11184	10071	8755	7252	4654	3030	10891	94,400
1934	5078	5209	7360	6802	6407	9533	5769	3251	0	0	2502	2300	54,200
1935	3610	4174	6705	8336	7995	7408	2786	15263	29214	1036	2119	6721	95,400
1936	7124	8260	7180	9116	9069	9245	16285	30909	23899	15406	9876	1221	147,600
1937	6162	8736	9673	11858	11677	13885	15092	22521	19062	12555	8032	4240	143,500
1938	585	9472	9146	9624	9534	13205	14067	20627	16494	10578	5798	3656	122,800
1939	265	8968	8672	9336	9039	11707	10299	11793	10003	5127	1782	3412	90,400
1940	2265	12462	8543	9322	9586	9339	4769	10513	7671	3842	1994	4181	84,500
1941	3961	6614	8280	9826	9831	11545	9236	13867	14633	9454	5624	3900	106,800
1942	1260	3497	5064	5926	5985	7069	8188	12151	12467	10373	7620	5983	85,600
1943	481	9213	9279	9963	9469	10665	10864	15745	17614	14227	11379	9268	128,200
1944	119	12922	12357	11897	10235	10403	9570	12543	1826	2002	1389	2107	87,400
1945	211	4042	5274	5909	6846	7811	7192	9000	6572	4594	0	0	57,500
1946	241	4803	6470	7231	7169	8356	10817	14067	10955	8502	5830	4724	89,200
1947	788	4505	5413	5971	6205	7628	8427	5386	800	0	0	0	45,100
1948	248	4252	5530	5821	6084	6954	9071	9181	6032	4984	4353	4411	66,900
1949	1323	4181	5901	7169	6670	8566	9981	13505	9813	7820	5951	4684	85,600
1950	184	4495	5663	7114	7502	8785	11261	14468	17837	15459	8265	7325	108,400
1951	2308	4175	6465	7675	7899	8881	12963	17142	9452	7849	2176	2408	89,400
1952	632	4284	5957	7135	7032	8500	1500	2044	102	0	0	0	37,200
1953	259	4031	6184	2809	2499	2509	1526	10	0	0	0	0	19,800
1954	485	4202	5383	6667	7438	8363	6603	8117	6351	4939	4601	4820	68,000
1955	1177	4214	5499	6338	6535	8050	7469	9485	8955	7091	4970	4077	73,900
1956	1661	9288	10338	10850	10725	10519	10107	16359	16502	13267	10066	8089	127,800
1957	2963	8640	9624	10432	11037	11823	10690	13144	17969	15965	12907	10287	135,500
1958	85	2565	3190	4436	5310	7355	8497	18578	10305	8272	6908	6517	82,000
1959	1281	5144	6200	6939	7315	8164	6392	5791	5761	4747	3297	3674	64,700
1960	1865	8607	8835	8848	8478	9473	7960	9557	9043	6922	24127	6278	110,000
1961	6549	9236	5089	6199	6858	8164	7016	4758	1090	3356	5304	3231	66,900
1962	5741	7765	8683	7059	5766	7756	11720	18576	21303	17695	13025	2570	127,700
1963	8449	4338	5927	6705	7467	8732	9072	10691	12483	10239	4981	2121	91,200
1964	6062	4795	6926	7758	7526	8249	8626	13117	19247	14158	12163	9695	118,300
1965	1901	8685	9757	9825	9726	9576	10164	15477	15457	14492	637	0	105,700
1966	1283	4538	6479	7363	7480	8871	7960	10550	9043	6630	4576	3771	78,500
1967	986	6040	7342	7894	7823	8981	9262	12044	16640	16680	8208	6434	108,300
1968	2610	3757	5461	6436	7134	8242	8489	9555	9920	7893	0	0	69,500
1969	78	4419	5770	8239	8820	9863	17817	10135	0	0	0	0	65,100
1970	1893	4202	5853	7328	7951	8736	7377	13156	1332	7	0	0	57,800
1971	2126	4199	6033	6919	7230	8006	12628	805	0	0	0	225	48,200
1972	3099	4262	6193	7513	7763	10792	14207	0	0	0	0	0	53,800
1973	2887	3924	5548	6463	6817	8066	10543	3045	1508	0	0	0	48,800
Average	2,300	6,000	7,000	7,800	7,800	9,000	9,100	11,300	9,900	7,200	5,100	3,700	86,100

PROPOSED ACTION

3/17/99

Spanish Fork River below Spanish Fork Diversion Dam - Bonneville Unit Water in Stream

Location #7

Water Year Monthly Summary
(cfs)

7g

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	21	44	43	55	47	29	0	0	0	0	0	0	20
1931	45	78	136	165	176	156	71	46	33	41	135	69	96
1932	70	112	108	144	179	231	214	448	466	386	228	77	222
1933	25	143	148	167	167	182	170	143	122	76	49	183	131
1934	83	88	120	111	116	155	97	53	0	0	41	39	75
1935	59	70	109	136	144	121	47	249	492	17	35	113	133
1936	116	139	117	149	158	151	274	504	402	251	161	21	203
1937	100	147	158	193	211	226	254	367	321	205	131	71	199
1938	10	159	149	157	172	215	237	336	278	172	94	62	170
1939	4	151	141	152	163	191	173	192	168	84	29	57	126
1940	37	210	139	152	167	152	80	171	129	63	32	70	117
1941	65	111	135	160	177	188	155	226	246	154	92	66	148
1942	21	59	83	97	108	115	138	198	210	169	124	101	118
1943	8	155	151	162	171	174	183	257	297	232	185	156	178
1944	2	218	201	194	178	169	161	204	31	33	23	35	121
1945	3	68	86	96	123	127	121	147	111	75	0	0	80
1946	4	81	105	118	129	136	182	229	184	139	95	80	124
1947	13	76	88	97	112	124	142	88	13	0	0	0	63
1948	4	72	90	95	106	113	153	150	102	81	71	74	93
1949	22	70	96	117	120	140	168	220	165	127	97	79	118
1950	3	76	92	116	135	143	190	236	300	252	135	123	150
1951	38	70	105	125	142	145	218	279	159	128	35	41	124
1952	10	72	97	116	122	138	25	33	2	0	0	0	51
1953	4	68	101	46	45	41	26	0	0	0	0	0	28
1954	8	71	88	109	134	136	111	132	107	80	75	81	94
1955	19	71	90	103	118	131	126	155	151	116	81	69	102
1956	27	156	168	177	187	171	170	267	278	216	164	136	176
1957	48	145	157	170	199	193	180	214	303	260	210	173	188
1958	1	43	52	72	96	120	143	303	173	135	113	110	113
1959	21	87	101	113	132	133	108	94	97	77	54	62	90
1960	30	145	144	144	148	154	134	156	152	113	393	106	152
1961	107	155	83	101	124	133	118	78	18	55	86	54	93
1962	94	131	141	115	104	126	197	303	359	288	212	43	176
1963	138	73	97	109	135	142	153	174	210	167	81	36	126
1964	99	81	113	126	131	134	145	214	324	231	198	163	163
1965	31	146	159	160	175	156	171	252	260	236	10	0	146
1966	21	76	106	120	135	145	134	172	152	108	75	63	109
1967	16	102	120	129	141	146	156	196	280	272	134	108	150
1968	43	63	89	105	124	134	143	156	167	129	0	0	96
1969	1	74	94	134	159	161	300	165	0	0	0	0	91
1970	31	71	95	119	143	142	124	214	22	0	0	0	80
1971	35	71	98	113	130	130	213	13	0	0	0	4	67
1972	50	72	101	122	135	176	239	0	0	0	0	0	75
1973	47	66	90	105	123	131	177	50	25	0	0	0	68
Average	37	101	113	126	140	147	153	184	166	117	84	62	119

PROPOSED ACTION
Spanish Fork River below Spanish Fork Diversion Dam - River Water
Location #7
Water Year Monthly Summary
(Acre-Feet)

(7h)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual	
1930	20	0	0	0	40	0	0	2300	680	460	450	400	4,400	
1931	20	0	0	0	0	0	310	940	420	270	360	250	2,600	
1932	140	0	0	0	0	0	1500	4260	2100	690	580	440	9,700	
1933	110	0	0	0	0	0	450	3300	2800	730	510	180	8,100	
1934	110	0	0	0	0	0	530	380	250	240	340	290	2,100	
1935	130	0	0	0	0	0	1680	2560	2570	370	380	240	7,900	
1936	260	0	0	0	0	0	720	7948	1760	690	460	420	12,300	
1937	190	0	0	0	0	0	0	24349	2400	900	570	420	28,800	
1938	210	0	0	0	0	0	490	6518	2200	610	560	450	11,000	
1939	230	0	0	0	0	0	1050	1550	640	180	280	170	4,100	
1940	130	0	0	0	0	0	540	2550	630	280	310	320	4,800	
1941	130	0	0	0	0	0	0	3820	1600	530	530	390	7,000	
1942	230	0	0	0	0	0	0	2340	2300	650	450	400	6,400	
1943	210	0	0	0	40	0	1740	1930	2000	570	360	170	7,000	
1944	160	0	0	0	0	0	0	4452	2500	810	380	370	8,700	
1945	210	0	0	0	0	0	0	1200	2000	650	740	430	5,200	
1946	240	0	0	0	0	0	160	3030	1260	550	470	350	6,100	
1947	170	0	0	0	0	0	390	4250	950	470	480	400	7,100	
1948	200	0	0	0	0	0	0	0	1720	2700	1460	1040	7,100	
1949	150	0	0	0	0	0	1240	2960	2300	680	490	360	8,200	
1950	230	0	0	0	0	0	390	2460	2880	930	590	410	7,900	
1951	480	0	0	0	40	0	950	2260	1900	490	460	340	6,900	
1952	220	0	0	0	0	0	33019	84606	11076	2590	1940	1000	134,500	
1953	1140	0	0	0	40	0	0	2060	2130	650	540	360	6,900	
1954	240	0	0	0	0	0	760	1520	460	370	360	280	4,000	
1955	190	0	0	0	0	0	0	2600	1100	570	470	290	5,200	
1956	190	0	0	0	0	0	1400	2730	900	310	480	190	6,200	
1957	180	0	0	0	40	0	0	1600	2980	890	770	490	7,000	
1958	240	0	0	0	40	0	0	10483	2480	650	440	410	14,700	
1959	230	0	0	0	0	0	390	600	390	360	310	210	2,500	
1960	40	0	0	0	0	0	1180	2200	470	420	290	170	4,800	
1961	70	0	0	0	0	0	1100	420	180	250	250	140	2,400	
1962	0	0	0	0	0	0	80	4600	730	460	420	260	6,600	
1963	90	0	0	0	40	1300	610	2360	830	260	250	160	5,900	
1964	40	0	0	0	0	0	0	1860	1800	230	230	160	4,300	
1965	30	0	0	0	0	0	0	4000	3320	1000	530	330	9,200	
1966	120	0	0	0	0	0	1900	2180	570	490	230	150	5,600	
1967	50	0	0	0	0	0	260	3400	1760	1500	570	430	8,000	
1968	20	0	0	0	0	0	0	2000	3200	1100	530	430	7,300	
1969	90	0	0	0	40	0	10826	17682	2501	1200	581	364	33,300	
1970	60	0	0	0	0	0	0	0	3200	1785	987	507	363	6,900
1971	40	0	0	0	0	0	580	3760	2380	1122	584	425	8,900	
1972	20	0	0	0	0	0	340	2910	1056	611	373	360	5,700	
1973	20	0	0	0	0	0	0	0	25784	3608	1523	715	546	32,200
Average	170	0	0	0	10	30	1,500	6,100	1,900	730	510	360	11,300	

PROPOSED ACTION
Spanish Fork River below Spanish Fork Diversion Dam - River Water
Location #7
Water Year Monthly Summary
(cfs)

3/17/99

7h

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	0	0	0	0	1	0	0	37	11	7	7	7	6
1931	0	0	0	0	0	0	5	15	7	4	6	4	4
1932	2	0	0	0	0	0	25	69	35	11	9	7	13
1933	2	0	0	0	0	0	8	54	47	12	8	3	11
1934	2	0	0	0	0	0	9	6	4	4	6	5	3
1935	2	0	0	0	0	0	28	42	43	6	6	4	11
1936	4	0	0	0	0	0	12	129	30	11	7	7	17
1937	3	0	0	0	0	0	0	397	40	15	9	7	39
1938	3	0	0	0	0	0	8	106	37	10	9	8	15
1939	4	0	0	0	0	0	18	25	11	3	5	3	6
1940	2	0	0	0	0	0	9	42	11	5	5	5	7
1941	2	0	0	0	0	0	0	62	27	9	9	7	10
1942	4	0	0	0	0	0	0	38	39	11	7	7	9
1943	3	0	0	0	1	0	29	31	34	9	6	3	10
1944	3	0	0	0	0	0	0	73	42	13	6	6	12
1945	3	0	0	0	0	0	0	20	34	11	12	7	7
1946	4	0	0	0	0	0	3	49	21	9	8	6	8
1947	3	0	0	0	0	0	0	7	69	16	8	8	10
1948	3	0	0	0	0	0	0	0	29	44	24	18	10
1949	2	0	0	0	0	0	21	48	39	11	8	6	11
1950	4	0	0	0	0	0	0	7	40	48	15	10	7
1951	8	0	0	0	1	0	16	37	32	8	7	6	10
1952	4	0	0	0	0	0	0	556	1,378	186	42	32	17
1953	19	0	0	0	1	0	0	34	36	11	9	6	10
1954	4	0	0	0	0	0	13	25	8	6	6	5	5
1955	3	0	0	0	0	0	0	42	19	9	8	5	7
1956	3	0	0	0	0	0	24	44	15	5	8	3	9
1957	3	0	0	0	1	0	0	26	50	14	13	8	10
1958	4	0	0	0	1	0	0	171	42	11	7	7	20
1959	4	0	0	0	0	0	7	10	7	6	5	4	3
1960	1	0	0	0	0	0	20	36	8	7	5	3	7
1961	1	0	0	0	0	0	19	7	3	4	4	2	3
1962	0	0	0	0	0	0	1	75	12	7	7	4	9
1963	1	0	0	0	1	21	10	38	14	4	4	3	8
1964	1	0	0	0	0	0	0	30	30	4	4	3	6
1965	0	0	0	0	0	0	0	65	56	16	9	6	13
1966	2	0	0	0	0	0	32	36	10	8	4	3	8
1967	1	0	0	0	0	0	4	55	30	24	9	7	11
1968	0	0	0	0	0	0	0	33	54	18	9	7	10
1969	1	0	0	0	1	0	182	288	42	20	9	6	46
1970	1	0	0	0	0	0	0	52	30	16	8	6	9
1971	1	0	0	0	0	0	10	61	40	18	10	7	12
1972	0	0	0	0	0	0	6	47	18	10	6	6	8
1973	0	0	0	0	0	0	0	420	61	25	12	9	44
Average	3	0	0	0	0	0	25	99	32	12	8	6	15

PROPOSED ACTION
Spanish Fork River below East Bench Diversion Dam - Total Flow
Location #8
Water Year Monthly Summary
(Acre-Feet)

(8a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1,303	2,623	2,563	3,363	2,643	1,776	40	0	0	100	50	0	14,500
1931	2,805	4,642	8,338	10,119	9,773	9,554	4,210	2,923	1,943	2,532	8,386	4,113	69,300
1932	4,318	6,662	6,641	8,842	10,275	14,201	12,705	27,463	27,704	23,809	14,066	4,573	161,300
1933	1,508	8,501	9,102	10,223	9,257	11,184	10,051	8,755	7,252	4,734	3,100	10,891	94,600
1934	5,078	5,209	7,360	6,802	6,407	9,533	5,769	3,351	0	0	2,602	2,300	54,400
1935	3,610	4,174	6,705	8,336	7,995	7,408	2,766	20,569	23,838	1,136	2,219	6,721	95,500
1936	7,124	8,260	7,180	9,116	9,069	9,245	19,255	34,357	20,909	15,406	9,976	1,221	151,100
1937	6,182	8,736	9,673	11,858	11,677	13,835	15,696	41,756	19,062	12,555	8,132	4,280	163,400
1938	605	9,472	9,146	9,624	9,534	13,155	14,067	24,645	16,494	10,578	5,898	3,656	126,900
1939	285	8,968	8,672	9,336	9,039	11,657	10,289	11,843	10,003	5,127	1,882	3,412	90,500
1940	2,285	12,462	8,543	9,322	9,586	9,289	4,759	10,463	7,671	3,842	2,094	4,181	84,500
1941	3,961	6,614	8,280	9,826	9,831	11,545	9,236	13,877	14,633	9,454	5,724	3,900	106,900
1942	1,280	3,497	5,064	5,926	5,985	7,069	8,188	12,091	12,467	10,473	7,640	5,983	85,700
1943	501	9,213	9,279	9,963	9,509	10,615	10,884	15,735	17,614	14,327	11,419	9,268	128,300
1944	119	12,922	12,357	11,897	10,235	10,403	9,570	15,795	1,826	2,102	1,439	2,107	90,800
1945	231	4,042	5,274	5,909	6,846	7,811	7,192	8,950	6,572	4,694	100	50	57,700
1946	261	4,803	6,470	7,231	7,169	8,306	10,817	13,997	10,985	8,602	5,930	4,724	89,300
1947	808	4,505	5,413	5,971	6,205	7,578	8,427	5,356	800	0	70	10	45,100
1948	268	4,252	5,530	5,821	6,084	6,954	9,071	9,181	6,042	5,084	4,383	4,431	67,100
1949	1,343	4,181	5,901	7,169	6,670	8,566	10,001	13,485	9,813	7,920	6,021	4,654	85,700
1950	204	4,475	5,663	7,114	7,502	8,735	11,261	14,398	17,827	15,459	8,385	7,325	108,300
1951	2,328	4,155	6,465	7,675	7,939	8,831	12,933	17,072	9,452	7,849	2,246	2,408	89,400
1952	652	4,264	5,957	7,135	7,022	8,450	34,519	84,350	6,278	70	40	0	158,700
1953	289	4,011	6,134	2,759	2,539	2,459	1,526	0	0	100	80	0	19,900
1954	505	4,182	5,383	6,667	7,438	8,363	6,593	8,227	6,351	5,039	4,711	4,820	68,300
1955	1,197	4,214	5,499	6,338	6,535	8,050	7,449	9,455	8,955	7,161	5,040	4,087	74,000
1956	1,661	9,288	10,338	10,850	10,725	10,469	10,107	16,329	16,502	13,237	10,166	8,089	127,800
1957	2,983	8,640	9,624	10,432	11,077	11,823	10,690	13,144	17,949	15,965	13,017	10,247	135,600
1958	105	2,545	3,190	4,436	5,350	7,305	8,497	24,871	10,305	8,372	6,948	6,507	88,400
1959	1,301	5,144	6,200	6,939	7,315	8,164	6,372	5,811	5,761	4,847	3,347	3,674	64,900
1960	1,865	8,607	8,835	8,848	8,468	9,473	7,940	9,657	9,043	6,952	24,227	6,278	110,200
1961	6,569	9,236	5,089	6,199	6,858	8,164	7,016	4,828	1,140	3,456	5,404	3,231	67,200
1962	5,741	7,765	8,683	7,059	5,766	7,756	11,720	18,576	21,253	17,645	13,095	2,570	127,600
1963	8,469	4,338	5,927	6,705	7,507	8,732	9,052	10,621	12,483	10,239	5,001	2,121	91,200
1964	6,082	4,795	6,926	7,758	7,526	8,249	8,606	13,097	19,247	14,098	12,253	9,695	118,300
1965	1,921	8,685	9,757	9,825	9,726	9,526	10,164	15,477	15,477	14,492	697	0	105,700
1966	1,303	4,518	6,479	7,363	7,480	8,821	7,960	10,520	9,043	6,730	4,626	3,771	78,600
1967	1,006	6,040	7,342	7,894	7,823	8,931	9,242	12,044	16,670	16,780	8,258	6,424	108,500
1968	2,630	3,757	5,461	6,436	7,124	8,192	8,489	9,555	9,920	7,893	40	0	69,500
1969	98	4,419	5,770	8,239	8,860	9,813	28,603	22,677	1	100	71	14	88,700
1970	1,893	4,202	5,853	7,328	7,951	8,736	7,357	13,156	1,337	4	17	3	57,800
1971	2,126	4,179	6,033	6,919	7,230	7,956	12,628	785	0	12	54	230	48,200
1972	3,099	4,262	6,193	7,513	7,753	10,792	14,187	10	0	101	63	0	54,000
1973	2,907	3,924	5,548	6,463	6,817	8,066	10,543	25,829	1,516	63	85	0	71,800
Average	2,300	6,000	7,000	7,800	7,800	9,000	10,100	14,900	9,800	7,300	5,200	3,700	90,800

PROPOSED ACTION

3/17/99

Spanish Fork River below East Bench Diversion Dam - Total Flow

Location #8

Water Year Monthly Summary
(cfs)

8a

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	21	44	42	55	48	29	1	0	0	2	1	0	20
1931	46	78	136	165	176	156	71	48	33	41	137	69	96
1932	70	112	108	144	179	231	214	447	466	388	229	77	222
1933	25	143	148	167	167	182	169	143	122	77	51	183	131
1934	83	88	120	111	116	155	97	55	0	0	42	39	75
1935	59	70	109	136	144	121	47	335	401	19	36	113	132
1936	116	139	117	149	158	151	324	560	352	251	163	21	208
1937	101	147	158	193	211	225	264	680	321	205	132	72	226
1938	10	159	149	157	172	214	237	402	278	172	96	62	176
1939	5	151	141	152	163	190	173	193	168	84	31	57	126
1940	37	210	139	152	167	151	80	170	129	63	34	70	117
1941	65	111	135	160	177	188	155	226	246	154	93	66	148
1942	21	59	83	97	108	115	138	197	210	171	124	101	119
1943	8	155	151	162	172	173	183	256	297	233	186	156	178
1944	2	218	201	194	178	169	161	257	31	34	23	35	125
1945	4	68	86	96	123	127	121	146	111	76	2	1	80
1946	4	81	105	118	129	135	182	228	185	140	97	80	124
1947	13	76	88	97	112	123	142	87	13	0	1	0	63
1948	4	72	90	95	106	113	153	150	102	83	71	75	93
1949	22	70	96	117	120	140	168	220	165	129	98	78	119
1950	3	75	92	116	135	142	190	235	300	252	137	123	150
1951	38	70	105	125	143	144	218	278	159	128	37	41	124
1952	11	72	97	116	122	138	581	1,374	106	1	1	0	218
1953	5	68	100	45	46	40	26	0	0	2	1	0	28
1954	8	70	88	109	134	136	111	134	107	82	77	81	95
1955	20	71	90	103	118	131	125	154	151	117	82	69	103
1956	27	156	168	177	187	171	170	266	278	216	166	136	176
1957	49	145	157	170	200	193	180	214	302	260	212	173	188
1958	2	43	52	72	97	119	143	405	173	136	113	110	122
1959	21	87	101	113	132	133	107	95	97	79	55	62	90
1960	30	145	144	144	147	154	134	157	152	113	395	106	152
1961	107	155	83	101	124	133	118	79	19	56	88	54	93
1962	94	131	141	115	104	126	197	303	358	287	213	43	176
1963	138	73	97	109	135	142	152	173	210	167	81	36	126
1964	99	81	113	126	131	134	145	213	324	230	200	163	163
1965	31	146	159	160	175	155	171	252	261	236	11	0	147
1966	21	76	106	120	135	144	134	171	152	110	75	63	109
1967	16	102	120	129	141	146	156	196	281	273	135	108	150
1968	43	63	89	105	124	133	143	156	167	129	1	0	96
1969	2	74	94	134	160	160	482	369	0	2	1	0	123
1970	31	71	95	119	143	142	124	214	23	0	0	0	80
1971	35	70	98	113	130	130	213	13	0	0	1	4	67
1972	50	72	101	122	135	176	239	0	0	2	1	0	75
1973	47	66	90	105	123	131	177	421	26	1	1	0	99
Average	37	101	113	126	140	146	171	243	165	118	85	62	126

PROPOSED ACTION
Spanish Fork River below East Bench Diversion Dam - Flow Gains
Location #8
Water Year Monthly Summary
(Acre-Feet)

8b

PROPOSED ACTION
Spanish Fork River below East Bench Diversion Dam - Flow Gains
Location #8
Water Year Monthly Summary
(cfs)

3/17/99

PROPOSED ACTION
Spanish Fork River below East Bench Diversion Dam - Total Diversions
Location #8
Water Year Monthly Summary
(Acre-Feet)

(8c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	140	0	0	0	0	0	1,700	3,500	3,650	2,360	2,350	1,070	14,800
1931	0	0	0	0	0	0	350	2,640	2,980	2,270	1,140	710	10,100
1932	290	0	0	0	0	0	1,500	4,300	3,400	3,880	2,180	1,090	16,600
1933	310	0	0	0	0	0	470	3,300	4,900	3,070	1,770	870	14,700
1934	290	0	0	0	0	0	690	1,380	900	540	590	570	5,000
1935	130	0	0	0	0	0	1,700	2,600	4,200	2,370	1,680	740	13,400
1936	260	0	0	0	0	0	720	4,770	3,700	1,690	1,860	1,230	14,200
1937	540	0	0	0	0	0	0	4,500	3,700	2,500	2,070	1,250	14,600
1938	470	0	0	0	0	0	490	2,500	4,900	3,810	1,560	890	14,600
1939	600	0	0	0	0	0	1,000	2,800	2,740	2,280	1,480	740	11,600
1940	240	0	0	0	0	0	470	3,570	3,310	1,380	1,080	380	10,400
1941	470	0	0	0	0	0	0	3,900	3,300	2,030	1,630	1,330	12,700
1942	500	0	0	0	0	0	0	2,400	4,000	2,750	1,810	1,310	12,800
1943	570	0	0	0	0	0	1,700	2,790	2,760	2,970	1,980	1,210	14,000
1944	550	0	0	0	0	0	0	1,200	3,440	3,810	1,880	1,260	12,100
1945	480	0	0	0	0	0	0	1,350	3,000	3,550	1,470	1,380	11,200
1946	580	0	0	0	0	0	160	3,100	3,800	2,550	1,340	1,350	12,900
1947	240	0	0	0	0	0	390	4,430	1,530	3,670	2,520	1,340	14,100
1948	410	0	0	0	0	0	0	4,200	3,000	3,100	1,820	1,360	13,900
1949	320	0	0	0	0	0	1,210	3,000	3,800	2,780	2,520	1,690	15,300
1950	240	0	0	0	0	0	390	2,630	4,200	2,130	2,470	1,510	13,600
1951	500	0	0	0	0	0	1,010	2,510	3,700	3,290	2,300	1,540	14,900
1952	290	0	0	0	0	0	0	2,300	4,800	4,100	2,710	2,000	16,200
1953	1,430	0	0	0	0	0	0	2,100	3,600	2,850	2,460	1,860	14,300
1954	580	0	0	0	0	0	870	2,500	3,260	2,370	2,550	760	12,900
1955	580	0	0	0	0	0	0	2,720	3,800	3,900	2,160	1,740	14,900
1956	540	0	0	0	0	0	1,400	2,800	3,700	2,370	2,480	1,290	14,600
1957	380	0	0	0	0	0	0	1,600	3,660	3,590	2,460	1,870	13,600
1958	390	0	0	0	0	0	0	4,220	4,100	2,950	2,600	1,230	15,500
1959	560	0	0	0	0	0	410	2,260	3,590	1,760	1,610	770	11,000
1960	470	0	0	0	0	0	1,200	2,170	3,670	3,760	2,190	710	14,200
1961	340	0	0	0	0	0	1,100	2,280	3,380	1,150	820	340	9,400
1962	0	0	0	0	0	0	80	4,600	2,480	2,160	2,050	490	11,900
1963	140	0	0	0	0	1,300	630	2,500	1,670	1,960	2,010	400	10,600
1964	160	0	0	0	0	0	0	1,900	1,800	4,050	2,250	1,360	11,500
1965	50	0	0	0	0	0	0	4,000	3,410	2,600	2,030	1,080	13,200
1966	420	0	0	0	0	0	1,900	2,840	3,670	1,990	2,080	620	13,500
1967	70	0	0	0	0	0	280	3,400	1,730	3,700	2,720	1,750	13,700
1968	0	0	0	0	0	0	0	2,000	4,600	3,600	1,700	1,810	13,700
1969	180	0	0	0	0	0	40	5,200	2,990	3,200	3,410	1,520	16,500
1970	260	0	0	0	0	0	0	3,200	2,680	3,390	3,190	1,020	13,700
1971	130	0	0	0	0	0	580	3,800	3,600	4,000	3,630	740	16,500
1972	20	0	0	0	0	0	360	4,800	3,500	3,210	1,710	380	14,000
1973	0	0	0	0	0	0	0	3,000	3,600	4,500	3,130	1,190	15,400
Average	340	0	0	0	0	30	520	3,000	3,400	2,900	2,100	1,100	13,400

PROPOSED ACTION
Spanish Fork River below East Bench Diversion Dam - Total Diversions
Location #8
Water Year Monthly Summary
(cfs)

(8c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	2	0	0	0	0	0	29	57	61	38	38	18	20
1931	0	0	0	0	0	0	6	43	50	37	19	12	14
1932	5	0	0	0	0	0	25	70	57	63	36	18	23
1933	5	0	0	0	0	0	8	54	82	50	29	15	20
1934	5	0	0	0	0	0	12	22	15	9	10	10	7
1935	2	0	0	0	0	0	29	42	71	39	27	12	19
1936	4	0	0	0	0	0	12	78	62	28	30	21	20
1937	9	0	0	0	0	0	0	73	62	41	34	21	20
1938	8	0	0	0	0	0	8	41	82	62	25	15	20
1939	10	0	0	0	0	0	17	46	46	37	24	12	16
1940	4	0	0	0	0	0	8	58	56	22	18	6	14
1941	8	0	0	0	0	0	0	64	56	33	27	22	17
1942	8	0	0	0	0	0	0	39	67	45	29	22	18
1943	9	0	0	0	0	0	29	45	46	48	32	20	19
1944	9	0	0	0	0	0	0	20	58	62	31	21	17
1945	8	0	0	0	0	0	0	22	51	58	24	23	15
1946	9	0	0	0	0	0	3	51	64	42	22	23	18
1947	4	0	0	0	0	0	7	72	26	60	41	23	19
1948	7	0	0	0	0	0	0	68	51	51	30	23	19
1949	5	0	0	0	0	0	20	49	64	45	41	28	21
1950	4	0	0	0	0	0	7	43	71	35	40	25	19
1951	8	0	0	0	0	0	17	41	62	54	37	26	20
1952	5	0	0	0	0	0	0	37	81	67	44	34	22
1953	23	0	0	0	0	0	0	34	61	46	40	31	20
1954	9	0	0	0	0	0	15	41	55	39	42	13	18
1955	9	0	0	0	0	0	0	44	64	64	35	29	20
1956	9	0	0	0	0	0	24	46	62	39	40	22	20
1957	6	0	0	0	0	0	0	26	62	58	40	31	19
1958	6	0	0	0	0	0	0	69	69	48	42	21	21
1959	9	0	0	0	0	0	7	37	60	29	26	13	15
1960	8	0	0	0	0	0	20	35	62	61	36	12	19
1961	6	0	0	0	0	0	19	37	57	19	13	6	13
1962	0	0	0	0	0	0	1	75	42	35	33	8	16
1963	2	0	0	0	0	21	11	41	28	32	33	7	15
1964	3	0	0	0	0	0	0	31	30	66	37	23	16
1965	1	0	0	0	0	0	0	65	57	42	33	18	18
1966	7	0	0	0	0	0	32	46	62	32	34	10	19
1967	1	0	0	0	0	0	5	55	29	60	44	29	19
1968	0	0	0	0	0	0	0	33	77	59	28	30	19
1969	3	0	0	0	0	0	1	85	50	52	56	26	23
1970	4	0	0	0	0	0	0	52	45	55	52	17	19
1971	2	0	0	0	0	0	10	62	61	65	59	12	23
1972	0	0	0	0	0	0	6	78	59	52	28	6	19
1973	0	0	0	0	0	0	0	49	61	73	51	20	21
Average	6	0	0	0	0	0	9	49	57	47	34	19	18

PROPOSED ACTION
Spanish Fork River below East Bench Diversion Dam
Location #8 - Strawberry Valley Project Diversions
Water Year Monthly Summary
(Acre-Feet)

(8d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	140	0	0	0	0	0	1500	1200	3000	2000	1900	670	10,400
1931	0	0	0	0	0	0	10	1800	2600	2000	880	460	7,800
1932	150	0	0	0	0	0	0	0	1300	3300	1700	650	7,100
1933	200	0	0	0	0	0	0	0	1500	2500	1400	620	6,200
1934	180	0	0	0	0	0	160	1100	650	300	350	280	3,000
1935	0	0	0	0	0	0	0	0	1600	2100	1400	500	5,600
1936	0	0	0	0	0	0	0	270	1900	1000	1500	810	5,500
1937	370	0	0	0	0	0	0	0	1300	1600	1600	870	5,700
1938	280	0	0	0	0	0	0	0	2700	3200	1100	440	7,700
1939	390	0	0	0	0	0	0	1300	2100	2100	1300	570	7,800
1940	130	0	0	0	0	0	0	870	2700	1100	870	60	5,700
1941	340	0	0	0	0	0	0	0	1700	1500	1200	980	5,700
1942	290	0	0	0	0	0	0	0	1700	2200	1400	940	6,500
1943	380	0	0	0	0	0	0	890	760	2500	1600	980	7,100
1944	390	0	0	0	0	0	0	0	940	3100	1500	920	6,900
1945	290	0	0	0	0	0	0	50	1000	3000	830	1000	6,200
1946	360	0	0	0	0	0	0	0	2600	2100	970	1000	7,000
1947	90	0	0	0	0	0	0	230	580	3200	2100	950	7,200
1948	230	0	0	0	0	0	0	4000	1300	500	420	360	6,800
1949	190	0	0	0	0	0	10	0	1500	2200	2100	1300	7,300
1950	30	0	0	0	0	0	0	130	1300	1200	2000	1100	5,800
1951	40	0	0	0	0	0	30	110	1800	2800	1900	1200	7,900
1952	90	0	0	0	0	0	0	0	0	1500	810	1000	3,400
1953	330	0	0	0	0	0	0	0	1400	2300	2000	1500	7,500
1954	360	0	0	0	0	0	130	1100	2800	2100	2400	480	9,400
1955	410	0	0	0	0	0	0	20	2700	3500	1800	1400	9,800
1956	350	0	0	0	0	0	0	0	2800	2000	2200	1100	8,500
1957	220	0	0	0	0	0	0	0	660	2700	1900	1400	6,900
1958	170	0	0	0	0	0	0	20	1600	2400	2200	800	7,200
1959	350	0	0	0	0	0	0	1700	3200	1500	1400	560	8,700
1960	430	0	0	0	0	0	0	70	3200	3400	2000	540	9,600
1961	290	0	0	0	0	0	0	1900	3200	1000	670	200	7,300
1962	0	0	0	0	0	0	0	0	1600	1700	1700	230	5,200
1963	70	0	0	0	0	0	0	0	840	1700	1800	240	4,700
1964	140	0	0	0	0	0	0	0	0	3700	2100	1200	7,100
1965	40	0	0	0	0	0	0	0	110	1600	1500	760	4,000
1966	320	0	0	0	0	0	0	640	3100	1600	1900	470	8,000
1967	40	0	0	0	0	0	0	0	30	2300	2200	1300	5,900
1968	0	0	0	0	0	0	0	0	1300	2500	1200	1400	6,400
1969	110	0	0	0	0	0	0	0	490	2100	2900	1100	6,700
1970	200	0	0	0	0	0	0	0	880	2400	2700	660	6,800
1971	90	0	0	0	0	0	0	0	1100	2900	3100	320	7,500
1972	0	0	0	0	0	0	0	1900	2300	2700	1300	20	8,200
1973	0	0	0	0	0	0	0	0	0	3000	2500	640	6,100
Average	190	0	0	0	0	0	40	440	1,600	2,200	1,600	770	6,900

PROPOSED ACTION**Spanish Fork River below East Bench Diversion Dam****Location #8 - Strawberry Valley Project Diversions****Water Year Monthly Summary****(cfs)**

8d

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	2	0	0	0	0	0	25	20	51	33	31	11	14
1931	0	0	0	0	0	0	0	29	44	33	14	8	11
1932	2	0	0	0	0	0	0	0	22	54	28	11	10
1933	3	0	0	0	0	0	0	0	25	41	23	10	9
1934	3	0	0	0	0	0	3	18	11	5	6	5	4
1935	0	0	0	0	0	0	0	0	27	34	23	8	8
1936	0	0	0	0	0	0	0	4	32	16	24	14	8
1937	6	0	0	0	0	0	0	0	22	26	26	15	8
1938	5	0	0	0	0	0	0	0	45	52	18	7	11
1939	6	0	0	0	0	0	0	21	35	34	21	10	11
1940	2	0	0	0	0	0	0	14	45	18	14	1	8
1941	6	0	0	0	0	0	0	0	29	24	20	16	8
1942	5	0	0	0	0	0	0	0	29	36	23	16	9
1943	6	0	0	0	0	0	0	14	13	41	26	16	10
1944	6	0	0	0	0	0	0	0	16	51	24	15	9
1945	5	0	0	0	0	0	0	0	1	17	49	14	17
1946	6	0	0	0	0	0	0	0	44	34	16	17	10
1947	1	0	0	0	0	0	0	0	4	10	52	34	16
1948	4	0	0	0	0	0	0	0	65	22	8	7	9
1949	3	0	0	0	0	0	0	0	25	36	34	22	10
1950	0	0	0	0	0	0	0	2	22	20	33	19	8
1951	1	0	0	0	0	0	0	1	2	30	46	31	20
1952	1	0	0	0	0	0	0	0	0	24	13	17	5
1953	5	0	0	0	0	0	0	0	24	37	33	25	10
1954	6	0	0	0	0	0	2	18	47	34	39	8	13
1955	7	0	0	0	0	0	0	0	45	57	29	24	14
1956	6	0	0	0	0	0	0	0	47	33	36	19	12
1957	4	0	0	0	0	0	0	0	11	44	31	24	9
1958	3	0	0	0	0	0	0	0	27	39	36	13	10
1959	6	0	0	0	0	0	0	28	54	24	23	9	12
1960	7	0	0	0	0	0	0	1	54	55	33	9	13
1961	5	0	0	0	0	0	0	31	54	16	11	3	10
1962	0	0	0	0	0	0	0	0	27	28	28	4	7
1963	1	0	0	0	0	0	0	0	14	28	29	4	6
1964	2	0	0	0	0	0	0	0	0	60	34	20	10
1965	1	0	0	0	0	0	0	0	2	26	24	13	5
1966	5	0	0	0	0	0	0	10	52	26	31	8	11
1967	1	0	0	0	0	0	0	0	1	37	36	22	8
1968	0	0	0	0	0	0	0	0	22	41	20	24	9
1969	2	0	0	0	0	0	0	0	8	34	47	19	9
1970	3	0	0	0	0	0	0	0	15	39	44	11	9
1971	1	0	0	0	0	0	0	0	19	47	51	5	10
1972	0	0	0	0	0	0	0	31	39	44	21	0	11
1973	0	0	0	0	0	0	0	0	0	49	41	11	8
Average	3	0	0	0	0	0	1	7	27	36	27	13	9

PROPOSED ACTION
Spanish Fork River below East Bench Diversion Dam
Location #7 - Bonneville Unit Supplemental Diversions
Water Year Monthly Summary
(Acre-Feet)

8e

PROPOSED ACTION

3/17/99

**Spanish Fork River below East Bench Diversion Dam
Location #7 - Bonneville Unit Supplemental Diversions
Water Year Monthly Summary
(cfs)**

(8e)

PROPOSED ACTION
Spanish Fork River below East Bench Diversion Dam
Location #8 - River Water Diversions
Water Year Monthly Summary
(Acre-Feet)

(8f)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	0	0	0	0	0	0	0	2,300	650	360	350	400	4,100
1931	0	0	0	0	0	0	310	840	380	270	260	250	2,300
1932	140	0	0	0	0	0	1,500	4,260	2,100	580	480	440	9,500
1933	110	0	0	0	0	0	470	3,300	2,800	570	370	180	7,800
1934	110	0	0	0	0	0	530	280	250	240	240	290	1,900
1935	130	0	0	0	0	0	1,700	2,560	2,600	270	280	240	7,800
1936	260	0	0	0	0	0	720	4,500	1,760	690	360	420	8,700
1937	170	0	0	0	0	0	0	4,500	2,400	900	470	380	8,800
1938	190	0	0	0	0	0	490	2,500	2,200	610	460	450	6,900
1939	210	0	0	0	0	0	1,000	1,500	640	180	180	170	3,900
1940	110	0	0	0	0	0	470	2,550	610	280	210	320	4,600
1941	130	0	0	0	0	0	0	3,820	1,600	530	430	350	6,900
1942	210	0	0	0	0	0	0	2,340	2,300	550	350	370	6,100
1943	190	0	0	0	0	0	1,700	1,880	2,000	470	360	170	6,800
1944	160	0	0	0	0	0	0	1,200	2,500	710	280	340	5,200
1945	190	0	0	0	0	0	0	1,200	2,000	550	640	380	5,000
1946	220	0	0	0	0	0	160	3,030	1,200	450	370	350	5,800
1947	150	0	0	0	0	0	390	4,200	950	470	380	390	6,900
1948	180	0	0	0	0	0	0	0	1,700	2,600	1,400	1,000	6,900
1949	130	0	0	0	0	0	1,200	2,960	2,300	580	390	360	7,900
1950	210	0	0	0	0	0	390	2,460	2,880	930	470	410	7,800
1951	460	0	0	0	0	0	950	2,260	1,900	490	360	340	6,800
1952	200	0	0	0	0	0	0	2,300	4,800	2,540	1,840	1,000	12,700
1953	1,100	0	0	0	0	0	0	2,060	2,170	550	440	360	6,700
1954	220	0	0	0	0	0	740	1,400	460	270	150	280	3,500
1955	170	0	0	0	0	0	0	2,600	1,100	400	360	290	4,900
1956	190	0	0	0	0	0	1,400	2,730	900	310	280	190	6,000
1957	160	0	0	0	0	0	0	1,600	2,980	890	560	470	6,700
1958	220	0	0	0	0	0	0	4,200	2,480	550	340	410	8,200
1959	210	0	0	0	0	0	410	500	390	260	210	210	2,200
1960	40	0	0	0	0	0	0	1,200	2,100	470	360	190	4,500
1961	50	0	0	0	0	0	0	1,100	320	180	150	150	2,100
1962	0	0	0	0	0	0	80	4,600	770	460	350	260	6,500
1963	70	0	0	0	0	0	1,300	630	2,360	830	260	150	160
1964	20	0	0	0	0	0	0	1,860	1,800	230	130	160	4,200
1965	10	0	0	0	0	0	0	4,000	3,300	1,000	430	290	9,000
1966	100	0	0	0	0	0	0	1,900	2,180	570	390	130	150
1967	30	0	0	0	0	0	0	280	3,400	1,700	1,400	470	430
1968	0	0	0	0	0	0	0	2,000	3,200	1,100	480	410	7,200
1969	70	0	0	0	0	0	0	40	5,200	2,500	1,100	480	360
1970	60	0	0	0	0	0	0	0	3,200	1,780	990	410	360
1971	40	0	0	0	0	0	0	580	3,760	2,380	1,100	480	420
1972	20	0	0	0	0	0	0	360	2,860	1,200	510	270	360
1973	0	0	0	0	0	0	0	0	3,000	3,600	1,420	610	550
Average	150	0	0	0	0	30	470	2,600	1,800	670	410	350	6,400

PROPOSED ACTION
Spanish Fork River below East Bench Diversion Dam
Location #8 - River Water Diversions
Water Year Monthly Summary
(cfs)

(8f)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	0	0	0	0	0	0	0	37	11	6	6	7	6
1931	0	0	0	0	0	0	5	14	6	4	4	4	3
1932	2	0	0	0	0	0	25	69	35	9	8	7	13
1933	2	0	0	0	0	0	8	54	47	9	6	3	11
1934	2	0	0	0	0	0	9	5	4	4	4	5	3
1935	2	0	0	0	0	0	29	42	44	4	5	4	11
1936	4	0	0	0	0	0	12	73	30	11	6	7	12
1937	3	0	0	0	0	0	0	73	40	15	8	6	12
1938	3	0	0	0	0	0	8	41	37	10	7	8	10
1939	3	0	0	0	0	0	17	24	11	3	3	3	5
1940	2	0	0	0	0	0	8	42	10	5	3	5	6
1941	2	0	0	0	0	0	0	62	27	9	7	6	9
1942	3	0	0	0	0	0	0	38	39	9	6	6	8
1943	3	0	0	0	0	0	29	31	34	8	6	3	9
1944	3	0	0	0	0	0	0	20	42	12	5	6	7
1945	3	0	0	0	0	0	0	20	34	9	10	6	7
1946	4	0	0	0	0	0	3	49	20	7	6	6	8
1947	2	0	0	0	0	0	7	68	16	8	6	7	9
1948	3	0	0	0	0	0	0	0	29	42	23	17	9
1949	2	0	0	0	0	0	20	48	39	9	6	6	11
1950	3	0	0	0	0	0	7	40	48	15	8	7	11
1951	7	0	0	0	0	0	16	37	32	8	6	6	9
1952	3	0	0	0	0	0	0	37	81	41	30	17	17
1953	18	0	0	0	0	0	0	34	37	9	7	6	9
1954	4	0	0	0	0	0	12	23	8	4	2	5	5
1955	3	0	0	0	0	0	0	42	19	7	6	5	7
1956	3	0	0	0	0	0	24	44	15	5	5	3	8
1957	3	0	0	0	0	0	0	26	50	14	9	8	9
1958	4	0	0	0	0	0	0	68	42	9	6	7	11
1959	3	0	0	0	0	0	7	8	7	4	3	4	3
1960	1	0	0	0	0	0	20	34	8	6	3	3	6
1961	1	0	0	0	0	0	19	5	3	2	2	2	3
1962	0	0	0	0	0	0	1	75	13	7	6	4	9
1963	1	0	0	0	0	21	11	38	14	4	2	3	8
1964	0	0	0	0	0	0	0	30	30	4	2	3	6
1965	0	0	0	0	0	0	0	65	56	16	7	5	12
1966	2	0	0	0	0	0	32	36	10	6	2	3	7
1967	0	0	0	0	0	0	5	55	29	23	8	7	11
1968	0	0	0	0	0	0	0	33	54	18	8	7	10
1969	1	0	0	0	0	0	1	85	42	18	8	6	13
1970	1	0	0	0	0	0	0	52	30	16	7	6	9
1971	1	0	0	0	0	0	10	61	40	18	8	7	12
1972	0	0	0	0	0	0	6	47	20	8	4	6	8
1973	0	0	0	0	0	0	0	49	61	23	10	9	13
Average	2	0	0	0	0	0	8	42	30	11	7	6	9

PROPOSED ACTION
Spanish Fork River below East Bench Diversion Dam
Location #8 - Strawberry Valley Project Water in Stream
Water Year Monthly Summary
(Acre-Feet)

8g

PROPOSED ACTION
Spanish Fork River below East Bench Diversion Dam
Location #8 - Strawberry Valley Project Water in Stream
Water Year Monthly Summary
(cfs)

3/17/99

PROPOSED ACTION
Spanish Fork River below East Bench Diversion Dam - Bonneville Unit Water in Stream
Location #8
Water Year Monthly Summary
(Acre-Feet)

(8h)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1283	2643	2613	3363	2603	1776	300	0	0	0	50	0	14,600
1931	2785	4642	8338	10119	9773	9604	4240	2823	1903	2532	8286	4113	69,200
1932	4318	6662	6641	8842	10275	14201	12705	27503	27704	23699	13966	4573	161,100
1933	1508	8501	9102	10223	9257	11184	10071	8755	7852	4574	2960	10961	94,900
1934	5078	5209	7360	6802	6407	9533	5769	3251	0	0	2502	2300	54,200
1935	3610	4174	6705	8336	7995	7408	2786	20609	23868	1036	2119	6721	95,400
1936	7124	8260	7180	9116	9069	9245	19255	30909	20949	15406	9876	1221	147,600
1937	6162	8736	9673	11858	11677	13885	15756	21907	19062	12555	8032	4240	143,500
1938	585	9472	9146	9624	9534	13205	14067	20627	16494	10578	5798	3656	122,800
1939	265	8968	8672	9336	9039	11707	10239	11793	10003	5127	1782	3412	90,300
1940	2265	12462	8543	9322	9586	9339	4689	10613	7651	3842	1994	4181	84,500
1941	3961	6614	8280	9826	9831	11545	9236	13957	14633	9454	5624	3860	106,800
1942	1260	3497	5064	5926	5985	7069	8188	12151	12467	10373	7600	5953	85,500
1943	481	9213	9279	9963	9469	10665	10844	15705	17614	14227	11439	9328	128,200
1944	119	12922	12357	11897	10235	10403	9570	12543	1826	2002	1439	2077	87,400
1945	211	4042	5274	5909	6846	7811	7192	9050	6572	4594	0	0	57,500
1946	241	4803	6470	7231	7169	8356	10817	14067	10925	8502	5830	4724	89,100
1947	788	4505	5413	5971	6205	7628	8427	5306	800	0	10	0	45,100
1948	248	4252	5530	5821	6084	6954	9071	10181	6022	4984	4323	4391	67,900
1949	1323	4181	5901	7169	6670	8566	9961	13525	9813	7820	5951	4684	85,600
1950	184	4495	5663	7114	7502	8785	11261	14438	17847	15459	8265	7325	108,300
1951	2308	4175	6465	7675	7899	8881	12963	17212	9452	7849	2186	2408	89,500
1952	632	4284	5957	7135	7032	8500	1500	2044	102	80	0	0	37,300
1953	259	4031	6184	2809	2499	2509	1526	10	0	0	0	0	19,800
1954	485	4202	5383	6667	7438	8363	6573	8107	6351	4939	4501	4820	67,800
1955	1177	4214	5499	6338	6535	8050	7469	9555	8955	6991	4930	4137	73,900
1956	1661	9288	10338	10850	10725	10519	10107	16399	16502	13297	9966	8089	127,700
1957	2963	8640	9624	10432	11037	11823	10690	13144	17969	15965	12807	10227	135,300
1958	85	2565	3190	4436	5310	7355	8497	18588	10325	8272	6908	6527	82,100
1959	1281	5144	6200	6939	7315	8164	6392	5771	5761	4747	3247	3674	64,600
1960	1865	8607	8835	8848	8478	9473	7960	9557	9043	6892	24127	6278	110,000
1961	6549	9236	5089	6199	6858	8164	7016	4788	1140	3356	5304	3231	66,900
1962	5741	7765	8683	7059	5766	7756	11720	18576	21403	17645	13025	2570	127,700
1963	8449	4338	5927	6705	7467	8732	9072	10761	12483	10239	4961	2121	91,300
1964	6062	4795	6926	7758	7526	8249	8626	13137	19247	14218	12173	9695	118,400
1965	1901	8685	9757	9825	9726	9576	10164	15477	15457	14492	697	0	105,800
1966	1283	4538	6479	7363	7480	8871	7960	10540	9043	6630	4576	3771	78,500
1967	986	6040	7342	7894	7823	8981	9262	12044	16610	16680	8208	6444	108,300
1968	2610	3757	5461	6436	7134	8242	8489	9555	10020	7893	10	0	69,600
1969	78	4419	5770	8239	8820	9863	17817	10195	0	0	0	70	65,300
1970	1893	4202	5853	7328	7951	8736	7377	13156	1352	7	0	0	57,900
1971	2126	4199	6033	6919	7230	8006	12628	825	100	0	0	225	48,300
1972	3099	4262	6193	7513	7763	10792	14207	0	0	0	100	0	53,900
1973	2887	3924	5548	6463	6817	8066	10543	3045	1508	40	0	0	48,800
Average	2,300	6,000	7,000	7,800	7,800	9,000	9,200	11,400	9,700	7,200	5,100	3,700	86,100

PROPOSED ACTION

3/17/99

Spanish Fork River below East Bench Diversion Dam - Bonneville Unit Water in Stream

Location #8

Water Year Monthly Summary
(cfs)

8h

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	21	44	43	55	47	29	5	0	0	0	1	0	20
1931	45	78	136	165	176	156	71	46	32	41	135	69	96
1932	70	112	108	144	179	231	214	448	466	386	228	77	222
1933	25	143	148	167	167	182	170	143	132	75	48	185	132
1934	83	88	120	111	116	155	97	53	0	0	41	39	75
1935	59	70	109	136	144	121	47	336	402	17	35	113	132
1936	116	139	117	149	158	151	324	504	353	251	161	21	204
1937	100	147	158	193	211	226	265	357	321	205	131	71	199
1938	10	159	149	157	172	215	237	336	278	172	94	62	170
1939	4	151	141	152	163	191	172	192	168	84	29	57	125
1940	37	210	139	152	167	152	79	173	129	63	32	70	117
1941	65	111	135	160	177	188	155	227	246	154	92	65	148
1942	21	59	83	97	108	115	138	198	210	169	124	100	118
1943	8	155	151	162	171	174	183	256	297	232	186	157	178
1944	2	218	201	194	178	169	161	204	31	33	23	35	121
1945	3	68	86	96	123	127	121	147	111	75	0	0	80
1946	4	81	105	118	129	136	182	229	184	139	95	80	123
1947	13	76	88	97	112	124	142	86	13	0	0	0	63
1948	4	72	90	95	106	113	153	166	101	81	70	74	94
1949	22	70	96	117	120	140	168	220	165	127	97	79	118
1950	3	76	92	116	135	143	190	235	300	252	135	123	150
1951	38	70	105	125	142	145	218	280	159	128	36	41	124
1952	10	72	97	116	122	138	25	33	2	1	0	0	52
1953	4	68	101	46	45	41	26	0	0	0	0	0	28
1954	8	71	88	109	134	136	111	132	107	80	73	81	94
1955	19	71	90	103	118	131	126	156	151	114	80	70	102
1956	27	156	168	177	187	171	170	267	278	217	162	136	176
1957	48	145	157	170	199	193	180	214	303	260	209	172	187
1958	1	43	52	72	96	120	143	303	174	135	113	110	113
1959	21	87	101	113	132	133	108	94	97	77	53	62	90
1960	30	145	144	144	148	154	134	156	152	112	393	106	152
1961	107	155	83	101	124	133	118	78	19	55	86	54	93
1962	94	131	141	115	104	126	197	303	360	287	212	43	176
1963	138	73	97	109	135	142	153	175	210	167	81	36	126
1964	99	81	113	126	131	134	145	214	324	232	198	163	163
1965	31	146	159	160	175	156	171	252	260	236	11	0	147
1966	21	76	106	120	135	145	134	172	152	108	75	63	109
1967	16	102	120	129	141	146	156	196	280	272	134	108	150
1968	43	63	89	105	124	134	143	156	169	129	0	0	96
1969	1	74	94	134	159	161	300	166	0	0	0	1	91
1970	31	71	95	119	143	142	124	214	23	0	0	0	80
1971	35	71	98	113	130	130	213	13	2	0	0	4	67
1972	50	72	101	122	135	176	239	0	0	0	2	0	75
1973	47	66	90	105	123	131	177	50	25	1	0	0	68
Average	37	101	113	126	140	147	154	186	163	117	84	62	119

PROPOSED ACTION
Spanish Fork River below East Bench Diversion Dam - River Water
Location #8
Water Year Monthly Summary
(Acre-Feet)

(8i)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	20	0	0	0	40	0	0	0	0	100	0	0	160
1931	20	0	0	0	0	0	0	100	40	0	100	0	260
1932	0	0	0	0	0	0	0	0	0	110	100	0	210
1933	0	0	0	0	0	0	0	0	0	160	140	0	300
1934	0	0	0	0	0	0	0	100	0	0	100	0	200
1935	0	0	0	0	0	0	0	0	0	100	100	0	200
1936	0	0	0	0	0	0	0	3448	0	0	100	0	3,500
1937	20	0	0	0	0	0	0	19849	0	0	100	40	20,000
1938	20	0	0	0	0	0	0	4018	0	0	100	0	4,100
1939	20	0	0	0	0	0	50	50	0	0	100	0	220
1940	20	0	0	0	0	0	70	0	20	0	100	0	210
1941	0	0	0	0	0	0	0	0	0	0	100	40	140
1942	20	0	0	0	0	0	0	0	0	100	40	30	190
1943	20	0	0	0	40	0	40	30	0	100	0	0	230
1944	0	0	0	0	0	0	0	3252	0	100	0	30	3,400
1945	20	0	0	0	0	0	0	0	0	100	100	50	270
1946	20	0	0	0	0	0	0	0	60	100	100	0	280
1947	20	0	0	0	0	0	0	50	0	0	60	10	140
1948	20	0	0	0	0	0	0	0	20	100	60	40	240
1949	20	0	0	0	0	0	40	0	0	100	70	0	230
1950	20	0	0	0	0	0	0	0	0	0	120	0	140
1951	20	0	0	0	40	0	0	0	0	0	60	0	120
1952	20	0	0	0	0	0	33019	82306	6176	0	40	0	121,600
1953	30	0	0	0	40	0	0	0	0	100	80	0	250
1954	20	0	0	0	0	0	20	120	0	100	210	0	470
1955	20	0	0	0	0	0	0	0	0	170	110	0	300
1956	0	0	0	0	0	0	0	0	0	0	200	0	200
1957	20	0	0	0	40	0	0	0	0	0	210	20	290
1958	20	0	0	0	40	0	0	6283	0	100	40	0	6,500
1959	20	0	0	0	0	0	0	40	0	100	100	0	260
1960	0	0	0	0	0	0	0	0	100	0	60	100	0
1961	20	0	0	0	0	0	0	0	40	0	100	100	0
1962	0	0	0	0	0	0	0	0	0	0	70	0	70
1963	20	0	0	0	40	0	0	0	0	0	40	0	100
1964	20	0	0	0	0	0	0	0	0	0	80	0	100
1965	20	0	0	0	0	0	0	0	0	20	0	0	40
1966	20	0	0	0	0	0	0	0	0	0	100	50	0
1967	20	0	0	0	0	0	0	0	60	100	50	0	230
1968	20	0	0	0	0	0	0	0	0	0	30	0	50
1969	20	0	0	0	40	0	10786	12482	1	100	71	0	23,500
1970	0	0	0	0	0	0	0	0	0	0	0	17	3
1971	0	0	0	0	0	0	0	0	0	0	12	54	5
1972	0	0	0	0	0	0	0	0	10	0	101	0	110
1973	20	0	0	0	0	0	0	0	22784	8	23	85	0
Average	10	0	0	0	10	0	1,000	3,500	150	50	80	10	4,800

PROPOSED ACTION
Spanish Fork River below East Bench Diversion Dam - River Water
Location #8
Water Year Monthly Summary
(cfs)

(8i)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	0	0	0	0	1	0	0	0	0	2	0	0	0
1931	0	0	0	0	0	0	0	2	1	0	2	0	0
1932	0	0	0	0	0	0	0	0	0	2	2	0	0
1933	0	0	0	0	0	0	0	0	0	3	2	0	0
1934	0	0	0	0	0	0	0	2	0	0	2	0	0
1935	0	0	0	0	0	0	0	0	0	2	2	0	0
1936	0	0	0	0	0	0	0	56	0	0	2	0	5
1937	0	0	0	0	0	0	0	323	0	0	2	1	27
1938	0	0	0	0	0	0	0	65	0	0	2	0	6
1939	0	0	0	0	0	0	1	1	0	0	2	0	0
1940	0	0	0	0	0	0	1	0	0	0	2	0	0
1941	0	0	0	0	0	0	0	0	0	0	2	1	0
1942	0	0	0	0	0	0	0	0	0	2	1	1	0
1943	0	0	0	0	1	0	1	0	0	2	0	0	0
1944	0	0	0	0	0	0	0	53	0	2	0	1	5
1945	0	0	0	0	0	0	0	0	0	2	2	1	0
1946	0	0	0	0	0	0	0	0	1	2	2	0	0
1947	0	0	0	0	0	0	0	1	0	0	1	0	0
1948	0	0	0	0	0	0	0	0	0	2	1	1	0
1949	0	0	0	0	0	0	1	0	0	2	1	0	0
1950	0	0	0	0	0	0	0	0	0	2	1	0	0
1951	0	0	0	0	1	0	0	0	0	0	1	0	0
1952	0	0	0	0	0	0	556	1,341	104	0	1	0	167
1953	0	0	0	0	1	0	0	0	0	2	1	0	0
1954	0	0	0	0	0	0	0	2	0	2	3	0	1
1955	0	0	0	0	0	0	0	0	0	3	2	0	0
1956	0	0	0	0	0	0	0	0	0	0	3	0	0
1957	0	0	0	0	1	0	0	0	0	0	3	0	0
1958	0	0	0	0	1	0	0	102	0	2	1	0	9
1959	0	0	0	0	0	0	0	1	0	2	2	0	0
1960	0	0	0	0	0	0	0	2	0	1	2	0	0
1961	0	0	0	0	0	0	0	1	0	2	2	0	0
1962	0	0	0	0	0	0	0	0	0	0	1	0	0
1963	0	0	0	0	1	0	0	0	0	0	1	0	0
1964	0	0	0	0	0	0	0	0	0	0	1	0	0
1965	0	0	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	2	1	0	0
1967	0	0	0	0	0	0	0	0	1	2	1	0	0
1968	0	0	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	1	0	182	203	0	2	1	0	32
1970	0	0	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0	1	0	0
1972	0	0	0	0	0	0	0	0	0	2	0	0	0
1973	0	0	0	0	0	0	0	371	0	0	1	0	31
Average	0	0	0	0	0	0	17	57	2	1	1	0	7

PROPOSED ACTION
Spanish Fork River below Mill Race Diversion - Total Flow
Location #9
Water Year Monthly Summary
(Acre-Feet)

(9a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	6,508	8,343	9,113	7,763	8,903	13,801	16,258	4,016	2,527	658	482	1,373	79,700
1931	8,485	9,642	13,938	14,519	14,973	18,304	13,548	4,062	3,908	3,452	8,653	4,488	118,000
1932	5,224	10,162	11,741	12,242	15,475	18,801	20,950	27,463	29,580	23,809	14,811	5,000	195,300
1933	3,147	12,801	13,802	13,731	12,164	15,922	10,669	9,478	9,758	7,602	4,945	12,552	126,600
1934	7,330	8,446	10,776	10,055	9,807	13,238	6,005	4,400	1,057	939	3,401	2,744	78,200
1935	4,695	6,754	9,460	11,126	11,161	10,918	4,164	23,072	26,162	3,034	2,922	7,456	120,900
1936	7,841	11,203	9,940	12,039	12,224	15,000	39,596	39,877	21,749	17,745	10,591	1,669	199,500
1937	8,006	12,435	13,176	15,478	16,644	24,290	34,957	45,923	21,964	14,139	8,851	4,872	220,700
1938	2,955	13,798	13,331	13,750	13,737	22,650	27,705	37,637	16,808	11,207	7,118	4,252	184,900
1939	2,059	13,008	13,252	13,600	12,661	23,358	16,954	12,328	10,643	5,990	2,488	4,157	130,500
1940	4,554	15,957	11,968	13,081	14,085	16,706	15,285	15,516	9,063	4,508	2,893	5,060	128,700
1941	6,385	10,466	12,092	13,602	14,373	16,886	15,048	21,185	16,451	10,931	6,724	4,548	148,700
1942	4,131	7,926	9,407	10,117	9,966	15,306	29,016	24,428	13,801	11,796	8,450	6,472	150,800
1943	2,768	14,114	14,212	14,694	15,667	18,083	15,991	16,864	19,401	15,454	12,165	9,763	169,200
1944	2,410	16,802	16,235	15,358	14,382	16,459	20,280	36,604	4,796	3,117	2,360	2,708	151,500
1945	2,587	8,788	9,359	10,082	12,469	13,874	15,411	27,535	9,967	5,835	1,236	727	117,900
1946	3,174	9,442	10,937	11,785	12,189	15,967	29,689	17,845	12,086	9,309	6,698	5,432	144,600
1947	4,304	9,311	10,090	9,861	11,092	17,412	19,048	10,006	3,109	1,088	1,040	999	97,400
1948	2,498	8,150	9,253	9,381	10,719	13,305	20,401	18,236	6,297	5,322	5,302	5,069	113,900
1949	3,403	8,047	9,709	11,132	10,762	15,556	20,601	25,333	11,267	8,752	7,293	5,367	137,200
1950	3,531	8,801	9,559	11,634	12,671	15,898	22,547	23,974	18,991	17,224	10,010	8,261	163,100
1951	4,469	9,241	11,674	11,803	12,913	14,683	20,188	21,472	10,951	9,133	3,194	3,143	132,900
1952	2,744	8,283	9,874	11,725	11,677	15,075	64,219	100,437	11,634	1,978	847	839	239,300
1953	1,106	11,771	14,199	10,808	8,761	10,611	9,448	2,232	422	1,387	1,325	794	72,900
1954	2,838	8,811	9,808	11,169	12,145	13,644	12,708	8,335	7,522	5,840	5,767	5,398	104,000
1955	2,228	7,727	8,978	9,514	9,683	14,532	15,410	12,748	9,643	8,345	6,071	4,106	109,000
1956	2,473	12,755	14,936	15,563	14,394	16,759	14,266	16,329	17,660	14,225	11,370	8,089	158,800
1957	5,046	11,756	13,184	13,869	16,549	18,406	20,289	32,977	26,344	17,848	14,110	10,837	201,200
1958	2,954	6,919	7,750	8,942	10,709	15,374	24,665	36,409	10,485	9,769	8,072	7,119	149,200
1959	3,231	9,609	10,758	11,576	11,786	13,305	8,373	5,811	6,738	5,702	4,021	3,942	94,900
1960	3,649	11,283	11,525	11,903	11,759	15,075	11,855	9,657	9,043	6,952	24,227	6,717	133,600
1961	8,440	12,066	7,578	8,988	9,659	11,722	7,710	4,828	1,140	3,824	5,719	3,698	85,400
1962	8,249	10,304	11,198	10,116	13,105	13,766	32,161	22,457	22,125	18,277	13,972	3,062	178,800
1963	11,685	7,960	8,989	9,974	11,656	10,286	9,126	11,797	14,104	12,628	6,048	2,849	117,100
1964	8,614	7,967	10,135	10,789	9,934	11,410	16,117	26,392	22,533	15,551	13,092	9,895	162,400
1965	5,261	11,815	13,526	14,224	13,977	15,192	23,322	23,818	19,397	16,304	1,939	1,545	160,300
1966	4,369	8,795	10,599	11,354	12,032	17,884	11,719	11,328	10,522	7,386	5,656	4,184	115,800
1967	4,325	9,319	10,617	11,788	11,469	16,498	15,149	14,131	23,577	17,194	9,413	7,069	150,500
1968	7,318	7,839	9,374	10,284	11,954	14,603	18,940	24,958	13,141	11,105	2,263	2,894	134,700
1969	5,353	9,334	10,358	14,136	13,654	18,741	56,431	24,553	5,563	2,099	3,406	2,760	166,400
1970	7,142	8,324	10,713	12,671	13,245	14,617	12,074	19,450	5,424	660	1,339	2,515	108,200
1971	7,402	9,348	10,385	12,126	13,018	17,098	26,034	12,735	11	820	1,464	1,274	111,700
1972	8,464	9,554	11,227	12,533	13,277	20,604	20,158	1,797	0	876	1,554	113	100,200
1973	7,488	8,415	9,721	10,424	10,814	14,280	26,915	41,052	2,739	244	773	1,773	134,600
Average	5,000	10,100	11,100	11,800	12,400	15,800	20,300	21,200	11,800	8,400	6,200	4,500	138,600

PROPOSED ACTION
Spanish Fork River below Mill Race Diversion - Total Flow
Location #9
Water Year Monthly Summary
(cfs)

(9a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	106	140	148	126	161	225	274	65	43	11	8	23	111
1931	138	162	227	237	270	298	228	66	66	56	141	76	164
1932	85	171	191	199	270	306	353	447	498	388	241	84	270
1933	51	216	225	224	219	259	180	154	164	124	81	211	176
1934	119	142	176	164	177	216	101	72	18	15	55	46	108
1935	76	114	154	181	201	178	70	376	440	49	48	126	168
1936	128	189	162	196	213	244	667	650	366	289	173	28	275
1937	130	209	215	252	300	396	589	748	370	230	144	82	305
1938	48	232	217	224	248	369	466	613	283	183	116	72	256
1939	34	219	216	222	228	381	285	201	179	98	41	70	181
1940	74	269	195	213	245	272	257	253	153	73	47	85	178
1941	104	176	197	222	259	275	253	345	277	178	110	77	206
1942	67	133	153	165	180	249	488	398	232	192	138	109	209
1943	45	238	232	239	283	295	269	275	327	252	198	164	235
1944	39	283	264	250	250	268	341	596	81	51	38	46	209
1945	42	148	152	164	225	226	259	449	168	95	20	12	163
1946	52	159	178	192	220	260	500	291	203	152	109	91	201
1947	70	157	164	161	200	284	321	163	52	18	17	17	135
1948	41	137	151	153	187	217	343	297	106	87	86	85	157
1949	55	135	158	181	194	253	347	413	190	143	119	90	190
1950	58	148	156	190	229	259	380	391	320	281	163	139	226
1951	73	156	190	192	233	239	340	350	184	149	52	53	184
1952	45	139	161	191	203	246	1,081	1,636	196	32	14	14	330
1953	18	198	231	176	158	173	159	36	7	23	22	13	101
1954	46	148	160	182	219	222	214	136	127	95	94	91	145
1955	36	130	146	155	175	237	259	208	162	136	99	69	151
1956	40	215	243	254	251	273	240	266	297	232	185	136	219
1957	82	198	215	226	299	300	342	537	444	291	230	182	279
1958	48	116	126	146	193	250	415	593	177	159	132	120	206
1959	53	162	175	189	213	217	141	95	113	93	66	66	132
1960	59	190	188	194	205	246	200	157	152	113	395	113	184
1961	138	203	123	146	174	191	130	79	19	62	93	62	118
1962	134	173	182	165	236	224	541	366	372	298	228	52	248
1963	190	134	146	162	210	168	154	192	237	206	99	48	162
1964	140	134	165	176	173	186	271	430	379	253	213	167	224
1965	86	199	220	232	252	248	393	388	327	266	32	26	222
1966	71	148	173	185	217	291	197	185	177	120	92	70	161
1967	70	157	173	192	207	269	255	230	397	280	153	119	209
1968	119	132	153	168	208	238	319	407	221	181	37	49	186
1969	87	157	169	230	246	305	950	400	94	34	55	46	231
1970	116	140	175	206	239	238	203	317	91	11	22	42	150
1971	121	157	169	198	235	279	438	207	0	13	24	21	155
1972	138	161	183	204	231	336	339	29	0	14	25	2	139
1973	122	142	158	170	195	233	453	669	46	4	13	30	186
Average	82	170	181	193	221	258	341	345	199	137	101	76	192

* Released directly from Strawberry Reservoir

PROPOSED ACTION
Spanish Fork River - Flow Gains above Mill Race Diversion
Location #9
Water Year Monthly Summary
(Acre-Feet)

(9b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	5,224	5,720	6,550	4,400	6,260	12,025	17,396	7,374	6,027	3,328	3,391	3,864	81,600
1931	5,680	5,000	5,600	4,400	5,200	8,750	10,149	4,165	4,942	3,324	1,974	1,968	61,200
1932	1,635	3,500	5,100	3,400	5,200	4,600	9,502	2,355	5,078	0	3,761	1,954	46,100
1933	2,743	4,300	4,700	3,508	2,907	4,738	1,650	3,710	7,125	6,516	4,227	3,532	49,700
1934	2,892	3,237	3,416	3,253	3,400	3,705	1,843	3,077	2,449	2,227	1,980	1,537	33,000
1935	1,085	2,580	2,755	2,790	3,166	3,510	2,108	5,456	6,515	4,400	2,566	2,427	39,400
1936	2,172	2,943	2,760	2,923	3,155	5,755	21,330	10,895	5,022	5,534	2,995	2,523	68,000
1937	2,997	3,699	3,503	3,620	4,967	10,455	19,261	8,869	6,534	4,798	2,471	2,585	73,800
1938	3,296	4,326	4,185	4,126	4,203	9,495	14,704	16,524	5,140	3,260	3,577	2,445	75,300
1939	2,820	4,040	4,580	4,264	3,622	11,701	8,634	3,873	3,055	3,200	1,835	2,125	53,700
1940	3,109	3,495	3,425	3,759	4,499	7,417	10,835	8,966	3,855	2,843	2,558	2,569	57,300
1941	3,279	3,852	3,812	3,776	4,542	5,341	5,812	10,739	5,111	4,571	3,530	2,048	56,400
1942	3,729	4,429	4,343	4,191	3,981	8,237	20,828	14,327	5,676	4,992	3,440	2,129	80,300
1943	3,194	4,901	4,933	4,731	6,158	7,468	6,774	4,470	4,690	3,720	3,046	2,383	56,500
1944	3,235	3,880	3,878	3,461	4,147	6,056	10,710	21,458	6,137	4,497	2,692	2,265	72,400
1945	3,316	4,746	4,085	4,173	5,623	6,063	8,219	19,330	6,455	4,032	3,254	2,660	72,000
1946	3,759	4,639	4,467	4,554	5,020	7,661	18,872	7,456	3,914	4,471	2,659	2,315	69,800
1947	4,201	4,806	4,677	3,890	4,887	9,834	10,621	8,450	5,164	3,365	2,607	2,765	65,300
1948	3,115	3,898	3,723	3,560	4,635	6,351	11,330	12,769	3,896	1,655	1,545	1,621	58,100
1949	2,998	3,866	3,808	3,963	4,092	6,990	11,274	15,099	5,632	3,530	3,298	2,778	67,300
1950	4,062	4,326	3,896	4,520	5,169	7,163	11,828	13,267	5,834	5,476	3,570	3,181	72,300
1951	3,058	5,086	5,209	4,128	4,974	5,852	8,617	7,799	5,802	4,310	3,116	2,717	60,700
1952	3,149	4,019	3,917	4,590	4,655	6,625	29,700	19,117	9,555	6,386	4,376	4,032	100,100
1953	3,486	7,760	8,065	8,049	6,222	8,152	7,922	5,540	4,403	4,128	3,770	2,586	70,100
1954	3,487	4,629	4,425	4,502	4,707	5,281	6,627	2,027	2,657	3,221	2,807	2,400	46,800
1955	2,019	3,513	3,479	3,176	3,148	6,482	8,310	7,133	2,404	4,438	3,638	786	48,500
1956	1,720	3,467	4,598	4,713	3,669	6,290	6,123	4,117	2,058	3,772	2,449	210	43,200
1957	2,976	3,116	3,560	3,437	5,472	6,583	9,599	21,816	11,534	5,900	3,422	2,445	79,900
1958	4,078	4,374	4,560	4,506	5,359	8,069	16,168	15,195	3,873	4,627	4,579	2,721	78,100
1959	3,089	4,465	4,558	4,637	4,471	5,141	3,282	431	2,891	3,138	2,802	1,665	40,600
1960	2,208	2,676	2,690	3,055	3,291	5,602	4,928	60	0	0	281	1,405	26,200
1961	2,500	2,830	2,489	2,789	2,801	3,558	1,454	0	31	1,294	1,646	1,742	23,100
1962	2,508	2,539	2,515	3,057	7,339	6,010	20,731	7,163	4,317	3,606	3,318	2,218	65,300
1963	3,588	3,622	3,062	3,269	4,149	1,554	1,783	4,483	4,246	5,089	3,525	2,462	40,800
1964	3,031	3,172	3,209	3,031	2,408	3,161	7,511	14,208	6,189	5,253	2,661	849	54,700
1965	3,450	3,130	3,769	4,399	4,251	5,666	13,158	12,074	8,065	5,062	4,129	3,221	70,400
1966	3,544	4,277	4,120	3,991	4,552	9,063	4,962	4,092	2,607	3,260	3,903	2,276	50,600
1967	3,790	3,279	3,275	3,894	3,646	7,567	6,206	5,202	10,022	4,406	3,947	2,708	57,900
1968	4,688	4,082	3,913	3,848	4,830	6,411	10,451	17,635	6,552	7,089	4,986	5,140	79,600
1969	5,635	4,915	4,588	5,897	4,794	8,928	28,330	6,749	9,328	5,789	7,086	5,225	97,300
1970	5,555	4,122	4,860	5,343	5,294	5,881	5,240	9,764	7,200	4,044	4,962	4,487	66,800
1971	5,475	5,169	4,352	5,207	5,788	9,142	14,519	15,207	3,047	2,883	3,186	3,126	77,100
1972	5,455	5,292	5,034	5,020	5,524	9,812	6,643	5,469	2,555	2,220	3,436	2,106	58,600
1973	4,581	4,491	4,173	3,961	3,997	6,214	16,372	18,061	5,632	3,556	2,998	4,762	78,800
Average	3,400	4,100	4,200	4,100	4,500	6,800	10,700	9,200	5,100	3,900	3,200	2,600	61,900

PROPOSED ACTION
Spanish Fork River - Flow Gains above Mill Race Diversion
Location #9
Water Year Monthly Summary
(cfs)

(9b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	85	96	107	72	113	196	293	120	101	54	55	65	113
1931	93	84	91	72	94	143	171	68	83	54	32	33	85
1932	27	59	83	55	91	75	160	38	85	0	61	33	64
1933	45	72	77	57	52	77	28	60	120	106	69	59	69
1934	47	54	56	53	61	60	31	50	41	36	32	26	46
1935	18	43	45	45	57	57	35	89	110	72	42	41	55
1936	35	50	45	48	55	94	359	177	85	90	49	42	94
1937	49	62	57	59	90	170	324	144	110	78	40	44	102
1938	54	73	68	67	76	155	248	269	87	53	58	41	104
1939	46	68	75	69	65	191	145	63	51	52	30	36	74
1940	51	59	56	61	78	121	182	146	65	46	42	43	79
1941	53	65	62	62	82	87	98	175	86	74	58	34	78
1942	61	75	71	68	72	134	351	233	96	81	56	36	111
1943	52	83	80	77	111	122	114	73	79	61	50	40	78
1944	53	65	63	56	72	99	180	350	103	73	44	38	100
1945	54	80	67	68	101	99	138	315	109	66	53	45	100
1946	61	78	73	74	91	125	318	121	66	73	43	39	97
1947	68	81	76	63	88	160	179	138	87	55	42	47	90
1948	51	66	61	58	81	103	191	208	66	27	25	27	80
1949	49	65	62	65	74	114	190	246	95	58	54	47	93
1950	66	73	63	74	93	117	199	216	98	89	58	54	100
1951	50	86	85	67	90	95	145	127	98	70	51	46	84
1952	51	68	64	75	81	108	500	311	161	104	71	68	139
1953	57	131	131	131	112	133	133	90	74	67	61	44	97
1954	57	78	72	73	85	86	112	33	45	52	46	40	65
1955	33	59	57	52	57	106	140	116	40	72	59	13	67
1956	28	58	75	77	64	102	103	67	35	61	40	4	60
1957	48	52	58	56	99	107	162	355	194	96	56	41	110
1958	66	74	74	73	97	131	272	248	65	75	75	46	108
1959	50	75	74	76	81	84	55	7	49	51	46	28	56
1960	36	45	44	50	57	91	83	1	0	0	5	24	36
1961	41	48	41	45	51	58	24	0	1	21	27	29	32
1962	41	43	41	50	132	98	349	117	73	59	54	37	91
1963	58	61	50	53	75	25	30	73	71	83	57	41	57
1964	49	53	52	49	42	51	126	231	104	86	43	14	75
1965	56	53	61	72	77	92	222	197	136	82	67	54	97
1966	58	72	67	65	82	148	84	67	44	53	64	38	70
1967	62	55	53	63	66	123	104	85	169	72	64	46	80
1968	76	69	64	63	84	104	176	287	110	115	81	87	110
1969	92	83	75	96	86	145	477	110	157	94	115	88	135
1970	91	69	79	87	95	96	88	159	121	66	81	76	92
1971	89	87	71	85	104	149	244	248	51	47	52	53	107
1972	89	89	82	82	96	160	112	89	43	36	56	35	81
1973	75	76	68	65	72	101	276	294	95	58	49	80	109
Average	56	69	68	67	81	111	181	150	85	64	53	43	86

* Released directly from Strawberry Reservoir

PROPOSED ACTION
Spanish Fork River - Diversions to Mill Race Canal
Location #9
Water Year Monthly Summary
(Acre-Feet)

(9c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	19	0	0	0	0	0	1,179	3,358	3,500	2,770	2,959	2,491	16,300
1931	0	0	0	0	0	0	811	3,027	2,977	2,404	1,707	1,593	12,500
1932	729	0	0	0	0	0	1,258	2,355	3,202	0	3,016	1,527	12,100
1933	1,103	0	0	0	0	0	1,032	2,987	4,619	3,648	2,382	1,871	17,600
1934	640	0	0	0	0	0	1,608	2,028	1,391	1,287	1,181	1,093	9,200
1935	0	0	0	0	0	0	710	2,952	4,191	2,503	1,863	1,692	13,900
1936	1,455	0	0	0	0	0	989	5,375	4,182	3,195	2,380	2,074	19,700
1937	1,173	0	0	0	0	0	0	4,702	3,632	3,213	1,752	1,993	16,500
1938	946	0	0	0	0	0	1,066	3,532	4,826	2,632	2,357	1,849	17,200
1939	1,046	0	0	0	0	0	1,969	3,388	2,415	2,337	1,230	1,380	13,800
1940	840	0	0	0	0	0	309	3,912	2,462	2,177	1,760	1,690	13,200
1941	854	0	0	0	0	0	0	3,431	3,293	3,095	2,530	1,400	14,600
1942	879	0	0	0	0	0	0	1,990	4,342	3,668	2,630	1,640	15,200
1943	927	0	0	0	0	0	1,667	3,342	2,903	2,594	2,299	1,888	15,600
1944	944	0	0	0	0	0	0	649	3,166	3,482	1,771	1,663	11,700
1945	960	0	0	0	0	0	0	745	3,060	2,890	2,118	1,984	11,800
1946	846	0	0	0	0	0	0	3,609	2,813	3,764	1,890	1,607	14,500
1947	706	0	0	0	0	0	0	3,800	2,855	2,278	1,638	1,776	13,100
1948	885	0	0	0	0	0	0	3,714	3,641	1,418	626	983	11,300
1949	937	0	0	0	0	0	674	3,251	4,177	2,698	2,026	2,065	15,800
1950	735	0	0	0	0	0	542	3,691	4,670	3,711	1,945	2,245	17,500
1951	917	0	0	0	0	0	1,362	3,399	4,303	3,026	2,169	1,982	17,200
1952	1,057	0	0	0	0	0	0	3,030	4,199	4,478	3,569	3,193	19,500
1953	2,669	0	0	0	0	0	0	3,308	3,981	2,842	2,524	1,792	17,100
1954	1,154	0	0	0	0	0	512	1,919	1,486	2,420	1,751	1,822	11,100
1955	988	0	0	0	0	0	349	3,840	1,717	3,254	2,607	767	13,500
1956	908	0	0	0	0	0	1,964	4,117	900	2,784	1,245	210	12,100
1957	913	0	0	0	0	0	0	1,983	3,139	4,017	2,329	1,855	14,200
1958	1,229	0	0	0	0	0	0	3,657	3,693	3,230	3,455	2,108	17,400
1959	1,159	0	0	0	0	0	1,281	431	1,913	2,284	2,128	1,398	10,600
1960	424	0	0	0	0	0	1,013	60	0	0	281	965	2,700
1961	628	0	0	0	0	0	760	0	31	926	1,331	1,275	5,000
1962	0	0	0	0	0	0	290	3,282	3,445	2,975	2,441	1,726	14,200
1963	372	0	0	0	0	0	1,709	3,307	2,625	2,701	2,478	1,734	14,900
1964	499	0	0	0	0	0	0	913	2,903	3,800	1,823	649	10,600
1965	110	0	0	0	0	0	0	3,733	4,145	3,250	2,887	1,676	15,800
1966	478	0	0	0	0	0	1,203	3,284	1,128	2,604	2,873	1,863	13,400
1967	471	0	0	0	0	0	299	3,115	3,115	3,993	2,792	2,063	15,800
1968	0	0	0	0	0	0	0	2,232	3,331	3,877	2,763	2,246	14,400
1969	380	0	0	0	0	0	502	4,873	3,766	3,790	3,750	2,479	19,500
1970	306	0	0	0	0	0	523	3,470	3,113	3,388	3,640	1,974	16,400
1971	199	0	0	0	0	0	1,113	3,257	3,036	2,075	1,777	2,081	13,500
1972	90	0	0	0	0	0	672	3,682	2,555	1,445	1,945	1,993	12,400
1973	0	0	0	0	0	0	0	2,838	4,409	3,375	2,310	2,989	15,900
Average	720	0	0	0	0	0	620	2,900	3,100	2,800	2,200	1,800	14,100

PROPOSED ACTION
Spanish Fork River - Diversions to Mill Race Canal
Location #9
Water Year Monthly Summary
(cfs)

3/17/99

(9c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	0	0	0	0	0	20	55	59	45	48	42	22	
1931	0	0	0	0	0	14	49	50	39	28	27	17	
1932	12	0	0	0	0	21	38	54	0	49	26	17	
1933	18	0	0	0	0	17	49	78	59	39	31	24	
1934	10	0	0	0	0	27	33	23	21	19	18	13	
1935	0	0	0	0	0	12	48	71	41	30	28	19	
1936	24	0	0	0	0	17	88	70	52	39	35	27	
1937	19	0	0	0	0	0	77	61	52	29	34	23	
1938	15	0	0	0	0	0	18	58	81	43	38	31	24
1939	17	0	0	0	0	0	33	55	41	38	20	23	19
1940	14	0	0	0	0	0	5	64	41	35	29	28	18
1941	14	0	0	0	0	0	0	56	55	50	41	24	20
1942	14	0	0	0	0	0	0	32	73	60	43	28	21
1943	15	0	0	0	0	0	28	54	49	42	37	32	21
1944	15	0	0	0	0	0	0	11	53	57	29	28	16
1945	16	0	0	0	0	0	0	12	52	47	34	33	16
1946	14	0	0	0	0	0	0	59	47	61	31	27	20
1947	11	0	0	0	0	0	0	62	48	37	27	30	18
1948	14	0	0	0	0	0	0	61	61	23	10	17	16
1949	15	0	0	0	0	0	11	53	70	44	33	35	22
1950	12	0	0	0	0	0	9	60	79	60	32	38	24
1951	15	0	0	0	0	0	23	55	72	49	35	33	24
1952	17	0	0	0	0	0	0	49	71	73	58	54	27
1953	43	0	0	0	0	0	0	54	67	46	41	30	23
1954	19	0	0	0	0	0	9	31	25	39	29	31	15
1955	16	0	0	0	0	0	6	63	29	53	42	13	18
1956	15	0	0	0	0	0	33	67	15	45	20	4	17
1957	15	0	0	0	0	0	0	32	53	65	38	31	20
1958	20	0	0	0	0	0	0	60	62	53	56	35	24
1959	19	0	0	0	0	0	22	7	32	37	35	24	15
1960	7	0	0	0	0	0	17	1	0	0	5	16	4
1961	10	0	0	0	0	0	13	0	1	15	22	21	7
1962	0	0	0	0	0	0	5	53	58	48	40	29	19
1963	6	0	0	0	0	0	29	54	44	44	40	29	21
1964	8	0	0	0	0	0	0	15	49	62	30	11	15
1965	2	0	0	0	0	0	0	61	70	53	47	28	22
1966	8	0	0	0	0	0	20	54	19	42	47	31	18
1967	8	0	0	0	0	0	5	51	52	65	45	35	22
1968	0	0	0	0	0	0	0	36	56	63	45	38	20
1969	6	0	0	0	0	0	8	79	63	62	61	42	27
1970	5	0	0	0	0	0	9	57	52	55	59	33	23
1971	3	0	0	0	0	0	19	53	51	34	29	35	19
1972	1	0	0	0	0	0	11	60	43	24	32	34	17
1973	0	0	0	0	0	0	0	46	74	55	38	50	22
Average	12	0	0	0	0	0	10	48	52	45	36	30	19

* Released directly from Strawberry Reservoir

PROPOSED ACTION
Spanish Fork River below Mill Race Diversion
Location #9 - Strawberry Valley Project Water in Stream
Water Year Monthly Summary
(Acre-Feet)

(9d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual	
1930	117	0	0	0	0	0	0	95	1566	558	432	551	3,300	
1931	0	0	0	0	0	0	0	680	1270	700	267	163	3,100	
1932	27	0	0	0	0	0	0	0	440	0	745	427	1,600	
1933	8	0	0	0	0	0	0	0	373	663	636	490	2,200	
1934	92	0	0	0	0	0	177	505	255	312	201	140	1,700	
1935	0	0	0	0	0	0	0	0	311	703	703	408	2,100	
1936	0	0	0	0	0	0	0	0	718	231	339	253	1,500	
1937	460	0	0	0	0	0	0	0	262	613	719	592	2,600	
1938	221	0	0	0	0	0	0	0	314	629	785	596	2,500	
1939	195	0	0	0	0	0	0	485	640	863	606	492	3,300	
1940	11	0	0	0	0	0	0	0	1392	441	452	221	2,500	
1941	29	0	0	0	0	0	0	0	214	941	450	648	2,300	
1942	66	0	0	0	0	0	0	0	244	898	810	489	2,500	
1943	147	0	0	0	0	0	0	72	176	1127	746	495	2,800	
1944	236	0	0	0	0	0	0	0	0	1015	921	601	2,800	
1945	129	0	0	0	0	0	0	3	0	1141	516	622	2,400	
1946	186	0	0	0	0	0	0	0	1101	707	768	708	3,500	
1947	111	0	0	0	0	0	0	0	0	1088	970	989	3,200	
1948	130	0	0	0	0	0	0	0	199	238	919	638	2,100	
1949	157	0	0	0	0	0	0	0	0	832	1272	713	3,000	
1950	378	0	0	0	0	0	0	0	0	554	1625	936	3,500	
1951	0	0	0	0	0	0	0	0	39	1284	948	735	3,000	
1952	114	0	0	0	0	0	0	0	0	0	0	839	950	
1953	271	0	0	0	0	0	0	0	19	1287	1245	794	3,600	
1954	150	0	0	0	0	0	14	108	1171	801	1056	333	3,600	
1955	132	0	0	0	0	0	0	0	688	1184	1031	19	3,100	
1956	98	0	0	0	0	0	0	0	1158	988	1204	0	3,400	
1957	220	0	0	0	0	0	0	0	0	148	902	1093	590	3,000
1958	118	0	0	0	0	0	0	0	0	180	1397	1066	612	3,400
1959	80	0	0	0	0	0	0	0	977	456	558	268	2,300	
1960	0	0	0	0	0	0	0	0	0	0	0	439	440	
1961	47	0	0	0	0	0	0	0	0	368	259	149	820	
1962	0	0	0	0	0	0	0	0	494	632	877	285	2,300	
1963	83	0	0	0	0	0	0	0	136	931	597	191	1,900	
1964	169	0	0	0	0	0	0	0	0	1453	839	200	2,700	
1965	66	0	0	0	0	0	0	0	0	371	763	297	1,500	
1966	104	0	0	0	0	0	0	0	0	1479	656	798	308	3,300
1967	266	0	0	0	0	0	0	0	0	0	104	1155	645	2,200
1968	0	0	0	0	0	0	0	0	32	672	708	573	2,000	
1969	136	0	0	0	0	0	0	0	0	191	1484	717	2,500	
1970	126	0	0	0	0	0	0	0	0	656	1322	267	2,400	
1971	199	0	0	0	0	0	0	0	11	808	1409	0	2,400	
1972	0	0	0	0	0	0	0	0	0	775	1491	77	2,300	
1973	0	0	0	0	0	0	0	0	0	181	687	227	1,100	
Average	120	0	0	0	0	0	0	40	360	690	810	450	2,500	

PROPOSED ACTION

3/17/99

Spanish Fork River below Mill Race Diversion
Location #9 - Strawberry Valley Project Water in Stream
Water Year Monthly Summary
(cfs)

(9d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	2	0	0	0	0	0	0	2	26	9	7	9	5
1931	0	0	0	0	0	0	0	11	21	11	4	3	4
1932	0	0	0	0	0	0	0	0	7	0	12	7	2
1933	0	0	0	0	0	0	0	0	6	11	10	8	3
1934	2	0	0	0	0	0	3	8	4	5	3	2	2
1935	0	0	0	0	0	0	0	0	5	11	11	7	3
1936	0	0	0	0	0	0	0	0	12	4	6	4	2
1937	7	0	0	0	0	0	0	0	4	10	12	10	4
1938	4	0	0	0	0	0	0	0	5	10	13	10	3
1939	3	0	0	0	0	0	0	8	11	14	10	8	5
1940	0	0	0	0	0	0	0	0	23	7	7	4	3
1941	0	0	0	0	0	0	0	0	4	15	7	11	3
1942	1	0	0	0	0	0	0	0	4	15	13	8	3
1943	2	0	0	0	0	0	0	1	3	18	12	8	4
1944	4	0	0	0	0	0	0	0	0	17	15	10	4
1945	2	0	0	0	0	0	0	0	0	19	8	10	3
1946	3	0	0	0	0	0	0	0	19	12	13	12	5
1947	2	0	0	0	0	0	0	0	0	18	16	17	4
1948	2	0	0	0	0	0	0	0	3	4	15	11	3
1949	3	0	0	0	0	0	0	0	0	14	21	12	4
1950	6	0	0	0	0	0	0	0	0	9	26	16	5
1951	0	0	0	0	0	0	0	0	1	21	15	12	4
1952	2	0	0	0	0	0	0	0	0	0	0	14	1
1953	4	0	0	0	0	0	0	0	0	21	20	13	5
1954	2	0	0	0	0	0	0	2	20	13	17	6	5
1955	2	0	0	0	0	0	0	0	12	19	17	0	4
1956	2	0	0	0	0	0	0	0	19	16	20	0	5
1957	4	0	0	0	0	0	0	0	2	15	18	10	4
1958	2	0	0	0	0	0	0	0	3	23	17	10	5
1959	1	0	0	0	0	0	0	0	16	7	9	5	3
1960	0	0	0	0	0	0	0	0	0	0	0	7	1
1961	1	0	0	0	0	0	0	0	0	6	4	3	1
1962	0	0	0	0	0	0	0	0	8	10	14	5	3
1963	1	0	0	0	0	0	0	0	2	15	10	3	3
1964	3	0	0	0	0	0	0	0	0	24	14	3	4
1965	1	0	0	0	0	0	0	0	0	6	12	5	2
1966	2	0	0	0	0	0	0	0	25	11	13	5	5
1967	4	0	0	0	0	0	0	0	0	2	19	11	3
1968	0	0	0	0	0	0	0	0	1	11	12	10	3
1969	2	0	0	0	0	0	0	0	0	3	24	12	3
1970	2	0	0	0	0	0	0	0	0	11	22	4	3
1971	3	0	0	0	0	0	0	0	0	13	23	0	3
1972	0	0	0	0	0	0	0	0	0	13	24	1	3
1973	0	0	0	0	0	0	0	0	0	3	11	4	1
Average	2	0	0	0	0	0	0	1	6	11	13	8	3

PROPOSED ACTION
Spanish Fork River below Mill Race Diversion - Bonneville Unit Water in Stream
Location #9
Water Year Monthly Summary
(Acre-Feet)

(9e)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1283	2643	2613	3363	2603	1776	300	0	0	0	50	0	14,600
1931	2785	4642	8338	10119	9773	9604	4240	2823	1903	2532	8286	4113	69,200
1932	4318	6662	6641	8842	10275	14201	12705	27503	27704	23699	13966	4573	161,100
1933	1508	8501	9102	10223	9257	11184	10071	8755	7852	4574	2960	10961	94,900
1934	5078	5209	7360	6802	6407	9533	5769	3251	0	0	2502	2300	54,200
1935	3610	4174	6705	8336	7995	7408	2786	20609	23868	1036	2119	6721	95,400
1936	7124	8260	7180	9116	9069	9245	19255	30909	20949	15406	9876	1221	147,600
1937	6162	8736	9673	11858	11677	13885	15756	21907	19062	12555	8032	4240	143,500
1938	585	9472	9146	9624	9534	13205	14067	20627	16494	10578	5798	3656	122,800
1939	265	8968	8672	9336	9039	11707	10239	11793	10003	5127	1782	3412	90,300
1940	2265	12462	8543	9322	9586	9339	4689	10613	7651	3842	1994	4181	84,500
1941	3961	6614	8280	9826	9831	11545	9236	13957	14633	9454	5624	3860	106,800
1942	1260	3497	5064	5926	5985	7069	8188	12151	12467	10373	7600	5953	85,500
1943	481	9213	9279	9963	9469	10665	10844	15705	17614	14227	11439	9328	128,200
1944	119	12922	12357	11897	10235	10403	9570	12543	1826	2002	1439	2077	87,400
1945	211	4042	5274	5909	6846	7811	7192	9050	6572	4594	0	0	57,500
1946	241	4803	6470	7231	7169	8356	10817	14067	10925	8502	5830	4724	89,100
1947	788	4505	5413	5971	6205	7628	8427	5306	800	0	10	0	45,100
1948	248	4252	5530	5821	6084	6954	9071	10181	6022	4984	4323	4391	67,900
1949	1323	4181	5901	7169	6670	8566	9961	13525	9813	7820	5951	4684	85,600
1950	184	4495	5663	7114	7502	8785	11261	14438	17847	15459	8265	7325	108,300
1951	2308	4175	6465	7675	7899	8881	12963	17212	9452	7849	2186	2408	89,500
1952	632	4284	5957	7135	7032	8500	1500	2044	102	80	0	0	37,300
1953	259	4031	6184	2809	2499	2509	1526	10	0	0	0	0	19,800
1954	485	4202	5383	6667	7438	8363	6573	8107	6351	4939	4501	4820	67,800
1955	1177	4214	5499	6338	6535	8050	7469	9555	8955	6991	4930	4137	73,900
1956	1661	9288	10338	10850	10725	10519	10107	16399	16502	13297	9966	8089	127,700
1957	2963	8640	9624	10432	11037	11823	10690	13144	17969	15965	12807	10227	135,300
1958	85	2565	3190	4436	5310	7355	8497	18588	10325	8272	6908	6527	82,100
1959	1281	5144	6200	6939	7315	8164	6392	5771	5761	4747	3247	3674	64,600
1960	1865	8607	8835	8848	8478	9473	7960	9557	9043	6892	24127	6278	110,000
1961	6549	9236	5089	6199	6858	8164	7016	4788	1140	3356	5304	3231	66,900
1962	5741	7765	8683	7059	5766	7756	11720	18576	21403	17645	13025	2570	127,700
1963	8449	4338	5927	6705	7467	8732	9072	10761	12483	10239	4961	2121	91,300
1964	6062	4795	6926	7758	7526	8249	8626	13137	19247	14218	12173	9695	118,400
1965	1901	8685	9757	9825	9726	9576	10164	15477	15457	14492	697	0	105,800
1966	1283	4538	6479	7363	7480	8871	7960	10540	9043	6630	4576	3771	78,500
1967	986	6040	7342	7894	7823	8981	9262	12044	16610	16680	8208	6444	108,300
1968	2610	3757	5461	6436	7134	8242	8489	9555	10020	7893	10	0	69,600
1969	78	4419	5770	8239	8820	9863	17817	10195	0	0	0	70	65,300
1970	1893	4202	5853	7328	7951	8736	7377	13156	1352	7	0	0	57,900
1971	2126	4199	6033	6919	7230	8006	12628	825	100	0	0	225	48,300
1972	3099	4262	6193	7513	7763	10792	14207	0	0	0	100	0	53,900
1973	2887	3924	5548	6463	6817	8066	10543	3045	1508	40	0	0	48,800
Average	2,300	6,000	7,000	7,800	7,800	9,000	9,200	11,400	9,700	7,200	5,100	3,700	86,100

PROPOSED ACTION

3/17/99

Spanish Fork River below Mill Race Diversion - Bonneville Unit Water in Stream

Location #9

Water Year Monthly Summary
(cfs)

9e

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	21	44	43	55	47	29	5	0	0	0	1	0	20
1931	45	78	136	165	176	156	71	46	32	41	135	69	96
1932	70	112	108	144	179	231	214	448	466	386	228	77	222
1933	25	143	148	167	167	182	170	143	132	75	48	185	132
1934	83	88	120	111	116	155	97	53	0	0	41	39	75
1935	59	70	109	136	144	121	47	336	402	17	35	113	132
1936	116	139	117	149	158	151	324	504	353	251	161	21	204
1937	100	147	158	193	211	226	265	357	321	205	131	71	199
1938	10	159	149	157	172	215	237	336	278	172	94	62	170
1939	4	151	141	152	163	191	172	192	168	84	29	57	125
1940	37	210	139	152	167	152	79	173	129	63	32	70	117
1941	65	111	135	160	177	188	155	227	246	154	92	65	148
1942	21	59	83	97	108	115	138	198	210	169	124	100	118
1943	8	155	151	162	171	174	183	256	297	232	186	157	178
1944	2	218	201	194	178	169	161	204	31	33	23	35	121
1945	3	68	86	96	123	127	121	147	111	75	0	0	80
1946	4	81	105	118	129	136	182	229	184	139	95	80	123
1947	13	76	88	97	112	124	142	86	13	0	0	0	63
1948	4	72	90	95	106	113	153	166	101	81	70	74	94
1949	22	70	96	117	120	140	168	220	165	127	97	79	118
1950	3	76	92	116	135	143	190	235	300	252	135	123	150
1951	38	70	105	125	142	145	218	280	159	128	36	41	124
1952	10	72	97	116	122	138	25	33	2	1	0	0	52
1953	4	68	101	46	45	41	26	0	0	0	0	0	28
1954	8	71	88	109	134	136	111	132	107	80	73	81	94
1955	19	71	90	103	118	131	126	156	151	114	80	70	102
1956	27	156	168	177	187	171	170	267	278	217	162	136	176
1957	48	145	157	170	199	193	180	214	303	260	209	172	187
1958	1	43	52	72	96	120	143	303	174	135	113	110	113
1959	21	87	101	113	132	133	108	94	97	77	53	62	90
1960	30	145	144	144	148	154	134	156	152	112	393	106	152
1961	107	155	83	101	124	133	118	78	19	55	86	54	93
1962	94	131	141	115	104	126	197	303	360	287	212	43	176
1963	138	73	97	109	135	142	153	175	210	167	81	36	126
1964	99	81	113	126	131	134	145	214	324	232	198	163	163
1965	31	146	159	160	175	156	171	252	260	236	11	0	147
1966	21	76	106	120	135	145	134	172	152	108	75	63	109
1967	16	102	120	129	141	146	156	196	280	272	134	108	150
1968	43	63	89	105	124	134	143	156	169	129	0	0	96
1969	1	74	94	134	159	161	300	166	0	0	0	1	91
1970	31	71	95	119	143	142	124	214	23	0	0	0	80
1971	35	71	98	113	130	130	213	13	2	0	0	4	67
1972	50	72	101	122	135	176	239	0	0	0	2	0	75
1973	47	66	90	105	123	131	177	50	25	1	0	0	68
Average	37	101	113	126	140	147	154	186	163	117	84	62	119

PROPOSED ACTION
Spanish Fork River below Mill Race Diversion - River Water
Location #9
Water Year Monthly Summary
(Acre-Feet)

(9f)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	5108	5720	6550	4400	6300	12025	16218	3921	991	100	0	823	62,200
1931	5700	5000	5600	4400	5200	8750	9338	559	735	220	100	212	45,800
1932	879	3500	5100	3400	5200	4600	8245	0	1436	110	100	0	32,600
1933	1631	4300	4700	3508	2907	4738	618	723	2134	2365	1349	1172	30,100
1934	2160	3237	3416	3253	3400	3705	58	644	802	627	698	305	22,300
1935	1085	2580	2755	2790	3166	3510	1398	2503	2013	1295	100	328	23,500
1936	717	2943	2760	2923	3155	5755	20341	8968	122	2109	376	195	50,400
1937	1384	3699	3503	3620	4967	10455	19261	24016	2641	971	100	40	74,700
1938	2149	4326	4185	4126	4203	9495	13638	17010	0	0	535	0	59,700
1939	1599	4040	4580	4264	3622	11701	6715	50	0	0	100	253	36,900
1940	2279	3495	3425	3759	4499	7417	10596	5053	20	224	447	658	41,900
1941	2396	3852	3812	3776	4542	5341	5812	7308	1604	536	650	40	39,700
1942	2805	4429	4343	4191	3981	8237	20828	12337	1089	525	40	30	62,800
1943	2140	4901	4933	4731	6198	7468	5147	1086	1611	100	0	0	38,300
1944	2055	3880	3878	3461	4147	6056	10710	24061	2970	100	0	30	61,300
1945	2248	4746	4085	4173	5623	6063	8219	18582	3395	100	720	105	58,100
1946	2747	4639	4467	4554	5020	7661	18872	3848	60	100	100	0	52,100
1947	3404	4806	4677	3890	4887	9834	10621	4700	2309	0	60	10	49,200
1948	2120	3898	3723	3560	4635	6351	11330	9055	76	100	60	40	44,900
1949	1924	3866	3808	3963	4092	6990	10640	11848	1454	100	70	0	48,800
1950	2970	4326	3896	4520	5169	7163	11286	9576	1164	1210	120	0	51,400
1951	2161	5086	5209	4128	5014	5852	7255	4400	1460	0	60	0	40,600
1952	1998	4019	3917	4590	4655	6625	62719	98393	11632	1908	847	0	201,300
1953	586	7760	8065	8049	6262	8152	7922	2232	404	100	80	0	49,600
1954	2203	4629	4425	4502	4707	5281	6121	120	0	100	210	245	32,500
1955	919	3513	3479	3176	3148	6482	7961	3293	0	170	110	0	32,300
1956	714	3467	4598	4713	3669	6290	4159	0	0	0	200	0	27,800
1957	1863	3116	3560	3437	5512	6583	9599	19833	8248	981	210	20	63,000
1958	2751	4374	4560	4506	5399	8069	16168	17821	0	100	98	0	63,800
1959	1870	4465	4558	4637	4471	5141	2001	40	0	499	216	0	27,900
1960	1784	2676	2690	3055	3291	5602	3915	100	0	60	100	0	23,300
1961	1844	2830	2489	2789	2801	3558	694	40	0	100	156	318	17,600
1962	2508	2539	2515	3057	7339	6010	20441	3881	378	0	70	207	48,900
1963	3153	3622	3062	3269	4189	1554	74	1176	1485	1457	490	537	24,100
1964	2382	3172	3209	3031	2408	3161	7511	13295	3286	0	80	0	41,500
1965	3294	3130	3769	4399	4251	5666	13158	8341	3940	1441	479	1287	53,200
1966	2982	4277	4120	3991	4552	9063	3759	808	0	100	282	104	34,000
1967	3073	3279	3275	3894	3646	7567	5907	2087	6967	410	50	0	40,200
1968	4708	4082	3913	3848	4830	6411	10451	15403	3189	2539	1545	2341	63,300
1969	5139	4915	4588	5897	4834	8928	38614	14358	5563	1907	1922	2029	98,700
1970	5123	4122	4860	5343	5294	5881	4717	6294	4087	0	17	2249	48,000
1971	5077	5169	4352	5207	5788	9142	13406	11950	0	22	54	1049	61,200
1972	5365	5292	5034	5020	5524	9812	5971	1797	0	101	0	37	44,000
1973	4601	4491	4173	3961	3997	6214	16372	38007	1231	23	85	1546	84,700
Average	2,600	4,100	4,200	4,100	4,600	6,800	11,100	9,800	1,800	520	300	370	50,200

PROPOSED ACTION
Spanish Fork River below Mill Race Diversion - River Water
Location #9
Water Year Monthly Summary
(cfs)

(9f)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	83	96	107	72	114	196	273	64	17	2	0	14	86
1931	93	84	91	72	94	143	157	9	12	4	2	4	64
1932	14	59	83	55	91	75	139	0	24	2	2	0	45
1933	27	72	77	57	52	77	10	12	36	39	22	20	42
1934	35	54	56	53	61	60	1	10	14	10	11	5	31
1935	18	43	45	45	57	57	24	41	34	21	2	6	33
1936	12	50	45	48	55	94	342	146	2	34	6	3	70
1937	23	62	57	59	90	170	324	391	44	16	2	1	103
1938	35	73	68	67	76	155	230	277	0	0	9	0	82
1939	26	68	75	69	65	191	113	1	0	0	2	4	51
1940	37	59	56	61	78	121	178	82	0	4	7	11	58
1941	39	65	62	62	82	87	98	119	27	9	11	1	55
1942	46	75	71	68	72	134	351	201	18	9	1	1	87
1943	35	83	80	77	112	122	87	18	27	2	0	0	53
1944	33	65	63	56	72	99	180	392	50	2	0	1	84
1945	37	80	67	68	101	99	138	303	57	2	12	2	80
1946	45	78	73	74	91	125	318	63	1	2	2	0	72
1947	55	81	76	63	88	160	179	77	39	0	1	0	68
1948	35	66	61	58	81	103	191	148	1	2	1	1	62
1949	31	65	62	65	74	114	179	193	24	2	1	0	68
1950	48	73	63	74	93	117	190	156	20	20	2	0	71
1951	35	86	85	67	90	95	122	72	25	0	1	0	57
1952	33	68	64	75	81	108	1,056	1,603	196	31	14	0	277
1953	10	131	131	131	113	133	133	36	7	2	1	0	69
1954	36	78	72	73	85	86	103	2	0	2	3	4	45
1955	15	59	57	52	57	106	134	54	0	3	2	0	45
1956	12	58	75	77	64	102	70	0	0	0	3	0	38
1957	30	52	58	56	99	107	162	323	139	16	3	0	87
1958	45	74	74	73	97	131	272	290	0	2	2	0	88
1959	30	75	74	76	81	84	34	1	0	8	4	0	39
1960	29	45	44	50	57	91	66	2	0	1	2	0	32
1961	30	48	41	45	51	58	12	1	0	2	3	5	25
1962	41	43	41	50	132	98	344	63	6	0	1	3	69
1963	51	61	50	53	76	25	1	19	25	24	8	9	34
1964	39	53	52	49	42	51	126	217	55	0	1	0	57
1965	54	53	61	72	77	92	222	136	66	23	8	22	74
1966	49	72	67	65	82	148	63	13	0	2	5	2	47
1967	50	55	53	63	66	123	99	34	117	7	1	0	56
1968	77	69	64	63	84	104	176	251	54	41	25	39	87
1969	84	83	75	96	87	145	650	234	94	31	31	34	137
1970	83	69	79	87	95	96	79	103	69	0	0	38	67
1971	83	87	71	85	104	149	226	195	0	0	1	18	85
1972	87	89	82	82	96	160	101	29	0	2	0	1	61
1973	75	76	68	65	72	101	276	619	21	0	1	26	117
Average	43	69	68	67	82	111	187	159	30	8	5	6	70

PROPOSED ACTION
Spanish Fork River at Lake Shore Gage - Total Flow
Location #10
Water Year Monthly Summary
(Acre-Feet)

(10a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	4,677	9,132	10,799	9,053	9,790	19,645	23,958	100	0	0	100	2,196	89,400
1931	6,578	10,033	15,326	15,809	15,862	19,187	14,702	2,823	1,973	2,532	8,286	4,113	117,200
1932	4,418	9,956	12,830	12,336	16,154	20,191	24,784	27,593	27,804	23,799	14,066	4,573	198,500
1933	1,907	12,893	14,592	13,917	13,150	17,373	15,062	8,955	10,347	4,953	3,130	12,089	128,400
1934	5,477	8,104	10,554	9,897	10,799	14,724	5,969	3,251	0	0	2,502	2,300	73,600
1935	3,710	6,370	8,502	10,732	12,088	12,499	9,275	15,463	29,513	1,036	2,119	6,821	118,100
1936	8,721	10,756	9,177	11,711	13,021	16,133	46,233	51,373	23,999	16,005	9,976	2,718	219,800
1937	8,358	12,130	12,867	15,552	17,367	25,465	35,356	50,173	19,262	12,954	8,132	4,340	222,000
1938	1,583	13,764	13,638	14,339	14,805	23,948	26,711	28,559	16,613	10,670	5,859	3,686	174,200
1939	1,229	13,196	13,766	14,296	13,249	24,080	15,934	11,944	10,063	5,158	1,813	3,442	128,200
1940	4,892	14,741	10,214	13,646	14,562	16,591	10,446	10,935	7,689	3,860	2,006	4,217	113,800
1941	4,191	9,719	12,274	13,893	15,015	17,576	16,170	16,953	15,263	9,559	5,795	3,955	140,400
1942	3,660	7,715	9,674	11,120	10,913	15,817	26,815	23,552	12,610	10,468	7,681	6,043	146,100
1943	1,552	13,167	13,785	14,970	16,330	19,060	14,357	15,846	19,598	14,288	11,442	9,288	163,700
1944	1,960	16,613	16,442	16,195	15,289	18,038	21,945	35,014	3,914	2,160	1,428	2,154	151,200
1945	1,086	8,208	9,430	10,787	13,776	15,115	16,759	25,199	6,978	4,660	433	128	112,600
1946	2,296	9,317	11,370	12,389	12,903	17,321	31,403	14,125	10,985	8,529	5,905	4,969	141,500
1947	3,939	9,744	10,833	10,889	12,273	18,278	18,471	8,057	1,152	13	80	62	93,800
1948	2,473	8,721	10,120	10,470	11,169	14,051	20,442	11,499	6,238	5,031	4,382	4,447	109,000
1949	2,921	7,992	10,014	11,258	11,091	17,442	19,655	19,797	10,106	8,030	6,058	4,691	129,100
1950	3,255	9,116	10,086	12,578	13,725	16,786	23,145	23,493	17,916	15,515	8,265	7,340	161,200
1951	2,913	8,671	12,126	13,252	14,152	15,795	20,170	20,603	9,549	7,961	2,254	2,441	129,900
1952	3,445	8,341	10,281	12,346	12,662	17,329	66,143	95,177	16,685	105	258	2,376	245,100
1953	3,071	11,159	15,391	11,402	8,875	11,522	11,049	2,539	33	184	426	147	75,800
1954	2,103	8,819	10,666	12,399	13,134	15,315	12,725	8,124	6,352	4,955	4,604	5,003	104,200
1955	2,092	7,588	9,045	9,714	10,249	15,608	16,278	11,581	8,958	7,106	5,140	4,132	107,500
1956	2,621	12,618	15,637	16,859	15,715	18,993	15,013	16,548	16,532	13,298	10,095	8,109	162,000
1957	3,800	11,827	14,176	15,131	17,876	18,390	20,090	30,772	25,525	16,017	12,925	10,340	196,900
1958	2,638	7,636	8,821	9,871	11,773	16,354	23,995	33,586	10,438	8,295	6,933	6,590	146,900
1959	1,865	8,347	12,081	12,665	13,089	14,518	7,966	5,812	5,783	4,794	3,309	4,045	94,300
1960	2,751	9,582	12,082	13,184	12,380	16,040	12,443	9,599	9,118	6,976	24,231	7,238	135,600
1961	7,821	12,268	8,562	9,904	10,394	12,241	7,972	5,037	1,163	3,380	5,414	3,261	87,400
1962	6,324	10,620	11,433	10,455	13,094	15,122	33,256	22,686	22,575	17,745	13,063	2,603	179,000
1963	9,004	5,822	9,337	10,629	12,071	9,618	9,846	11,228	12,581	10,254	5,128	2,294	107,800
1964	6,129	7,865	10,625	11,358	10,463	12,318	16,742	25,247	19,262	14,309	12,257	9,739	156,300
1965	2,084	10,843	13,479	13,775	14,514	15,518	21,837	20,997	16,639	14,994	1,112	2,048	147,800
1966	3,550	8,780	11,827	12,810	12,346	18,205	11,553	10,829	9,137	6,684	4,649	3,912	114,300
1967	3,183	9,778	11,694	12,656	12,353	16,712	15,415	13,873	22,830	17,067	8,588	6,912	151,100
1968	5,487	7,784	9,322	9,458	12,779	15,582	19,411	22,342	13,393	8,909	856	692	126,000
1969	3,393	9,819	11,637	15,175	14,833	20,149	51,928	25,084	2,843	1,562	369	252	157,000
1970	6,686	9,793	12,147	14,571	14,724	16,473	13,052	17,027	4,043	359	681	2,164	111,700
1971	6,251	9,510	11,829	13,718	14,025	17,962	26,463	11,549	1,910	592	537	1,917	116,300
1972	8,433	10,469	12,670	14,769	14,567	21,090	21,121	795	729	113	149	761	105,700
1973	7,825	10,230	11,987	13,003	12,537	15,352	27,603	43,122	4,986	289	620	2,025	149,600
Average	4,100	10,000	11,700	12,600	13,200	16,900	20,900	19,700	11,200	7,400	5,300	4,100	137,300

PROPOSED ACTION
Spanish Fork River at Lake Shore Gage - Total Flow
Location #10
Water Year Monthly Summary
(cfs)

(10a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	76	154	176	147	177	320	403	2	0	0	2	37	124
1931	107	169	250	258	286	313	248	46	33	41	135	69	163
1932	72	168	209	201	281	329	417	450	468	388	229	77	274
1933	31	217	238	227	237	283	254	146	174	81	51	204	178
1934	89	136	172	161	195	240	100	53	0	0	41	39	102
1935	60	107	139	175	218	204	156	252	497	17	35	115	164
1936	142	181	150	191	227	263	778	837	404	261	163	46	303
1937	136	204	210	253	313	415	595	817	324	211	132	73	307
1938	26	232	222	234	267	390	450	465	280	174	95	62	241
1939	20	222	224	233	239	392	268	195	169	84	30	58	178
1940	80	248	166	222	254	270	176	178	129	63	33	71	158
1941	68	164	200	226	271	286	272	276	257	156	94	67	195
1942	60	130	158	181	197	258	451	384	212	171	125	102	202
1943	25	222	225	244	295	311	242	258	330	233	186	156	227
1944	32	280	268	264	266	294	369	570	66	35	23	36	209
1945	18	138	154	176	248	246	282	411	117	76	7	2	156
1946	37	157	185	202	233	282	529	230	185	139	96	84	197
1947	64	164	176	177	221	298	311	131	19	0	1	1	130
1948	40	147	165	171	195	229	344	187	105	82	71	75	151
1949	48	135	163	183	200	284	331	323	170	131	99	79	179
1950	53	153	164	205	248	273	390	383	302	253	135	124	223
1951	47	146	198	216	255	257	340	336	161	130	37	41	180
1952	56	140	168	201	221	282	1,114	1,551	281	2	4	40	338
1953	50	188	251	186	160	188	186	41	1	3	7	2	105
1954	34	148	174	202	237	250	214	132	107	81	75	84	145
1955	34	128	147	158	185	254	274	189	151	116	84	70	149
1956	43	212	255	275	274	309	253	270	278	217	164	137	224
1957	62	199	231	247	322	300	338	501	430	261	211	174	273
1958	43	129	144	161	212	266	404	547	176	135	113	111	203
1959	30	141	197	206	236	237	134	95	97	78	54	68	131
1960	45	161	197	215	216	261	209	156	153	114	395	122	187
1961	127	207	139	161	187	199	134	82	20	55	88	55	121
1962	103	179	186	170	236	246	560	370	380	289	213	44	248
1963	147	98	152	173	218	157	166	183	212	167	84	39	150
1964	100	132	173	185	182	201	282	411	324	233	200	164	216
1965	34	183	220	224	262	253	368	342	280	244	18	34	205
1966	58	148	193	209	223	297	194	176	154	109	76	66	158
1967	52	165	191	206	223	272	260	226	384	278	140	116	209
1968	89	131	152	154	223	254	327	364	225	145	14	12	174
1969	55	165	190	247	268	328	874	409	48	25	6	4	218
1970	109	165	198	237	266	268	220	277	68	6	11	36	155
1971	102	160	193	223	253	293	446	188	32	10	9	32	162
1972	137	176	206	241	254	344	356	13	12	2	2	13	146
1973	127	172	195	212	226	250	465	703	84	5	10	34	207
Average	68	168	190	205	236	276	352	322	189	120	86	70	190

PROPOSED ACTION
Spanish Fork River at Lake Shore Gage - Bonneville Unit Water in Stream
Location #10
Water Year Monthly Summary
(Acre-Feet)

(10b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1283	2643	2613	3363	2603	1776	300	0	0	0	50	0	14,600
1931	2785	4642	8338	10119	9773	9604	4240	2823	1903	2532	8286	4113	69,200
1932	4318	6662	6641	8842	10275	14201	12705	27503	27704	23699	13966	4573	161,100
1933	1508	8501	9102	10223	9257	11184	10071	8755	7852	4574	2960	10961	94,900
1934	5078	5209	7360	6802	6407	9533	5769	3251	0	0	2502	2300	54,200
1935	3610	4174	6705	8336	7995	7408	2786	20609	23868	1036	2119	6721	95,400
1936	7124	8260	7180	9116	9069	9245	19255	30909	20949	15406	9876	1221	147,600
1937	6162	8736	9673	11858	11677	13885	15756	21907	19062	12555	8032	4240	143,500
1938	585	9472	9146	9624	9534	13205	14067	20627	16494	10578	5798	3656	122,800
1939	265	8968	8672	9336	9039	11707	10239	11793	10003	5127	1782	3412	90,300
1940	2265	12462	8543	9322	9586	9339	4689	10613	7651	3842	1994	4181	84,500
1941	3961	6614	8280	9826	9831	11545	9236	13957	14633	9454	5624	3860	106,800
1942	1260	3497	5064	5926	5985	7069	8188	12151	12467	10373	7600	5953	85,500
1943	481	9213	9279	9963	9469	10665	10844	15705	17614	14227	11439	9328	128,200
1944	119	12922	12357	11897	10235	10403	9570	12543	1826	2002	1439	2077	87,400
1945	211	4042	5274	5909	6846	7811	7192	9050	6572	4594	0	0	57,500
1946	241	4803	6470	7231	7169	8356	10817	14067	10925	8502	5830	4724	89,100
1947	788	4505	5413	5971	6205	7628	8427	5306	800	0	10	0	45,100
1948	248	4252	5530	5821	6084	6954	9071	10181	6022	4984	4323	4391	67,900
1949	1323	4181	5901	7169	6670	8566	9961	13525	9813	7820	5951	4684	85,600
1950	184	4495	5663	7114	7502	8785	11261	14438	17847	15459	8265	7325	108,300
1951	2308	4175	6465	7675	7899	8881	12963	17212	9452	7849	2186	2408	89,500
1952	632	4284	5957	7135	7032	8500	1500	2044	102	80	0	0	37,300
1953	259	4031	6184	2809	2499	2509	1526	10	0	0	0	0	19,800
1954	485	4202	5383	6667	7438	8363	6573	8107	6351	4939	4501	4820	67,800
1955	1177	4214	5499	6338	6535	8050	7469	9555	8955	6991	4930	4137	73,900
1956	1661	9288	10338	10850	10725	10519	10107	16399	16502	13297	9966	8089	127,700
1957	2963	8640	9624	10432	11037	11823	10690	13144	17969	15965	12807	10227	135,300
1958	85	2565	3190	4436	5310	7355	8497	18588	10325	8272	6908	6527	82,100
1959	1281	5144	6200	6939	7315	8164	6392	5771	5761	4747	3247	3674	64,600
1960	1865	8607	8835	8848	8478	9473	7960	9557	9043	6892	24127	6278	110,000
1961	6549	9236	5089	6199	6858	8164	7016	4788	1140	3356	5304	3231	66,900
1962	5741	7765	8683	7059	5766	7756	11720	18576	21403	17645	13025	2570	127,700
1963	8449	4338	5927	6705	7467	8732	9072	10761	12483	10239	4961	2121	91,300
1964	6062	4795	6926	7758	7526	8249	8626	13137	19247	14218	12173	9695	118,400
1965	1901	8685	9757	9825	9726	9576	10164	15477	15457	14492	697	0	105,800
1966	1283	4538	6479	7363	7480	8871	7960	10540	9043	6630	4576	3771	78,500
1967	986	6040	7342	7894	7823	8981	9262	12044	16610	16680	8208	6444	108,300
1968	2610	3757	5461	6436	7134	8242	8489	9555	10020	7893	10	0	69,600
1969	78	4419	5770	8239	8820	9863	17817	10195	0	0	0	70	65,300
1970	1893	4202	5853	7328	7951	8736	7377	13156	1352	7	0	0	57,900
1971	2126	4199	6033	6919	7230	8006	12628	825	100	0	0	225	48,300
1972	3099	4262	6193	7513	7763	10792	14207	0	0	0	100	0	53,900
1973	2887	3924	5548	6463	6817	8066	10543	3045	1508	40	0	0	48,800
Average	2,300	6,000	7,000	7,800	7,800	9,000	9,200	11,400	9,700	7,200	5,100	3,700	86,100

PROPOSED ACTION

3/17/99

Spanish Fork River at Lake Shore Gage - Bonneville Unit Water in Stream
 Location #10
 Water Year Monthly Summary
 (cfs)

(10b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	21	44	43	55	47	29	5	0	0	0	1	0	20
1931	45	78	136	165	176	156	71	46	32	41	135	69	96
1932	70	112	108	144	179	231	214	448	466	386	228	77	222
1933	25	143	148	167	167	182	170	143	132	75	48	185	132
1934	83	88	120	111	116	155	97	53	0	0	41	39	75
1935	59	70	109	136	144	121	47	336	402	17	35	113	132
1936	116	139	117	149	158	151	324	504	353	251	161	21	204
1937	100	147	158	193	211	226	265	357	321	205	131	71	199
1938	10	159	149	157	172	215	237	336	278	172	94	62	170
1939	4	151	141	152	163	191	172	192	168	84	29	57	125
1940	37	210	139	152	167	152	79	173	129	63	32	70	117
1941	65	111	135	160	177	188	155	227	246	154	92	65	148
1942	21	59	83	97	108	115	138	198	210	169	124	100	118
1943	8	155	151	162	171	174	183	256	297	232	186	157	178
1944	2	218	201	194	178	169	161	204	31	33	23	35	121
1945	3	68	86	96	123	127	121	147	111	75	0	0	80
1946	4	81	105	118	129	136	182	229	184	139	95	80	123
1947	13	76	88	97	112	124	142	86	13	0	0	0	63
1948	4	72	90	95	106	113	153	166	101	81	70	74	94
1949	22	70	96	117	120	140	168	220	165	127	97	79	118
1950	3	76	92	116	135	143	190	235	300	252	135	123	150
1951	38	70	105	125	142	145	218	280	159	128	36	41	124
1952	10	72	97	116	122	138	25	33	2	1	0	0	52
1953	4	68	101	46	45	41	26	0	0	0	0	0	28
1954	8	71	88	109	134	136	111	132	107	80	73	81	94
1955	19	71	90	103	118	131	126	156	151	114	80	70	102
1956	27	156	168	177	187	171	170	267	278	217	162	136	176
1957	48	145	157	170	199	193	180	214	303	260	209	172	187
1958	1	43	52	72	96	120	143	303	174	135	113	110	113
1959	21	87	101	113	132	133	108	94	97	77	53	62	90
1960	30	145	144	144	148	154	134	156	152	112	393	106	152
1961	107	155	83	101	124	133	118	78	19	55	86	54	93
1962	94	131	141	115	104	126	197	303	360	287	212	43	176
1963	138	73	97	109	135	142	153	175	210	167	81	36	126
1964	99	81	113	126	131	134	145	214	324	232	198	163	163
1965	31	146	159	160	175	156	171	252	260	236	11	0	147
1966	21	76	106	120	135	145	134	172	152	108	75	63	109
1967	16	102	120	129	141	146	156	196	280	272	134	108	150
1968	43	63	89	105	124	134	143	156	169	129	0	0	96
1969	1	74	94	134	159	161	300	166	0	0	0	1	91
1970	31	71	95	119	143	142	124	214	23	0	0	0	80
1971	35	71	98	113	130	130	213	13	2	0	0	4	67
1972	50	72	101	122	135	176	239	0	0	0	2	0	75
1973	47	66	90	105	123	131	177	50	25	1	0	0	68
Average	37	101	113	126	140	147	154	186	163	117	84	62	119

PROPOSED ACTION
Spanish Fork River at Lake Shore Gage - River Water
Location #10
Water Year Monthly Summary
(Acre-Feet)

(10c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	3,394	6,489	8,186	5,690	7,187	17,869	23,958	100	0	0	100	2,196	75,200
1931	3,793	5,391	6,988	5,690	6,089	9,583	10,482	0	0	0	0	0	48,000
1932	100	3,294	6,189	3,494	5,879	5,990	12,079	100	100	100	100	0	37,400
1933	399	4,392	5,490	3,694	3,893	6,189	4,991	200	3,095	299	100	1,198	33,900
1934	399	2,895	3,194	3,095	4,392	5,191	200	0	0	0	0	0	19,400
1935	100	2,196	1,797	2,396	4,093	5,091	6,489	200	299	0	0	100	22,800
1936	1,597	2,496	1,997	2,595	3,952	6,888	29,948	20,464	100	599	100	1,497	72,200
1937	2,196	3,394	3,194	3,694	5,690	11,580	20,264	27,652	200	399	100	100	78,500
1938	998	4,292	4,492	4,715	5,271	10,743	12,644	7,932	119	92	61	30	51,400
1939	964	4,228	5,094	4,960	4,210	12,373	5,635	151	60	31	31	30	37,800
1940	2,627	2,279	1,671	4,324	4,976	7,252	5,677	422	18	18	12	36	29,300
1941	230	3,105	3,994	4,067	5,184	6,031	6,934	3,086	630	105	171	55	33,600
1942	2,400	4,218	4,610	5,194	4,928	8,748	18,627	11,401	143	95	61	60	60,500
1943	1,071	3,954	4,506	5,007	6,861	8,395	3,493	101	1,984	61	63	20	35,500
1944	1,841	3,691	4,085	4,298	5,054	7,635	12,375	22,471	2,088	158	39	47	63,800
1945	875	4,166	4,156	4,878	6,930	7,304	9,567	16,199	406	66	433	128	55,100
1946	2,055	4,514	4,900	5,158	5,734	8,965	20,586	58	30	27	75	245	52,300
1947	3,151	5,239	5,420	4,918	6,068	10,650	10,044	2,671	352	13	80	62	48,700
1948	2,225	4,469	4,590	4,649	5,085	7,097	11,371	2,318	206	47	29	36	42,100
1949	1,598	3,811	4,113	4,089	4,421	8,876	9,674	6,292	293	210	107	7	43,500
1950	3,071	4,621	4,423	5,464	6,223	8,001	11,884	9,025	79	56		15	52,900
1951	605	4,496	5,661	5,577	6,253	6,914	7,207	3,461	97	112	78	33	40,500
1952	2,813	4,057	4,324	5,211	5,630	8,829	64,643	93,133	16,583	105	258	2,376	208,000
1953	2,812	7,128	9,207	8,593	6,376	9,013	9,523	2,529	33	184	426	147	56,000
1954	1,618	4,617	5,283	5,732	5,696	6,952	6,122	7	1	16	3	183	36,200
1955	915	3,374	3,546	3,376	3,714	7,558	8,809	2,096	3	15	170	55	33,600
1956	960	3,330	5,299	6,009	4,990	8,474	4,906	189	30	31	29	20	34,300
1957	837	3,187	4,552	4,699	6,839	6,567	9,400	17,628	7,556	52	18	53	61,400
1958	2,553	5,071	5,631	5,435	6,463	8,999	15,498	15,008	133	23	25	73	64,900
1959	584	3,203	5,881	5,726	5,774	6,354	1,574	21	22	47	12	371	29,600
1960	886	975	3,247	4,336	3,902	6,567	4,483	42	75	54	104	960	25,600
1961	1,272	3,032	3,473	3,705	3,536	4,077	956	279	73	24	110	30	20,600
1962	583	2,855	2,750	3,396	7,328	7,366	21,536	4,110	1,272	50	38	33	51,300
1963	555	1,484	3,410	3,924	4,604	886	774	537	98	15	147	173	16,600
1964	67	3,070	3,699	3,600	2,937	4,069	8,116	12,130	15	151	94	44	38,000
1965	183	2,158	3,722	3,950	4,788	5,942	11,673	5,520	1,182	502	475	2,048	42,100
1966	2,267	4,242	5,348	5,447	4,866	9,334	3,593	279	94	54	73	141	35,700
1967	2,197	3,738	4,352	4,762	4,530	7,731	6,153	1,829	6,190	387	380	478	42,700
1968	2,877	4,027	3,861	3,022	5,645	7,340	10,922	12,787	3,473	1,016	856	692	56,500
1969	3,315	5,400	5,867	6,936	6,013	10,286	34,111	14,949	2,843	1,562	369	252	91,900
1970	4,793	5,591	6,294	7,243	6,773	7,737	5,675	3,871	2,711	352	681	2,164	53,900
1971	4,125	5,311	5,796	6,799	6,795	9,956	13,835	10,744	1,910	592	537	1,692	68,100
1972	5,334	6,207	6,477	7,256	6,804	10,298	6,914	795	729	113	149	761	51,800
1973	4,938	6,306	6,439	6,540	5,720	7,286	17,060	40,077	3,478	289	620	2,025	100,800
Average	1,900	4,000	4,700	4,800	5,400	7,900	11,800	8,500	1,300	180	170	470	51,200

PROPOSED ACTION
Spanish Fork River at Lake Shore Gage - River Water
Location #10
Water Year Monthly Summary
(cfs)

(10c)

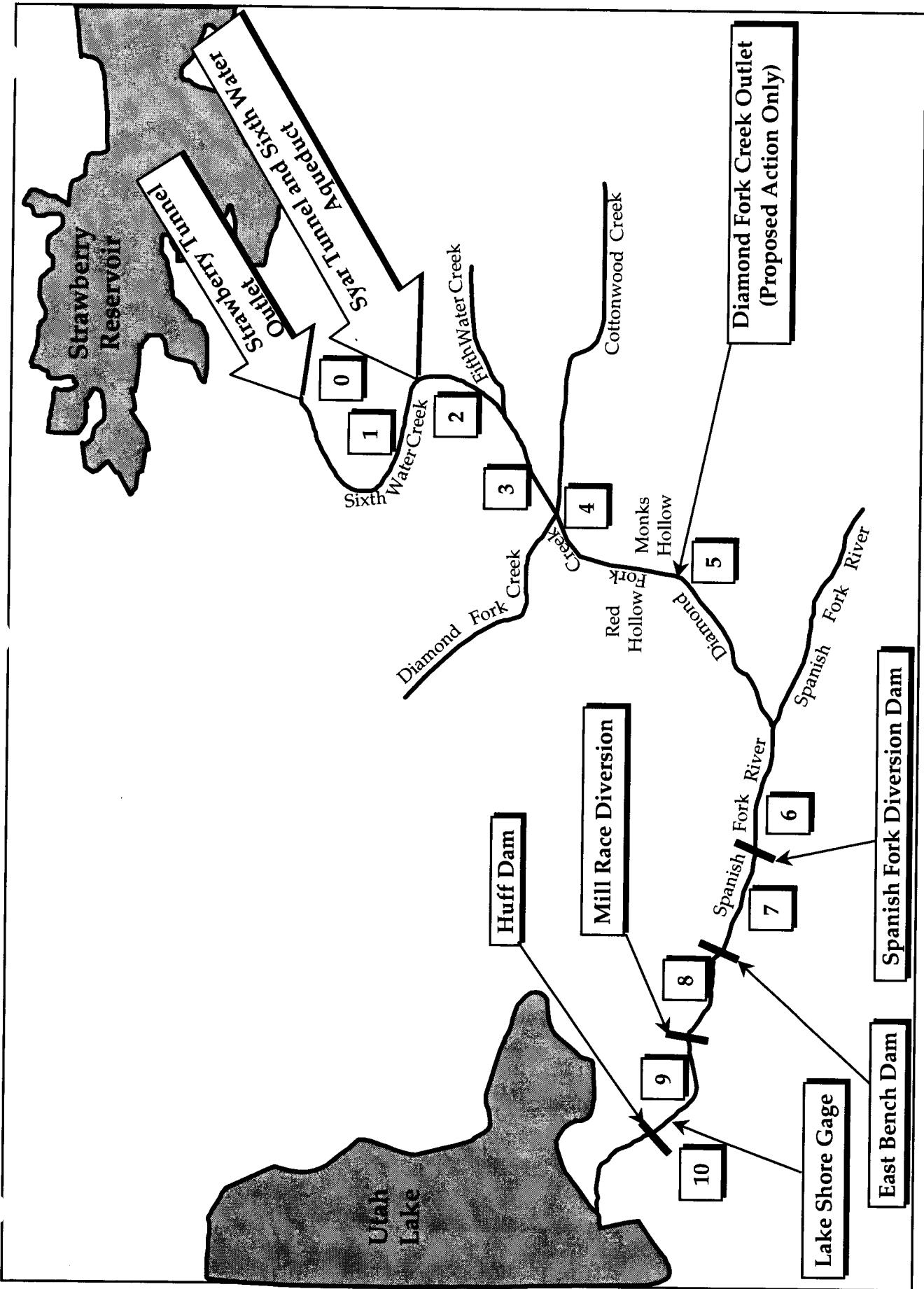
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	55	109	133	93	130	291	403	2	0	0	2	37	105
1931	62	91	114	93	110	156	176	0	0	0	0	0	67
1932	2	55	101	57	102	98	203	2	2	2	2	0	52
1933	7	74	89	60	70	101	84	3	52	5	2	20	47
1934	7	49	52	50	79	85	3	0	0	0	0	0	27
1935	2	37	29	39	74	83	109	3	5	0	0	2	32
1936	26	42	33	42	69	112	504	333	2	10	2	25	100
1937	36	57	52	60	103	189	341	450	3	7	2	2	108
1938	16	72	73	77	95	175	213	129	2	1	1	1	71
1939	16	71	83	81	76	202	95	2	1	0	0	1	52
1940	43	38	27	70	87	118	96	7	0	0	0	1	41
1941	4	52	65	66	94	98	117	50	11	2	3	1	47
1942	39	71	75	85	89	143	314	186	2	2	1	1	84
1943	17	67	73	82	124	137	59	2	33	1	1	0	50
1944	30	62	67	70	88	124	208	366	35	3	1	1	88
1945	14	70	68	79	125	119	161	264	7	1	7	2	76
1946	33	76	80	84	103	146	347	1	1	0	1	4	73
1947	51	88	88	80	109	174	169	44	6	0	1	1	68
1948	36	75	75	76	89	116	191	38	3	1	0	1	58
1949	26	64	67	67	80	145	163	103	5	3	2	0	60
1950	50	78	72	89	112	130	200	147	1	1	0	0	73
1951	10	76	92	91	113	113	121	56	2	2	1	1	56
1952	46	68	70	85	98	144	1,088	1,517	279	2	4	40	287
1953	46	120	150	140	115	147	160	41	1	3	7	2	78
1954	26	78	86	93	103	113	103	0	0	0	0	3	51
1955	15	57	58	55	67	123	148	34	0	0	3	1	47
1956	16	56	86	98	87	138	83	3	1	0	0	0	47
1957	14	54	74	77	123	107	158	287	127	1	0	1	85
1958	42	85	92	89	117	147	261	245	2	0	0	1	90
1959	10	54	96	93	104	104	27	0	0	1	0	6	41
1960	14	16	53	71	68	107	75	1	1	1	2	16	35
1961	21	51	57	60	64	66	16	5	1	0	2	1	29
1962	9	48	45	55	132	120	363	67	21	1	1	1	72
1963	9	25	56	64	83	14	13	9	2	0	2	3	23
1964	1	52	60	59	51	66	137	198	0	2	2	1	52
1965	3	36	61	64	86	97	197	90	20	8	8	34	59
1966	37	71	87	89	88	152	60	5	2	1	1	2	50
1967	36	63	71	78	82	126	104	30	104	6	6	8	59
1968	47	68	63	49	98	120	184	208	58	17	14	12	78
1969	54	91	96	113	108	168	574	244	48	25	6	4	128
1970	78	94	103	118	122	126	96	63	46	6	11	36	75
1971	67	89	94	111	123	162	233	175	32	10	9	28	94
1972	87	104	106	118	118	168	116	13	12	2	2	13	72
1973	80	106	105	107	103	119	287	653	59	5	10	34	139
Average	30	67	77	79	97	129	199	138	22	3	3	8	71

NO ACTION ALTERNATIVE FLOWS

Final Supplement to the Final Environmental Impact Statement
NO ACTION ALTERNATIVE
Summary of Flows

3/17/99

Node	Location and Description	Average Annual Flow (Acre-feet)
0	Releases from Strawberry Reservoir 0a Strawberry Reservoir Releases to Diamond Fork System 0b Total Deliveries through Strawberry Tunnel 0c Total Deliveries through Syar Tunnel 0d Bonneville Unit - Total Releases from Strawberry Reservoir 0e Bonneville Unit - Deliveries to Utah Lake 0f Bonneville Unit - Supplemental Irrigation Deliveries	158,300 17,100 141,200 96,900 82,100 14,800
1	Sixth Water Creek above Sixth Water Aqueduct 1a Sixth Water Creek above Sixth Water Aqueduct - Total Flow 1b Sixth Water Creek - Strawberry Tunnel Deliveries 1c Sixth Water Creek - Strawberry Tunnel Seepage 1d Sixth Water Creek-Natural Flow Gains, Strawberry Tunnel to Sixth Water Aqueduct	23,200 17,100 3,600 2,600
2	Sixth Water Creek below Sixth Water Aqueduct 2a Sixth Water Creek below Sixth Water Aqueduct - Total Flow 2b Sixth Water Creek - Water Releases from Sixth Water Aqueduct	164,500 141,200
3	Sixth Water Creek below Fifth Water Creek 3a Sixth Water Creek below Fifth Water Creek - Total Flow 3b Natural Flow Gains, Sixth Water Aqueduct to below Fifth Water Creek	169,000 4,500
4	Diamond Fork Creek below Three Forks 4a Diamond Fork Creek below Three Forks - Total Flow 4b Diamond Fork Creek - Natural Flow Gains above Three Forks 4c Diversions to Diamond Fork Pipeline from Three Forks 4d Three Forks Dam - Total Inflow	55,100 9,800 123,700 178,800
5	Diamond Fork Creek below Red Hollow 5a Diamond Fork Creek below Red Hollow - Total Flow	55,100
6	Spanish Fork River at Castilla Gage 6a Spanish Fork River at Castilla Gage - Total Flow 6b Diamond Fork Creek - Total Flow above Spanish Fork River Outlet 6c Spanish Fork River - Diamond Fork Natural Flow Gains below Red Hollow 6d Spanish Fork River - Spanish Fork River Outlet Releases 6e Spanish Fork River - Natural Flow Gains (excluding Diamond Fork Creek)	248,700 68,100 13,100 123,700 56,900
7	Spanish Fork River below Spanish Fork Diversion Dam 7a Spanish Fork River below Spanish Fork Diversion Dam - Total Flow 7b Non-Bonneville Unit Diversions to Power Canal 7c Bonneville Unit Supplemental Irrigation Diversions to Power Canal	102,800 133,700 12,200
8	Spanish Fork River below East Bench Diversion Dam 8a Spanish Fork River below East Bench Diversion Dam - Total Flow 8b Non-Bonneville Unit Diversions to East Bench Canal 8c Bonneville Unit Diversions to East Bench Canal	89,500 13,400 -
9	Spanish Fork River below Mill Race Diversion Dam 9a Spanish Fork River below Mill Race Diversion Dam - Total Flow 9b Spanish Fork River - Flow Gains above Mill Race Diversion 9c Spanish Fork River - Non-Bonneville Unit Diversions to Mill Race Canal 9d Spanish Fork River - Bonneville Unit Supplemental Diversions to Mill Race Canal	135,800 61,900 14,100 1,500
10	Spanish Fork River at Lake Shore Gage 10a Spanish Fork River at Lake Shore Gage - Total Flow	133,300



Schematic of Diamond Fork System Flow Locations

NO ACTION ALTERNATIVE
Strawberry Reservoir Releases to Diamond Fork System
Location #0
Water Year Monthly Summary
(Acre-Feet)

(0a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	2,965	2,607	2,596	3,346	2,629	1,759	4,726	9,217	25,365	25,130	17,084	8,478	105,900
1931	2,868	4,154	8,668	10,409	9,866	9,549	2,300	15,237	25,146	31,941	22,638	10,010	152,800
1932	5,846	6,538	7,219	9,367	10,857	14,940	15,141	25,977	28,593	28,271	25,079	7,205	185,000
1933	3,091	3,355	8,656	11,969	11,696	14,326	13,851	12,265	15,329	33,267	16,955	8,037	152,800
1934	5,411	6,935	5,847	5,137	5,696	9,638	9,565	10,989	17,836	19,712	12,876	7,289	116,900
1935	4,435	4,775	6,581	8,212	7,871	7,284	2,767	28,385	37,307	25,210	17,810	14,931	165,600
1936	8,705	8,136	7,056	8,992	8,945	10,260	17,850	25,717	29,190	30,743	14,128	8,030	177,800
1937	9,646	11,285	9,125	11,924	11,870	14,384	19,038	28,399	28,263	30,728	22,028	10,986	207,700
1938	3,068	9,038	7,762	9,049	9,274	13,709	18,178	26,076	30,274	22,163	17,899	9,478	176,000
1939	3,414	16,993	11,895	10,706	9,526	12,436	13,792	27,938	30,018	28,979	18,500	11,120	195,300
1940	3,168	13,081	8,022	9,174	9,595	9,239	9,132	28,732	31,552	24,022	17,457	10,148	173,300
1941	5,666	7,068	7,025	9,541	9,827	11,778	10,220	22,863	28,314	31,884	16,487	10,416	171,100
1942	2,943	8,409	3,871	6,806	7,367	9,252	13,710	20,881	29,409	32,849	19,198	10,694	165,400
1943	3,164	12,634	8,627	10,729	10,059	12,712	18,986	26,683	27,727	33,042	21,692	12,827	198,900
1944	3,453	14,844	9,892	9,343	7,477	9,298	10,225	17,596	27,073	33,783	21,734	12,314	177,000
1945	3,192	7,786	6,440	7,724	10,294	10,825	10,262	19,887	19,205	27,512	13,626	9,355	146,100
1946	3,463	10,063	8,558	9,485	8,894	11,346	18,744	26,601	28,311	25,979	14,965	11,448	177,900
1947	2,971	9,711	6,807	7,737	8,104	11,340	13,316	7,115	15,649	26,642	18,876	10,653	138,900
1948	4,228	8,959	6,160	6,757	7,685	8,811	16,564	13,236	18,430	24,389	17,055	12,771	145,000
1949	3,105	8,863	8,569	9,677	8,247	12,764	19,875	24,622	18,439	24,894	20,365	8,986	168,400
1950	3,795	9,457	7,505	10,388	10,705	12,397	19,388	4,941	19,178	23,941	31,833	24,868	178,400
1951	2,581	10,265	10,268	10,929	2,544	2,511	1,111	2,788	19,838	28,391	30,988	22,295	144,500
1952	2,814	9,397	8,973	2,895	2,551	2,645	1,188	2,378	9,840	21,546	15,201	12,041	91,500
1953	7,521	9,136	10,193	2,792	2,525	2,492	1,678	6,278	20,852	27,181	19,402	10,609	120,700
1954	2,667	8,902	6,117	9,347	10,547	10,765	2,652	12,200	23,523	33,095	28,492	13,331	161,600
1955	3,160	8,740	7,156	8,748	8,448	11,089	10,235	21,030	29,308	29,505	16,891	10,731	165,000
1956	3,244	10,851	11,312	12,351	11,257	11,126	13,644	24,597	29,875	28,176	18,414	10,995	185,800
1957	3,137	8,754	8,648	10,754	11,766	11,517	10,234	17,964	25,423	27,679	31,000	20,954	187,800
1958	3,282	10,378	8,289	8,874	9,665	12,609	14,997	2,646	19,131	33,571	31,354	14,516	169,300
1959	2,963	9,314	8,062	9,056	9,435	10,199	7,462	17,597	22,500	27,267	17,271	10,208	151,300
1960	3,248	13,980	9,324	9,387	8,923	10,889	9,653	22,212	30,122	24,038	17,626	11,192	170,600
1961	7,843	9,112	8,364	10,057	10,143	11,429	8,566	15,224	22,648	18,334	9,821	4,735	136,300
1962	3,346	7,641	8,559	5,990	12,415	13,733	20,858	22,162	27,882	32,012	17,554	9,905	182,100
1963	10,285	6,568	8,293	7,425	10,876	11,260	13,464	23,139	28,590	32,775	14,521	5,648	172,800
1964	4,375	9,474	9,798	10,537	8,994	9,881	13,740	24,146	27,127	34,503	24,425	10,796	187,800
1965	2,864	8,445	3,920	7,246	8,983	8,780	12,495	22,245	26,067	31,859	27,197	11,261	171,400
1966	2,765	10,048	9,694	10,131	9,570	12,592	13,310	7,400	21,500	31,604	29,014	14,616	172,200
1967	2,669	15,929	11,882	10,776	9,414	12,053	11,613	16,095	9,700	26,858	32,209	25,686	184,900
1968	2,703	8,607	8,258	9,203	10,533	11,545	12,551	2,655	13,746	26,422	17,659	10,853	134,700
1969	2,821	9,357	2,761	2,761	2,444	2,311	1,211	4,029	15,675	24,561	23,117	10,152	101,200
1970	3,476	9,989	7,602	10,799	11,110	11,082	8,046	2,670	16,391	26,041	24,090	8,164	139,500
1971	3,509	9,981	7,787	9,460	9,406	2,459	1,211	3,030	15,724	26,059	24,460	5,959	119,000
1972	3,342	10,503	8,698	2,942	2,575	3,042	3,466	14,291	20,247	25,899	18,758	6,460	120,200
1973	2,989	9,825	7,150	8,805	8,991	11,075	1,188	2,729	12,633	25,415	21,477	7,498	119,800
Average	4,000	9,300	7,900	8,600	8,600	9,900	10,700	16,200	23,200	27,900	20,700	11,300	158,300

NO ACTION ALTERNATIVE
Strawberry Reservoir Releases to Diamond Fork System
Location #0
Water Year Monthly Summary
(cfs)

(0a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	48	44	42	55	47	29	80	150	427	409	278	143	146
1931	47	70	141	170	178	156	39	248	423	520	369	169	211
1932	95	110	118	153	189	243	255	423	481	461	409	121	255
1933	50	56	141	195	211	233	233	200	258	542	276	135	211
1934	88	117	95	84	103	157	161	179	300	321	210	123	161
1935	72	80	107	134	142	119	47	462	628	411	290	251	229
1936	142	137	115	146	156	167	301	419	491	501	230	135	245
1937	157	190	149	194	214	234	321	463	476	501	359	185	287
1938	50	152	126	147	167	223	306	425	510	361	292	160	243
1939	56	286	194	174	172	203	232	455	505	472	301	187	270
1940	52	220	131	149	167	151	154	468	531	391	284	171	239
1941	92	119	114	155	177	192	172	372	477	519	269	175	236
1942	48	142	63	111	133	151	231	340	495	535	313	180	228
1943	52	213	141	175	181	207	320	435	467	538	353	216	275
1944	56	250	161	152	130	151	172	287	456	550	354	207	244
1945	52	131	105	126	186	176	173	324	323	448	222	157	202
1946	56	169	139	155	160	185	316	433	477	423	244	193	246
1947	48	163	111	126	146	185	224	116	263	434	308	179	192
1948	69	151	100	110	134	144	279	216	310	397	278	215	200
1949	51	149	140	158	149	208	335	401	310	406	332	151	232
1950	62	159	122	169	193	202	326	81	323	390	519	419	247
1951	42	173	167	178	46	41	19	45	334	463	505	375	199
1952	46	158	146	47	44	43	20	39	166	351	248	203	126
1953	123	154	166	45	46	41	28	102	351	443	316	179	166
1954	43	150	100	152	190	175	45	199	396	539	464	224	223
1955	51	147	117	143	152	181	172	343	493	481	275	181	228
1956	53	183	184	201	196	181	230	401	503	459	300	185	256
1957	51	147	141	175	212	188	172	293	428	451	505	353	260
1958	53	175	135	145	174	205	252	43	322	547	511	244	234
1959	48	157	131	148	170	166	126	287	379	444	281	172	209
1960	53	235	152	153	155	177	163	362	507	392	287	188	235
1961	128	153	136	164	183	186	144	248	381	299	160	80	189
1962	55	129	139	98	224	224	351	361	469	522	286	167	252
1963	168	111	135	121	196	183	227	377	481	534	237	95	239
1964	71	159	160	172	157	161	231	393	457	562	398	182	259
1965	47	142	64	118	162	143	210	362	439	519	443	190	237
1966	45	169	158	165	173	205	224	121	362	515	473	246	238
1967	43	268	194	176	170	196	196	262	163	438	525	432	255
1968	44	145	135	150	183	188	211	43	231	430	288	183	186
1969	46	158	45	45	44	38	20	66	264	400	377	171	139
1970	57	168	124	176	200	181	135	43	276	424	392	137	193
1971	57	168	127	154	170	40	20	49	265	425	399	100	164
1972	54	177	142	48	45	50	58	233	341	422	306	109	165
1973	49	165	116	143	162	180	20	44	213	414	350	126	165
Average	65	157	129	140	154	161	181	264	390	455	337	191	219

NO ACTION ALTERNATIVE
Total Deliveries through Strawberry Tunnel
Location #0
Water Year Monthly Summary
(Acre-Feet)

(0b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1,768	1,288	1,337	1,337	1,188	1,337	1,188	1,668	1,604	1,668	1,668	1,504	17,600
1931	1,768	1,288	1,337	1,337	1,188	1,337	1,088	1,568	1,504	1,668	1,668	1,604	17,400
1932	1,968	1,288	1,337	1,337	1,238	1,337	1,188	1,668	1,104	1,568	1,768	1,804	17,600
1933	1,668	1,288	1,337	1,337	1,188	1,337	1,288	1,768	1,604	1,668	1,668	1,604	17,800
1934	1,768	1,288	1,437	1,337	1,288	1,337	1,288	1,768	1,704	1,768	1,768	1,604	18,400
1935	1,968	1,288	1,337	1,337	1,188	1,337	1,288	1,768	1,604	1,668	1,768	1,604	18,200
1936	1,668	1,288	1,237	1,337	1,238	1,337	1,288	1,768	1,604	1,668	1,668	1,604	17,700
1937	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,504	1,668	1,668	1,604	16,900
1938	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,504	1,568	1,668	1,604	16,800
1939	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,604	1,668	1,768	1,704	17,100
1940	1,768	1,288	1,337	1,237	1,238	1,237	1,188	1,668	1,604	1,668	1,668	1,604	17,500
1941	1,668	1,188	1,337	1,337	1,188	1,237	1,288	1,668	1,604	1,668	1,668	1,704	17,600
1942	1,768	1,288	1,337	1,237	1,188	1,237	1,288	1,668	1,604	1,668	1,668	1,704	17,700
1943	1,768	1,288	1,337	1,237	1,188	1,237	1,288	1,668	1,704	1,668	1,668	1,704	17,800
1944	1,768	1,288	1,337	1,237	1,238	1,237	1,188	1,668	1,604	1,668	1,668	1,704	17,600
1945	1,768	1,288	1,337	1,237	1,188	1,237	1,188	1,668	1,604	1,668	1,668	1,604	17,500
1946	1,668	1,288	1,237	1,237	1,188	1,237	1,188	1,668	1,604	1,668	1,668	1,604	17,300
1947	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,668	1,668	1,604	17,000
1948	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,568	1,604	1,668	1,668	1,604	17,000
1949	1,768	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,604	1,568	1,668	1,604	17,000
1950	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,604	1,568	1,668	1,604	16,900
1951	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,900
1952	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,568	1,504	1,568	1,568	1,504	16,600
1953	1,568	1,188	1,137	1,137	1,088	1,137	1,088	1,568	1,504	1,668	1,668	1,604	16,400
1954	1,568	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,800
1955	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,504	1,668	1,668	1,604	16,800
1956	1,668	1,188	1,237	1,237	1,138	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,900
1957	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,504	1,668	1,668	1,604	16,800
1958	1,668	1,188	1,237	1,237	1,088	1,137	1,188	1,568	1,604	1,668	1,668	1,604	16,900
1959	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,900
1960	1,668	1,188	1,237	1,237	1,138	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,900
1961	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,604	1,668	1,668	1,604	17,000
1962	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,504	1,668	1,668	1,604	16,900
1963	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,604	1,668	1,668	1,604	17,000
1964	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,568	1,604	1,668	1,668	1,604	17,000
1965	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,504	1,668	1,668	1,604	16,900
1966	1,668	1,188	1,237	1,237	1,088	1,137	1,188	1,668	1,604	1,668	1,668	1,604	17,000
1967	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,568	1,668	1,604	16,900
1968	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,668	1,504	1,568	1,668	1,604	16,900
1969	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,568	1,668	1,604	16,900
1970	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,568	1,668	1,604	16,900
1971	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,568	1,668	1,604	16,900
1972	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,668	1,504	1,668	1,668	1,604	17,000
1973	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,568	1,668	1,604	16,900
Average	1,700	1,200	1,300	1,300	1,100	1,200	1,200	1,600	1,600	1,600	1,700	1,600	17,100

NO ACTION ALTERNATIVE
Total Deliveries through Strawberry Tunnel
Location #0
Water Year Monthly Summary
(cfs)

(0b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	29	22	22	22	21	22	20	27	27	27	27	25	24
1931	29	22	22	22	21	22	18	26	25	27	27	27	24
1932	32	22	22	22	22	22	20	27	19	26	29	30	24
1933	27	22	22	22	21	22	22	29	27	27	27	27	25
1934	29	22	23	22	23	22	22	29	29	29	29	27	25
1935	32	22	22	22	21	22	22	29	27	27	29	27	25
1936	27	22	20	22	22	22	22	29	27	27	27	27	24
1937	27	20	20	20	20	20	20	26	25	27	27	27	23
1938	27	20	20	20	20	20	20	26	25	26	27	27	23
1939	27	20	20	20	20	20	18	26	27	27	29	29	24
1940	29	22	22	20	22	20	20	27	27	27	27	27	24
1941	27	20	22	22	21	20	22	27	27	27	27	29	24
1942	29	22	22	20	21	20	22	27	27	27	27	29	24
1943	29	22	22	20	21	20	22	27	29	27	27	29	25
1944	29	22	22	20	22	20	20	27	27	27	27	29	24
1945	29	22	22	20	21	20	20	27	27	27	27	27	24
1946	27	22	20	20	21	20	20	27	27	27	27	27	24
1947	27	20	20	20	20	20	20	27	25	27	27	27	23
1948	27	20	20	20	20	20	20	26	27	27	27	27	23
1949	29	20	20	20	20	20	20	26	27	26	27	27	23
1950	27	20	20	20	20	20	20	26	27	26	27	27	23
1951	27	20	20	20	20	20	18	26	27	27	27	27	23
1952	27	20	20	20	20	20	20	26	25	26	26	25	23
1953	26	20	19	19	20	19	18	26	25	27	27	27	23
1954	26	20	20	20	20	20	18	26	27	27	27	27	23
1955	27	20	20	20	20	20	18	26	25	27	27	27	23
1956	27	20	20	20	20	20	18	26	27	27	27	27	23
1957	27	20	20	20	20	20	18	26	25	27	27	27	23
1958	27	20	20	20	20	19	20	26	27	27	27	27	23
1959	27	20	20	20	20	20	18	26	27	27	27	27	23
1960	27	20	20	20	20	20	18	26	27	27	27	27	23
1961	27	20	20	20	20	20	20	26	27	27	27	27	23
1962	27	20	20	20	20	20	20	26	25	27	27	27	23
1963	27	20	20	20	20	20	20	26	27	27	27	27	23
1964	27	20	20	20	20	20	20	26	27	27	27	27	23
1965	27	20	20	20	20	20	20	26	25	27	27	27	23
1966	27	20	20	20	20	19	20	27	27	27	27	27	23
1967	27	20	20	20	20	20	20	27	25	26	27	27	23
1968	27	20	20	20	20	20	20	27	25	26	27	27	23
1969	27	20	20	20	20	20	20	27	25	26	27	27	23
1970	27	20	20	20	20	20	20	27	25	26	27	27	23
1971	27	20	20	20	20	20	20	27	25	26	27	27	23
1972	27	20	20	20	20	20	20	27	25	27	27	27	23
1973	27	20	20	20	20	20	20	27	25	26	27	27	23
Average	28	20	21	20	20	20	20	27	26	27	27	27	24

NO ACTION ALTERNATIVE
Total Deliveries through Syar Tunnel
Location #0
Water Year Monthly Summary
(Acre-Feet)

(oc)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1,198	1,319	1,259	2,009	1,441	422	3,539	7,549	23,761	23,463	15,416	6,974	88,300
1931	1,100	2,866	7,331	9,072	8,678	8,212	1,212	13,670	23,642	30,273	20,970	8,405	135,400
1932	3,878	5,250	5,882	8,030	9,619	13,603	13,953	24,309	27,489	26,703	23,312	5,401	167,400
1933	1,423	2,067	7,319	10,632	10,508	12,989	12,563	10,497	13,725	31,599	15,287	6,433	135,000
1934	3,644	5,647	4,410	3,800	4,408	8,301	8,277	9,221	16,131	17,944	11,109	5,685	98,600
1935	2,467	3,487	5,244	6,875	6,683	5,947	1,479	26,618	35,703	23,543	16,043	13,327	147,400
1936	7,038	6,848	5,819	7,655	7,707	8,923	16,562	23,949	27,586	29,075	12,460	6,426	160,000
1937	7,978	10,097	7,888	10,687	10,782	13,147	17,850	26,831	26,759	29,061	20,361	9,382	190,800
1938	1,400	7,850	6,525	7,812	8,186	12,472	16,990	24,508	28,770	20,595	16,231	7,874	159,200
1939	1,747	15,805	10,658	9,469	8,438	11,199	12,704	26,370	28,413	27,311	16,733	9,416	178,300
1940	1,401	11,793	6,685	7,937	8,357	8,002	7,944	27,065	29,948	22,354	15,790	8,543	155,800
1941	3,999	5,880	5,688	8,204	8,639	10,541	8,932	21,195	26,710	30,217	14,819	8,712	153,500
1942	1,175	7,121	2,534	5,569	6,179	8,015	12,422	19,214	27,805	31,182	17,530	8,990	147,700
1943	1,396	11,346	7,290	9,492	8,871	11,475	17,698	25,015	26,023	31,375	20,025	11,123	181,100
1944	1,685	13,556	8,555	8,106	6,239	8,061	9,037	15,929	25,469	32,115	20,066	10,610	159,400
1945	1,425	6,498	5,103	6,487	9,106	9,588	9,074	18,219	17,601	25,845	11,958	7,751	128,700
1946	1,795	8,775	7,321	8,248	7,706	10,109	17,556	24,934	26,707	24,311	13,297	9,844	160,600
1947	1,303	8,523	5,570	6,500	7,016	10,103	12,128	5,447	14,145	24,974	17,208	9,049	122,000
1948	2,560	7,771	4,923	5,520	6,547	7,574	15,376	11,669	16,825	22,722	15,388	11,167	128,000
1949	1,338	7,675	7,332	8,440	7,159	11,527	18,687	23,054	16,835	23,326	18,697	7,382	151,500
1950	2,128	8,269	6,268	9,151	9,617	11,160	18,200	3,374	17,574	22,373	30,165	23,264	161,500
1951	913	9,077	9,031	9,692	1,456	1,274	23	1,221	18,234	26,724	29,321	20,691	127,700
1952	1,147	8,209	7,736	1,658	1,413	1,408	0	810	8,336	19,979	13,634	10,537	74,900
1953	5,954	7,948	9,056	1,655	1,437	1,355	590	4,711	19,348	25,513	17,734	9,005	104,300
1954	1,100	7,714	4,880	8,110	9,459	9,528	1,564	10,632	21,919	31,428	26,824	11,727	144,900
1955	1,492	7,552	5,919	7,511	7,360	9,852	9,147	19,462	27,804	27,838	15,223	9,127	148,300
1956	1,577	9,663	10,075	11,114	10,119	9,889	12,556	23,030	28,270	26,508	16,746	9,391	168,900
1957	1,469	7,566	7,411	9,517	10,678	10,280	9,146	16,396	23,919	26,012	29,332	19,350	171,100
1958	1,614	9,190	7,052	7,637	8,577	11,472	13,809	1,079	17,527	31,903	29,686	12,912	152,500
1959	1,296	8,126	6,825	7,819	8,347	8,962	6,374	16,029	20,896	25,600	15,604	8,604	134,500
1960	1,580	12,792	8,087	8,150	7,785	9,652	8,565	20,645	28,518	22,371	15,958	9,588	153,700
1961	6,175	7,924	7,127	8,820	9,055	10,192	7,378	13,656	21,044	16,666	8,153	3,131	119,300
1962	1,679	6,453	7,322	4,753	11,327	12,496	19,670	20,595	26,378	30,345	15,887	8,301	165,200
1963	8,617	5,380	7,056	6,188	9,788	10,023	12,276	21,571	26,986	31,107	12,853	4,044	155,900
1964	2,708	8,286	8,561	9,300	7,856	8,644	12,552	22,579	25,522	32,835	22,757	9,192	170,800
1965	1,196	7,257	2,683	6,009	7,895	7,543	11,307	20,678	24,563	30,192	25,529	9,657	154,500
1966	1,098	8,860	8,457	8,894	8,482	11,455	12,122	5,732	19,896	29,936	27,346	13,012	155,300
1967	1,001	14,741	10,645	9,539	8,326	10,816	10,425	14,427	8,196	25,290	30,541	24,082	168,000
1968	1,035	7,419	7,021	7,966	9,395	10,308	11,363	988	12,242	24,854	15,992	9,248	117,800
1969	1,153	8,169	1,524	1,524	1,356	1,074	23	2,362	14,171	22,994	21,449	8,548	84,300
1970	1,809	8,801	6,365	9,562	10,022	9,845	6,858	1,002	14,887	24,473	22,423	6,560	122,600
1971	1,842	8,793	6,550	8,223	8,318	1,222	23	1,363	14,220	24,492	22,793	4,355	102,200
1972	1,674	9,315	7,461	1,705	1,437	1,805	2,278	12,623	18,743	24,232	17,090	4,856	103,200
1973	1,322	8,637	5,913	7,568	7,903	9,838	0	1,062	11,129	23,848	19,809	5,894	102,900
Average	2,300	8,100	6,600	7,300	7,500	8,600	9,600	14,600	21,600	26,300	19,000	9,700	141,200

NO ACTION ALTERNATIVE
Total Deliveries through Syar Tunnel
Location #0
Water Year Monthly Summary
(cfs)

(0c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	20	22	21	33	26	7	60	123	400	382	251	117	122
1931	18	48	119	148	157	134	20	223	398	493	342	142	187
1932	63	88	96	131	168	222	235	396	463	435	380	91	231
1933	23	35	119	173	190	212	212	171	231	515	249	108	186
1934	59	95	72	62	80	135	139	150	272	292	181	96	136
1935	40	59	85	112	121	97	25	434	601	384	261	224	204
1936	115	115	95	125	134	145	279	390	464	474	203	108	221
1937	130	170	129	174	194	214	301	437	450	473	332	158	264
1938	23	132	106	127	148	203	286	399	484	336	264	133	220
1939	28	266	174	154	152	182	214	430	478	445	273	159	246
1940	23	199	109	129	146	130	134	441	504	364	257	144	215
1941	65	99	93	134	156	172	150	345	450	492	241	147	212
1942	19	120	41	91	111	131	209	313	468	508	286	151	204
1943	23	191	119	155	160	187	298	408	438	511	326	187	250
1944	27	228	139	132	109	131	152	260	429	523	327	179	220
1945	23	109	83	106	164	156	153	297	296	421	195	130	178
1946	29	148	119	134	139	165	296	406	450	396	217	166	222
1947	21	143	91	106	127	165	204	89	238	407	280	152	169
1948	42	131	80	90	114	123	259	190	283	370	251	188	177
1949	22	129	119	138	129	188	315	376	283	380	305	124	209
1950	35	139	102	149	173	182	306	55	296	364	491	392	224
1951	15	153	147	158	26	21	0	20	307	435	478	348	176
1952	19	138	126	27	25	23	0	13	140	325	222	177	103
1953	97	134	148	27	26	22	10	77	326	416	289	152	143
1954	18	130	80	132	171	155	26	173	369	512	437	197	200
1955	24	127	96	122	133	161	154	317	468	454	248	154	205
1956	26	163	164	181	176	161	211	375	476	432	273	158	233
1957	24	127	121	155	193	167	154	267	403	424	478	326	237
1958	26	155	115	124	155	187	232	18	295	520	484	217	211
1959	21	137	111	127	151	146	107	261	352	417	254	145	186
1960	26	215	132	133	136	157	144	336	480	364	260	161	212
1961	101	133	116	144	163	166	124	222	354	272	133	53	165
1962	27	109	119	77	204	204	331	336	444	494	259	140	229
1963	140	91	115	101	177	163	207	351	454	507	209	68	215
1964	44	140	139	152	137	141	211	368	430	535	371	155	235
1965	19	122	44	98	142	123	190	337	414	492	416	163	213
1966	18	149	138	145	153	187	204	93	335	488	446	219	215
1967	16	248	173	155	150	176	176	235	138	412	498	405	232
1968	17	125	114	130	164	168	191	16	206	405	261	156	163
1969	19	138	25	25	24	17	0	38	239	375	349	144	116
1970	29	148	104	156	181	160	115	16	251	399	365	110	170
1971	30	148	107	134	150	20	0	22	239	399	371	73	141
1972	27	157	122	28	25	29	38	206	316	395	278	82	142
1973	22	145	96	123	143	160	0	17	187	389	323	99	142
Average	38	136	108	119	134	141	161	237	364	428	309	164	195

NO ACTION ALTERNATIVE
Bonneville Unit - Total Releases from Strawberry Reservoir
Location #0
Water Year Monthly Summary
(Acre-Feet)

(0d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1,265	2,607	2,596	3,346	2,629	1,759	326	17	1,635	8,530	3,434	678	28,800
1931	2,768	4,154	8,668	10,409	9,866	9,549	20	37	2,676	13,841	13,038	5,910	80,900
1932	4,746	6,538	7,219	9,367	10,857	14,940	13,341	17,387	15,993	14,071	9,979	1,205	125,600
1933	1,491	3,355	8,656	11,969	11,696	14,326	13,851	12,225	1,429	14,787	5,385	1,907	101,100
1934	3,811	6,935	5,847	5,137	5,696	9,638	6,865	2,689	11,636	14,212	9,176	5,089	86,700
1935	4,345	4,775	6,581	8,212	7,871	7,284	2,767	28,275	25,707	10,310	7,410	7,631	121,200
1936	7,705	8,136	7,056	8,992	8,945	10,260	17,850	20,517	13,810	21,343	4,928	2,430	132,000
1937	6,146	11,285	9,125	11,924	11,870	14,384	15,888	13,899	15,063	18,528	8,128	3,086	139,300
1938	568	9,038	7,762	9,049	9,274	13,709	14,678	17,376	9,574	7,963	5,299	3,478	107,800
1939	314	16,993	11,895	10,706	9,526	12,436	10,592	14,538	16,218	8,679	5,400	4,720	122,000
1940	2,248	13,081	8,022	9,174	9,595	9,239	4,332	13,832	10,032	12,122	7,357	7,248	106,300
1941	4,066	7,068	7,025	9,541	9,827	11,778	10,220	18,753	18,114	17,284	6,987	2,811	123,500
1942	1,243	8,409	3,871	6,806	7,367	9,252	13,710	20,461	12,509	14,949	6,478	3,494	108,500
1943	464	12,634	8,627	10,729	10,059	12,712	17,286	16,543	20,227	14,542	8,952	4,187	137,000
1944	353	14,844	9,892	9,343	7,477	9,298	10,225	17,456	18,673	11,183	5,784	3,584	118,100
1945	392	7,786	6,440	7,724	10,294	10,825	10,262	17,537	8,805	5,312	7,126	355	92,900
1946	263	10,063	8,558	9,485	8,894	11,346	18,744	16,801	7,881	8,279	4,265	2,748	107,300
1947	771	9,711	6,807	7,737	8,104	11,340	13,316	635	9,749	5,242	3,986	153	77,600
1948	528	8,959	6,160	6,757	7,685	8,811	16,564	1,236	4,020	5,289	4,025	2,151	72,200
1949	1,305	8,863	8,569	9,677	8,247	12,764	18,755	20,342	1,939	6,994	2,965	686	101,100
1950	695	9,457	7,505	10,388	10,705	12,397	19,388	611	888	8,641	12,533	11,968	105,200
1951	2,291	10,265	10,268	10,929	2,544	2,511	651	1,358	2,338	5,591	14,398	10,995	74,100
1952	614	9,397	8,973	2,895	2,551	2,645	1,188	1,608	1,140	4,426	2,801	141	38,400
1953	311	9,136	10,193	2,792	2,525	2,492	1,678	378	552	5,781	4,302	309	40,400
1954	467	8,902	6,117	9,347	10,547	10,765	752	0	3,423	14,695	9,892	8,231	83,100
1955	1,160	8,740	7,156	8,748	8,448	11,089	10,235	17,500	10,908	4,705	1,951	3,991	94,600
1956	1,644	10,851	11,312	12,351	11,257	11,126	12,814	19,237	10,275	9,206	1,410	4,095	115,600
1957	2,457	8,754	8,648	10,754	11,766	11,517	10,234	17,754	19,923	4,279	13,500	10,194	129,800
1958	282	10,378	8,289	8,874	9,665	12,609	14,997	2,006	551	12,371	12,454	8,426	100,900
1959	1,263	9,314	8,062	9,056	9,435	10,199	6,922	7,197	0	11,567	4,921	4,908	82,800
1960	1,848	13,980	9,324	9,387	8,923	10,889	9,063	15,112	9,922	5,208	3,826	6,792	104,300
1961	7,173	9,112	8,364	10,057	10,143	11,429	8,566	5,654	3,898	6,434	3,421	2,035	86,300
1962	3,246	7,641	8,559	5,990	12,415	13,733	20,858	22,132	16,382	18,462	2,554	5,205	137,200
1963	8,885	6,568	8,293	7,425	10,876	11,260	13,464	18,709	22,190	16,575	2,401	1,948	128,600
1964	2,275	9,474	9,798	10,537	8,994	9,881	13,740	22,466	22,527	7,763	8,235	2,696	128,400
1965	1,884	8,445	3,920	7,246	8,983	8,780	12,495	22,235	18,167	17,459	15,057	4,991	129,700
1966	1,265	10,048	9,694	10,131	9,570	12,592	12,210	0	0	15,604	13,314	8,916	103,300
1967	969	15,929	11,882	10,776	9,414	12,053	11,613	16,085	8,270	4,258	11,909	12,796	126,000
1968	2,593	8,607	8,258	9,203	10,533	11,545	12,551	2,615	2,946	5,022	5,469	203	79,500
1969	521	9,357	2,761	2,761	2,444	2,311	1,211	1,289	4,275	6,561	3,017	422	36,900
1970	1,876	9,989	7,602	10,799	11,110	11,082	8,046	2,620	6,011	5,541	2,590	1,164	78,400
1971	2,109	9,981	7,787	9,460	9,406	2,459	1,211	950	2,224	4,149	2,460	2,759	55,000
1972	3,082	10,503	8,698	2,942	2,575	3,042	3,466	191	4,147	6,899	3,058	2,560	51,200
1973	2,869	9,825	7,150	8,805	8,991	11,075	1,188	2,709	2,433	4,455	2,677	998	63,200
Average	2,200	9,300	7,900	8,600	8,600	9,900	10,000	10,700	9,100	10,000	6,600	4,100	96,900

NO ACTION ALTERNATIVE
Bonneville Unit - Total Releases from Strawberry Reservoir
Location #0
Water Year Monthly Summary
(cfs)

(0d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	21	44	42	55	47	29	5	0	28	139	56	11	40
1931	45	70	141	170	178	156	0	1	45	225	212	99	112
1932	77	110	118	153	189	243	225	283	269	229	163	20	173
1933	24	56	141	195	211	233	233	199	24	241	88	32	140
1934	62	117	95	84	103	157	116	44	196	232	150	86	120
1935	71	80	107	134	142	119	47	461	433	168	121	128	168
1936	126	137	115	146	156	167	301	334	232	348	80	41	182
1937	100	190	149	194	214	234	267	226	254	302	132	52	193
1938	9	152	126	147	167	223	247	283	161	130	86	59	149
1939	5	286	194	174	172	203	178	237	273	141	88	79	169
1940	37	220	131	149	167	151	73	225	169	197	120	122	147
1941	66	119	114	155	177	192	172	306	305	282	114	47	171
1942	20	142	63	111	133	151	231	333	211	244	106	59	150
1943	8	213	141	175	181	207	291	270	341	237	146	70	190
1944	6	250	161	152	130	151	172	284	314	182	94	60	163
1945	6	131	105	126	186	176	173	286	148	87	116	6	129
1946	4	169	139	155	160	185	316	274	133	135	69	46	149
1947	13	163	111	126	146	185	224	10	164	85	65	3	108
1948	9	151	100	110	134	144	279	20	68	86	66	36	100
1949	21	149	140	158	149	208	316	331	33	114	48	12	140
1950	11	159	122	169	193	202	326	10	15	141	204	201	146
1951	37	173	167	178	46	41	11	22	39	91	235	185	102
1952	10	158	146	47	44	43	20	26	19	72	46	2	53
1953	5	154	166	45	46	41	28	6	9	94	70	5	56
1954	8	150	100	152	190	175	13	0	58	239	161	139	115
1955	19	147	117	143	152	181	172	285	184	77	32	67	131
1956	27	183	184	201	196	181	216	313	173	150	23	69	160
1957	40	147	141	175	212	188	172	289	335	70	220	172	180
1958	5	175	135	145	174	205	252	33	9	202	203	142	140
1959	21	157	131	148	170	166	117	117	0	188	80	83	115
1960	30	235	152	153	155	177	153	246	167	85	62	114	144
1961	117	153	136	164	183	186	144	92	66	105	56	34	120
1962	53	129	139	98	224	224	351	361	276	301	42	88	190
1963	145	111	135	121	196	183	227	305	374	270	39	33	178
1964	37	159	160	172	157	161	231	366	379	126	134	45	177
1965	31	142	64	118	162	143	210	362	306	284	245	84	179
1966	21	169	158	165	173	205	206	0	0	254	217	150	143
1967	16	268	194	176	170	196	196	262	139	69	194	215	175
1968	42	145	135	150	183	188	211	43	50	82	89	3	110
1969	8	158	45	45	44	38	20	21	72	107	49	7	51
1970	31	168	124	176	200	181	135	43	101	90	42	20	109
1971	34	168	127	154	170	40	20	15	37	68	40	46	77
1972	50	177	142	48	45	50	58	3	70	112	50	43	71
1973	47	165	116	143	162	180	20	44	41	73	44	17	88
Average	36	157	129	140	154	161	168	174	153	163	107	69	134

NO ACTION ALTERNATIVE
Bonneville Unit - Deliveries to Utah Lake
Location #0
Water Year Monthly Summary
(Acre-Feet)

(0e)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1,233	2,607	2,596	3,346	2,629	1,759	0	0	0	0	0	0	14,200
1931	1,180	4,154	8,668	10,409	9,866	9,549	0	0	0	6,858	8,175	3,861	62,700
1932	4,194	6,538	7,219	9,367	10,857	14,940	13,341	17,377	11,341	14,071	9,045	0	118,300
1933	886	3,355	8,656	11,969	11,696	14,326	13,851	11,548	0	7,310	0	0	83,600
1934	3,386	6,935	5,847	5,137	5,696	9,638	6,865	0	0	1,231	2,552	1,853	49,100
1935	2,946	4,775	6,581	8,212	7,871	7,284	2,767	27,490	21,790	424	1,708	6,471	98,300
1936	7,000	8,136	7,056	8,992	8,945	10,260	17,850	20,393	11,207	10,796	0	1,118	111,800
1937	6,038	11,285	9,125	11,924	11,870	14,384	15,838	13,893	12,349	10,351	5,075	2,643	124,800
1938	483	9,038	7,762	9,049	9,274	13,709	14,678	17,102	9,574	6,043	1,481	2,505	100,700
1939	265	16,993	11,895	10,706	9,526	12,436	10,592	14,531	10,065	2,713	1,515	3,904	105,100
1940	1,291	13,081	8,022	9,174	9,595	9,239	4,332	13,570	7,605	1,722	2,198	5,400	85,200
1941	3,824	7,068	7,025	9,541	9,827	11,778	10,220	18,663	12,417	8,153	3,333	2,811	104,700
1942	978	8,409	3,871	6,806	7,367	9,252	13,710	19,802	10,906	7,885	1,857	3,494	94,300
1943	464	12,634	8,627	10,729	10,059	12,712	17,286	16,400	13,365	7,620	4,372	3,751	118,000
1944	119	14,844	9,892	9,343	7,477	9,298	10,225	15,241	14,583	6,597	2,064	3,366	103,000
1945	211	7,786	6,440	7,724	10,294	10,825	10,262	15,387	3,827	0	0	0	72,800
1946	241	10,063	8,558	9,485	8,894	11,346	18,744	16,794	6,799	1,722	0	2,728	95,400
1947	199	9,711	6,807	7,737	8,104	11,340	13,316	557	0	0	0	0	57,800
1948	248	8,959	6,160	6,757	7,685	8,811	16,564	105	0	0	0	2,055	57,300
1949	889	8,863	8,569	9,677	8,247	12,764	18,709	19,866	0	0	0	48	87,600
1950	184	9,457	7,505	10,388	10,705	12,397	19,388	462	0	0	9,290	11,798	91,600
1951	1,372	10,265	10,268	10,929	2,544	2,511	651	1,094	0	0	10,457	10,804	60,900
1952	259	9,397	8,973	2,895	2,551	2,645	1,188	1,405	102	0	0	0	29,400
1953	259	9,136	10,193	2,792	2,525	2,492	1,678	10	0	0	0	0	29,100
1954	376	8,902	6,117	9,347	10,547	10,765	752	0	0	7,547	8,232	6,644	69,200
1955	1,140	8,740	7,156	8,748	8,448	11,089	10,235	17,426	10,908	4,110	1,401	3,923	93,300
1956	1,590	10,851	11,312	12,351	11,257	11,126	12,814	19,168	10,263	5,700	1,410	4,095	111,900
1957	1,344	8,754	8,648	10,754	11,766	11,517	10,234	14,456	16,271	0	10,441	10,035	114,200
1958	85	10,378	8,289	8,874	9,665	12,609	14,997	1,836	0	6,890	9,951	7,256	90,800
1959	1,237	9,314	8,062	9,056	9,435	10,199	6,922	7,197	0	6,049	3,473	4,363	75,300
1960	1,723	13,980	9,324	9,387	8,923	10,889	9,063	15,058	9,922	3,034	3,826	6,122	101,300
1961	6,425	9,112	8,364	10,057	10,143	11,429	8,566	5,624	2,407	0	0	0	72,100
1962	1,698	7,641	8,559	5,990	12,415	13,733	20,858	22,005	12,876	9,043	1,352	3,938	120,100
1963	8,381	6,568	8,293	7,425	10,876	11,260	13,464	18,638	12,036	7,989	0	0	104,900
1964	1,930	9,474	9,798	10,537	8,994	9,881	13,740	20,581	14,058	5,603	6,607	2,696	113,900
1965	1,086	8,445	3,920	7,246	8,983	8,780	12,495	22,121	15,382	9,252	10,552	4,065	112,300
1966	1,136	10,048	9,694	10,131	9,570	12,592	12,210	0	0	9,607	12,392	8,185	95,600
1967	241	15,929	11,882	10,776	9,414	12,053	11,613	15,951	0	0	8,771	12,540	109,200
1968	928	8,607	8,258	9,203	10,533	11,545	12,551	2,004	0	0	0	0	63,600
1969	78	9,357	2,761	2,761	2,444	2,311	1,211	1,094	0	0	0	0	22,000
1970	1,055	9,989	7,602	10,799	11,110	11,082	8,046	2,466	0	0	0	0	62,100
1971	1,064	9,981	7,787	9,460	9,406	2,459	1,211	805	0	0	0	0	42,200
1972	1,354	10,503	8,698	2,942	2,575	3,042	3,466	0	0	0	0	0	32,600
1973	969	9,825	7,150	8,805	8,991	11,075	1,188	2,527	0	0	0	0	50,500
Average	1,600	9,300	7,900	8,600	8,600	9,900	9,900	10,200	5,700	3,800	3,200	3,200	82,100

NO ACTION ALTERNATIVE
Bonneville Unit - Deliveries to Utah Lake
Location #0
Water Year Monthly Summary
(cfs)

(oe)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	20	44	42	55	47	29	0	0	0	0	0	0	20
1931	19	70	141	170	178	156	0	0	0	112	133	65	87
1932	68	110	118	153	189	243	225	283	191	229	147	0	163
1933	14	56	141	195	211	233	233	188	0	119	0	0	116
1934	55	117	95	84	103	157	116	0	0	20	42	31	68
1935	48	80	107	134	142	119	47	448	367	7	28	109	136
1936	114	137	115	146	156	167	301	332	189	176	0	19	154
1937	98	190	149	194	214	234	267	226	208	169	83	44	173
1938	8	152	126	147	167	223	247	279	161	98	24	42	140
1939	4	286	194	174	172	203	178	237	169	44	25	66	146
1940	21	220	131	149	167	151	73	221	128	28	36	91	118
1941	62	119	114	155	177	192	172	304	209	133	54	47	145
1942	16	142	63	111	133	151	231	323	184	128	30	59	131
1943	8	213	141	175	181	207	291	267	225	124	71	63	164
1944	2	250	161	152	130	151	172	248	246	107	34	57	143
1945	3	131	105	126	186	176	173	251	64	0	0	0	101
1946	4	169	139	155	160	185	316	274	114	28	0	46	133
1947	3	163	111	126	146	185	224	9	0	0	0	0	81
1948	4	151	100	110	134	144	279	2	0	0	0	35	80
1949	14	149	140	158	149	208	315	324	0	0	0	1	121
1950	3	159	122	169	193	202	326	8	0	0	151	199	128
1951	22	173	167	178	46	41	11	18	0	0	170	182	84
1952	4	158	146	47	44	43	20	23	2	0	0	0	41
1953	4	154	166	45	46	41	28	0	0	0	0	0	40
1954	6	150	100	152	190	175	13	0	0	123	134	112	96
1955	19	147	117	143	152	181	172	284	184	67	23	66	129
1956	26	183	184	201	196	181	216	312	173	93	23	69	155
1957	22	147	141	175	212	188	172	236	274	0	170	169	159
1958	1	175	135	145	174	205	252	30	0	112	162	122	126
1959	20	157	131	148	170	166	117	117	0	99	57	73	105
1960	28	235	152	153	155	177	153	245	167	49	62	103	140
1961	105	153	136	164	183	186	144	92	41	0	0	0	100
1962	28	129	139	98	224	224	351	359	217	147	22	66	167
1963	137	111	135	121	196	183	227	304	203	130	0	0	145
1964	31	159	160	172	157	161	231	335	237	91	108	45	157
1965	18	142	64	118	162	143	210	360	259	151	172	68	156
1966	19	169	158	165	173	205	206	0	0	157	202	138	133
1967	4	268	194	176	170	196	196	260	0	0	143	211	151
1968	15	145	135	150	183	188	211	33	0	0	0	0	88
1969	1	158	45	45	44	38	20	18	0	0	0	0	31
1970	17	168	124	176	200	181	135	40	0	0	0	0	87
1971	17	168	127	154	170	40	20	13	0	0	0	0	59
1972	22	177	142	48	45	50	58	0	0	0	0	0	45
1973	16	165	116	143	162	180	20	41	0	0	0	0	70
Average	27	157	129	140	154	161	167	167	96	62	52	55	114

NO ACTION ALTERNATIVE
Bonneville Unit - Supplemental Irrigation Deliveries
Location #0
Water Year Monthly Summary
(Acre-Feet)

(Of)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	32	0	0	0	0	326	17	1,635	8,530	3,434	678		14,700
1931	1,588	0	0	0	0	0	20	37	2,676	6,983	4,863	2,049	18,200
1932	552	0	0	0	0	0	0	10	4,652	0	934	1,205	7,400
1933	605	0	0	0	0	0	0	677	1,429	7,477	5,385	1,907	17,500
1934	425	0	0	0	0	0	0	2,689	11,636	12,981	6,624	3,236	37,600
1935	1,399	0	0	0	0	0	0	785	3,917	9,886	5,702	1,160	22,900
1936	705	0	0	0	0	0	0	124	2,603	10,547	4,928	1,312	20,200
1937	108	0	0	0	0	0	50	6	2,714	8,177	3,053	443	14,600
1938	85	0	0	0	0	0	0	274	0	1,920	3,818	973	7,100
1939	49	0	0	0	0	0	0	7	6,153	5,966	3,885	816	16,900
1940	957	0	0	0	0	0	0	262	2,427	10,400	5,159	1,848	21,100
1941	242	0	0	0	0	0	0	90	5,697	9,131	3,654	0	18,800
1942	265	0	0	0	0	0	0	659	1,603	7,064	4,621	0	14,200
1943	0	0	0	0	0	0	0	143	6,862	6,922	4,580	436	18,900
1944	234	0	0	0	0	0	0	2,215	4,090	4,586	3,720	218	15,100
1945	181	0	0	0	0	0	0	2,150	4,978	5,312	7,126	355	20,100
1946	22	0	0	0	0	0	0	7	1,082	6,557	4,265	20	12,000
1947	572	0	0	0	0	0	0	78	9,749	5,242	3,986	153	19,800
1948	280	0	0	0	0	0	0	1,131	4,020	5,289	4,025	96	14,800
1949	416	0	0	0	0	0	46	476	1,939	6,994	2,965	638	13,500
1950	511	0	0	0	0	0	0	149	888	8,641	3,243	170	13,600
1951	919	0	0	0	0	0	0	264	2,338	5,591	3,941	191	13,200
1952	355	0	0	0	0	0	0	203	1,038	4,426	2,801	141	9,000
1953	52	0	0	0	0	0	0	368	552	5,781	4,302	309	11,400
1954	91	0	0	0	0	0	0	0	3,423	7,148	1,660	1,587	13,900
1955	20	0	0	0	0	0	0	74	0	595	550	68	1,300
1956	54	0	0	0	0	0	0	69	12	3,506	0	0	3,600
1957	1,113	0	0	0	0	0	0	3,298	3,652	4,279	3,059	159	15,600
1958	197	0	0	0	0	0	0	170	551	5,481	2,503	1,170	10,100
1959	26	0	0	0	0	0	0	0	0	5,518	1,448	545	7,500
1960	125	0	0	0	0	0	0	54	0	2,174	0	670	3,000
1961	748	0	0	0	0	0	0	30	1,491	6,434	3,421	2,035	14,200
1962	1,548	0	0	0	0	0	0	127	3,506	9,419	1,202	1,267	17,100
1963	504	0	0	0	0	0	0	71	10,154	8,586	2,401	1,948	23,700
1964	345	0	0	0	0	0	0	1,885	8,469	2,160	1,628	0	14,500
1965	798	0	0	0	0	0	0	114	2,785	8,207	4,505	926	17,300
1966	129	0	0	0	0	0	0	0	0	5,997	922	731	7,800
1967	728	0	0	0	0	0	0	134	8,270	4,258	3,138	256	16,800
1968	1,665	0	0	0	0	0	0	611	2,946	5,022	5,469	203	15,900
1969	443	0	0	0	0	0	0	195	4,275	6,561	3,017	422	14,900
1970	821	0	0	0	0	0	0	154	6,011	5,541	2,590	1,164	16,300
1971	1,045	0	0	0	0	0	0	145	2,224	4,149	2,460	2,759	12,800
1972	1,728	0	0	0	0	0	0	191	4,147	6,899	3,058	2,560	18,600
1973	1,900	0	0	0	0	0	0	182	2,433	4,455	2,677	998	12,600
Average	560	0	0	0	0	0	10	460	3,400	6,200	3,300	860	14,800

NO ACTION ALTERNATIVE
Bonneville Unit - Supplemental Irrigation Deliveries
Location #0
Water Year Monthly Summary
(cfs)

(Of)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	1	0	0	0	0	0	5	0	28	139	56	11	20
1931	26	0	0	0	0	0	0	1	45	114	79	34	25
1932	9	0	0	0	0	0	0	0	78	0	15	20	10
1933	10	0	0	0	0	0	0	11	24	122	88	32	24
1934	7	0	0	0	0	0	0	44	196	211	108	54	52
1935	23	0	0	0	0	0	0	13	66	161	93	20	31
1936	11	0	0	0	0	0	0	2	44	172	80	22	28
1937	2	0	0	0	0	0	1	0	46	133	50	7	20
1938	1	0	0	0	0	0	0	4	0	31	62	16	10
1939	1	0	0	0	0	0	0	0	104	97	63	14	23
1940	16	0	0	0	0	0	0	4	41	169	84	31	29
1941	4	0	0	0	0	0	0	1	96	149	60	0	26
1942	4	0	0	0	0	0	0	11	27	115	75	0	19
1943	0	0	0	0	0	0	0	2	116	113	75	7	26
1944	4	0	0	0	0	0	0	36	69	75	61	4	21
1945	3	0	0	0	0	0	0	35	84	87	116	6	28
1946	0	0	0	0	0	0	0	0	18	107	69	0	16
1947	9	0	0	0	0	0	0	1	164	85	65	3	27
1948	5	0	0	0	0	0	0	18	68	86	66	2	20
1949	7	0	0	0	0	0	1	8	33	114	48	11	18
1950	8	0	0	0	0	0	0	2	15	141	53	3	19
1951	15	0	0	0	0	0	0	4	39	91	64	3	18
1952	6	0	0	0	0	0	0	3	17	72	46	2	12
1953	1	0	0	0	0	0	0	6	9	94	70	5	15
1954	1	0	0	0	0	0	0	0	58	116	27	27	19
1955	0	0	0	0	0	0	0	1	0	10	9	1	2
1956	1	0	0	0	0	0	0	1	0	57	0	0	5
1957	18	0	0	0	0	0	0	54	61	70	50	3	21
1958	3	0	0	0	0	0	0	3	9	89	41	20	14
1959	0	0	0	0	0	0	0	0	0	90	24	9	10
1960	2	0	0	0	0	0	0	1	0	35	0	11	4
1961	12	0	0	0	0	0	0	0	25	105	56	34	19
1962	25	0	0	0	0	0	0	2	59	153	20	21	23
1963	8	0	0	0	0	0	0	1	171	140	39	33	33
1964	6	0	0	0	0	0	0	31	143	35	27	0	20
1965	13	0	0	0	0	0	0	2	47	134	73	16	24
1966	2	0	0	0	0	0	0	0	0	98	15	12	11
1967	12	0	0	0	0	0	0	2	139	69	51	4	23
1968	27	0	0	0	0	0	0	10	50	82	89	3	22
1969	7	0	0	0	0	0	0	3	72	107	49	7	20
1970	13	0	0	0	0	0	0	3	101	90	42	20	22
1971	17	0	0	0	0	0	0	2	37	68	40	46	18
1972	28	0	0	0	0	0	0	3	70	112	50	43	26
1973	31	0	0	0	0	0	0	3	41	73	44	17	17
Average	9	0	0	0	0	0	0	8	57	100	54	14	20

NO ACTION ALTERNATIVE
Sixth Water Creek above Sixth Water Aqueduct - Total Flow
Location #1
Water Year Monthly Summary
(Acre-Feet)

(1a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	2,090	1,641	1,705	1,598	1,511	1,843	2,360	2,518	2,011	2,014	2,029	2,011	23,300
1931	2,105	1,610	1,675	1,614	1,480	1,705	1,901	2,121	1,935	1,968	1,968	1,904	22,000
1932	2,014	1,549	1,660	1,598	1,530	1,583	1,962	2,457	2,134	2,090	2,059	1,919	22,600
1933	2,029	1,579	1,660	1,598	1,388	1,598	1,671	2,671	2,440	2,167	2,075	1,996	22,900
1934	2,044	1,534	1,583	1,598	1,419	1,537	1,488	1,968	1,904	1,968	2,014	1,904	21,000
1935	1,983	1,564	1,537	1,537	1,388	1,537	1,763	2,763	2,256	2,059	2,014	1,981	22,400
1936	2,029	1,518	1,537	1,537	1,438	1,644	2,528	3,375	2,088	2,182	2,044	1,996	23,900
1937	2,059	1,564	1,583	1,537	1,480	1,767	2,237	3,559	2,225	2,167	2,059	1,965	24,200
1938	2,059	1,579	1,614	1,614	1,450	1,751	2,130	3,100	2,149	2,121	2,075	1,996	23,600
1939	2,059	1,564	1,629	1,614	1,419	1,797	1,916	2,258	1,904	1,968	1,968	1,935	22,000
1940	2,059	1,549	1,583	1,583	1,515	1,675	1,840	2,457	1,981	2,044	2,014	1,965	22,300
1941	2,014	1,549	1,598	1,598	1,465	1,644	1,794	2,610	2,149	2,136	1,968	1,996	22,500
1942	2,075	1,610	1,614	1,583	1,465	1,629	2,130	2,671	2,180	2,121	2,014	1,996	23,100
1943	2,059	1,610	1,629	1,598	1,511	1,660	2,023	2,320	2,057	2,059	1,968	1,935	22,400
1944	2,044	1,564	1,598	1,537	1,515	1,644	1,809	2,977	2,302	2,167	2,029	2,011	23,200
1945	2,090	1,595	1,583	1,583	1,465	1,644	1,794	2,809	2,149	2,059	2,121	2,011	22,900
1946	2,075	1,595	1,598	1,598	1,480	1,675	2,375	2,564	2,072	2,090	2,029	1,996	23,100
1947	2,059	1,595	1,598	1,614	1,465	1,690	1,931	2,580	2,088	2,136	2,044	1,950	22,700
1948	2,044	1,564	1,598	1,614	1,515	1,644	1,931	2,733	2,088	1,968	1,968	1,919	22,600
1949	2,059	1,579	1,614	1,537	1,450	1,660	2,100	2,840	2,271	2,136	2,044	2,011	23,300
1950	2,105	1,610	1,614	1,598	1,480	1,675	2,130	2,870	2,271	2,167	2,075	2,011	23,600
1951	2,105	1,641	1,644	1,598	1,480	1,675	2,115	2,993	2,241	1,968	1,998	2,011	23,500
1952	2,075	1,625	1,644	1,629	1,530	1,660	3,431	5,318	3,082	2,212	2,136	2,042	28,400
1953	2,121	1,732	1,736	1,644	1,511	1,690	1,901	2,473	2,225	2,121	2,075	1,996	23,200
1954	2,105	1,610	1,644	1,644	1,480	1,644	1,748	2,197	1,935	1,968	1,968	1,996	21,900
1955	2,044	1,579	1,614	1,629	1,465	1,629	1,687	2,396	1,950	2,044	2,029	1,919	22,000
1956	2,029	1,534	1,614	1,629	1,484	1,705	2,054	2,641	1,935	2,151	2,212	2,042	23,000
1957	2,044	1,564	1,614	1,629	1,496	1,660	1,794	3,207	2,654	2,136	2,044	1,996	23,800
1958	2,090	1,610	1,629	1,629	1,496	1,644	1,931	3,498	2,027	1,968	1,998	2,011	23,500
1959	2,075	1,579	1,629	1,629	1,465	1,644	1,656	1,998	1,935	2,029	2,105	1,965	21,700
1960	2,029	1,549	1,583	1,614	1,530	1,644	1,671	2,182	1,904	1,968	1,968	1,904	21,500
1961	2,044	1,564	1,583	1,614	1,434	1,598	1,595	2,121	1,904	1,968	1,968	1,965	21,400
1962	2,029	1,549	1,598	1,598	1,465	1,629	2,513	3,069	2,195	2,151	1,968	2,011	23,800
1963	2,075	1,564	1,598	1,629	1,557	1,660	1,687	2,641	2,149	2,121	2,014	1,904	22,600
1964	2,059	1,579	1,614	1,614	1,499	1,614	1,732	3,283	2,317	1,983	1,983	1,996	23,300
1965	2,059	1,595	1,660	1,644	1,480	1,675	2,222	3,758	2,792	2,212	2,151	2,057	25,300
1966	2,105	1,610	1,629	1,614	1,465	1,675	1,794	2,488	1,981	2,029	2,136	2,057	22,600
1967	2,090	1,579	1,614	1,614	1,450	1,675	1,625	2,779	2,562	2,136	2,090	2,042	23,300
1968	2,090	1,579	1,629	1,614	1,530	1,675	1,794	3,314	2,501	2,090	2,274	2,225	24,300
1969	2,151	1,595	1,644	1,644	1,496	1,705	2,972	3,957	2,337	2,136	2,151	2,078	25,900
1970	1,968	1,595	1,644	1,644	1,480	1,660	1,732	4,110	2,342	2,127	2,110	2,072	24,500
1971	1,968	1,610	1,629	1,644	1,480	1,690	2,299	4,706	2,296	2,117	2,125	2,069	25,600
1972	2,014	1,579	1,660	1,644	1,545	1,629	1,641	2,304	2,062	2,079	2,059	2,039	22,300
1973	2,044	1,595	1,629	1,629	1,465	1,660	2,023	4,951	2,484	2,157	2,166	2,105	25,900
Average	2,100	1,600	1,600	1,600	1,500	1,700	2,000	2,900	2,200	2,100	2,100	2,000	23,200

NO ACTION ALTERNATIVE
Sixth Water Creek above Sixth Water Aqueduct - Total Flow
Location #1
Water Year Monthly Summary
(cfs)

(1a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	34	28	28	26	27	30	40	41	34	33	33	34	32
1931	34	27	27	26	27	28	32	35	33	32	32	32	30
1932	33	26	27	26	27	26	33	40	36	34	34	32	31
1933	33	27	27	26	25	26	28	44	41	35	34	34	32
1934	33	26	26	26	26	25	25	32	32	32	33	32	29
1935	32	26	25	25	25	25	30	45	38	34	33	33	31
1936	33	26	25	25	25	27	43	55	35	36	33	34	33
1937	34	26	26	25	27	29	38	58	37	35	34	33	33
1938	34	27	26	26	26	29	36	51	36	35	34	34	33
1939	34	26	27	26	26	29	32	37	32	32	32	33	30
1940	34	26	26	26	26	27	31	40	33	33	33	33	31
1941	33	26	26	26	26	27	30	43	36	35	32	34	31
1942	34	27	26	26	26	27	36	44	37	35	33	34	32
1943	34	27	27	26	27	27	34	38	35	34	32	33	31
1944	33	26	26	25	26	27	30	49	39	35	33	34	32
1945	34	27	26	26	26	27	30	46	36	34	35	34	32
1946	34	27	26	26	27	27	40	42	35	34	33	34	32
1947	34	27	26	26	26	28	33	42	35	35	33	33	31
1948	33	26	26	26	26	27	33	45	35	32	32	32	31
1949	34	27	26	25	26	27	35	46	38	35	33	34	32
1950	34	27	26	26	27	27	36	47	38	35	34	34	33
1951	34	28	27	26	27	27	36	49	38	32	33	34	32
1952	34	27	27	27	27	27	58	87	52	36	35	34	39
1953	35	29	28	27	27	28	32	40	37	35	34	34	32
1954	34	27	27	27	27	27	29	36	33	32	32	34	30
1955	33	27	26	27	26	27	28	39	33	33	33	32	30
1956	33	26	26	27	26	28	35	43	33	35	36	34	32
1957	33	26	26	27	27	27	30	52	45	35	33	34	33
1958	34	27	27	27	27	27	33	57	34	32	33	34	33
1959	34	27	27	27	26	27	28	33	33	33	34	33	30
1960	33	26	26	26	27	27	28	36	32	32	32	32	30
1961	33	26	26	26	26	26	27	35	32	32	32	33	30
1962	33	26	26	26	26	27	42	50	37	35	32	34	33
1963	34	26	26	27	28	27	28	43	36	35	33	32	31
1964	34	27	26	26	26	26	29	53	39	32	32	34	32
1965	34	27	27	27	27	27	37	61	47	36	35	35	35
1966	34	27	27	26	26	27	30	41	33	33	35	35	31
1967	34	27	26	26	26	27	27	45	43	35	34	34	32
1968	34	27	27	26	27	27	30	54	42	34	37	37	34
1969	35	27	27	27	27	28	50	64	39	35	35	35	36
1970	32	27	27	27	27	27	29	67	39	35	34	35	34
1971	32	27	27	27	27	28	39	77	39	34	35	35	35
1972	33	27	27	27	27	27	28	38	35	34	34	34	31
1973	33	27	27	27	26	27	34	81	42	35	35	35	36
Average	34	27	26	26	26	27	33	48	37	34	33	34	32

NO ACTION ALTERNATIVE
Sixth Water Creek - Strawberry Tunnel Deliveries
Location #1
Water Year Monthly Summary
(Acre-Feet)

(1b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1,768	1,288	1,337	1,337	1,188	1,337	1,188	1,668	1,604	1,668	1,668	1,504	17,600
1931	1,768	1,288	1,337	1,337	1,188	1,337	1,088	1,568	1,504	1,668	1,668	1,604	17,400
1932	1,968	1,288	1,337	1,337	1,238	1,337	1,188	1,668	1,104	1,568	1,768	1,804	17,600
1933	1,668	1,288	1,337	1,337	1,188	1,337	1,288	1,768	1,604	1,668	1,668	1,604	17,800
1934	1,768	1,288	1,437	1,337	1,288	1,337	1,288	1,768	1,704	1,768	1,768	1,604	18,400
1935	1,968	1,288	1,337	1,337	1,188	1,337	1,288	1,768	1,604	1,668	1,768	1,604	18,200
1936	1,668	1,288	1,237	1,337	1,238	1,337	1,288	1,768	1,604	1,668	1,668	1,604	17,700
1937	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,504	1,668	1,668	1,604	16,900
1938	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,504	1,568	1,668	1,604	16,800
1939	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,604	1,668	1,768	1,704	17,100
1940	1,768	1,288	1,337	1,237	1,238	1,237	1,188	1,668	1,604	1,668	1,668	1,604	17,500
1941	1,668	1,188	1,337	1,337	1,188	1,237	1,288	1,668	1,604	1,668	1,668	1,704	17,600
1942	1,768	1,288	1,337	1,237	1,188	1,237	1,288	1,668	1,604	1,668	1,668	1,704	17,700
1943	1,768	1,288	1,337	1,237	1,188	1,237	1,288	1,668	1,704	1,668	1,668	1,704	17,800
1944	1,768	1,288	1,337	1,237	1,238	1,237	1,188	1,668	1,604	1,668	1,668	1,704	17,600
1945	1,768	1,288	1,337	1,237	1,188	1,237	1,188	1,668	1,604	1,668	1,668	1,604	17,500
1946	1,668	1,288	1,237	1,237	1,188	1,237	1,188	1,668	1,604	1,668	1,668	1,604	17,300
1947	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,668	1,668	1,604	17,000
1948	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,568	1,604	1,668	1,668	1,604	17,000
1949	1,768	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,604	1,568	1,668	1,604	17,000
1950	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,604	1,568	1,668	1,604	16,900
1951	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,900
1952	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,568	1,504	1,568	1,568	1,504	16,600
1953	1,568	1,188	1,137	1,137	1,088	1,137	1,088	1,568	1,504	1,668	1,668	1,604	16,400
1954	1,568	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,800
1955	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,504	1,668	1,668	1,604	16,800
1956	1,668	1,188	1,237	1,237	1,138	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,900
1957	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,504	1,668	1,668	1,604	16,800
1958	1,668	1,188	1,237	1,237	1,088	1,137	1,188	1,568	1,604	1,668	1,668	1,604	16,900
1959	1,668	1,188	1,237	1,237	1,088	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,900
1960	1,668	1,188	1,237	1,237	1,138	1,237	1,088	1,568	1,604	1,668	1,668	1,604	16,900
1961	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,604	1,668	1,668	1,604	17,000
1962	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,504	1,668	1,668	1,604	16,900
1963	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,604	1,668	1,668	1,604	17,000
1964	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,568	1,604	1,668	1,668	1,604	17,000
1965	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,568	1,504	1,668	1,668	1,604	16,900
1966	1,668	1,188	1,237	1,237	1,088	1,137	1,188	1,668	1,604	1,668	1,668	1,604	17,000
1967	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,568	1,668	1,604	16,900
1968	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,668	1,504	1,568	1,668	1,604	16,900
1969	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,568	1,668	1,604	16,900
1970	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,568	1,668	1,604	16,900
1971	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,568	1,668	1,604	16,900
1972	1,668	1,188	1,237	1,237	1,138	1,237	1,188	1,668	1,504	1,668	1,668	1,604	17,000
1973	1,668	1,188	1,237	1,237	1,088	1,237	1,188	1,668	1,504	1,568	1,668	1,604	16,900
Average	1,700	1,200	1,300	1,300	1,100	1,200	1,200	1,600	1,600	1,600	1,700	1,600	17,100

NO ACTION ALTERNATIVE
Sixth Water Creek - Strawberry Tunnel Deliveries
Location #1
Water Year Monthly Summary
(cfs)

(1b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	29	22	22	22	21	22	20	27	27	27	27	25	24
1931	29	22	22	22	21	22	18	26	25	27	27	27	24
1932	32	22	22	22	22	22	20	27	19	26	29	30	24
1933	27	22	22	22	21	22	22	29	27	27	27	27	25
1934	29	22	23	22	23	22	22	29	29	29	29	27	25
1935	32	22	22	22	21	22	22	29	27	27	29	27	25
1936	27	22	20	22	22	22	22	29	27	27	27	27	24
1937	27	20	20	20	20	20	20	26	25	27	27	27	23
1938	27	20	20	20	20	20	20	26	25	26	27	27	23
1939	27	20	20	20	20	20	18	26	27	27	29	29	24
1940	29	22	22	20	22	20	20	27	27	27	27	27	24
1941	27	20	22	22	21	20	22	27	27	27	27	29	24
1942	29	22	22	20	21	20	22	27	27	27	27	29	24
1943	29	22	22	20	21	20	22	27	29	27	27	29	25
1944	29	22	22	20	22	20	20	27	27	27	27	29	24
1945	29	22	22	20	21	20	20	27	27	27	27	27	24
1946	27	22	20	20	21	20	20	27	27	27	27	27	24
1947	27	20	20	20	20	20	20	27	25	27	27	27	23
1948	27	20	20	20	20	20	20	26	27	27	27	27	23
1949	29	20	20	20	20	20	20	26	27	26	27	27	23
1950	27	20	20	20	20	20	20	26	27	26	27	27	23
1951	27	20	20	20	20	20	18	26	27	27	27	27	23
1952	27	20	20	20	20	20	20	26	25	26	26	25	23
1953	26	20	19	19	20	19	18	26	25	27	27	27	23
1954	26	20	20	20	20	20	18	26	27	27	27	27	23
1955	27	20	20	20	20	20	18	26	25	27	27	27	23
1956	27	20	20	20	20	20	18	26	27	27	27	27	23
1957	27	20	20	20	20	20	18	26	25	27	27	27	23
1958	27	20	20	20	20	19	20	26	27	27	27	27	23
1959	27	20	20	20	20	20	18	26	27	27	27	27	23
1960	27	20	20	20	20	20	18	26	27	27	27	27	23
1961	27	20	20	20	20	20	20	26	27	27	27	27	23
1962	27	20	20	20	20	20	20	26	25	27	27	27	23
1963	27	20	20	20	20	20	20	26	27	27	27	27	23
1964	27	20	20	20	20	20	20	26	27	27	27	27	23
1965	27	20	20	20	20	20	20	26	25	27	27	27	23
1966	27	20	20	20	20	19	20	27	27	27	27	27	23
1967	27	20	20	20	20	20	20	27	25	26	27	27	23
1968	27	20	20	20	20	20	20	27	25	26	27	27	23
1969	27	20	20	20	20	20	20	27	25	26	27	27	23
1970	27	20	20	20	20	20	20	27	25	26	27	27	23
1971	27	20	20	20	20	20	20	27	25	26	27	27	23
1972	27	20	20	20	20	20	20	27	25	27	27	27	23
1973	27	20	20	20	20	20	20	27	25	26	27	27	23
Average	28	20	21	20	20	20	20	27	26	27	27	27	24

NO ACTION ALTERNATIVE
Sixth Water Creek - Strawberry Tunnel Seepage
Location #1
Water Year Monthly Summary
(Acre-Feet)

(1c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	200	200	200	200	200	200	300	300	300	300	300	400	3,100
1931	200	200	200	200	200	200	400	400	400	300	300	300	3,300
1932	0	200	200	200	200	200	300	300	800	400	200	100	3,100
1933	300	200	200	200	200	200	200	200	300	300	300	300	2,900
1934	200	200	100	200	100	200	200	200	200	200	200	300	2,300
1935	0	200	200	200	200	200	200	200	300	300	200	300	2,500
1936	300	200	300	200	200	200	200	200	300	300	300	300	3,000
1937	300	300	300	300	300	300	300	400	400	300	300	300	3,800
1938	300	300	300	300	300	300	300	400	400	400	300	300	3,900
1939	300	300	300	300	300	300	400	400	300	300	200	200	3,600
1940	200	200	200	300	200	300	300	300	300	300	300	300	3,200
1941	300	300	200	200	200	300	200	300	300	300	300	200	3,100
1942	200	200	200	300	200	300	200	300	300	300	300	200	3,000
1943	200	200	200	300	200	300	200	300	200	300	300	200	2,900
1944	200	200	200	300	200	300	300	300	300	300	300	200	3,100
1945	200	200	200	300	200	300	300	300	300	300	300	300	3,200
1946	300	200	300	300	200	300	300	300	300	300	300	300	3,400
1947	300	300	300	300	300	300	300	300	400	300	300	300	3,700
1948	300	300	300	300	300	300	300	400	300	300	300	300	3,700
1949	200	300	300	300	300	300	300	400	300	400	300	300	3,700
1950	300	300	300	300	300	300	300	400	300	400	300	300	3,800
1951	300	300	300	300	300	300	400	400	300	300	300	300	3,800
1952	300	300	300	300	300	300	300	400	400	400	400	400	4,100
1953	400	300	400	400	300	400	400	400	400	300	300	300	4,300
1954	400	300	300	300	300	300	400	400	300	300	300	300	3,900
1955	300	300	300	300	300	300	400	400	400	300	300	300	3,900
1956	300	300	300	300	300	300	400	400	300	300	300	300	3,800
1957	300	300	300	300	300	300	400	400	400	300	300	300	3,900
1958	300	300	300	300	300	400	300	400	300	300	300	300	3,800
1959	300	300	300	300	300	300	400	400	300	300	300	300	3,800
1960	300	300	300	300	300	300	400	400	300	300	300	300	3,800
1961	300	300	300	300	300	300	300	400	300	300	300	300	3,700
1962	300	300	300	300	300	300	300	400	400	300	300	300	3,800
1963	300	300	300	300	300	300	300	400	300	300	300	300	3,700
1964	300	300	300	300	300	300	300	400	300	300	300	300	3,700
1965	300	300	300	300	300	300	300	400	400	400	300	300	3,800
1966	300	300	300	300	300	400	300	300	300	300	300	300	3,700
1967	300	300	300	300	300	300	300	300	400	400	300	300	3,800
1968	300	300	300	300	300	300	300	300	400	400	300	300	3,800
1969	300	300	300	300	300	300	300	300	400	400	300	300	3,800
1970	300	300	300	300	300	300	300	300	400	400	400	300	3,800
1971	300	300	300	300	300	300	300	300	400	400	400	300	3,800
1972	300	300	300	300	300	300	300	300	400	400	300	300	3,700
1973	300	300	300	300	300	300	300	300	400	400	300	300	3,800
Average	270	270	270	280	270	290	310	340	350	320	290	290	3,600

NO ACTION ALTERNATIVE
Sixth Water Creek - Strawberry Tunnel Seepage
Location #1
Water Year Monthly Summary
(cfs)

(1c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	3	3	3	3	4	3	5	5	5	5	5	7	4
1931	3	3	3	3	4	3	7	7	7	5	5	5	5
1932	0	3	3	3	3	3	5	5	13	7	3	2	4
1933	5	3	3	3	4	3	3	3	5	5	5	5	4
1934	3	3	2	3	2	3	3	3	3	3	3	5	3
1935	0	3	3	3	4	3	3	3	5	5	3	5	3
1936	5	3	5	3	3	3	3	3	5	5	5	5	4
1937	5	5	5	5	5	5	5	7	7	5	5	5	5
1938	5	5	5	5	5	5	5	7	7	7	5	5	5
1939	5	5	5	5	5	5	7	7	5	5	3	3	5
1940	3	3	3	5	3	5	5	5	5	5	5	5	4
1941	5	5	3	3	4	5	3	5	5	5	5	3	4
1942	3	3	3	5	4	5	3	5	5	5	5	3	4
1943	3	3	3	5	4	5	3	5	3	5	5	3	4
1944	3	3	3	5	3	5	5	5	5	5	5	3	4
1945	3	3	3	5	4	5	5	5	5	5	5	5	4
1946	5	3	5	5	4	5	5	5	5	5	5	5	5
1947	5	5	5	5	5	5	5	5	7	5	5	5	5
1948	5	5	5	5	5	5	5	7	5	5	5	5	5
1949	3	5	5	5	5	5	5	7	5	7	5	5	5
1950	5	5	5	5	5	5	5	7	5	7	5	5	5
1951	5	5	5	5	5	5	7	7	5	5	5	5	5
1952	5	5	5	5	5	5	5	7	7	7	7	7	6
1953	7	5	7	7	5	7	7	7	7	5	5	5	6
1954	7	5	5	5	5	5	7	7	5	5	5	5	5
1955	5	5	5	5	5	5	7	7	7	5	5	5	5
1956	5	5	5	5	5	5	7	7	5	5	5	5	5
1957	5	5	5	5	5	5	7	7	7	5	5	5	5
1958	5	5	5	5	5	7	5	7	5	5	5	5	5
1959	5	5	5	5	5	5	7	7	5	5	5	5	5
1960	5	5	5	5	5	5	7	7	5	5	5	5	5
1961	5	5	5	5	5	5	5	7	5	5	5	5	5
1962	5	5	5	5	5	5	5	7	7	5	5	5	5
1963	5	5	5	5	5	5	5	7	5	5	5	5	5
1964	5	5	5	5	5	5	5	7	5	5	5	5	5
1965	5	5	5	5	5	5	5	7	7	5	5	5	5
1966	5	5	5	5	5	7	5	5	5	5	5	5	5
1967	5	5	5	5	5	5	5	5	7	7	5	5	5
1968	5	5	5	5	5	5	5	5	7	7	5	5	5
1969	5	5	5	5	5	5	5	5	7	7	5	5	5
1970	5	5	5	5	5	5	5	5	7	7	5	5	5
1971	5	5	5	5	5	5	5	5	7	7	5	5	5
1972	5	5	5	5	5	5	5	5	7	5	5	5	5
1973	5	5	5	5	5	5	5	5	7	7	5	5	5
Average	4	5	4	5	5	5	5	6	6	5	5	5	5

NO ACTION ALTERNATIVE
Sixth Water Creek - Natural Flow Gains, Strawberry Tunnel to Sixth Water Aqueduct
Location #1
Water Year Monthly Summary
(Acre-Feet)

(1d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	122	153	168	61	122	306	872	551	107	46	61	107	2,700
1931	138	122	138	77	92	168	413	153	31	0	0	0	1,300
1932	46	61	122	61	92	46	474	490	230	122	92	15	1,900
1933	61	92	122	61	0	61	184	704	536	199	107	92	2,200
1934	77	46	46	61	31	0	0	0	0	0	46	0	310
1935	15	77	0	0	0	0	275	796	352	92	46	77	1,700
1936	61	31	0	0	0	107	1040	1408	184	214	77	92	3,200
1937	92	77	46	0	92	230	750	1591	321	199	92	61	3,500
1938	92	92	77	77	61	214	643	1132	245	153	107	92	3,000
1939	92	77	92	77	31	260	428	291	0	0	0	31	1,400
1940	92	61	46	46	77	138	352	490	77	77	46	61	1,600
1941	46	61	61	61	77	107	306	643	245	168	0	92	1,900
1942	107	122	77	46	77	92	643	704	275	153	46	92	2,400
1943	92	122	92	61	122	122	536	352	153	92	0	31	1,800
1944	77	77	61	0	77	107	321	1010	398	199	61	107	2,500
1945	122	107	46	46	77	107	306	842	245	92	153	107	2,200
1946	107	107	61	61	92	138	887	597	168	122	61	92	2,500
1947	92	107	61	77	77	153	444	612	184	168	77	46	2,100
1948	77	77	61	77	77	107	444	765	184	0	0	15	1,900
1949	92	92	77	0	61	122	612	872	367	168	77	107	2,600
1950	138	122	77	61	92	138	643	903	367	199	107	107	3,000
1951	138	153	107	61	92	138	627	1025	337	0	31	107	2,800
1952	107	138	107	92	92	122	1943	3351	1178	245	168	138	7,700
1953	153	245	199	107	122	153	413	505	321	153	107	92	2,600
1954	138	122	107	107	92	107	260	230	31	0	0	92	1,300
1955	77	92	77	92	77	92	199	428	46	77	61	15	1,300
1956	61	46	77	92	46	168	566	673	31	184	245	138	2,300
1957	77	77	77	92	107	122	306	1239	750	168	77	92	3,200
1958	122	122	92	92	107	107	444	1530	122	0	31	107	2,900
1959	107	92	92	92	77	107	168	31	31	61	138	61	1,100
1960	61	61	46	77	92	107	184	214	0	0	0	0	840
1961	77	77	46	77	46	61	107	153	0	0	0	61	700
1962	61	61	61	61	77	92	1025	1102	291	184	0	107	3,100
1963	107	77	61	92	168	122	199	673	245	153	46	0	1,900
1964	92	92	77	77	61	77	245	1316	413	15	15	92	2,600
1965	92	107	122	107	92	138	734	1790	887	245	184	153	4,700
1966	138	122	92	77	77	138	306	520	77	61	168	153	1,900
1967	122	92	77	77	61	138	138	811	658	168	122	138	2,600
1968	122	92	92	77	92	138	306	1346	597	122	306	321	3,600
1969	184	107	107	107	107	168	1484	1989	433	168	184	174	5,200
1970	0	107	107	107	92	122	245	2142	438	160	143	168	3,800
1971	0	122	92	107	92	153	811	2739	392	150	157	165	5,000
1972	46	92	122	107	107	92	153	337	158	112	91	135	1,600
1973	77	107	92	92	77	122	536	2984	580	189	198	201	5,300
Average	90	100	80	70	80	130	500	960	290	120	80	90	2,600

NO ACTION ALTERNATIVE
Sixth Water Creek - Natural Flow Gains, Strawberry Tunnel to Sixth Water Aqueduct
Location #1
Water Year Monthly Summary
(cfs)

(1d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	2	3	3	1	2	5	15	9	2	1	1	2	4
1931	2	2	2	1	2	3	7	2	1	0	0	0	2
1932	1	1	2	1	2	1	8	8	4	2	1	0	3
1933	1	2	2	1	0	1	3	11	9	3	2	2	3
1934	1	1	1	1	1	0	0	0	0	0	1	0	0
1935	0	1	0	0	0	0	5	13	6	1	1	1	2
1936	1	1	0	0	0	2	18	23	3	3	1	2	4
1937	1	1	1	0	2	4	13	26	5	3	1	1	5
1938	1	2	1	1	1	3	11	18	4	2	2	2	4
1939	1	1	1	1	1	4	7	5	0	0	0	1	2
1940	1	1	1	1	1	2	6	8	1	1	1	1	2
1941	1	1	1	1	1	2	5	10	4	3	0	2	3
1942	2	2	1	1	1	1	11	11	5	2	1	2	3
1943	1	2	1	1	2	2	9	6	3	1	0	1	2
1944	1	1	1	0	1	2	5	16	7	3	1	2	3
1945	2	2	1	1	1	2	5	14	4	1	2	2	3
1946	2	2	1	1	2	2	15	10	3	2	1	2	3
1947	1	2	1	1	1	2	7	10	3	3	1	1	3
1948	1	1	1	1	1	2	7	12	3	0	0	0	3
1949	1	2	1	0	1	2	10	14	6	3	1	2	4
1950	2	2	1	1	2	2	11	15	6	3	2	2	4
1951	2	3	2	1	2	2	11	17	6	0	0	2	4
1952	2	2	2	1	2	2	33	55	20	4	3	2	11
1953	2	4	3	2	2	2	7	8	5	2	2	2	4
1954	2	2	2	2	2	2	4	4	1	0	0	2	2
1955	1	2	1	1	1	1	3	7	1	1	1	0	2
1956	1	1	1	1	1	3	10	11	1	3	4	2	3
1957	1	1	1	1	2	2	5	20	13	3	1	2	4
1958	2	2	1	1	2	2	7	25	2	0	0	2	4
1959	2	2	1	1	1	2	3	0	1	1	2	1	1
1960	1	1	1	1	1	2	2	3	3	0	0	0	1
1961	1	1	1	1	1	1	2	2	0	0	0	1	1
1962	1	1	1	1	1	1	17	18	5	3	0	2	4
1963	2	1	1	1	3	2	3	11	4	2	1	0	3
1964	1	2	1	1	1	1	4	21	7	0	0	2	4
1965	1	2	2	2	2	2	12	29	15	4	3	3	6
1966	2	2	1	1	1	2	5	8	1	1	3	3	3
1967	2	2	1	1	1	2	2	13	11	3	2	2	4
1968	2	2	1	1	2	2	5	22	10	2	5	5	5
1969	3	2	2	2	2	3	25	32	7	3	3	3	7
1970	0	2	2	2	2	2	4	35	7	3	2	3	5
1971	0	2	1	2	2	2	14	45	7	2	3	3	7
1972	1	2	2	2	2	1	3	5	3	2	1	2	2
1973	1	2	1	1	1	2	9	49	10	3	3	3	7
Average	1	2	1	1	1	2	8	16	5	2	1	2	4

NO ACTION ALTERNATIVE
Sixth Water Creek below Sixth Water Aqueduct - Total Flow
Location #2
Water Year Monthly Summary
(Acre-Feet)

(2a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	3,288	2,960	2,964	3,607	2,951	2,265	5,899	10,068	25,772	25,476	17,445	8,985	111,700
1931	3,205	4,476	9,006	10,686	10,158	9,917	3,113	15,790	25,577	32,241	22,938	10,310	157,400
1932	5,892	6,799	7,541	9,628	11,149	15,186	15,915	26,767	29,623	28,793	25,371	7,320	190,000
1933	3,452	3,647	8,978	12,230	11,896	14,587	14,235	13,169	16,164	33,766	17,362	8,429	157,900
1934	5,688	7,181	5,993	5,398	5,827	9,838	9,765	11,189	18,036	19,912	13,122	7,589	119,500
1935	4,450	5,052	6,781	8,412	8,071	7,484	3,242	29,381	37,959	25,602	18,056	15,308	169,800
1936	9,067	8,367	7,356	9,192	9,145	10,567	19,090	27,324	29,674	31,257	14,504	8,422	184,000
1937	10,037	11,662	9,471	12,224	12,262	14,914	20,088	30,390	28,984	31,227	22,420	11,347	215,000
1938	3,459	9,430	8,139	9,426	9,635	14,223	19,121	27,608	30,919	22,716	18,306	9,870	182,900
1939	3,806	17,370	12,287	11,083	9,857	12,996	14,620	28,628	30,318	29,279	18,700	11,350	200,300
1940	3,460	13,342	8,268	9,520	9,872	9,677	9,784	29,522	31,929	24,399	17,803	10,509	178,100
1941	6,012	7,429	7,286	9,802	10,104	12,185	10,726	23,806	28,859	32,353	16,787	10,708	176,100
1942	3,250	8,731	4,148	7,152	7,644	9,644	14,553	21,885	29,985	33,302	19,544	10,986	170,800
1943	3,456	12,956	8,919	11,090	10,381	13,134	19,722	27,335	28,080	33,434	21,992	13,058	203,600
1944	3,729	15,121	10,153	9,643	7,754	9,705	10,846	18,906	27,771	34,282	22,095	12,621	182,600
1945	3,515	8,093	6,686	8,070	10,571	11,232	10,868	21,029	19,750	27,904	14,079	9,762	151,600
1946	3,870	10,370	8,919	9,846	9,186	11,784	19,931	27,498	28,780	26,401	15,326	11,840	183,800
1947	3,363	10,118	7,168	8,114	8,481	11,793	14,060	8,027	16,232	27,110	19,253	10,999	144,700
1948	4,604	9,336	6,521	7,134	8,062	9,218	17,308	14,401	18,913	24,689	17,355	13,086	150,600
1949	3,397	9,255	8,946	9,977	8,608	13,186	20,787	25,894	19,106	25,462	20,741	9,394	174,800
1950	4,233	9,879	7,882	10,749	11,097	12,835	20,331	6,244	19,845	24,539	32,240	25,275	185,100
1951	3,018	10,718	10,675	11,290	2,936	2,949	2,138	4,213	20,474	28,691	31,319	22,702	151,100
1952	3,222	9,835	9,380	3,287	2,943	3,067	3,431	6,129	11,418	22,191	15,770	12,579	103,300
1953	8,074	9,681	10,792	3,299	2,947	3,045	2,491	7,183	21,574	27,634	19,809	11,001	127,500
1954	3,205	9,324	6,524	9,754	10,939	11,172	3,312	12,830	23,854	33,395	28,792	13,723	166,800
1955	3,536	9,132	7,533	9,140	8,825	11,481	10,834	21,858	29,754	29,882	17,252	11,046	170,300
1956	3,605	11,197	11,689	12,743	11,603	11,594	14,610	25,670	30,205	28,659	18,959	11,433	192,000
1957	3,513	9,131	9,025	11,146	12,173	11,939	10,940	19,603	26,572	28,148	31,376	21,346	194,900
1958	3,704	10,800	8,681	9,266	10,072	13,116	15,741	4,576	19,554	33,871	31,684	14,923	176,000
1959	3,371	9,706	8,454	9,448	9,812	10,606	8,030	18,028	22,831	27,628	17,709	10,569	156,200
1960	3,609	14,341	9,670	9,764	9,315	11,296	10,237	22,826	30,422	24,338	17,926	11,492	175,200
1961	8,220	9,489	8,710	10,434	10,489	11,790	8,973	15,777	22,948	18,634	10,121	5,096	140,700
1962	3,707	8,002	8,920	6,351	12,792	14,125	22,183	23,664	28,573	32,496	17,854	10,312	189,000
1963	10,692	6,945	8,654	7,817	11,344	11,682	13,963	24,212	29,135	33,228	14,867	5,948	178,500
1964	4,767	9,866	10,175	10,914	9,355	10,258	14,285	25,862	27,840	34,818	24,740	11,188	194,100
1965	3,255	8,852	4,342	7,653	9,375	9,218	13,529	24,436	27,355	32,404	27,680	11,714	179,800
1966	3,203	10,470	10,086	10,508	9,947	13,130	13,916	8,220	21,877	31,965	29,482	15,069	177,900
1967	3,091	16,321	12,259	11,153	9,775	12,491	12,051	17,206	10,758	27,426	32,631	26,123	191,300
1968	3,125	8,999	8,650	9,580	10,925	11,983	13,157	4,302	14,743	26,944	18,265	11,474	142,100
1969	3,304	9,764	3,168	3,168	2,851	2,779	2,995	6,318	16,508	25,130	23,600	10,626	110,200
1970	3,776	10,396	8,009	11,206	11,502	11,504	8,591	5,112	17,230	26,600	24,533	8,632	147,100
1971	3,809	10,403	8,179	9,867	9,798	2,912	2,322	6,069	16,516	26,609	24,917	6,423	127,800
1972	3,688	10,895	9,120	3,349	2,982	3,434	3,919	14,928	20,806	26,311	19,149	6,895	125,500
1973	3,366	10,232	7,542	9,197	9,368	11,497	2,024	6,013	13,613	26,005	21,975	7,999	128,800
Average	4,400	9,700	8,300	8,900	9,000	10,300	11,500	17,500	23,800	28,300	21,000	11,700	164,500

NO ACTION ALTERNATIVE
Sixth Water Creek below Sixth Water Aqueduct - Total Flow
Location #2
Water Year Monthly Summary
(cfs)

(2a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	54	50	48	59	53	37	99	164	434	415	284	151	154
1931	52	75	147	174	183	162	52	257	431	525	374	174	217
1932	96	114	123	157	194	247	268	436	499	469	413	123	262
1933	56	61	146	199	215	238	240	215	272	550	283	142	218
1934	93	121	98	88	105	160	164	182	304	324	214	128	165
1935	72	85	110	137	146	122	55	479	639	417	294	258	234
1936	148	141	120	150	159	172	321	445	500	509	236	142	254
1937	164	196	154	199	221	243	338	495	488	509	365	191	297
1938	56	159	133	154	174	232	322	450	521	370	298	166	253
1939	62	292	200	181	178	212	246	466	510	477	305	191	277
1940	56	225	135	155	172	158	165	481	538	398	290	177	246
1941	98	125	119	160	182	199	181	388	486	527	273	180	243
1942	53	147	68	117	138	157	245	357	505	543	318	185	236
1943	56	218	145	181	187	214	332	445	473	545	358	220	281
1944	61	255	165	157	135	158	183	308	468	559	360	212	252
1945	57	136	109	131	191	183	183	343	332	455	229	164	209
1946	63	175	145	160	166	192	336	448	485	430	250	199	254
1947	55	170	117	132	153	192	237	131	273	442	314	185	200
1948	75	157	106	116	140	150	291	235	318	402	283	220	208
1949	55	156	146	163	155	215	350	422	322	415	338	158	241
1950	69	166	128	175	200	209	342	102	334	400	525	426	256
1951	49	180	174	184	53	48	36	69	345	467	510	382	208
1952	52	166	153	54	51	50	58	100	192	362	257	212	142
1953	132	163	176	54	53	50	42	117	363	450	323	185	176
1954	52	157	106	159	197	182	56	209	402	544	469	231	230
1955	58	154	123	149	159	187	182	356	501	487	281	186	235
1956	59	189	190	208	202	189	246	418	509	467	309	192	265
1957	57	154	147	182	220	195	184	319	447	459	511	359	269
1958	60	182	141	151	182	214	265	75	329	552	516	251	243
1959	55	163	138	154	177	173	135	294	384	450	289	178	216
1960	59	241	158	159	162	184	172	372	512	397	292	193	242
1961	134	160	142	170	189	192	151	257	386	304	165	86	195
1962	60	135	145	103	231	230	373	386	481	529	291	174	262
1963	174	117	141	127	205	190	235	394	490	541	242	100	247
1964	78	166	166	178	163	167	240	421	469	567	403	188	267
1965	53	149	71	125	169	150	228	398	461	528	451	197	248
1966	52	176	164	171	179	214	234	134	368	521	480	254	246
1967	50	275	200	182	176	203	203	280	181	447	532	440	264
1968	51	151	141	156	190	195	221	70	248	439	298	193	196
1969	54	164	52	52	51	45	50	103	278	409	384	179	152
1970	62	175	130	183	207	187	145	83	290	433	400	145	203
1971	62	175	133	161	177	47	39	99	278	434	406	108	177
1972	60	183	149	55	52	56	66	243	350	429	312	116	173
1973	55	172	123	150	169	187	34	98	229	424	358	135	178
Average	71	163	135	146	161	168	194	285	401	462	343	197	227

NO ACTION ALTERNATIVE
Sixth Water Creek - Water Releases from Sixth Water Aqueduct
Location #2
Water Year Monthly Summary
(Acre-Feet)

(2b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1,198	1,319	1,259	2,009	1,441	422	3,539	7,549	23,761	23,463	15,416	6,974	88,300
1931	1,100	2,866	7,331	9,072	8,678	8,212	1,212	13,670	23,642	30,273	20,970	8,405	135,400
1932	3,878	5,250	5,882	8,030	9,619	13,603	13,953	24,309	27,489	26,703	23,312	5,401	167,400
1933	1,423	2,067	7,319	10,632	10,508	12,989	12,563	10,497	13,725	31,599	15,287	6,433	135,000
1934	3,644	5,647	4,410	3,800	4,408	8,301	8,277	9,221	16,131	17,944	11,109	5,685	98,600
1935	2,467	3,487	5,244	6,875	6,683	5,947	1,479	26,618	35,703	23,543	16,043	13,327	147,400
1936	7,038	6,848	5,819	7,655	7,707	8,923	16,562	23,949	27,586	29,075	12,460	6,426	160,000
1937	7,978	10,097	7,888	10,687	10,782	13,147	17,850	26,831	26,759	29,061	20,361	9,382	190,800
1938	1,400	7,850	6,525	7,812	8,186	12,472	16,990	24,508	28,770	20,595	16,231	7,874	159,200
1939	1,747	15,805	10,658	9,469	8,438	11,199	12,704	26,370	28,413	27,311	16,733	9,416	178,300
1940	1,401	11,793	6,685	7,937	8,357	8,002	7,944	27,065	29,948	22,354	15,790	8,543	155,800
1941	3,999	5,880	5,688	8,204	8,639	10,541	8,932	21,195	26,710	30,217	14,819	8,712	153,500
1942	1,175	7,121	2,534	5,569	6,179	8,015	12,422	19,214	27,805	31,182	17,530	8,990	147,700
1943	1,396	11,346	7,290	9,492	8,871	11,475	17,698	25,015	26,023	31,375	20,025	11,123	181,100
1944	1,685	13,556	8,555	8,106	6,239	8,061	9,037	15,929	25,469	32,115	20,066	10,610	159,400
1945	1,425	6,498	5,103	6,487	9,106	9,588	9,074	18,219	17,601	25,845	11,958	7,751	128,700
1946	1,795	8,775	7,321	8,248	7,706	10,109	17,556	24,934	26,707	24,311	13,297	9,844	160,600
1947	1,303	8,523	5,570	6,500	7,016	10,103	12,128	5,447	14,145	24,974	17,208	9,049	122,000
1948	2,560	7,771	4,923	5,520	6,547	7,574	15,376	11,669	16,825	22,722	15,388	11,167	128,000
1949	1,338	7,675	7,332	8,440	7,159	11,527	18,687	23,054	16,835	23,326	18,697	7,382	151,500
1950	2,128	8,269	6,268	9,151	9,617	11,160	18,200	3,374	17,574	22,373	30,165	23,264	161,500
1951	913	9,077	9,031	9,692	1,456	1,274	23	1,221	18,234	26,724	29,321	20,691	127,700
1952	1,147	8,209	7,736	1,658	1,413	1,408	0	810	8,336	19,979	13,634	10,537	74,900
1953	5,954	7,948	9,056	1,655	1,437	1,355	590	4,711	19,348	25,513	17,734	9,005	104,300
1954	1,100	7,714	4,880	8,110	9,459	9,528	1,564	10,632	21,919	31,428	26,824	11,727	144,900
1955	1,492	7,552	5,919	7,511	7,360	9,852	9,147	19,462	27,804	27,838	15,223	9,127	148,300
1956	1,577	9,663	10,075	11,114	10,119	9,889	12,556	23,030	28,270	26,508	16,746	9,391	168,900
1957	1,469	7,566	7,411	9,517	10,678	10,280	9,146	16,396	23,919	26,012	29,332	19,350	171,100
1958	1,614	9,190	7,052	7,637	8,577	11,472	13,809	1,079	17,527	31,903	29,686	12,912	152,500
1959	1,296	8,126	6,825	7,819	8,347	8,962	6,374	16,029	20,896	25,600	15,604	8,604	134,500
1960	1,580	12,792	8,087	8,150	7,785	9,652	8,565	20,645	28,518	22,371	15,958	9,588	153,700
1961	6,175	7,924	7,127	8,820	9,055	10,192	7,378	13,656	21,044	16,666	8,153	3,131	119,300
1962	1,679	6,453	7,322	4,753	11,327	12,496	19,670	20,595	26,378	30,345	15,887	8,301	165,200
1963	8,617	5,380	7,056	6,188	9,788	10,023	12,276	21,571	26,986	31,107	12,853	4,044	155,900
1964	2,708	8,286	8,561	9,300	7,856	8,644	12,552	22,579	25,522	32,835	22,757	9,192	170,800
1965	1,196	7,257	2,683	6,009	7,895	7,543	11,307	20,678	24,563	30,192	25,529	9,657	154,500
1966	1,098	8,860	8,457	8,894	8,482	11,455	12,122	5,732	19,896	29,936	27,346	13,012	155,300
1967	1,001	14,741	10,645	9,539	8,326	10,816	10,425	14,427	8,196	25,290	30,541	24,082	168,000
1968	1,035	7,419	7,021	7,966	9,395	10,308	11,363	988	12,242	24,854	15,992	9,248	117,800
1969	1,153	8,169	1,524	1,524	1,356	1,074	23	2,362	14,171	22,994	21,449	8,548	84,300
1970	1,809	8,801	6,365	9,562	10,022	9,845	6,858	1,002	14,887	24,473	22,423	6,560	122,600
1971	1,842	8,793	6,550	8,223	8,318	1,222	23	1,363	14,220	24,492	22,793	4,355	102,200
1972	1,674	9,315	7,461	1,705	1,437	1,805	2,278	12,623	18,743	24,232	17,090	4,856	103,200
1973	1,322	8,637	5,913	7,568	7,903	9,838	0	1,062	11,129	23,848	19,809	5,894	102,900
Average	2,300	8,100	6,600	7,300	7,500	8,600	9,600	14,600	21,600	26,300	19,000	9,700	141,200

NO ACTION ALTERNATIVE
Sixth Water Creek - Water Releases from Sixth Water Aqueduct
Location #2
Water Year Monthly Summary
(cfs)

(2b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	20	22	21	33	26	7	60	123	400	382	251	117	122
1931	18	48	119	148	157	134	20	223	398	493	342	142	187
1932	63	88	96	131	168	222	235	396	463	435	380	91	231
1933	23	35	119	173	190	212	212	171	231	515	249	108	186
1934	59	95	72	62	80	135	139	150	272	292	181	96	136
1935	40	59	85	112	121	97	25	434	601	384	261	224	204
1936	115	115	95	125	134	145	279	390	464	474	203	108	221
1937	130	170	129	174	194	214	301	437	450	473	332	158	264
1938	23	132	106	127	148	203	286	399	484	336	264	133	220
1939	28	266	174	154	152	182	214	430	478	445	273	159	246
1940	23	199	109	129	146	130	134	441	504	364	257	144	215
1941	65	99	93	134	156	172	150	345	450	492	241	147	212
1942	19	120	41	91	111	131	209	313	468	508	286	151	204
1943	23	191	119	155	160	187	298	408	438	511	326	187	250
1944	27	228	139	132	109	131	152	260	429	523	327	179	220
1945	23	109	83	106	164	156	153	297	296	421	195	130	178
1946	29	148	119	134	139	165	296	406	450	396	217	166	222
1947	21	143	91	106	127	165	204	89	238	407	280	152	169
1948	42	131	80	90	114	123	259	190	283	370	251	188	177
1949	22	129	119	138	129	188	315	376	283	380	305	124	209
1950	35	139	102	149	173	182	306	55	296	364	491	392	224
1951	15	153	147	158	26	21	0	20	307	435	478	348	176
1952	19	138	126	27	25	23	0	13	140	325	222	177	103
1953	97	134	148	27	26	22	10	77	326	416	289	152	143
1954	18	130	80	132	171	155	26	173	369	512	437	197	200
1955	24	127	96	122	133	161	154	317	468	454	248	154	205
1956	26	163	164	181	176	161	211	375	476	432	273	158	233
1957	24	127	121	155	193	167	154	267	403	424	478	326	237
1958	26	155	115	124	155	187	232	18	295	520	484	217	211
1959	21	137	111	127	151	146	107	261	352	417	254	145	186
1960	26	215	132	133	136	157	144	336	480	364	260	161	212
1961	101	133	116	144	163	166	124	222	354	272	133	53	165
1962	27	109	119	77	204	204	331	336	444	494	259	140	229
1963	140	91	115	101	177	163	207	351	454	507	209	68	215
1964	44	140	139	152	137	141	211	368	430	535	371	155	235
1965	19	122	44	98	142	123	190	337	414	492	416	163	213
1966	18	149	138	145	153	187	204	93	335	488	446	219	215
1967	16	248	173	155	150	176	176	235	138	412	498	405	232
1968	17	125	114	130	164	168	191	16	206	405	261	156	163
1969	19	138	25	25	24	17	0	38	239	375	349	144	116
1970	29	148	104	156	181	160	115	16	251	399	365	110	170
1971	30	148	107	134	150	20	0	22	239	399	371	73	141
1972	27	157	122	28	25	29	38	206	316	395	278	82	142
1973	22	145	96	123	143	160	0	17	187	389	323	99	142
Average	38	136	108	119	134	141	161	237	364	428	309	164	195

NO ACTION ALTERNATIVE
Sixth Water Creek below Fifth Water Creek - Total Flow
Location #2
Water Year Monthly Summary
(Acre-Feet)

(3a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	3,501	3,226	3,257	3,714	3,165	2,798	7,417	11,027	25,958	25,556	17,551	9,172	116,300
1931	3,445	4,690	9,245	10,819	10,318	10,210	3,832	16,057	25,630	32,241	22,938	10,310	159,700
1932	5,972	6,906	7,755	9,735	11,309	15,266	16,741	27,619	30,022	29,007	25,531	7,347	193,200
1933	3,558	3,807	9,192	12,337	11,896	14,694	14,554	14,394	17,097	34,112	17,548	8,589	161,800
1934	5,821	7,261	6,073	5,505	5,880	9,838	9,765	11,189	18,036	19,912	13,202	7,589	120,100
1935	4,477	5,185	6,781	8,412	8,071	7,484	3,722	30,766	38,572	25,762	18,136	15,441	172,800
1936	9,173	8,420	7,356	9,192	9,145	10,754	20,902	29,775	29,994	31,630	14,638	8,582	189,600
1937	10,197	11,795	9,551	12,224	12,422	15,313	21,393	33,161	29,544	31,574	22,580	11,454	221,200
1938	3,619	9,590	8,272	9,559	9,742	14,596	20,239	29,579	31,345	22,982	18,492	10,029	188,000
1939	3,966	17,503	12,447	11,216	9,910	13,449	15,366	29,135	30,318	29,279	18,700	11,404	202,700
1940	3,620	13,449	8,348	9,600	10,005	9,916	10,397	30,375	32,062	24,532	17,883	10,615	180,800
1941	6,092	7,536	7,393	9,909	10,237	12,372	11,259	24,924	29,285	32,646	16,787	10,867	179,300
1942	3,436	8,945	4,281	7,232	7,777	9,804	15,671	23,111	30,464	33,569	19,624	11,146	175,100
1943	3,616	13,170	9,079	11,197	10,595	13,348	20,654	27,947	28,346	33,594	21,992	13,111	206,600
1944	3,862	15,254	10,260	9,643	7,887	9,892	11,406	20,664	28,464	34,628	22,202	12,807	187,000
1945	3,728	8,280	6,766	8,150	10,704	11,419	11,401	22,494	20,176	28,064	14,346	9,948	155,500
1946	4,056	10,557	9,026	9,953	9,346	12,023	21,477	28,537	29,073	26,614	15,433	12,000	188,100
1947	3,523	10,305	7,275	8,247	8,614	12,059	14,832	9,092	16,552	27,403	19,386	11,079	148,400
1948	4,737	9,469	6,628	7,267	8,195	9,405	18,080	15,733	19,233	24,689	17,355	13,113	153,900
1949	3,557	9,415	9,079	9,977	8,715	13,400	21,852	27,412	19,745	25,755	20,874	9,580	179,400
1950	4,473	10,093	8,015	10,856	11,257	13,074	21,449	7,816	20,485	24,886	32,426	25,462	190,300
1951	3,258	10,984	10,862	11,397	3,096	3,188	3,231	5,998	21,060	28,691	31,372	22,888	156,000
1952	3,408	10,074	9,567	3,447	3,103	3,281	6,814	11,963	13,469	22,617	16,063	12,818	116,600
1953	8,341	10,107	11,138	3,486	3,161	3,311	3,210	8,062	22,133	27,900	19,995	11,161	132,000
1954	3,445	9,538	6,711	9,941	11,099	11,359	3,765	13,229	23,907	33,395	28,792	13,883	169,100
1955	3,669	9,292	7,666	9,300	8,958	11,641	11,180	22,604	29,834	30,015	17,358	11,073	172,600
1956	3,712	11,277	11,822	12,903	11,683	11,887	15,596	26,842	30,258	28,979	19,385	11,672	196,000
1957	3,647	9,264	9,158	11,306	12,360	12,153	11,473	21,761	27,878	28,441	31,510	21,506	200,500
1958	3,918	11,014	8,841	9,426	10,259	13,303	16,513	7,240	19,767	33,871	31,738	15,110	181,000
1959	3,557	9,866	8,614	9,608	9,945	10,793	8,323	18,081	22,884	27,735	17,949	10,676	158,000
1960	3,715	14,448	9,750	9,897	9,475	11,483	10,556	23,199	30,422	24,338	17,926	11,492	176,700
1961	8,353	9,622	8,790	10,567	10,569	11,897	9,160	16,043	22,948	18,634	10,121	5,203	141,900
1962	3,814	8,109	9,027	6,458	12,925	14,285	23,968	25,582	29,079	32,815	17,854	10,499	194,400
1963	10,878	7,078	8,761	7,977	11,637	11,896	14,309	25,384	29,561	33,494	14,947	5,948	181,900
1964	4,927	10,026	10,308	11,047	9,462	10,391	14,711	28,153	28,559	34,845	24,767	11,348	198,500
1965	3,415	9,039	4,556	7,840	9,535	9,457	14,808	27,552	28,900	32,830	28,000	11,980	187,900
1966	3,443	10,684	10,246	10,641	10,080	13,369	14,449	9,126	22,010	32,072	29,775	15,336	181,200
1967	3,304	16,481	12,392	11,286	9,882	12,730	12,290	18,618	11,903	27,719	32,844	26,363	195,800
1968	3,338	9,159	8,810	9,713	11,085	12,222	13,690	6,646	15,782	27,158	18,798	12,033	148,400
1969	3,624	9,951	3,355	3,355	3,038	3,072	5,579	9,782	17,262	25,423	23,920	10,929	119,300
1970	3,776	10,583	8,196	11,393	11,662	11,718	9,017	8,841	17,993	26,878	24,781	8,925	153,800
1971	3,809	10,617	8,339	10,054	9,958	3,178	3,734	10,838	17,198	26,870	25,190	6,710	136,500
1972	3,768	11,055	9,334	3,536	3,169	3,594	4,185	15,514	21,081	26,505	19,308	7,130	128,200
1973	3,499	10,419	7,702	9,357	9,501	11,711	2,956	11,207	14,624	26,334	22,320	8,349	138,000
Average	4,500	9,900	8,400	9,100	9,100	10,500	12,400	19,200	24,300	28,500	21,200	11,900	169,000

NO ACTION ALTERNATIVE**Sixth Water Creek below Fifth Water Creek - Total Flow****Location #2****Water Year Monthly Summary**

(cfs)

3a

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	57	54	53	61	57	46	125	180	437	416	286	154	160
1931	56	79	151	176	186	166	65	262	431	525	374	174	220
1932	97	116	126	159	197	249	282	450	505	473	416	124	266
1933	58	64	150	201	215	239	245	235	288	556	286	145	223
1934	95	122	99	90	106	160	164	182	304	324	215	128	166
1935	73	87	110	137	146	122	63	501	649	420	295	260	239
1936	149	142	120	150	159	175	352	485	505	515	238	144	261
1937	166	199	156	199	224	249	360	540	497	514	368	193	305
1938	59	161	135	156	176	238	341	482	528	374	301	169	260
1939	65	295	203	183	179	219	259	475	510	477	305	192	280
1940	59	226	136	156	174	162	175	495	540	400	291	179	249
1941	99	127	120	161	185	202	190	406	493	532	273	183	248
1942	56	151	70	118	140	160	264	377	513	547	320	188	242
1943	59	222	148	182	191	217	348	455	477	547	358	221	286
1944	63	257	167	157	137	161	192	337	479	564	362	216	258
1945	61	139	110	133	193	186	192	366	340	457	234	167	215
1946	66	178	147	162	169	196	362	465	489	434	251	202	260
1947	57	173	119	134	155	196	250	148	279	446	316	187	205
1948	77	159	108	118	143	153	304	256	324	402	283	221	212
1949	58	158	148	163	157	218	368	447	332	420	340	161	248
1950	73	170	131	177	203	213	361	127	345	405	528	429	263
1951	53	185	177	186	56	52	54	98	355	467	511	385	215
1952	56	170	156	56	54	53	115	195	227	368	262	216	161
1953	136	170	181	57	57	54	54	131	373	455	326	188	182
1954	56	161	109	162	200	185	63	216	402	544	469	234	233
1955	60	156	125	152	162	190	188	368	502	489	283	186	238
1956	60	190	193	210	203	194	263	437	509	472	316	197	270
1957	59	156	149	184	223	198	193	355	469	463	513	362	277
1958	64	185	144	154	185	217	278	118	333	552	517	254	250
1959	58	166	140	157	179	176	140	295	385	452	292	180	218
1960	61	243	159	161	165	187	178	378	512	397	292	193	244
1961	136	162	143	172	191	194	154	261	386	304	165	88	196
1962	62	137	147	105	233	233	404	417	490	535	291	177	269
1963	177	119	143	130	210	194	241	414	498	546	244	100	251
1964	80	169	168	180	165	169	248	459	481	568	404	191	273
1965	56	152	74	128	172	154	249	449	487	535	456	202	259
1966	56	180	167	173	182	218	243	149	371	523	485	258	250
1967	54	277	202	184	178	207	207	303	200	452	535	444	270
1968	54	154	144	158	193	199	230	108	266	442	306	203	205
1969	59	168	55	55	55	50	94	159	291	414	390	184	164
1970	62	178	134	186	210	191	152	144	303	438	404	150	213
1971	62	179	136	164	180	52	63	177	290	438	410	113	188
1972	61	186	152	58	55	59	70	253	355	432	315	120	176
1973	57	175	125	152	171	191	50	183	246	429	364	141	190
Average	74	166	137	148	163	171	209	312	409	465	345	200	233

NO ACTION ALTERNATIVE**Sixth Water Creek - Natural Flow Gains, Sixth Water Aqueduct to below Fifth Water Creek****Location #3****Water Year Monthly Summary****(Acre-Feet)****3b**

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	213	266	293	107	213	533	1518	959	186	80	107	186	4,700
1931	240	213	240	133	160	293	719	266	53	0	0	0	2,300
1932	80	107	213	107	160	80	826	852	400	213	160	27	3,200
1933	107	160	213	107	0	107	320	1225	932	346	186	160	3,900
1934	133	80	80	107	53	0	0	0	0	0	80	0	530
1935	27	133	0	0	0	0	480	1385	613	160	80	133	3,000
1936	107	53	0	0	0	186	1812	2451	320	373	133	160	5,600
1937	160	133	80	0	160	400	1305	2771	559	346	160	107	6,200
1938	160	160	133	133	107	373	1119	1971	426	266	186	160	5,200
1939	160	133	160	133	53	453	746	506	0	0	0	53	2,400
1940	160	107	80	80	133	240	613	852	133	133	80	107	2,700
1941	80	107	107	107	133	186	533	1119	426	293	0	160	3,300
1942	186	213	133	80	133	160	1119	1225	480	266	80	160	4,200
1943	160	213	160	107	213	213	932	613	266	160	0	53	3,100
1944	133	133	107	0	133	186	559	1758	693	346	107	186	4,300
1945	213	186	80	80	133	186	533	1465	426	160	266	186	3,900
1946	186	186	107	107	160	240	1545	1039	293	213	107	160	4,300
1947	160	186	107	133	133	266	773	1066	320	293	133	80	3,600
1948	133	133	107	133	133	186	773	1332	320	0	0	27	3,300
1949	160	160	133	0	107	213	1066	1518	639	293	133	186	4,600
1950	240	213	133	107	160	240	1119	1572	639	346	186	186	5,100
1951	240	266	186	107	160	240	1092	1785	586	0	53	186	4,900
1952	186	240	186	160	160	213	3383	5834	2051	426	293	240	13,400
1953	266	426	346	186	213	266	719	879	559	266	186	160	4,500
1954	240	213	186	186	160	186	453	400	53	0	0	160	2,200
1955	133	160	133	160	133	160	346	746	80	133	107	27	2,300
1956	107	80	133	160	80	293	986	1172	53	320	426	240	4,000
1957	133	133	133	160	186	213	533	2158	1305	293	133	160	5,500
1958	213	213	160	160	186	186	773	2664	213	0	53	186	5,000
1959	186	160	160	160	133	186	293	53	53	107	240	107	1,800
1960	107	107	80	133	160	186	320	373	0	0	0	0	1,500
1961	133	133	80	133	80	107	186	266	0	0	0	107	1,200
1962	107	107	107	107	133	160	1785	1918	506	320	0	186	5,400
1963	186	133	107	160	293	213	346	1172	426	266	80	0	3,400
1964	160	160	133	133	107	133	426	2291	719	27	27	160	4,500
1965	160	186	213	186	160	240	1279	3117	1545	426	320	266	8,100
1966	240	213	160	133	133	240	533	906	133	107	293	266	3,400
1967	213	160	133	133	107	240	240	1412	1146	293	213	240	4,500
1968	213	160	160	133	160	240	533	2344	1039	213	533	559	6,300
1969	320	186	186	186	186	293	2584	3463	754	293	320	303	9,100
1970	0	186	186	186	160	213	426	3730	763	278	248	292	6,700
1971	0	213	160	186	160	266	1412	4769	682	261	273	286	8,700
1972	80	160	213	186	186	160	266	586	276	194	159	235	2,700
1973	133	186	160	160	133	213	932	5195	1010	329	345	350	9,100
Average	160	170	140	120	140	220	870	1,700	500	200	150	160	4,500

NO ACTION ALTERNATIVE**Sixth Water Creek - Natural Flow Gains, Sixth Water Aqueduct to below Fifth Water Creek****Location #3****Water Year Monthly Summary
(cfs)****3b**

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	3	4	5	2	4	9	26	16	3	1	2	3	6
1931	4	4	4	2	3	5	12	4	1	0	0	0	3
1932	1	2	3	2	3	1	14	14	7	3	3	0	4
1933	2	3	3	2	0	2	5	20	16	6	3	3	5
1934	2	1	1	2	1	0	0	0	0	0	1	0	1
1935	0	2	0	0	0	0	8	23	10	3	1	2	4
1936	2	1	0	0	0	3	30	40	5	6	2	3	8
1937	3	2	1	0	3	7	22	45	9	6	3	2	9
1938	3	3	2	2	2	6	19	32	7	4	3	3	7
1939	3	2	3	2	1	7	13	8	0	0	0	1	3
1940	3	2	1	1	2	4	10	14	2	2	1	2	4
1941	1	2	2	2	2	3	9	18	7	5	0	3	4
1942	3	4	2	1	2	3	19	20	8	4	1	3	6
1943	3	4	3	2	4	3	16	10	4	3	0	1	4
1944	2	2	2	0	2	3	9	29	12	6	2	3	6
1945	3	3	1	1	2	3	9	24	7	3	4	3	5
1946	3	3	2	2	3	4	26	17	5	3	2	3	6
1947	3	3	2	2	2	4	13	17	5	5	2	1	5
1948	2	2	2	2	2	3	13	22	5	0	0	0	5
1949	3	3	2	0	2	3	18	25	11	5	2	3	6
1950	4	4	2	2	3	4	19	26	11	6	3	3	7
1951	4	4	3	2	3	4	18	29	10	0	1	3	7
1952	3	4	3	3	3	3	57	95	35	7	5	4	18
1953	4	7	6	3	4	4	12	14	9	4	3	3	6
1954	4	4	3	3	3	3	8	7	1	0	0	3	3
1955	2	3	2	3	2	3	6	12	1	2	2	0	3
1956	2	1	2	3	1	5	17	19	1	5	7	4	6
1957	2	2	2	3	3	3	9	35	22	5	2	3	8
1958	3	4	3	3	3	3	13	43	4	0	1	3	7
1959	3	3	3	3	2	3	5	1	1	2	4	2	3
1960	2	2	1	2	3	3	5	6	0	0	0	0	2
1961	2	2	1	2	1	2	3	4	0	0	0	2	2
1962	2	2	2	2	2	3	30	31	9	5	0	3	8
1963	3	2	2	3	5	3	6	19	7	4	1	0	5
1964	3	3	2	2	2	2	7	37	12	0	0	3	6
1965	3	3	3	3	3	4	22	51	26	7	5	4	11
1966	4	4	3	2	2	4	9	15	2	2	5	4	5
1967	3	3	2	2	2	4	4	23	19	5	3	4	6
1968	3	3	3	2	3	4	9	38	17	3	9	9	9
1969	5	3	3	3	3	5	44	56	13	5	5	5	13
1970	0	3	3	3	3	3	7	61	13	5	4	5	9
1971	0	4	3	3	3	4	24	78	11	4	4	5	12
1972	1	3	3	3	3	3	4	10	5	3	3	4	4
1973	2	3	3	3	2	3	16	85	17	5	6	6	13
Average	3	3	2	2	2	4	15	27	8	3	2	3	6

NO ACTION ALTERNATIVE
Diamond Fork Creek below Three Forks - Total Flow
Location #4
Water Year Monthly Summary
(Acre-Feet)

(4a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	3,689	3,570	3,689	3,689	3,332	3,689	7,188	5,568	4,760	4,919	4,919	4,760	53,800
1931	3,689	3,570	3,689	3,689	3,332	3,689	4,188	4,919	4,760	4,919	4,919	4,760	50,100
1932	3,689	3,570	3,689	3,689	3,451	3,689	4,588	5,168	4,760	4,919	4,919	4,760	50,900
1933	3,689	3,570	3,689	3,689	3,332	3,689	3,570	6,568	5,404	4,919	4,919	4,760	51,800
1934	3,689	3,570	3,689	3,689	3,332	3,689	3,570	4,919	4,760	4,919	4,919	4,760	49,500
1935	3,689	3,570	3,689	3,689	3,332	3,689	3,570	7,168	9,560	4,919	4,919	4,760	56,600
1936	3,689	3,570	3,689	3,689	3,451	3,689	8,288	11,168	4,760	4,919	4,919	4,760	60,600
1937	3,689	3,570	3,689	3,689	3,332	3,689	6,388	12,368	4,760	4,919	4,919	4,760	59,800
1938	3,689	3,570	3,689	3,689	3,332	3,689	5,688	9,368	4,760	4,919	4,919	4,760	56,100
1939	3,689	3,570	3,689	3,689	3,332	3,689	4,288	4,919	4,760	4,919	4,919	4,760	50,200
1940	3,689	3,570	3,689	3,689	3,451	3,689	3,788	5,168	4,760	4,919	4,919	4,760	50,100
1941	3,689	3,570	3,689	3,689	3,332	3,689	3,570	6,168	4,760	4,919	4,919	4,760	50,800
1942	3,689	3,570	3,689	3,689	3,332	3,689	5,688	6,568	4,760	4,919	4,919	4,760	53,300
1943	3,689	3,570	3,689	3,689	3,332	3,689	4,988	4,919	4,760	4,919	4,919	4,760	50,900
1944	3,689	3,570	3,689	3,689	3,451	3,689	3,588	8,568	4,760	4,919	4,919	4,760	53,300
1945	3,689	3,570	3,689	3,689	3,332	3,689	3,570	7,468	4,760	4,919	4,919	4,760	52,100
1946	3,689	3,570	3,689	3,689	3,332	3,689	7,288	5,868	4,760	4,919	4,919	4,760	54,200
1947	3,689	3,570	3,689	3,689	3,332	3,689	4,388	5,968	4,760	4,919	4,919	4,760	51,400
1948	3,689	3,570	3,689	3,689	3,451	3,689	4,388	6,968	4,760	4,919	4,919	4,760	52,500
1949	3,689	3,570	3,689	3,689	3,332	3,689	5,488	7,668	4,760	4,919	4,919	4,760	54,200
1950	3,689	3,570	3,689	3,689	3,332	3,689	5,688	7,868	4,760	4,919	4,919	4,760	54,600
1951	3,689	3,570	3,689	3,689	3,332	3,689	5,588	8,668	4,760	4,919	4,919	4,760	55,300
1952	3,689	3,570	3,689	3,689	3,451	3,689	14,188	23,868	9,604	4,919	4,919	4,760	84,000
1953	3,689	3,570	3,689	3,689	3,332	3,689	4,188	5,268	4,760	4,919	4,919	4,760	50,500
1954	3,689	3,570	3,689	3,689	3,332	3,689	3,570	4,919	4,760	4,919	4,919	4,760	49,500
1955	3,689	3,570	3,689	3,689	3,332	3,689	3,570	4,919	4,760	4,919	4,919	4,760	49,500
1956	3,689	3,570	3,689	3,689	3,451	3,689	5,188	6,368	4,760	4,919	4,919	4,760	52,700
1957	3,689	3,570	3,689	3,689	3,332	3,689	3,570	10,068	6,804	4,919	4,919	4,760	56,700
1958	3,689	3,570	3,689	3,689	3,332	3,689	4,388	11,968	4,760	4,919	4,919	4,760	57,400
1959	3,689	3,570	3,689	3,689	3,332	3,689	3,570	4,919	4,760	4,919	4,919	4,760	49,500
1960	3,689	3,570	3,689	3,689	3,451	3,689	3,570	4,919	4,760	4,919	4,919	4,760	49,600
1961	3,689	3,570	3,689	3,689	3,332	3,689	3,570	4,919	4,760	4,919	4,919	4,760	49,500
1962	3,689	3,570	3,689	3,689	3,332	3,689	8,188	9,168	4,760	4,919	4,919	4,760	58,400
1963	3,689	3,570	3,689	3,689	3,332	3,689	3,570	6,368	4,760	4,919	4,919	4,760	51,000
1964	3,689	3,570	3,689	3,689	3,451	3,689	3,570	10,568	4,760	4,919	4,919	4,760	55,300
1965	3,689	3,570	3,689	3,689	3,332	3,689	6,288	13,668	7,704	4,919	4,919	4,760	63,900
1966	3,689	3,570	3,689	3,689	3,332	3,689	3,570	5,368	4,760	4,919	4,919	4,760	50,000
1967	3,689	3,570	3,689	3,689	3,332	3,689	3,570	7,268	6,204	4,919	4,919	4,760	53,300
1968	3,689	3,570	3,689	3,689	3,451	3,689	3,570	10,768	5,804	4,919	4,919	4,760	56,500
1969	3,689	3,570	3,689	3,689	3,332	3,689	11,188	14,968	4,760	4,919	4,919	4,760	67,200
1970	3,689	3,570	3,689	3,689	3,332	3,689	3,570	15,968	4,769	4,919	4,919	4,760	60,600
1971	3,689	3,570	3,689	3,689	3,332	3,689	6,788	19,868	4,760	4,919	4,919	4,760	67,700
1972	3,689	3,570	3,689	3,689	3,451	3,689	3,570	4,919	4,760	4,919	4,919	4,760	49,600
1973	3,689	3,570	3,689	3,689	3,332	3,689	4,988	21,468	5,697	4,919	4,919	4,760	68,400
Average	3,700	3,600	3,700	3,700	3,400	3,700	5,000	8,600	5,200	4,900	4,900	4,800	55,100

NO ACTION ALTERNATIVE
Diamond Fork Creek below Three Forks - Total Flow
Location #4
Water Year Monthly Summary
(cfs)

(4a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	60	60	60	60	60	60	121	91	80	80	80	80	74
1931	60	60	60	60	60	60	70	80	80	80	80	80	69
1932	60	60	60	60	60	60	77	84	80	80	80	80	70
1933	60	60	60	60	60	60	60	107	91	80	80	80	72
1934	60	60	60	60	60	60	60	80	80	80	80	80	68
1935	60	60	60	60	60	60	60	117	161	80	80	80	78
1936	60	60	60	60	60	60	140	182	80	80	80	80	84
1937	60	60	60	60	60	60	108	201	80	80	80	80	83
1938	60	60	60	60	60	60	96	153	80	80	80	80	77
1939	60	60	60	60	60	60	72	80	80	80	80	80	69
1940	60	60	60	60	60	60	64	84	80	80	80	80	69
1941	60	60	60	60	60	60	60	100	80	80	80	80	70
1942	60	60	60	60	60	60	96	107	80	80	80	80	74
1943	60	60	60	60	60	60	84	80	80	80	80	80	70
1944	60	60	60	60	60	60	60	140	80	80	80	80	73
1945	60	60	60	60	60	60	60	122	80	80	80	80	72
1946	60	60	60	60	60	60	123	96	80	80	80	80	75
1947	60	60	60	60	60	60	74	97	80	80	80	80	71
1948	60	60	60	60	60	60	74	114	80	80	80	80	72
1949	60	60	60	60	60	60	92	125	80	80	80	80	75
1950	60	60	60	60	60	60	96	128	80	80	80	80	75
1951	60	60	60	60	60	60	94	141	80	80	80	80	76
1952	60	60	60	60	60	60	239	389	162	80	80	80	116
1953	60	60	60	60	60	60	70	86	80	80	80	80	70
1954	60	60	60	60	60	60	60	80	80	80	80	80	68
1955	60	60	60	60	60	60	60	80	80	80	80	80	68
1956	60	60	60	60	60	60	87	104	80	80	80	80	73
1957	60	60	60	60	60	60	60	164	115	80	80	80	78
1958	60	60	60	60	60	60	74	195	80	80	80	80	79
1959	60	60	60	60	60	60	60	80	80	80	80	80	68
1960	60	60	60	60	60	60	60	80	80	80	80	80	68
1961	60	60	60	60	60	60	60	80	80	80	80	80	68
1962	60	60	60	60	60	60	138	149	80	80	80	80	81
1963	60	60	60	60	60	60	60	104	80	80	80	80	70
1964	60	60	60	60	60	60	60	172	80	80	80	80	76
1965	60	60	60	60	60	60	106	223	130	80	80	80	88
1966	60	60	60	60	60	60	60	87	80	80	80	80	69
1967	60	60	60	60	60	60	60	118	104	80	80	80	74
1968	60	60	60	60	60	60	60	175	98	80	80	80	78
1969	60	60	60	60	60	60	188	244	80	80	80	80	93
1970	60	60	60	60	60	60	60	260	80	80	80	80	83
1971	60	60	60	60	60	60	114	324	80	80	80	80	93
1972	60	60	60	60	60	60	60	80	80	80	80	80	68
1973	60	60	60	60	60	60	84	350	96	80	80	80	94
Average	60	60	60	60	60	60	85	139	87	80	80	80	76

NO ACTION ALTERNATIVE
Diamond Fork Creek - Natural Flow Gains above Three Forks
Location #4
Water Year Monthly Summary
(Acre-Feet)

(4b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	464	581	639	232	464	1161	3309	2090	406	174	232	406	10,200
1931	523	464	523	290	348	639	1568	581	116	0	0	0	5,100
1932	174	232	464	232	348	174	1800	1858	871	464	348	58	7,000
1933	232	348	464	232	0	232	697	2671	2032	755	406	348	8,400
1934	290	174	174	232	116	0	0	0	0	0	174	0	1,200
1935	58	290	0	0	0	0	1045	3019	1335	348	174	290	6,600
1936	232	116	0	0	0	406	3948	5342	697	813	290	348	12,200
1937	348	290	174	0	348	871	2845	6038	1219	755	348	232	13,500
1938	348	348	290	290	232	813	2439	4296	929	581	406	348	11,300
1939	348	290	348	290	116	987	1626	1103	0	0	0	116	5,200
1940	348	232	174	174	290	523	1335	1858	290	290	174	232	5,900
1941	174	232	232	232	290	406	1161	2439	929	639	0	348	7,100
1942	406	464	290	174	290	348	2439	2671	1045	581	174	348	9,200
1943	348	464	348	232	464	464	2032	1335	581	348	0	116	6,700
1944	290	290	232	0	290	406	1219	3832	1510	755	232	406	9,500
1945	464	406	174	174	290	406	1161	3193	929	348	581	406	8,500
1946	406	406	232	232	348	523	3367	2264	639	464	232	348	9,500
1947	348	406	232	290	290	581	1684	2322	697	639	290	174	8,000
1948	290	290	232	290	290	406	1684	2903	697	0	0	58	7,100
1949	348	348	290	0	232	464	2322	3309	1393	639	290	406	10,000
1950	523	464	290	232	348	523	2439	3426	1393	755	406	406	11,200
1951	523	581	406	232	348	523	2380	3890	1277	0	116	406	10,700
1952	406	523	406	348	348	464	7374	12715	4471	929	639	523	29,100
1953	581	929	755	406	464	581	1568	1916	1219	581	406	348	9,800
1954	523	464	406	406	348	406	987	871	116	0	0	348	4,900
1955	290	348	290	348	290	348	755	1626	174	290	232	58	5,100
1956	232	174	290	348	174	639	2148	2555	116	697	929	523	8,800
1957	290	290	290	348	406	464	1161	4703	2845	639	290	348	12,100
1958	464	464	348	348	406	406	1684	5806	464	0	116	406	10,900
1959	406	348	348	348	290	406	639	116	116	232	523	232	4,000
1960	232	232	174	290	348	406	697	813	0	0	0	0	3,200
1961	290	290	174	290	174	232	406	581	0	0	0	232	2,700
1962	232	232	232	232	290	348	3890	4180	1103	697	0	406	11,800
1963	406	290	232	348	639	464	755	2555	929	581	174	0	7,400
1964	348	348	290	290	232	290	929	4993	1568	58	58	348	9,800
1965	348	406	464	406	348	523	2787	6793	3367	929	697	581	17,700
1966	523	464	348	290	290	523	1161	1974	290	232	639	581	7,300
1967	464	348	290	290	232	523	523	3077	2497	639	464	523	9,900
1968	464	348	348	290	348	523	1161	5109	2264	464	1161	1219	13,700
1969	697	406	406	406	406	639	5632	7548	1642	638	696	660	19,800
1970	0	406	406	406	348	464	929	8128	1663	605	542	637	14,500
1971	0	464	348	406	348	581	3077	10393	1487	568	595	624	18,900
1972	174	348	464	406	406	348	581	1277	601	424	346	511	5,900
1973	290	406	348	348	290	464	2032	11322	2202	718	752	763	19,900
Average	340	370	320	270	300	480	1,900	3,600	1,100	440	320	360	9,800

NO ACTION ALTERNATIVE
Diamond Fork Creek - Natural Flow Gains above Three Forks
Location #4
Water Year Monthly Summary
(cfs)

(4b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	8	10	10	4	8	19	56	34	7	3	4	7	14
1931	9	8	9	5	6	10	26	9	2	0	0	0	7
1932	3	4	8	4	6	3	30	30	15	8	6	1	10
1933	4	6	8	4	0	4	12	44	34	12	7	6	12
1934	5	3	3	4	2	0	0	0	0	0	3	0	2
1935	1	5	0	0	0	0	18	49	22	6	3	5	9
1936	4	2	0	0	0	7	66	87	12	13	5	6	17
1937	6	5	3	0	6	14	48	98	21	12	6	4	19
1938	6	6	5	5	4	13	41	70	16	9	7	6	16
1939	6	5	6	5	2	16	27	18	0	0	0	2	7
1940	6	4	3	3	5	9	22	30	5	5	3	4	8
1941	3	4	4	4	5	7	20	40	16	10	0	6	10
1942	7	8	5	3	5	6	41	44	18	9	3	6	13
1943	6	8	6	4	8	8	34	22	10	6	0	2	9
1944	5	5	4	0	5	7	21	62	25	12	4	7	13
1945	8	7	3	3	5	7	20	52	16	6	9	7	12
1946	7	7	4	4	6	9	57	37	11	8	4	6	13
1947	6	7	4	5	5	9	28	38	12	10	5	3	11
1948	5	5	4	5	5	7	28	47	12	0	0	1	10
1949	6	6	5	0	4	8	39	54	23	10	5	7	14
1950	9	8	5	4	6	9	41	56	23	12	7	7	15
1951	9	10	7	4	6	9	40	63	22	0	2	7	15
1952	7	9	7	6	6	8	124	207	75	15	10	9	40
1953	9	16	12	7	8	9	26	31	21	9	7	6	13
1954	9	8	7	7	6	7	17	14	2	0	0	6	7
1955	5	6	5	6	5	6	13	26	3	5	4	1	7
1956	4	3	5	6	3	10	36	42	2	11	15	9	12
1957	5	5	5	6	7	8	20	77	48	10	5	6	17
1958	8	8	6	6	7	7	28	95	8	0	2	7	15
1959	7	6	6	6	5	7	11	2	2	4	9	4	6
1960	4	4	3	5	6	7	12	13	0	0	0	0	4
1961	5	5	3	5	3	4	7	9	0	0	0	4	4
1962	4	4	4	4	5	6	65	68	19	11	0	7	16
1963	7	5	4	6	12	8	13	42	16	9	3	0	10
1964	6	6	5	5	4	5	16	81	26	1	1	6	13
1965	6	7	8	7	6	9	47	111	57	15	11	10	24
1966	9	8	6	5	5	9	20	32	5	4	10	10	10
1967	8	6	5	5	4	9	9	50	42	10	8	9	14
1968	8	6	6	5	6	9	20	83	38	8	19	21	19
1969	11	7	7	7	7	10	95	123	28	10	11	11	27
1970	0	7	7	7	6	8	16	132	28	10	9	11	20
1971	0	8	6	7	6	9	52	169	25	9	10	11	26
1972	3	6	8	7	7	6	10	21	10	7	6	9	8
1973	5	7	6	6	5	8	34	184	37	12	12	13	27
Average	6	6	5	4	5	8	32	59	18	7	5	6	14

NO ACTION ALTERNATIVE
Diversions to Diamond Fork Pipeline from Three Forks
Location #4
Water Year Monthly Summary
(Acre-Feet)

(4c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	276	237	207	257	297	270	3539	7549	21605	20811	12865	4818	72,700
1931	279	1584	6079	7420	7334	7160	1212	11718	20986	27322	18019	5550	114,700
1932	2457	3568	4530	6278	8206	11751	13953	24309	26133	24552	20960	2645	149,300
1933	102	585	5967	8880	8564	11237	11681	10497	13725	29948	13036	4177	118,400
1934	2422	3865	2558	2048	2664	6149	6195	6270	13276	14993	8457	2829	71,700
1935	846	1905	3092	4723	4739	3795	1197	26618	30347	21191	13391	10971	122,800
1936	5716	4966	3667	5503	5694	7471	16562	23949	25930	27524	10009	4170	141,200
1937	6857	8515	6036	8535	9438	12495	17850	26831	26003	27409	18009	6926	174,900
1938	279	6368	4873	6160	6642	11720	16990	24508	27514	18644	13980	5618	143,300
1939	625	14223	9106	7817	6694	10747	12704	25319	25558	24360	13781	6760	157,700
1940	279	10111	4833	6085	6844	6750	7944	27065	27592	19903	13138	6088	136,600
1941	2577	4198	3936	6452	7195	9089	8850	21195	25454	28365	11868	6456	135,600
1942	154	5839	882	3717	4735	6463	12422	19214	26749	29230	14879	6734	131,000
1943	275	10064	5738	7740	7727	10123	17698	24364	24167	29023	17073	8467	162,500
1944	464	11974	6803	5954	4726	6609	9037	15929	25213	30464	17515	8454	143,100
1945	503	5116	3251	4635	7662	8136	8992	18219	16345	23493	10007	5595	112,000
1946	774	7393	5569	6496	6362	8857	17556	24934	24951	22160	10746	7588	143,400
1947	182	7141	3818	4848	5572	8951	12128	5447	12489	23123	14757	6493	104,900
1948	1339	6189	3171	3868	5034	6122	15376	11669	15170	19770	12436	8411	108,600
1949	216	6193	5680	6288	5615	10175	18687	23054	16379	21475	16246	5226	135,200
1950	1306	6987	4616	7399	8273	9908	18200	3374	17118	20722	27914	21108	146,900
1951	92	7995	7579	7940	112	22	23	1221	17578	23772	26569	18535	111,400
1952	125	7027	6284	106	0	56	0	810	8336	18627	11782	8581	61,700
1953	5232	7466	8204	203	293	203	590	4711	18592	23562	15483	6749	91,300
1954	278	6432	3428	6658	8115	8076	1182	9181	19263	28476	23873	9471	124,400
1955	271	6070	4267	5959	5916	8300	8365	19311	25248	25386	12672	6371	128,100
1956	255	7881	8423	9562	8406	8837	12556	23030	25615	24757	15395	7435	152,200
1957	248	5984	5759	7965	9434	8928	9064	16396	23919	24160	26881	17094	155,800
1958	693	7908	5500	6085	7333	10020	13809	1079	15471	28952	26935	10756	134,500
1959	274	6644	5273	6267	6903	7510	5392	13278	18240	23048	13552	6148	112,500
1960	259	11110	6235	6498	6372	8200	7683	19093	25662	19419	13007	6732	130,300
1961	4954	6342	5275	7168	7411	8440	5996	11705	18188	13715	5202	675	95,100
1962	357	4771	5570	3001	9883	10944	19670	20595	25422	28593	12935	6145	147,900
1963	7596	3798	5304	4636	8944	8671	11494	21571	25730	29156	10202	1188	138,300
1964	1586	6804	6909	7648	6243	6992	12070	22579	25367	29984	19906	6936	153,000
1965	75	5875	1331	4557	6551	6291	11307	20678	24563	28840	23778	7801	141,600
1966	276	7578	6905	7242	7038	10203	12040	5732	17540	27385	25495	11156	138,600
1967	80	13259	8993	7887	6782	9564	9243	14427	8196	23439	28390	22126	152,400
1968	114	5937	5469	6314	7982	9056	11281	988	12242	22703	15040	8493	105,600
1969	632	6787	72	72	112	22	23	2362	14144	21142	19697	6828	71,900
1970	87	7419	4913	8110	8678	8493	6376	1002	14887	22564	20404	4802	107,700
1971	120	7511	4998	6771	6974	70	23	1363	13925	22519	20867	2574	87,700
1972	253	7833	6109	253	124	253	1196	11872	16922	22010	14736	2881	84,400
1973	100	7255	4361	6016	6459	8486	0	1062	11129	22133	18152	4352	89,500
Average	1,200	6,700	5,000	5,600	6,000	7,300	9,300	14,200	20,200	24,100	16,600	7,500	123,700

NO ACTION ALTERNATIVE
Diversions to Diamond Fork Pipeline from Three Forks
Location #4
Water Year Monthly Summary
(cfs)

(4c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	5	4	3	4	5	4	60	123	364	339	210	81	100
1931	5	27	99	121	132	117	20	191	353	445	294	93	158
1932	40	60	74	102	143	191	235	396	440	400	341	45	206
1933	2	10	97	145	154	183	197	171	231	488	212	70	163
1934	39	65	42	33	48	100	104	102	223	244	138	48	99
1935	14	32	50	77	85	62	20	434	511	345	218	185	169
1936	93	84	60	90	99	122	279	390	437	448	163	70	195
1937	112	143	98	139	170	204	301	437	438	447	293	117	242
1938	5	107	79	100	120	191	286	399	463	304	228	95	198
1939	10	239	148	127	121	175	214	412	430	397	225	114	218
1940	5	170	79	99	119	110	134	441	465	324	214	102	188
1941	42	71	64	105	130	148	149	345	429	462	193	109	187
1942	3	98	14	61	85	105	209	313	450	476	242	113	181
1943	4	169	93	126	139	165	298	397	407	473	278	143	224
1944	8	202	111	97	82	108	152	260	424	496	285	142	197
1945	8	86	53	76	138	133	151	297	275	383	163	94	155
1946	13	124	91	106	115	144	296	406	420	361	175	128	198
1947	3	120	62	79	101	146	204	89	210	377	240	109	145
1948	22	104	52	63	88	100	259	190	255	322	203	142	150
1949	4	104	93	102	101	166	315	376	276	350	265	88	187
1950	21	118	75	121	149	161	306	55	288	338	455	355	204
1951	1	135	123	129	2	0	0	20	296	387	433	312	153
1952	2	118	102	2	0	1	0	13	140	303	192	144	85
1953	85	126	134	3	5	3	10	77	313	384	252	114	125
1954	5	108	56	108	146	132	20	150	324	464	389	159	172
1955	4	102	70	97	107	135	141	315	425	414	206	107	177
1956	4	133	137	156	146	144	211	375	431	403	251	125	210
1957	4	101	94	130	170	145	153	267	403	394	438	288	215
1958	11	133	90	99	132	163	232	18	260	472	439	181	186
1959	4	112	86	102	125	122	91	216	307	376	221	104	155
1960	4	187	102	106	111	134	129	311	432	316	212	113	180
1961	81	107	86	117	134	138	101	191	306	223	85	11	132
1962	6	80	91	49	178	178	331	336	428	466	211	103	205
1963	124	64	86	76	161	141	194	351	433	475	166	20	191
1964	26	115	113	125	109	114	203	368	427	488	324	117	211
1965	1	99	22	74	118	102	190	337	414	470	387	131	196
1966	5	128	112	118	127	166	203	93	295	446	415	188	191
1967	1	223	147	128	122	156	156	235	138	382	463	372	210
1968	2	100	89	103	139	148	190	16	206	370	245	143	146
1969	10	114	1	1	2	0	0	38	238	344	321	115	99
1970	1	125	80	132	157	138	107	16	251	368	332	81	149
1971	2	126	81	110	126	1	0	22	234	367	340	43	121
1972	4	132	100	4	2	4	20	193	285	359	240	48	116
1973	2	122	71	98	117	138	0	17	187	361	296	73	123
Average	19	112	82	92	108	119	156	232	340	392	270	126	171

NO ACTION ALTERNATIVE
Three Forks Dam - Total Inflow
Location #4
Water Year Monthly Summary
(Acre-Feet)

(4d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	3,965	3,807	3,896	3,946	3,629	3,959	10,726	13,117	26,365	25,730	17,784	9,578	126,500
1931	3,968	5,154	9,768	11,109	10,666	10,849	5,400	16,637	25,746	32,241	22,938	10,310	164,800
1932	6,146	7,138	8,219	9,967	11,657	15,440	18,541	29,477	30,893	29,471	25,879	7,405	200,200
1933	3,791	4,155	9,656	12,569	11,896	14,926	15,251	17,065	19,129	34,867	17,955	8,937	170,200
1934	6,111	7,435	6,247	5,737	5,996	9,838	9,765	11,189	18,036	19,912	13,376	7,589	121,200
1935	4,535	5,475	6,781	8,412	8,071	7,484	4,767	33,785	39,907	26,110	18,310	15,731	179,400
1936	9,405	8,536	7,356	9,192	9,145	11,160	24,850	35,117	30,690	32,443	14,928	8,930	201,800
1937	10,546	12,085	9,725	12,224	12,770	16,184	24,238	39,199	30,763	32,328	22,928	11,686	234,700
1938	3,968	9,938	8,562	9,849	9,974	15,409	22,678	33,876	32,274	23,563	18,899	10,378	199,400
1939	4,314	17,793	12,795	11,506	10,026	14,436	16,992	30,238	30,318	29,279	18,700	11,520	207,900
1940	3,968	13,681	8,522	9,774	10,295	10,439	11,732	32,232	32,352	24,822	18,057	10,848	186,700
1941	6,266	7,768	7,625	10,141	10,527	12,778	12,420	27,363	30,214	33,284	16,787	11,216	186,400
1942	3,843	9,409	4,571	7,406	8,067	10,152	18,110	25,781	31,509	34,149	19,798	11,494	184,300
1943	3,964	13,634	9,427	11,429	11,059	13,812	22,686	29,283	28,927	33,942	21,992	13,227	213,400
1944	4,153	15,544	10,492	9,643	8,177	10,298	12,625	24,496	29,973	35,383	22,434	13,214	196,400
1945	4,192	8,686	6,940	8,324	10,994	11,825	12,562	25,687	21,105	28,412	14,926	10,355	164,000
1946	4,463	10,963	9,258	10,185	9,694	12,546	24,844	30,801	29,711	27,079	15,665	12,348	197,600
1947	3,871	10,711	7,507	8,537	8,904	12,640	16,516	11,415	17,249	28,042	19,676	11,253	156,300
1948	5,028	9,759	6,860	7,557	8,485	9,811	19,764	18,636	19,930	24,689	17,355	13,171	161,000
1949	3,905	9,763	9,369	9,977	8,947	13,864	24,175	30,722	21,139	26,394	21,165	9,986	189,400
1950	4,995	10,557	8,305	11,088	11,605	13,597	23,888	11,241	21,878	25,641	32,833	25,868	201,500
1951	3,781	11,565	11,268	11,629	3,444	3,711	5,611	9,888	22,338	28,691	31,488	23,295	166,700
1952	3,814	10,597	9,973	3,795	3,451	3,745	14,188	24,678	17,940	23,546	16,701	13,341	145,800
1953	8,921	11,036	11,893	3,892	3,625	3,892	4,778	9,978	23,352	28,481	20,402	11,509	141,800
1954	3,967	10,002	7,117	10,347	11,447	11,765	4,752	14,100	24,023	33,395	28,792	14,231	173,900
1955	3,960	9,640	7,956	9,648	9,248	11,989	11,935	24,230	30,008	30,305	17,591	11,131	177,600
1956	3,944	11,451	12,112	13,251	11,857	12,526	17,744	29,397	30,375	29,676	20,314	12,195	204,800
1957	3,937	9,554	9,448	11,654	12,766	12,617	12,634	26,464	30,723	29,079	31,800	21,854	212,500
1958	4,382	11,478	9,189	9,774	10,665	13,709	18,197	13,046	20,231	33,871	31,854	15,516	191,900
1959	3,963	10,214	8,962	9,956	10,235	11,199	8,962	18,197	23,000	27,967	18,471	10,908	162,000
1960	3,948	14,680	9,924	10,187	9,823	11,889	11,253	24,012	30,422	24,338	17,926	11,492	179,900
1961	8,643	9,912	8,964	10,857	10,743	12,129	9,566	16,624	22,948	18,634	10,121	5,435	144,600
1962	4,046	8,341	9,259	6,690	13,215	14,633	27,858	29,762	30,182	33,512	17,854	10,905	206,300
1963	11,285	7,368	8,993	8,325	12,276	12,360	15,064	27,939	30,490	34,075	15,121	5,948	189,200
1964	5,275	10,374	10,598	11,337	9,694	10,681	15,640	33,146	30,127	34,903	24,825	11,696	208,300
1965	3,764	9,445	5,020	8,246	9,883	9,980	17,595	34,345	32,267	33,759	28,697	12,561	205,600
1966	3,965	11,148	10,594	10,931	10,370	13,892	15,610	11,100	22,300	32,304	30,414	15,916	188,500
1967	3,769	16,829	12,682	11,576	10,114	13,253	12,813	21,695	14,400	28,358	33,309	26,886	205,700
1968	3,803	9,507	9,158	10,003	11,433	12,745	14,851	11,755	18,046	27,622	19,959	13,253	162,100
1969	4,321	10,357	3,761	3,761	3,444	3,711	11,211	17,329	18,904	26,061	24,616	11,588	139,100
1970	3,776	10,989	8,602	11,799	12,010	12,182	9,946	16,970	19,657	27,483	25,323	9,562	168,300
1971	3,809	11,081	8,687	10,460	10,306	3,759	6,811	21,230	18,685	27,438	25,786	7,334	155,400
1972	3,942	11,403	9,798	3,942	3,575	3,942	4,766	16,791	21,682	26,929	19,655	7,641	134,100
1973	3,789	10,825	8,050	9,705	9,791	12,175	4,988	22,529	16,826	27,052	23,071	9,112	157,900
Average	4,900	10,200	8,700	9,300	9,400	11,000	14,300	22,800	25,400	29,000	21,500	12,200	178,800

NO ACTION ALTERNATIVE
Three Forks Dam - Total Inflow
Location #4
Water Year Monthly Summary
(cfs)

(4d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	65	64	63	64	65	64	181	214	444	419	290	161	175
1931	65	87	159	181	192	177	91	271	433	525	374	174	227
1932	100	120	134	162	203	252	312	480	520	480	422	125	276
1933	62	70	157	205	215	243	257	278	322	568	293	150	235
1934	100	125	102	93	108	160	164	182	304	324	218	128	167
1935	74	92	110	137	146	122	80	550	672	425	298	265	248
1936	153	144	120	150	159	182	418	572	517	529	243	150	278
1937	172	203	158	199	230	264	408	639	518	527	374	197	324
1938	65	167	139	160	180	251	382	552	543	384	308	175	276
1939	70	300	208	187	181	235	286	493	510	477	305	194	287
1940	65	230	139	159	179	170	198	525	545	404	294	183	258
1941	102	131	124	165	190	208	209	446	509	542	273	189	257
1942	63	158	74	121	146	165	305	420	530	556	323	194	255
1943	65	230	154	186	199	225	382	477	487	553	358	223	295
1944	68	262	171	157	142	168	213	399	505	576	365	222	271
1945	68	146	113	136	198	193	211	418	355	463	243	174	227
1946	73	185	151	166	175	204	418	502	500	441	255	208	273
1947	63	180	122	139	161	206	278	186	290	457	321	189	216
1948	82	164	112	123	148	160	333	304	336	402	283	222	222
1949	64	164	153	163	161	226	407	501	356	430	345	168	261
1950	81	178	135	181	209	222	402	183	368	418	535	435	279
1951	62	195	184	189	62	60	94	161	376	467	513	392	230
1952	62	178	162	62	60	61	239	402	302	384	272	225	201
1953	145	186	194	63	65	63	80	163	393	464	332	194	195
1954	65	168	116	169	206	192	80	230	404	544	469	240	240
1955	65	162	130	157	167	195	201	395	505	494	287	187	245
1956	64	193	197	216	206	204	299	479	511	483	331	205	282
1957	64	161	154	190	230	206	213	431	517	474	518	368	294
1958	71	193	150	159	192	223	306	213	341	552	519	261	265
1959	65	172	146	162	185	182	151	296	387	456	301	184	224
1960	64	247	162	166	171	194	189	391	512	397	292	193	248
1961	141	167	146	177	194	198	161	271	386	304	165	91	200
1962	66	140	151	109	238	238	469	485	508	546	291	184	285
1963	184	124	147	136	221	201	254	455	513	555	246	100	261
1964	86	175	173	185	169	174	263	540	507	569	404	197	287
1965	61	159	82	134	178	163	296	560	543	550	468	211	284
1966	65	188	173	178	187	226	263	181	375	526	496	268	260
1967	61	283	207	189	182	216	216	353	242	462	543	453	284
1968	62	160	149	163	199	208	250	192	304	450	325	223	224
1969	70	174	61	61	62	60	189	282	318	425	401	195	192
1970	62	185	140	192	217	198	167	276	331	448	413	161	233
1971	62	187	142	170	186	61	115	346	315	447	420	123	214
1972	64	192	160	64	62	64	80	274	365	439	320	129	184
1973	62	182	131	158	177	198	84	367	283	441	376	153	218
Average	79	172	142	152	168	179	241	371	427	472	350	206	247

NO ACTION ALTERNATIVE
Spanish Fork River at Castilla Gage - Total Flow
Location #6
Water Year Monthly Summary
(Acre-Feet)

(6a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	8,165	8,307	9,096	7,746	8,929	15,559	27,326	23,617	31,765	28,330	20,484	13,178	202,500
1931	8,468	9,154	14,268	14,809	15,066	18,249	13,700	22,837	29,446	34,341	24,138	12,510	217,000
1932	8,246	10,038	12,319	12,767	16,057	19,540	27,841	38,977	38,893	33,271	29,279	9,805	257,000
1933	6,491	7,655	13,356	15,477	14,603	19,240	20,618	29,833	32,783	40,599	21,644	12,012	234,300
1934	8,862	10,172	9,263	8,390	9,096	13,343	13,081	14,585	20,414	21,540	15,659	9,243	153,600
1935	6,198	7,355	9,336	11,002	11,037	10,794	10,772	47,779	50,556	29,154	20,842	18,435	233,300
1936	11,538	11,079	9,816	11,915	12,100	16,015	45,312	59,425	38,476	38,580	18,092	12,152	284,500
1937	13,624	14,984	12,628	15,544	16,837	24,789	38,582	68,938	40,754	38,124	25,458	14,296	324,600
1938	7,349	13,364	11,947	13,175	13,477	23,154	35,045	54,584	40,770	28,309	22,450	13,201	276,800
1939	7,224	21,033	16,475	14,970	13,148	24,087	25,635	37,465	33,037	31,016	20,701	14,057	258,800
1940	6,889	16,576	11,447	12,933	14,094	16,606	22,066	44,435	35,832	27,015	20,556	13,965	242,400
1941	9,788	10,920	10,837	13,317	14,369	17,119	17,850	46,528	38,891	37,638	21,827	14,628	253,700
1942	7,897	12,838	8,214	10,997	11,348	17,489	38,015	47,876	40,421	39,062	23,586	14,899	272,600
1943	7,736	17,535	13,560	15,460	16,257	20,130	30,871	37,633	38,161	37,426	25,589	15,796	276,200
1944	7,329	18,724	13,770	12,804	11,624	15,354	21,592	52,598	42,410	39,847	25,040	15,949	277,000
1945	7,525	12,532	10,525	11,897	15,917	16,888	18,481	47,330	32,184	32,921	19,695	13,674	239,600
1946	8,215	14,702	13,025	14,039	13,914	18,957	41,433	44,291	35,569	31,257	19,255	14,696	269,400
1947	7,880	14,517	11,484	11,627	12,991	21,124	27,151	30,429	24,510	30,855	23,033	14,422	230,000
1948	8,106	12,857	9,883	10,317	12,320	15,162	27,894	33,324	27,053	28,256	20,402	15,967	221,500
1949	6,844	12,729	12,377	13,640	12,339	19,754	35,689	50,688	29,961	30,357	24,296	13,324	262,000
1950	8,738	13,763	11,401	14,908	15,874	19,510	37,246	29,524	32,501	31,875	35,993	28,928	280,300
1951	7,246	15,331	15,477	15,057	7,558	8,313	14,254	26,289	30,747	33,099	34,266	25,654	233,300
1952	7,058	13,396	12,890	7,485	7,196	9,220	63,907	116,904	41,916	35,164	25,241	19,728	360,100
1953	15,285	16,876	18,208	10,791	8,787	10,594	11,645	20,036	31,400	32,197	23,974	13,752	213,500
1954	7,301	13,511	10,542	13,849	15,254	16,046	11,211	20,276	27,119	35,664	30,559	17,080	218,400
1955	6,518	12,253	10,635	11,924	11,596	17,571	18,839	37,956	35,750	33,883	21,125	13,278	231,300
1956	6,391	14,318	15,910	17,064	14,926	17,366	23,884	41,028	34,995	31,671	21,766	13,737	253,100
1957	6,783	11,870	12,208	14,191	17,278	18,100	20,205	48,113	48,661	36,048	36,253	24,993	294,700
1958	8,546	14,732	12,849	13,380	15,064	20,628	31,165	43,199	30,090	38,871	35,856	18,818	283,200
1959	7,795	13,779	12,620	13,693	13,906	15,340	12,479	23,097	26,168	30,992	20,756	13,169	203,800
1960	6,285	16,656	12,014	12,442	12,204	16,491	17,172	34,026	33,719	25,228	18,360	13,788	218,400
1961	10,617	11,942	10,853	12,846	12,944	14,987	11,938	18,980	23,388	19,430	12,391	7,508	167,800
1962	5,754	10,180	11,074	9,047	19,754	19,743	44,378	48,479	37,302	36,306	21,067	13,573	276,700
1963	14,164	10,190	11,355	10,694	15,065	15,199	18,938	37,211	35,638	37,303	18,160	9,266	233,200
1964	7,307	12,646	13,007	13,568	11,402	13,042	21,231	47,773	38,450	38,376	27,013	13,177	257,000
1965	6,304	11,575	7,689	11,645	13,234	14,717	27,881	56,519	46,806	40,365	33,384	16,588	286,700
1966	7,183	14,305	13,814	14,122	14,122	21,605	23,207	21,253	26,403	35,030	32,424	17,681	241,100
1967	6,403	19,208	15,157	14,670	13,060	19,570	19,061	39,438	30,679	35,309	37,604	30,440	280,600
1968	7,301	12,689	12,171	13,051	15,353	17,906	23,002	32,441	33,179	36,528	24,566	17,836	246,000
1969	8,729	14,272	7,349	8,658	7,278	11,189	41,737	49,661	32,931	34,110	30,686	16,947	263,500
1970	9,186	14,111	12,462	16,142	16,404	16,963	15,280	27,270	30,409	32,925	29,255	14,492	234,900
1971	8,930	15,130	12,139	14,667	15,194	11,551	20,010	31,946	28,025	32,033	28,439	9,861	227,900
1972	8,792	15,795	13,732	7,962	8,089	12,854	13,695	28,335	27,035	29,552	21,839	10,492	198,200
1973	7,470	14,316	11,323	12,766	12,988	17,289	17,560	59,183	30,713	30,544	24,959	13,382	252,500
Average	8,200	13,400	12,100	12,700	13,200	16,800	25,000	40,300	34,000	33,200	24,700	15,200	248,700

NO ACTION ALTERNATIVE
Spanish Fork River at Castilla Gage - Total Flow
Location #6
Water Year Monthly Summary
(cfs)

(6a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	133	140	148	126	161	253	460	385	535	462	334	222	280
1931	138	154	232	241	272	297	231	372	496	559	393	211	300
1932	134	169	201	208	280	318	469	635	655	542	477	165	354
1933	106	129	218	252	263	313	347	486	552	661	353	202	324
1934	144	171	151	137	164	217	220	238	344	351	255	156	212
1935	101	124	152	179	199	176	181	778	851	475	340	310	322
1936	188	187	160	194	211	261	763	968	648	629	295	205	392
1937	222	252	206	253	304	404	650	1,123	686	621	415	241	448
1938	120	225	195	215	243	377	590	889	686	461	366	222	382
1939	118	354	268	244	237	392	432	610	556	505	337	237	358
1940	112	279	186	211	245	271	371	724	603	440	335	235	334
1941	159	184	177	217	259	279	301	758	655	613	356	246	350
1942	129	216	134	179	205	285	640	780	680	636	384	251	377
1943	126	295	221	252	293	328	520	613	642	610	417	266	382
1944	119	315	224	209	202	250	364	857	714	649	408	268	382
1945	123	211	171	194	287	275	311	771	542	536	321	230	331
1946	134	248	212	229	251	309	698	722	599	509	314	247	373
1947	128	244	187	189	234	344	457	496	413	503	375	243	318
1948	132	216	161	168	215	247	470	543	455	460	332	269	306
1949	112	214	202	222	223	322	601	826	504	495	396	224	362
1950	142	232	186	243	286	318	627	481	547	519	586	487	388
1951	118	258	252	245	136	135	240	428	518	539	558	432	322
1952	115	226	210	122	125	150	1,076	1,905	706	573	411	332	496
1953	249	284	297	176	158	173	196	326	529	525	391	232	295
1954	119	227	172	226	275	261	189	330	457	581	498	288	302
1955	106	206	173	194	209	286	317	618	602	552	344	224	319
1956	104	241	259	278	260	283	402	668	589	516	355	231	349
1957	111	200	199	231	312	295	340	784	819	587	591	421	407
1958	139	248	209	218	272	336	525	704	507	633	584	317	391
1959	127	232	206	223	251	250	210	376	441	505	338	222	282
1960	102	280	196	203	213	269	289	554	568	411	299	232	301
1961	173	201	177	209	233	244	201	309	394	317	202	126	232
1962	94	171	180	147	356	322	747	790	628	591	343	229	383
1963	231	172	185	174	272	248	319	606	600	608	296	156	322
1964	119	213	212	221	199	212	357	778	647	625	440	222	354
1965	103	195	125	190	239	240	469	921	788	658	544	279	396
1966	117	241	225	230	255	352	391	346	444	571	528	298	333
1967	104	323	247	239	236	319	321	643	516	575	613	512	387
1968	119	214	198	213	267	292	387	529	559	595	400	300	339
1969	142	240	120	141	131	182	703	809	554	556	500	285	364
1970	150	238	203	263	296	276	257	444	512	536	477	244	325
1971	145	255	198	239	274	188	337	520	472	522	463	166	315
1972	143	266	224	130	141	209	231	462	455	481	356	177	273
1973	122	241	184	208	234	282	296	964	517	498	407	225	348
Average	133	226	196	206	236	274	420	656	572	541	403	256	343

NO ACTION ALTERNATIVE
Diamond Fork Creek - Total Flow above Spanish Fork River Outlet
Location #6
Water Year Monthly Summary
(Acre-Feet)

(6b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	4,289	4,170	4,489	4,589	4,832	5,289	9,288	6,668	5,860	5,419	5,419	5,360	65,700
1931	4,289	4,170	4,289	4,489	4,432	5,089	5,388	6,219	5,660	5,419	5,269	5,360	60,100
1932	4,689	4,370	4,189	4,189	4,551	4,989	5,888	6,268	5,960	5,419	5,519	5,360	61,400
1933	3,889	4,570	5,089	4,297	4,139	5,003	5,337	7,936	8,858	7,851	6,708	6,235	69,900
1934	4,740	4,407	4,405	3,942	3,832	4,794	4,686	6,315	5,738	5,577	6,102	5,594	60,100
1935	4,252	4,250	5,044	4,779	4,598	4,499	4,775	8,462	11,609	5,763	5,551	5,664	69,200
1936	4,122	4,113	4,049	4,112	3,906	4,744	11,950	13,876	6,146	8,256	5,283	5,882	76,400
1937	4,067	4,169	4,292	4,709	4,399	5,594	9,332	14,207	6,051	6,115	4,949	5,070	73,000
1938	4,570	4,496	4,374	4,315	4,235	5,034	6,155	11,276	5,856	6,465	5,670	4,983	67,400
1939	4,199	4,310	4,269	4,353	4,054	4,840	5,731	5,246	5,779	5,156	5,520	5,597	59,100
1940	4,210	4,065	4,314	4,248	4,250	4,656	5,322	7,071	5,040	5,412	5,818	5,777	60,200
1941	4,611	4,322	4,401	4,265	3,974	4,430	4,100	7,633	5,337	5,673	6,759	5,972	61,500
1942	4,643	4,199	4,332	4,380	3,913	5,026	8,393	8,763	5,072	5,832	6,007	5,765	66,300
1943	4,661	4,271	4,522	4,420	3,930	5,007	6,173	5,569	6,294	5,403	5,916	5,429	61,600
1944	4,265	4,150	4,367	4,550	4,098	4,645	5,155	12,070	6,397	5,583	5,325	5,395	66,000
1945	4,522	4,516	4,574	4,362	3,755	4,452	4,189	10,611	6,939	5,728	5,788	5,379	64,800
1946	4,541	4,209	4,356	4,543	4,052	5,100	10,577	8,958	6,418	6,397	6,009	5,008	70,200
1947	4,998	4,376	4,566	4,179	4,019	5,573	6,023	7,582	6,421	5,932	5,476	5,729	64,900
1948	4,467	4,068	4,112	4,049	4,286	4,940	5,918	9,556	6,783	5,886	5,866	5,756	65,700
1949	4,628	4,236	4,397	4,852	4,024	4,779	8,302	11,734	5,782	5,282	5,650	5,798	69,500
1950	4,732	4,076	4,485	4,509	4,201	4,902	9,146	10,651	6,483	6,653	5,679	5,620	71,100
1951	4,854	4,336	4,698	4,317	4,046	4,691	8,731	12,969	6,869	6,427	5,197	5,419	72,600
1952	4,633	4,069	4,506	4,679	4,096	4,964	27,907	43,094	11,880	7,737	6,359	6,347	130,300
1953	5,353	4,910	5,804	5,888	4,694	5,391	5,255	6,426	5,808	5,435	5,391	4,803	65,200
1954	4,323	3,979	4,214	4,291	3,839	4,270	4,529	4,995	4,856	5,188	4,686	5,309	54,500
1955	4,247	3,883	4,068	3,765	3,380	4,671	4,574	6,445	5,202	5,397	5,853	5,007	56,500
1956	4,236	4,037	4,387	4,502	4,120	4,329	5,328	6,599	4,780	5,974	6,371	4,902	59,600
1957	4,635	3,986	4,249	4,026	3,944	5,272	4,941	11,817	7,842	6,388	5,872	4,999	68,000
1958	4,653	4,124	4,349	4,295	4,031	4,908	7,356	15,221	5,519	6,219	6,021	5,162	71,900
1959	4,621	4,135	4,047	4,226	3,903	4,330	4,287	5,319	5,328	5,944	5,604	5,521	57,300
1960	4,226	3,646	3,879	3,944	3,732	4,391	4,289	5,533	4,357	4,209	4,053	5,556	51,800
1961	4,163	3,800	3,778	3,778	3,933	4,547	4,042	4,975	5,120	4,745	5,689	5,333	53,900
1962	4,097	3,809	4,004	4,546	5,271	4,799	8,808	9,685	4,780	5,013	6,132	5,528	66,500
1963	4,568	4,092	3,851	3,958	3,821	4,028	4,344	7,640	6,108	6,347	6,058	6,178	61,000
1964	4,321	4,142	4,298	4,020	3,459	3,850	4,761	12,595	7,283	5,892	5,607	5,881	66,100
1965	4,529	3,900	4,258	4,588	4,283	5,026	9,174	17,342	9,243	6,825	6,106	5,787	81,100
1966	4,107	3,927	4,309	4,380	4,284	5,402	4,567	6,721	5,563	5,645	5,229	5,885	60,000
1967	4,323	3,749	3,964	4,283	3,878	5,606	5,218	9,611	7,183	6,070	6,114	5,514	65,500
1968	4,187	3,952	4,002	4,037	3,971	4,450	4,721	11,454	6,437	8,625	5,526	6,043	67,400
1969	4,697	4,285	4,377	4,886	4,066	5,367	19,114	15,900	8,487	7,868	5,689	5,719	90,500
1970	5,099	4,092	3,949	4,332	3,526	4,170	4,004	17,868	15,522	5,860	3,951	5,691	78,100
1971	5,110	4,119	4,041	4,396	4,520	5,681	9,887	21,784	13,861	5,215	1,972	4,087	84,700
1972	4,939	4,462	4,223	4,209	4,065	6,701	6,499	7,863	10,094	6,943	5,103	5,012	70,100
1973	4,370	4,061	4,162	3,850	3,729	4,603	6,960	23,322	16,584	2,511	1,206	4,830	80,200
Average	4,500	4,200	4,300	4,300	4,100	4,900	7,100	10,700	7,100	5,900	5,500	5,500	68,100

NO ACTION ALTERNATIVE
Diamond Fork Creek - Total Flow above Spanish Fork River Outlet
Location #6
Water Year Monthly Summary
(cfs)

(6b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	70	70	73	75	87	86	156	109	99	88	88	90	91
1931	70	70	70	73	80	83	91	101	95	88	86	90	83
1932	76	74	68	68	79	81	99	102	100	88	90	90	85
1933	63	77	83	70	75	82	90	129	149	128	109	105	97
1934	77	74	72	64	69	78	79	103	97	91	99	94	83
1935	69	72	82	78	83	73	80	138	195	94	90	95	96
1936	67	69	66	67	68	77	201	226	103	135	86	99	105
1937	66	70	70	77	79	91	157	231	102	100	81	85	101
1938	74	76	71	70	76	82	104	184	99	105	92	84	93
1939	68	73	70	71	73	79	96	85	97	84	90	94	82
1940	69	68	70	69	74	76	90	115	85	88	95	97	83
1941	75	73	72	69	72	72	69	124	90	92	110	101	85
1942	76	71	71	71	71	82	141	143	85	95	98	97	92
1943	76	72	74	72	71	82	104	91	106	88	96	91	85
1944	69	70	71	74	71	76	87	197	108	91	87	91	91
1945	74	76	75	71	68	73	71	173	117	93	94	91	89
1946	74	71	71	74	73	83	178	146	108	104	98	84	97
1947	81	74	74	68	72	91	101	124	108	97	89	96	90
1948	73	68	67	66	75	80	100	156	114	96	96	97	91
1949	75	71	72	79	73	78	140	191	97	86	92	98	96
1950	77	69	73	73	76	80	154	174	109	108	93	95	98
1951	79	73	77	70	73	76	147	211	116	105	85	91	100
1952	75	69	73	76	71	81	470	702	200	126	104	107	180
1953	87	83	95	96	85	88	88	105	98	89	88	81	90
1954	70	67	69	70	69	70	76	81	82	85	76	89	75
1955	69	65	66	61	61	76	77	105	88	88	95	84	78
1956	69	68	71	73	72	71	90	108	80	97	104	83	82
1957	76	67	69	66	71	86	83	193	132	104	96	84	94
1958	76	69	71	70	73	80	124	248	93	101	98	87	99
1959	75	70	66	69	70	71	72	87	90	97	91	93	79
1960	69	61	63	64	65	72	72	90	73	69	66	94	72
1961	68	64	62	62	71	74	68	81	86	77	93	90	75
1962	67	64	65	74	95	78	148	158	80	82	100	93	92
1963	74	69	63	64	69	66	73	124	103	103	99	104	84
1964	70	70	70	65	60	63	80	205	123	96	91	99	91
1965	74	66	69	75	77	82	154	283	156	111	99	97	112
1966	67	66	70	71	77	88	77	109	94	92	85	99	83
1967	70	63	65	70	70	91	88	157	121	99	100	93	90
1968	68	67	65	66	69	72	79	187	108	141	90	102	93
1969	77	72	71	80	73	87	322	259	143	128	93	96	125
1970	83	69	64	71	64	68	67	291	261	95	64	96	108
1971	83	69	66	72	82	93	166	355	233	85	32	69	117
1972	80	75	69	69	71	109	109	128	170	113	83	84	97
1973	71	68	68	63	67	75	117	380	279	41	20	81	111
Average	73	70	70	71	73	80	119	175	120	97	89	92	94

NO ACTION ALTERNATIVE
Spanish Fork River - Diamond Fork Creek Natural Flow Gains below Red Hollow
Location #6
Water Year Monthly Summary
(Acre-Feet)

(6c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	600	600	800	900	1,500	1,600	2,100	1,100	1,100	500	500	600	11,900
1931	600	600	600	800	1,100	1,400	1,200	1,300	900	500	350	600	10,000
1932	1,000	800	500	500	1,100	1,300	1,300	1,100	1,200	500	600	600	10,500
1933	200	1,000	1,400	608	807	1,314	1,767	1,368	3,454	2,932	1,789	1,475	18,100
1934	1,051	837	716	253	500	1,105	1,116	1,396	978	658	1,183	834	10,600
1935	563	680	1,355	1,090	1,266	810	1,205	1,294	2,049	844	632	904	12,700
1936	433	543	360	423	455	1,055	3,662	2,708	1,386	3,337	364	1,122	15,800
1937	378	599	603	1,020	1,067	1,905	2,944	1,839	1,291	1,196	30	310	13,200
1938	881	926	685	626	903	1,345	467	1,908	1,096	1,546	751	223	11,400
1939	510	740	580	664	722	1,151	1,443	327	1,019	237	601	837	8,800
1940	521	495	625	559	799	967	1,534	1,903	280	493	899	1,017	10,100
1941	922	752	712	576	642	741	530	1,465	577	754	1,840	1,212	10,700
1942	954	629	643	691	581	1,337	2,705	2,195	312	913	1,088	1,005	13,100
1943	972	701	833	731	598	1,318	1,185	650	1,534	484	997	669	10,700
1944	576	580	678	861	647	956	1,567	3,502	1,637	664	406	635	12,700
1945	833	946	885	673	423	763	619	3,143	2,179	809	869	619	12,800
1946	852	639	667	854	720	1,411	3,289	3,090	1,658	1,478	1,090	248	16,000
1947	1,309	806	877	490	687	1,884	1,635	1,614	1,661	1,013	557	969	13,500
1948	778	498	423	360	835	1,251	1,530	2,588	2,023	967	947	996	13,200
1949	939	666	708	1,163	692	1,090	2,814	4,066	1,022	363	731	1,038	15,300
1950	1,043	506	796	820	869	1,213	3,458	2,783	1,723	1,734	760	860	16,600
1951	1,165	766	1,009	628	714	1,002	3,143	4,301	2,109	1,508	278	659	17,300
1952	944	499	817	990	645	1,275	13,719	19,226	2,276	2,818	1,440	1,587	46,200
1953	1,664	1,340	2,115	2,199	1,362	1,702	1,067	1,158	1,048	516	472	43	14,700
1954	634	409	525	602	507	581	959	76	96	269	-233	549	5,000
1955	558	313	379	76	48	982	1,004	1,526	442	478	934	247	7,000
1956	547	467	698	813	669	640	140	231	20	1,055	1,452	142	6,900
1957	946	416	560	337	612	1,583	1,371	1,749	1,038	1,469	953	239	11,300
1958	964	554	660	606	699	1,219	2,968	3,253	759	1,300	1,102	402	14,500
1959	932	565	358	537	571	641	717	400	568	1,025	685	761	7,800
1960	537	76	190	255	281	702	719	614	-403	-710	-866	796	2,200
1961	474	230	89	89	601	858	472	56	360	-174	770	573	4,400
1962	408	239	315	857	1,939	1,110	620	517	20	94	1,213	768	8,100
1963	879	522	162	269	489	339	774	1,272	1,348	1,428	1,139	1,418	10,000
1964	632	572	609	331	8	161	1,191	2,027	2,523	973	688	1,121	10,800
1965	840	330	569	899	951	1,337	2,886	3,674	1,539	1,906	1,187	1,027	17,100
1966	418	357	620	691	952	1,713	997	1,353	803	726	310	1,125	10,100
1967	634	179	275	594	546	1,917	1,648	2,343	979	1,151	1,195	754	12,200
1968	498	382	313	348	520	761	1,151	686	633	3,706	607	1,283	10,900
1969	1,008	715	688	1,197	734	1,678	7,926	932	3,727	2,949	770	959	23,300
1970	1,410	522	260	643	194	481	434	1,900	10,753	941	-968	931	17,500
1971	1,421	549	352	707	1,188	1,992	3,099	1,916	9,101	296	-2,947	-673	17,000
1972	1,250	892	534	520	614	3,012	2,929	2,944	5,334	2,024	184	252	20,500
1973	681	491	473	161	397	914	1,972	1,854	10,888	-2,408	-3,713	70	11,800
Average	800	590	640	660	730	1,200	2,000	2,200	1,900	1,000	540	720	13,100

NO ACTION ALTERNATIVE
Spanish Fork River - Diamond Fork Creek Natural Flow Gains below Red Hollow
Location #6
Water Year Monthly Summary
(cfs)

(6c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	10	10	13	15	27	26	35	18	19	8	8	10	17
1931	10	10	10	13	20	23	20	21	15	8	6	10	14
1932	16	13	8	8	19	21	22	18	20	8	10	10	15
1933	3	17	23	10	15	21	30	22	58	48	29	25	25
1934	17	14	12	4	9	18	19	23	16	11	19	14	15
1935	9	11	22	18	23	13	20	21	34	14	10	15	18
1936	7	9	6	7	8	17	62	44	23	54	6	19	22
1937	6	10	10	17	19	31	50	30	22	19	0	5	18
1938	14	16	11	10	16	22	8	31	18	25	12	4	16
1939	8	12	9	11	13	19	24	5	17	4	10	14	12
1940	8	8	10	9	14	16	26	31	5	8	15	17	14
1941	15	13	12	9	12	12	9	24	10	12	30	20	15
1942	16	11	10	11	10	22	46	36	5	15	18	17	18
1943	16	12	14	12	11	21	20	11	26	8	16	11	15
1944	9	10	11	14	11	16	26	57	28	11	7	11	18
1945	14	16	14	11	8	12	10	51	37	13	14	10	18
1946	14	11	11	14	13	23	55	50	28	24	18	4	22
1947	21	14	14	8	12	31	28	26	28	17	9	16	19
1948	13	8	7	6	15	20	26	42	34	16	15	17	18
1949	15	11	12	19	12	18	47	66	17	6	12	17	21
1950	17	9	13	13	16	20	58	45	29	28	12	14	23
1951	19	13	16	10	13	16	53	70	36	25	5	11	24
1952	15	8	13	16	11	21	231	313	38	46	23	27	64
1953	27	23	34	36	25	28	18	19	18	8	8	1	20
1954	10	7	9	10	9	9	16	1	2	4	-4	9	7
1955	9	5	6	1	1	16	17	25	7	8	15	4	10
1956	9	8	11	13	12	10	2	4	0	17	24	2	9
1957	15	7	9	5	11	26	23	28	17	24	16	4	16
1958	16	9	11	10	13	20	50	53	13	21	18	7	20
1959	15	10	6	9	10	10	12	7	10	17	11	13	11
1960	9	1	3	4	5	11	12	10	-7	-12	-14	13	3
1961	8	4	1	1	11	14	8	1	6	-3	13	10	6
1962	7	4	5	14	35	18	10	8	0	2	20	13	11
1963	14	9	3	4	9	6	13	21	23	23	19	24	14
1964	10	10	10	5	0	3	20	33	42	16	11	19	15
1965	14	6	9	15	17	22	49	60	26	31	19	17	24
1966	7	6	10	11	17	28	17	22	14	12	5	19	14
1967	10	3	4	10	10	31	28	38	16	19	19	13	17
1968	8	6	5	6	9	12	19	11	11	60	10	22	15
1969	16	12	11	20	13	27	133	15	63	48	13	16	32
1970	23	9	4	10	3	8	7	31	181	15	-16	16	24
1971	23	9	6	12	21	32	52	31	153	5	-48	-11	24
1972	20	15	9	8	11	49	49	48	90	33	3	4	28
1973	11	8	8	3	7	15	33	30	183	-39	-60	1	17
Average	13	10	10	11	13	19	34	35	33	17	9	12	18

NO ACTION ALTERNATIVE
Spanish Fork River - Spanish Fork River Outlet Releases
Location #6
Water Year Monthly Summary
(Acre-Feet)

(6d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	276	237	207	257	297	270	3539	7549	21605	20811	12865	4818	72,700
1931	279	1584	6079	7420	7334	7160	1212	11718	20986	27322	18019	5550	114,700
1932	2457	3568	4530	6278	8206	11751	13953	24309	26133	24552	20960	2645	149,300
1933	102	585	5967	8880	8564	11237	11681	10497	13725	29948	13036	4177	118,400
1934	2422	3865	2558	2048	2664	6149	6195	6270	13276	14993	8457	2829	71,700
1935	846	1905	3092	4723	4739	3795	1197	26618	30347	21191	13391	10971	122,800
1936	5716	4966	3667	5503	5694	7471	16562	23949	25930	27524	10009	4170	141,200
1937	6857	8515	6036	8535	9438	12495	17850	26831	26003	27409	18009	6926	174,900
1938	279	6368	4873	6160	6642	11720	16990	24508	27514	18644	13980	5618	143,300
1939	625	14223	9106	7817	6694	10747	12704	25319	25558	24360	13781	6760	157,700
1940	279	10111	4833	6085	6844	6750	7944	27065	27592	19903	13138	6088	136,600
1941	2577	4198	3936	6452	7195	9089	8850	21195	25454	28365	11868	6456	135,600
1942	154	5839	882	3717	4735	6463	12422	19214	26749	29230	14879	6734	131,000
1943	275	10064	5738	7740	7727	10123	17698	24364	24167	29023	17073	8467	162,500
1944	464	11974	6803	5954	4726	6609	9037	15929	25213	30464	17515	8454	143,100
1945	503	5116	3251	4635	7662	8136	8992	18219	16345	23493	10007	5595	112,000
1946	774	7393	5569	6496	6362	8857	17556	24934	24951	22160	10746	7588	143,400
1947	182	7141	3818	4848	5572	8951	12128	5447	12489	23123	14757	6493	104,900
1948	1339	6189	3171	3868	5034	6122	15376	11669	15170	19770	12436	8411	108,600
1949	216	6193	5680	6288	5615	10175	18687	23054	16379	21475	16246	5226	135,200
1950	1306	6987	4616	7399	8273	9908	18200	3374	17118	20722	27914	21108	146,900
1951	92	7995	7579	7940	112	22	23	1221	17578	23772	26569	18535	111,400
1952	125	7027	6284	106	0	56	0	810	8336	18627	11782	8581	61,700
1953	5232	7466	8204	203	293	203	590	4711	18592	23562	15483	6749	91,300
1954	278	6432	3428	6658	8115	8076	1182	9181	19263	28476	23873	9471	124,400
1955	271	6070	4267	5959	5916	8300	8365	19311	25248	25386	12672	6371	128,100
1956	255	7881	8423	9562	8406	8837	12556	23030	25615	24757	15395	7435	152,200
1957	248	5984	5759	7965	9434	8928	9064	16396	23919	24160	26881	17094	155,800
1958	693	7908	5500	6085	7333	10020	13809	1079	15471	28952	26935	10756	134,500
1959	274	6644	5273	6267	6903	7510	5392	13278	18240	23048	13552	6148	112,500
1960	259	11110	6235	6498	6372	8200	7683	19093	25662	19419	13007	6732	130,300
1961	4954	6342	5275	7168	7411	8440	5996	11705	18188	13715	5202	675	95,100
1962	357	4771	5570	3001	9883	10944	19670	20595	25422	28593	12935	6145	147,900
1963	7596	3798	5304	4636	8944	8671	11494	21571	25730	29156	10202	1188	138,300
1964	1586	6804	6909	7648	6243	6992	12070	22579	25367	29984	19906	6936	153,000
1965	75	5875	1331	4557	6551	6291	11307	20678	24563	28840	23778	7801	141,600
1966	276	7578	6905	7242	7038	10203	12040	5732	17540	27385	25495	11156	138,600
1967	80	13259	8993	7887	6782	9564	9243	14427	8196	23439	28390	22126	152,400
1968	114	5937	5469	6314	7982	9056	11281	988	12242	22703	15040	8493	105,600
1969	632	6787	72	72	112	22	23	2362	14144	21142	19697	6828	71,900
1970	87	7419	4913	8110	8678	8493	6376	1002	14887	22564	20404	4802	107,700
1971	120	7511	4998	6771	6974	70	23	1363	13925	22519	20867	2574	87,700
1972	253	7833	6109	253	124	253	1196	11872	16922	22010	14736	2881	84,400
1973	100	7255	4361	6016	6459	8486	0	1062	11129	22133	18152	4352	89,500
Average	1,200	6,700	5,000	5,600	6,000	7,300	9,300	14,200	20,200	24,100	16,600	7,500	123,700

NO ACTION ALTERNATIVE
Spanish Fork River - Spanish Fork River Outlet Releases
Location #6
Water Year Monthly Summary
(cfs)

(6d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	5	4	3	4	5	4	60	123	364	339	210	81	100
1931	5	27	99	121	132	117	20	191	353	445	294	93	158
1932	40	60	74	102	143	191	235	396	440	400	341	45	206
1933	2	10	97	145	154	183	197	171	231	488	212	70	163
1934	39	65	42	33	48	100	104	102	223	244	138	48	99
1935	14	32	50	77	85	62	20	434	511	345	218	185	169
1936	93	84	60	90	99	122	279	390	437	448	163	70	195
1937	112	143	98	139	170	204	301	437	438	447	293	117	242
1938	5	107	79	100	120	191	286	399	463	304	228	95	198
1939	10	239	148	127	121	175	214	412	430	397	225	114	218
1940	5	170	79	99	119	110	134	441	465	324	214	102	188
1941	42	71	64	105	130	148	149	345	429	462	193	109	187
1942	3	98	14	61	85	105	209	313	450	476	242	113	181
1943	4	169	93	126	139	165	298	397	407	473	278	143	224
1944	8	202	111	97	82	108	152	260	424	496	285	142	197
1945	8	86	53	76	138	133	151	297	275	383	163	94	155
1946	13	124	91	106	115	144	296	406	420	361	175	128	198
1947	3	120	62	79	101	146	204	89	210	377	240	109	145
1948	22	104	52	63	88	100	259	190	255	322	203	142	150
1949	4	104	93	102	101	166	315	376	276	350	265	88	187
1950	21	118	75	121	149	161	306	55	288	338	455	355	204
1951	1	135	123	129	2	0	0	20	296	387	433	312	153
1952	2	118	102	2	0	1	0	13	140	303	192	144	85
1953	85	126	134	3	5	3	10	77	313	384	252	114	125
1954	5	108	56	108	146	132	20	150	324	464	389	159	172
1955	4	102	70	97	107	135	141	315	425	414	206	107	177
1956	4	133	137	156	146	144	211	375	431	403	251	125	210
1957	4	101	94	130	170	145	153	267	403	394	438	288	215
1958	11	133	90	99	132	163	232	18	260	472	439	181	186
1959	4	112	86	102	125	122	91	216	307	376	221	104	155
1960	4	187	102	106	111	134	129	311	432	316	212	113	180
1961	81	107	86	117	134	138	101	191	306	223	85	11	132
1962	6	80	91	49	178	178	331	336	428	466	211	103	205
1963	124	64	86	76	161	141	194	351	433	475	166	20	191
1964	26	115	113	125	109	114	203	368	427	488	324	117	211
1965	1	99	22	74	118	102	190	337	414	470	387	131	196
1966	5	128	112	118	127	166	203	93	295	446	415	188	191
1967	1	223	147	128	122	156	156	235	138	382	463	372	210
1968	2	100	89	103	139	148	190	16	206	370	245	143	146
1969	10	114	1	1	2	0	0	38	238	344	321	115	99
1970	1	125	80	132	157	138	107	16	251	368	332	81	149
1971	2	126	81	110	126	1	0	22	234	367	340	43	121
1972	4	132	100	4	2	4	20	193	285	359	240	48	116
1973	2	122	71	98	117	138	0	17	187	361	296	73	123
Average	19	112	82	92	108	119	156	232	340	392	270	126	171

NO ACTION ALTERNATIVE
Spanish Fork River - Natural Flow Gains (excluding Diamond Fork Creek)
Location #6
Water Year Monthly Summary
(Acre-Feet)

(6e)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	3600	3900	4400	2900	3800	10000	14500	9400	4300	2100	2200	3000	64,100
1931	3900	3400	3900	2900	3300	6000	7100	4900	2800	1600	850	1600	42,300
1932	1100	2100	3600	2300	3300	2800	8000	8400	6800	3300	2800	1800	46,300
1933	2500	2500	2300	2300	1900	3000	3600	11400	10200	2800	1900	1600	46,000
1934	1700	1900	2300	2400	2600	2400	2200	2000	1400	970	1100	820	21,800
1935	1100	1200	1200	1500	1700	2500	4800	12700	8600	2200	1900	1800	41,200
1936	1700	2000	2100	2300	2500	3800	16800	21600	6400	2800	2800	2100	66,900
1937	2700	2300	2300	2300	3000	6700	11400	27900	8700	4600	2500	2300	76,700
1938	2500	2500	2700	2700	2600	6400	11900	18800	7400	3200	2800	2600	66,100
1939	2400	2500	3100	2800	2400	8500	7200	6900	1700	1500	1400	1700	42,100
1940	2400	2400	2300	2600	3000	5200	8800	10300	3200	1700	1600	2100	45,600
1941	2600	2400	2500	2600	3200	3600	4900	17700	8100	3600	3200	2200	56,600
1942	3100	2800	3000	2900	2700	6000	17200	19900	8600	4000	2700	2400	75,300
1943	2800	3200	3300	3300	4600	5000	7000	7700	7700	3000	2600	1900	52,100
1944	2600	2600	2600	2300	2800	4100	7400	24600	10800	3800	2200	2100	67,900
1945	2500	2900	2700	2900	4500	4300	5300	18500	8900	3700	3900	2700	62,800
1946	2900	3100	3100	3000	3500	5000	13300	10400	4200	2700	2500	2100	55,800
1947	2700	3000	3100	2600	3400	6600	9000	17400	5600	1800	2800	2200	60,200
1948	2300	2600	2600	2400	3000	4100	6600	12100	5100	2600	2100	1800	47,300
1949	2000	2300	2300	2500	2700	4800	8700	15900	7800	3600	2400	2300	57,300
1950	2700	2700	2300	3000	3400	4700	9900	15500	8900	4500	2400	2200	62,200
1951	2300	3000	3200	2800	3400	3600	5500	12100	6300	2900	2500	1700	49,300
1952	2300	2300	2100	2700	3100	4200	36000	73000	21700	8800	7100	4800	168,100
1953	4700	4500	4200	4700	3800	5000	5800	8900	7000	3200	3100	2200	57,100
1954	2700	3100	2900	2900	3300	3700	5500	6100	3000	2000	2000	2300	39,500
1955	2000	2300	2300	2200	2300	4600	5900	12200	5300	3100	2600	1900	46,700
1956	1900	2400	3100	3000	2400	4200	6000	11400	4600	940	0	1400	41,300
1957	1900	1900	2200	2200	3900	3900	6200	19900	16900	5500	3500	2900	70,900
1958	3200	2700	3000	3000	3700	5700	10000	26900	9100	3700	2900	2900	76,800
1959	2900	3000	3300	3200	3100	3500	2800	4500	2600	2000	1600	1500	34,000
1960	1800	1900	1900	2000	2100	3900	5200	9400	3700	1600	1300	1500	36,300
1961	1500	1800	1800	1900	1600	2000	1900	2300	80	970	1500	1500	18,900
1962	1300	1600	1500	1500	4600	4000	15900	18200	7100	2700	2000	1900	62,300
1963	2000	2300	2200	2100	2300	2500	3100	8000	3800	1800	1900	1900	33,900
1964	1400	1700	1800	1900	1700	2200	4400	12600	5800	2500	1500	360	37,900
1965	1700	1800	2100	2500	2400	3400	7400	18500	13000	4700	3500	3000	64,000
1966	2800	2800	2600	2500	2800	6000	6600	8800	3300	2000	1700	640	42,500
1967	2000	2200	2200	2500	2400	4400	4600	15400	15300	5800	3100	2800	62,700
1968	3000	2800	2700	2700	3400	4400	7000	20000	14500	5200	4000	3300	73,000
1969	3400	3200	2900	3700	3100	5800	22600	31400	10300	5100	5300	4400	101,200
1970	4000	2600	3600	3700	4200	4300	4900	8400	0	4500	4900	4000	49,100
1971	3700	3500	3100	3500	3700	5800	10100	8800	240	4300	5600	3200	55,500
1972	3600	3500	3400	3500	3900	5900	6000	8600	20	600	2000	2600	43,600
1973	3000	3000	2800	2900	2800	4200	10600	34800	3000	5900	5600	4200	82,800
Average	2,500	2,600	2,700	2,700	3,000	4,600	8,600	15,300	6,700	3,200	2,700	2,300	56,900

NO ACTION ALTERNATIVE
Spanish Fork River - Natural Flow Gains (excluding Diamond Fork Creek)
Location #6
Water Year Monthly Summary
(cfs) (6e)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	59	66	72	47	69	163	244	153	72	34	36	51	89
1931	64	57	64	47	60	98	120	80	47	26	14	27	59
1932	18	35	59	37	57	46	135	137	114	54	46	30	64
1933	41	42	37	37	34	49	61	186	172	46	31	27	64
1934	28	32	37	39	47	39	37	33	24	16	18	14	30
1935	18	20	20	24	31	41	81	207	145	36	31	30	57
1936	28	34	34	37	44	62	283	352	108	46	46	35	92
1937	44	39	37	37	54	109	192	455	146	75	41	39	106
1938	41	42	44	44	47	104	200	306	125	52	46	44	91
1939	39	42	51	46	43	138	121	112	29	24	23	29	58
1940	39	40	37	42	52	85	148	168	54	28	26	35	63
1941	42	40	41	42	58	59	82	288	136	59	52	37	78
1942	51	47	49	47	49	98	290	324	145	65	44	40	104
1943	46	54	54	54	83	81	118	125	130	49	42	32	72
1944	42	44	42	37	49	67	125	401	182	62	36	35	93
1945	41	49	44	47	81	70	89	301	150	60	64	45	87
1946	47	52	51	49	63	81	224	169	71	44	41	35	77
1947	44	51	51	42	61	108	152	283	94	29	46	37	83
1948	37	44	42	39	52	67	111	197	86	42	34	30	65
1949	33	39	37	41	49	78	146	259	131	59	39	39	79
1950	44	45	37	49	61	77	167	253	150	73	39	37	86
1951	37	51	52	46	61	59	93	197	106	47	41	29	68
1952	37	39	34	44	54	68	606	1,189	365	143	116	81	231
1953	77	76	68	77	69	81	98	145	118	52	51	37	79
1954	44	52	47	47	60	60	93	99	51	33	33	39	55
1955	33	39	37	36	41	75	99	199	89	51	42	32	64
1956	31	40	51	49	42	68	101	186	77	15	0	24	57
1957	31	32	36	36	70	64	104	324	285	90	57	49	98
1958	52	45	49	49	67	93	168	438	153	60	47	49	106
1959	47	51	54	52	56	57	47	73	44	33	26	25	47
1960	29	32	31	33	37	64	88	153	62	26	21	25	50
1961	24	30	29	31	29	33	32	37	1	16	24	25	26
1962	21	27	24	24	83	65	268	297	120	44	33	32	86
1963	33	39	36	34	41	41	52	130	64	29	31	32	47
1964	23	29	29	31	30	36	74	205	98	41	24	6	52
1965	28	30	34	41	43	55	125	301	219	77	57	51	88
1966	46	47	42	41	51	98	111	143	56	33	28	11	59
1967	33	37	36	41	43	72	77	251	258	94	51	47	87
1968	49	47	44	44	59	72	118	326	244	85	65	56	101
1969	55	54	47	60	56	94	380	512	173	83	86	74	140
1970	65	44	59	60	76	70	82	137	0	73	80	67	68
1971	60	59	51	57	67	94	170	143	4	70	91	54	77
1972	59	59	55	57	68	96	101	140	0	10	33	44	60
1973	49	51	46	47	51	68	178	567	51	96	91	71	114
Average	41	44	44	44	54	75	145	250	112	52	44	38	79

NO ACTION ALTERNATIVE
Spanish Fork River below Spanish Fork Diversion Dam - Total Flow
Location #7
Water Year Monthly Summary
(Acre-Feet)

(7a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1,399	2,587	2,546	3,346	2,669	1,759	1,497	3,503	3,968	3,961	2,954	1,189	31,400
1931	1,479	4,154	8,668	10,409	9,866	9,499	324	2,747	3,491	10,357	10,271	4,932	76,200
1932	4,581	6,538	7,219	9,367	10,857	14,940	14,841	21,639	15,560	18,061	11,489	1,302	136,400
1933	1,302	3,355	8,656	11,969	11,696	14,326	14,301	15,267	4,551	11,856	2,858	1,136	101,300
1934	3,751	6,935	5,847	5,137	5,696	9,638	7,555	1,953	2,948	4,056	4,408	2,993	60,900
1935	3,322	4,775	6,581	8,212	7,871	7,284	4,447	30,188	26,649	4,634	4,492	7,415	115,900
1936	7,384	8,136	7,056	8,992	8,945	10,260	18,570	28,633	15,325	14,342	2,827	2,579	133,000
1937	6,617	11,285	9,125	11,924	11,870	14,334	15,787	38,243	16,527	14,290	7,782	4,011	161,800
1938	988	9,038	7,762	9,049	9,274	13,659	15,168	23,668	14,474	10,191	3,813	3,566	120,700
1939	894	16,993	11,895	10,706	9,526	12,386	11,582	17,382	13,888	6,043	3,779	4,788	119,900
1940	1,719	13,081	8,022	9,174	9,595	9,189	4,792	17,036	11,362	4,932	4,286	6,105	99,300
1941	4,337	7,068	7,025	9,541	9,827	11,778	10,220	22,499	16,720	11,790	5,706	4,146	120,700
1942	1,545	8,409	3,871	6,806	7,367	9,252	13,710	22,258	15,188	11,978	4,520	4,804	109,700
1943	1,054	12,634	8,627	10,729	10,099	12,662	19,006	19,245	17,333	11,908	7,138	4,978	135,400
1944	710	14,844	9,892	9,343	7,477	9,298	10,225	20,083	18,743	11,314	4,599	4,694	121,200
1945	743	7,786	6,440	7,724	10,294	10,825	10,262	17,015	7,703	4,585	2,824	1,492	87,700
1946	845	10,063	8,558	9,485	8,894	11,296	18,904	19,825	10,849	5,526	2,191	4,082	110,500
1947	560	9,711	6,807	7,737	8,104	11,290	13,706	5,051	3,246	4,593	3,282	1,377	75,500
1948	727	8,959	6,160	6,757	7,685	8,811	16,564	3,504	3,727	4,131	2,588	3,472	73,100
1949	1,302	8,863	8,569	9,677	8,247	12,764	19,967	22,910	4,141	4,111	3,112	1,820	105,500
1950	534	9,437	7,505	10,388	10,705	12,347	19,778	3,078	4,336	3,651	12,451	13,338	107,500
1951	2,054	10,245	10,268	10,929	2,584	2,461	1,631	3,511	4,111	4,274	13,511	12,378	78,000
1952	632	9,377	8,973	2,895	2,541	2,595	34,207	86,047	11,361	4,869	3,243	2,025	168,800
1953	1,738	9,116	10,143	2,742	2,565	2,442	1,678	2,135	3,627	3,967	3,297	1,914	45,400
1954	992	8,882	6,117	9,347	10,547	10,765	1,612	2,610	3,862	11,275	11,284	7,683	85,000
1955	1,743	8,740	7,156	8,748	8,448	11,089	10,215	20,059	14,708	8,285	3,768	5,625	108,600
1956	2,140	10,851	11,312	12,351	11,257	11,076	14,214	21,910	13,965	8,627	3,994	5,385	127,100
1957	1,940	8,754	8,648	10,754	11,806	11,517	10,234	16,636	20,554	4,343	13,649	11,953	130,800
1958	530	10,358	8,289	8,874	9,705	12,559	14,997	12,369	4,177	10,905	13,032	8,672	114,500
1959	1,822	9,314	8,062	9,056	9,435	10,199	7,312	9,477	3,590	8,880	5,438	5,229	87,800
1960	2,215	13,980	9,324	9,387	8,913	10,889	10,243	17,338	13,592	7,237	6,116	6,950	116,200
1961	6,917	9,112	8,364	10,057	10,143	11,429	9,666	7,949	6,049	2,382	1,522	698	84,300
1962	1,971	7,641	8,559	5,990	12,415	13,733	20,938	26,627	15,823	12,861	3,684	4,651	134,900
1963	8,630	6,568	8,293	7,425	10,916	12,560	14,074	21,010	15,493	11,460	2,473	743	119,600
1964	2,171	9,474	9,798	10,537	8,994	9,881	13,720	22,773	17,348	9,913	9,224	4,056	127,900
1965	1,296	8,445	3,920	7,246	8,983	8,730	12,495	26,141	19,302	13,296	13,375	5,348	128,600
1966	1,599	10,028	9,694	10,131	9,570	12,542	14,110	2,810	3,670	12,752	14,684	8,934	110,500
1967	459	15,929	11,882	10,776	9,414	12,003	11,873	20,975	3,246	4,549	12,093	14,315	127,500
1968	1,241	8,607	8,258	9,203	10,523	11,495	12,551	4,112	5,019	4,484	2,693	1,866	80,100
1969	356	9,357	2,761	2,761	2,484	2,261	12,037	18,810	3,742	4,455	4,011	1,534	64,600
1970	1,460	9,989	7,602	10,799	11,110	11,082	8,026	5,693	3,718	4,365	3,666	1,225	78,700
1971	1,378	9,961	7,787	9,460	9,406	2,409	1,791	4,591	3,871	4,750	4,113	1,226	60,700
1972	1,678	10,503	8,698	2,942	2,565	3,042	3,806	4,844	4,090	4,524	2,208	831	49,700
1973	1,323	9,825	7,150	8,805	8,991	11,075	1,188	28,343	4,038	5,304	3,681	1,366	91,100
Average	2,100	9,300	7,900	8,600	8,600	9,900	11,500	16,900	9,800	7,800	6,000	4,500	102,800

NO ACTION ALTERNATIVE
Spanish Fork River below Spanish Fork Diversion Dam - Total Flow
Location #7
Water Year Monthly Summary
(b) **7a**

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	23	44	41	55	48	29	25	57	67	65	48	20	43
1931	24	70	141	170	178	155	5	45	59	169	167	83	105
1932	75	110	118	153	189	243	250	353	262	294	187	22	188
1933	21	56	141	195	211	233	241	249	77	193	47	19	140
1934	61	117	95	84	103	157	127	32	50	66	72	50	84
1935	54	80	107	134	142	119	75	492	449	75	73	125	160
1936	120	137	115	146	156	167	313	466	258	234	46	43	183
1937	108	190	149	194	214	234	266	623	278	233	127	68	224
1938	16	152	126	147	167	223	255	386	244	166	62	60	167
1939	15	286	194	174	172	202	195	283	234	98	62	81	166
1940	28	220	131	149	167	150	81	278	191	80	70	103	137
1941	71	119	114	155	177	192	172	367	281	192	93	70	167
1942	25	142	63	111	133	151	231	363	256	195	74	81	152
1943	17	213	141	175	182	206	320	314	292	194	116	84	188
1944	12	250	161	152	130	151	172	327	316	184	75	79	167
1945	12	131	105	126	186	176	173	277	130	75	46	25	122
1946	14	169	139	155	160	184	318	323	183	90	36	69	153
1947	9	163	111	126	146	184	231	82	55	75	53	23	105
1948	12	151	100	110	134	144	279	57	63	67	42	58	101
1949	21	149	140	158	149	208	336	373	70	67	51	31	146
1950	9	159	122	169	193	201	333	50	73	59	203	225	150
1951	33	172	167	178	47	40	27	57	69	70	220	208	107
1952	10	158	146	47	44	42	576	1,402	191	79	53	34	232
1953	28	153	165	45	46	40	28	35	61	65	54	32	63
1954	16	150	100	152	190	175	27	43	65	184	184	129	118
1955	28	147	117	143	152	181	172	327	248	135	61	95	150
1956	35	183	184	201	196	180	239	357	235	141	65	91	176
1957	32	147	141	175	213	188	172	271	346	71	222	201	182
1958	9	174	135	145	175	205	252	202	70	178	212	146	159
1959	30	157	131	148	170	166	123	154	60	145	89	88	122
1960	36	235	152	153	155	177	172	282	229	118	100	117	161
1961	113	153	136	164	183	186	163	130	102	39	25	12	117
1962	32	129	139	98	224	224	352	434	266	210	60	78	187
1963	141	111	135	121	197	205	237	342	261	187	40	13	166
1964	35	159	160	172	157	161	231	371	292	162	150	68	176
1965	21	142	64	118	162	142	210	426	325	217	218	90	178
1966	26	169	158	165	173	204	238	46	62	208	239	150	153
1967	7	268	194	176	170	196	200	342	55	74	197	241	177
1968	20	145	135	150	183	187	211	67	84	73	44	31	111
1969	6	158	45	45	45	37	203	306	63	73	65	26	89
1970	24	168	124	176	200	181	135	93	63	71	60	21	110
1971	22	168	127	154	170	39	30	75	65	77	67	21	85
1972	27	177	142	48	45	50	64	79	69	74	36	14	69
1973	22	165	116	143	162	180	20	462	68	86	60	23	126
Average	34	157	129	140	154	161	193	275	164	127	97	76	142

NO ACTION ALTERNATIVE
Spanish Fork River below Spanish Fork Diversion Dam
Location #7 - Non-Bonneville Unit Diversions to Power Canal
Water Year Monthly Summary
(Acre-Feet)

(7b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	6,740	5,720	6,550	4,400	6,260	13,800	25,560	20,100	26,450	17,340	14,700	11,430	159,100
1931	5,680	5,000	5,600	4,400	5,200	8,750	13,360	20,060	23,750	18,230	9,860	5,890	125,800
1932	3,210	3,500	5,100	3,400	5,200	4,600	13,000	17,330	19,500	15,210	17,020	7,510	114,600
1933	4,690	4,300	4,700	3,508	2,907	4,914	6,317	14,008	27,054	22,582	14,349	9,305	118,600
1934	4,761	3,237	3,416	3,253	3,400	3,705	5,526	10,416	7,878	6,788	5,793	3,584	61,800
1935	1,723	2,580	2,755	2,790	3,166	3,510	6,325	16,944	20,679	16,374	11,652	10,064	98,600
1936	3,573	2,943	2,760	2,923	3,155	5,755	26,742	30,690	21,006	15,547	11,204	8,492	134,800
1937	6,918	3,699	3,503	3,620	4,967	10,455	22,754	30,690	21,991	17,096	15,160	9,920	150,800
1938	6,291	4,326	4,185	4,126	4,203	9,495	19,877	30,690	26,296	16,536	15,491	8,833	150,300
1939	6,290	4,040	4,580	4,264	3,622	11,701	14,053	20,077	14,079	20,057	13,721	8,597	125,100
1940	4,381	3,495	3,425	3,759	4,499	7,417	17,274	27,183	22,470	13,513	12,019	6,337	125,800
1941	5,252	3,852	3,812	3,776	4,542	5,341	7,630	23,955	17,477	18,324	13,110	10,482	117,600
1942	6,134	4,429	4,343	4,191	3,981	8,237	24,305	25,075	23,912	21,263	15,258	10,095	151,200
1943	6,682	4,901	4,933	4,731	6,158	7,468	11,865	18,270	15,174	19,814	14,677	10,459	125,100
1944	6,426	3,880	3,878	3,461	4,147	6,056	11,367	30,690	20,297	24,754	17,376	11,075	143,400
1945	6,633	4,746	4,085	4,173	5,623	6,063	8,219	28,543	20,379	23,959	10,999	11,889	135,300
1946	7,352	4,639	4,467	4,554	5,020	7,661	22,529	24,460	23,828	20,328	13,550	10,598	149,000
1947	6,849	4,806	4,677	3,890	4,887	9,834	13,445	25,314	13,231	21,943	16,467	12,919	138,300
1948	7,148	3,898	3,723	3,560	4,635	6,351	11,330	28,888	20,013	19,767	14,497	12,416	136,200
1949	5,199	3,866	3,808	3,963	4,092	6,990	15,684	27,386	24,222	20,483	18,741	10,978	145,400
1950	7,783	4,326	3,896	4,520	5,169	7,163	17,468	26,323	27,433	21,104	20,870	15,450	161,500
1951	4,435	5,086	5,209	4,128	4,974	5,852	12,623	22,561	24,709	24,218	17,508	13,119	144,400
1952	6,134	4,019	3,917	4,590	4,655	6,625	29,700	30,690	29,700	26,648	19,690	17,587	184,000
1953	13,504	7,760	8,065	8,049	6,222	8,152	9,967	17,598	27,318	23,466	17,132	11,583	158,800
1954	6,234	4,629	4,425	4,502	4,707	5,281	9,599	17,666	20,436	18,499	17,907	8,089	122,000
1955	4,758	3,513	3,479	3,176	3,148	6,482	8,624	17,836	21,042	25,108	16,904	7,597	121,700
1956	4,207	3,467	4,598	4,713	3,669	6,290	9,670	19,061	21,020	20,155	17,772	8,352	123,000
1957	3,926	3,116	3,560	3,437	5,472	6,583	9,971	28,759	25,098	28,179	20,083	12,909	151,100
1958	7,854	4,374	4,560	4,506	5,359	8,069	16,168	30,690	25,459	23,450	20,762	9,182	160,400
1959	5,952	4,465	4,558	4,637	4,471	5,141	5,167	13,620	22,578	17,565	14,125	7,491	109,800
1960	3,967	2,676	2,690	3,055	3,291	5,602	6,929	16,644	20,127	16,200	12,244	6,286	99,700
1961	3,084	2,830	2,489	2,789	2,801	3,558	2,272	11,006	16,110	11,746	8,050	5,133	71,900
1962	2,508	2,539	2,515	3,057	7,339	6,010	23,440	21,747	18,590	15,684	16,393	7,878	127,700
1963	5,119	3,622	3,062	3,269	4,149	2,639	4,864	16,142	11,778	18,768	13,709	6,918	94,000
1964	4,852	3,172	3,209	3,031	2,408	3,161	7,511	23,447	14,123	26,683	16,448	9,121	117,200
1965	4,350	3,130	3,769	4,399	4,251	5,987	15,386	30,284	25,209	20,306	16,297	10,477	143,800
1966	5,478	4,277	4,120	3,991	4,552	9,063	9,097	18,443	22,733	17,336	16,980	8,145	124,200
1967	5,344	3,279	3,275	3,894	3,646	7,567	7,188	18,353	20,619	27,251	22,925	15,914	139,300
1968	4,688	4,082	3,913	3,848	4,830	6,411	10,451	27,826	25,733	27,906	17,367	15,803	152,900
1969	8,008	4,915	4,588	5,897	4,794	8,928	29,700	30,690	25,666	24,249	24,189	15,065	186,700
1970	7,050	4,122	4,860	5,343	5,294	5,881	7,254	21,450	21,738	23,994	23,455	12,308	142,700
1971	6,691	5,169	4,352	5,207	5,788	9,142	18,219	27,236	22,321	23,864	22,299	6,362	156,700
1972	5,690	5,292	5,034	5,020	5,524	9,812	9,889	23,334	19,528	19,343	17,111	7,552	133,100
1973	4,581	4,491	4,173	3,961	3,997	6,214	16,372	30,690	24,670	21,569	19,072	11,194	151,000
Average	5,600	4,100	4,200	4,100	4,500	6,900	13,500	23,000	21,400	20,300	16,000	10,000	133,700

NO ACTION ALTERNATIVE
Spanish Fork River below Spanish Fork Diversion Dam
Location #7 - Non-Bonneville Unit Diversions to Power Canal
Water Year Monthly Summary
(cfs)

(7b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	110	96	107	72	113	225	430	327	445	283	239	192	220
1931	93	84	91	72	94	143	225	327	400	297	161	99	174
1932	52	59	83	55	91	75	219	282	328	248	277	126	158
1933	76	72	77	57	52	80	106	228	455	368	234	157	164
1934	78	54	56	53	61	60	93	170	133	111	94	60	85
1935	28	43	45	45	57	57	106	276	348	267	190	169	136
1936	58	50	45	48	55	94	450	500	354	253	183	143	186
1937	113	62	57	59	90	170	383	500	370	279	247	167	208
1938	102	73	68	67	76	155	335	500	443	269	252	149	207
1939	102	68	75	69	65	191	237	327	237	327	224	145	172
1940	71	59	56	61	78	121	291	443	378	220	196	107	173
1941	86	65	62	62	82	87	128	390	294	299	214	176	162
1942	100	75	71	68	72	134	409	409	403	346	249	170	209
1943	109	83	80	77	111	122	200	298	255	323	239	176	173
1944	105	65	63	56	72	99	191	500	342	403	283	186	197
1945	108	80	67	68	101	99	138	465	343	390	179	200	187
1946	120	78	73	74	91	125	379	399	401	331	221	178	206
1947	112	81	76	63	88	160	226	412	223	357	268	217	190
1948	116	66	61	58	81	103	191	471	337	322	236	209	188
1949	85	65	62	65	74	114	264	446	408	334	305	185	200
1950	127	73	63	74	93	117	294	429	462	344	340	260	223
1951	72	86	85	67	90	95	213	368	416	395	285	221	199
1952	100	68	64	75	81	108	500	500	500	434	321	296	254
1953	220	131	131	131	112	133	168	287	460	382	279	195	219
1954	102	78	72	73	85	86	162	288	344	301	292	136	168
1955	78	59	57	52	57	106	145	291	354	409	275	128	167
1956	69	58	75	77	64	102	163	311	354	328	290	141	169
1957	64	52	58	56	99	107	168	469	423	459	327	217	208
1958	128	74	74	73	97	131	272	500	429	382	338	155	221
1959	97	75	74	76	81	84	87	222	380	286	230	126	151
1960	65	45	44	50	57	91	117	271	339	264	199	106	137
1961	50	48	41	45	51	58	38	179	271	191	131	86	99
1962	41	43	41	50	132	98	395	354	313	256	267	133	177
1963	83	61	50	53	75	43	82	263	198	306	223	116	130
1964	79	53	52	49	42	51	126	382	238	435	268	154	161
1965	71	53	61	72	77	98	259	493	424	331	266	176	198
1966	89	72	67	65	82	148	153	300	383	282	277	137	171
1967	87	55	53	63	66	123	121	299	347	444	373	268	192
1968	76	69	64	63	84	104	176	453	433	455	283	266	211
1969	130	83	75	96	86	145	500	500	432	395	394	254	258
1970	115	69	79	87	95	96	122	349	366	391	382	207	197
1971	109	87	71	85	104	149	307	444	376	389	363	107	216
1972	93	89	82	82	96	160	166	380	329	315	279	127	183
1973	75	76	68	65	72	101	276	500	415	351	311	188	208
Average	92	69	68	67	81	112	228	375	361	331	261	168	184

NO ACTION ALTERNATIVE
Spanish Fork River below Spanish Fork Diversion Dam
Location #7 - Bonneville Unit Supplemental Irrigation Diversions to Power Canal
Water Year Monthly Summary
(Acre-Feet)

(7c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	27	0	0	0	0	269	14	1,347	7,029	2,829	559		12,100
1931	1,308	0	0	0	0	16	31	2,205	5,754	4,007	1,688		15,000
1932	455	0	0	0	0	0	8	3,834	0	770	993		6,100
1933	498	0	0	0	0	0	0	558	1,177	6,161	4,437	1,572	14,400
1934	350	0	0	0	0	0	0	2,216	9,588	10,696	5,459	2,667	31,000
1935	1,153	0	0	0	0	0	0	647	3,228	8,146	4,699	956	18,800
1936	581	0	0	0	0	0	0	102	2,145	8,691	4,061	1,081	16,700
1937	89	0	0	0	0	0	41	5	2,236	6,738	2,516	365	12,000
1938	70	0	0	0	0	0	0	225	0	1,582	3,146	802	5,800
1939	41	0	0	0	0	0	0	6	5,070	4,916	3,201	672	13,900
1940	789	0	0	0	0	0	0	216	2,000	8,570	4,251	1,522	17,300
1941	200	0	0	0	0	0	0	74	4,694	7,524	3,011	0	15,500
1942	218	0	0	0	0	0	0	543	1,321	5,821	3,808	0	11,700
1943	0	0	0	0	0	0	0	118	5,654	5,704	3,774	360	15,600
1944	192	0	0	0	0	0	0	1,825	3,371	3,779	3,065	179	12,400
1945	150	0	0	0	0	0	0	1,772	4,102	4,377	5,872	292	16,600
1946	18	0	0	0	0	0	0	6	892	5,403	3,514	17	9,800
1947	471	0	0	0	0	0	0	64	8,033	4,319	3,284	126	16,300
1948	230	0	0	0	0	0	0	932	3,312	4,358	3,317	79	12,200
1949	343	0	0	0	0	0	38	392	1,598	5,763	2,443	526	11,100
1950	421	0	0	0	0	0	0	123	732	7,120	2,672	140	11,200
1951	757	0	0	0	0	0	0	218	1,926	4,607	3,248	157	10,900
1952	293	0	0	0	0	0	0	167	855	3,647	2,308	116	7,400
1953	43	0	0	0	0	0	0	303	455	4,763	3,545	255	9,400
1954	75	0	0	0	0	0	0	0	2,820	5,890	1,367	1,308	11,500
1955	16	0	0	0	0	0	0	61	0	491	453	56	1,100
1956	45	0	0	0	0	0	0	57	9	2,889	0	0	3,000
1957	917	0	0	0	0	0	0	2,717	3,009	3,526	2,521	131	12,800
1958	162	0	0	0	0	0	0	140	454	4,516	2,062	964	8,300
1959	22	0	0	0	0	0	0	0	0	4,547	1,193	449	6,200
1960	103	0	0	0	0	0	0	45	0	1,792	0	552	2,500
1961	616	0	0	0	0	0	0	25	1,228	5,301	2,819	1,677	11,700
1962	1,276	0	0	0	0	0	0	105	2,889	7,761	991	1,044	14,100
1963	415	0	0	0	0	0	0	58	8,367	7,075	1,978	1,605	19,500
1964	285	0	0	0	0	0	0	1,553	6,978	1,780	1,341	0	11,900
1965	657	0	0	0	0	0	0	94	2,295	6,763	3,712	763	14,300
1966	107	0	0	0	0	0	0	0	0	4,941	760	602	6,400
1967	600	0	0	0	0	0	0	110	6,814	3,508	2,586	211	13,800
1968	1,372	0	0	0	0	0	0	504	2,428	4,138	4,507	167	13,100
1969	365	0	0	0	0	0	0	161	3,523	5,407	2,486	348	12,300
1970	677	0	0	0	0	0	0	127	4,953	4,565	2,134	959	13,400
1971	861	0	0	0	0	0	0	120	1,833	3,419	2,027	2,273	10,500
1972	1,424	0	0	0	0	0	0	157	3,417	5,685	2,520	2,110	15,300
1973	1,566	0	0	0	0	0	0	150	2,005	3,671	2,206	822	10,400
Average	460	0	0	0	0	0	10	380	2,800	5,100	2,700	710	12,200

NO ACTION ALTERNATIVE
Spanish Fork River below Spanish Fork Diversion Dam
Location #7 - Bonneville Unit Supplemental Irrigation Diversions to Power Canal
Water Year Monthly Summary
(cfs)

(7c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	0	0	0	0	0	0	5	0	23	115	46	9	16
1931	21	0	0	0	0	0	0	0	37	94	65	28	21
1932	7	0	0	0	0	0	0	0	65	0	13	17	8
1933	8	0	0	0	0	0	0	9	20	100	72	26	20
1934	6	0	0	0	0	0	0	36	161	174	89	45	43
1935	19	0	0	0	0	0	0	11	54	133	77	16	26
1936	9	0	0	0	0	0	0	2	36	142	66	18	23
1937	1	0	0	0	0	0	1	0	38	110	41	6	16
1938	1	0	0	0	0	0	0	4	0	26	51	13	8
1939	1	0	0	0	0	0	0	0	85	80	52	11	19
1940	13	0	0	0	0	0	0	4	34	140	69	26	24
1941	3	0	0	0	0	0	0	1	79	123	49	0	21
1942	4	0	0	0	0	0	0	9	22	95	62	0	16
1943	0	0	0	0	0	0	0	2	95	93	61	6	21
1944	3	0	0	0	0	0	0	30	57	62	50	3	17
1945	2	0	0	0	0	0	0	29	69	71	96	5	23
1946	0	0	0	0	0	0	0	0	15	88	57	0	13
1947	8	0	0	0	0	0	0	1	135	70	54	2	22
1948	4	0	0	0	0	0	0	15	56	71	54	1	17
1949	6	0	0	0	0	0	1	6	27	94	40	9	15
1950	7	0	0	0	0	0	0	2	12	116	44	2	15
1951	12	0	0	0	0	0	0	4	32	75	53	3	15
1952	5	0	0	0	0	0	0	3	14	59	38	2	10
1953	1	0	0	0	0	0	0	5	8	78	58	4	13
1954	1	0	0	0	0	0	0	0	47	96	22	22	16
1955	0	0	0	0	0	0	0	1	0	8	7	1	1
1956	1	0	0	0	0	0	0	1	0	47	0	0	4
1957	15	0	0	0	0	0	0	44	51	57	41	2	18
1958	3	0	0	0	0	0	0	2	8	74	34	16	11
1959	0	0	0	0	0	0	0	0	0	74	19	8	8
1960	2	0	0	0	0	0	0	1	0	29	0	9	3
1961	10	0	0	0	0	0	0	0	21	86	46	28	16
1962	21	0	0	0	0	0	0	2	49	126	16	18	19
1963	7	0	0	0	0	0	0	1	141	115	32	27	27
1964	5	0	0	0	0	0	0	25	117	29	22	0	17
1965	11	0	0	0	0	0	0	2	39	110	60	13	20
1966	2	0	0	0	0	0	0	0	0	81	12	10	9
1967	10	0	0	0	0	0	0	2	115	57	42	4	19
1968	22	0	0	0	0	0	0	8	41	67	73	3	18
1969	6	0	0	0	0	0	0	3	59	88	40	6	17
1970	11	0	0	0	0	0	0	2	83	74	35	16	18
1971	14	0	0	0	0	0	0	2	31	56	33	38	14
1972	23	0	0	0	0	0	0	3	58	93	41	36	21
1973	26	0	0	0	0	0	0	2	34	60	36	14	14
Average	8	0	0	0	0	0	0	6	47	83	45	12	17

NO ACTION ALTERNATIVE
Spanish Fork River below East Bench Diversion Dam - Total Flow
Location #8
Water Year Monthly Summary
(Acre-Feet)

(8a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	1,259	2,587	2,546	3,346	2,669	1,759	0	3	318	1,601	604	119	16,800
1931	1,479	4,154	8,668	10,409	9,866	9,499	0	107	511	8,087	9,131	4,222	66,100
1932	4,291	6,538	7,219	9,367	10,857	14,940	13,341	17,339	12,160	14,181	9,309	212	119,800
1933	992	3,355	8,656	11,969	11,696	14,326	13,831	11,967	0	8,786	1,088	266	86,900
1934	3,461	6,935	5,847	5,137	5,696	9,638	6,865	573	2,048	3,516	3,818	2,423	56,000
1935	3,192	4,775	6,581	8,212	7,871	7,284	2,747	27,588	22,449	2,264	2,812	6,675	102,500
1936	7,124	8,136	7,056	8,992	8,945	10,260	17,850	23,863	11,625	12,652	967	1,349	118,800
1937	6,077	11,285	9,125	11,924	11,870	14,334	15,787	33,743	12,827	11,790	5,712	2,761	147,200
1938	518	9,038	7,762	9,049	9,274	13,659	14,678	21,168	9,574	6,381	2,253	2,676	106,000
1939	294	16,993	11,895	10,706	9,526	12,386	10,582	14,582	11,148	3,763	2,299	4,048	108,200
1940	1,479	13,081	8,022	9,174	9,595	9,189	4,322	13,466	8,052	3,552	3,206	5,725	88,900
1941	3,867	7,068	7,025	9,541	9,827	11,778	10,220	18,599	13,420	9,760	4,076	2,816	108,000
1942	1,045	8,409	3,871	6,806	7,367	9,252	13,710	19,858	11,188	9,228	2,710	3,494	96,900
1943	484	12,634	8,627	10,729	10,099	12,662	17,306	16,455	14,573	8,938	5,158	3,768	121,400
1944	160	14,844	9,892	9,343	7,477	9,298	10,225	18,883	15,303	7,504	2,719	3,434	109,100
1945	263	7,786	6,440	7,724	10,294	10,825	10,262	15,665	4,703	1,035	1,354	112	76,500
1946	265	10,063	8,558	9,485	8,894	11,296	18,744	16,725	7,049	2,976	851	2,732	97,600
1947	320	9,711	6,807	7,737	8,104	11,290	13,316	621	1,716	923	762	37	61,300
1948	317	8,959	6,160	6,757	7,685	8,811	16,564	0	727	1,031	768	2,112	59,900
1949	982	8,863	8,569	9,677	8,247	12,764	18,757	19,910	341	1,331	592	130	90,200
1950	294	9,437	7,505	10,388	10,705	12,347	19,388	448	136	1,521	9,981	11,828	94,000
1951	1,554	10,245	10,268	10,929	2,584	2,461	621	1,001	411	984	11,211	10,838	63,100
1952	342	9,377	8,973	2,895	2,541	2,595	34,207	83,747	6,561	769	533	25	152,600
1953	308	9,116	10,143	2,742	2,565	2,442	1,678	35	27	1,117	837	54	31,100
1954	412	8,882	6,117	9,347	10,547	10,765	742	110	602	8,905	8,734	6,923	72,100
1955	1,163	8,740	7,156	8,748	8,448	11,089	10,215	17,339	10,908	4,385	1,608	3,885	93,700
1956	1,600	10,851	11,312	12,351	11,257	11,076	12,814	19,110	10,265	6,257	1,514	4,095	112,500
1957	1,560	8,754	8,648	10,754	11,806	11,517	10,234	15,036	16,894	753	11,189	10,083	117,200
1958	140	10,358	8,289	8,874	9,705	12,559	14,997	8,149	77	7,955	10,432	7,442	99,000
1959	1,262	9,314	8,062	9,056	9,435	10,199	6,902	7,217	0	7,120	3,828	4,459	76,900
1960	1,745	13,980	9,324	9,387	8,913	10,889	9,043	15,168	9,922	3,477	3,926	6,240	102,000
1961	6,577	9,112	8,364	10,057	10,143	11,429	8,566	5,669	2,669	1,232	702	358	74,900
1962	1,971	7,641	8,559	5,990	12,415	13,733	20,858	22,027	13,343	10,701	1,634	4,161	123,000
1963	8,490	6,568	8,293	7,425	10,916	11,260	13,444	18,510	13,823	9,500	463	343	109,000
1964	2,011	9,474	9,798	10,537	8,994	9,881	13,720	20,873	15,548	5,863	6,974	2,696	116,400
1965	1,246	8,445	3,920	7,246	8,983	8,730	12,495	22,141	15,892	10,696	11,345	4,268	115,400
1966	1,179	10,028	9,694	10,131	9,570	12,542	12,210	0	0	10,762	12,604	8,314	97,000
1967	389	15,929	11,882	10,776	9,414	12,003	11,593	17,575	1,516	849	9,373	12,565	113,900
1968	1,241	8,607	8,258	9,203	10,523	11,495	12,551	2,112	419	884	993	56	66,300
1969	176	9,357	2,761	2,761	2,484	2,261	11,997	13,610	752	1,255	601	14	48,000
1970	1,200	9,989	7,602	10,799	11,110	11,082	8,026	2,493	1,038	975	476	205	65,000
1971	1,248	9,961	7,787	9,460	9,406	2,409	1,211	791	271	750	483	486	44,300
1972	1,658	10,503	8,698	2,942	2,565	3,042	3,446	44	590	1,314	498	451	35,800
1973	1,323	9,825	7,150	8,805	8,991	11,075	1,188	25,343	438	804	551	176	75,700
Average	1,700	9,300	7,900	8,600	8,600	9,900	10,900	13,900	6,400	5,000	3,900	3,400	89,500

NO ACTION ALTERNATIVE
Spanish Fork River below East Bench Diversion Dam - Total Flow
Location #8
Water Year Monthly Summary
(cfs)

(8a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	21	44	41	55	48	29	0	0	5	26	10	2	23
1931	24	70	141	170	178	155	0	2	9	132	149	71	92
1932	70	110	118	153	189	243	225	282	205	231	152	4	165
1933	16	56	141	195	211	233	233	195	0	143	18	4	121
1934	56	117	95	84	103	157	116	9	34	57	62	41	78
1935	52	80	107	134	142	119	46	449	378	37	46	112	142
1936	116	137	115	146	156	167	301	389	196	206	16	23	164
1937	99	190	149	194	214	234	266	550	216	192	93	46	204
1938	8	152	126	147	167	223	247	345	161	104	37	45	147
1939	5	286	194	174	172	202	178	238	188	61	37	68	150
1940	24	220	131	149	167	150	73	219	136	58	52	96	123
1941	63	119	114	155	177	192	172	303	226	159	66	47	150
1942	17	142	63	111	133	151	231	324	188	150	44	59	134
1943	8	213	141	175	182	206	291	268	245	146	84	63	169
1944	3	250	161	152	130	151	172	308	258	122	44	58	151
1945	4	131	105	126	186	176	173	255	79	17	22	2	106
1946	4	169	139	155	160	184	316	272	119	48	14	46	136
1947	5	163	111	126	146	184	224	10	29	15	12	1	86
1948	5	151	100	110	134	144	279	0	12	17	13	36	83
1949	16	149	140	158	149	208	316	324	6	22	10	2	125
1950	5	159	122	169	193	201	326	7	2	25	163	199	131
1951	25	172	167	178	47	40	10	16	7	16	183	182	87
1952	6	158	146	47	44	42	576	1,364	110	13	9	0	210
1953	5	153	165	45	46	40	28	1	0	18	14	1	43
1954	7	150	100	152	190	175	12	2	10	145	142	117	100
1955	19	147	117	143	152	181	172	282	184	71	26	65	130
1956	26	183	184	201	196	180	216	311	173	102	25	69	156
1957	25	147	141	175	213	188	172	245	284	12	182	170	163
1958	2	174	135	145	175	205	252	133	1	130	170	125	137
1959	21	157	131	148	170	166	116	118	0	116	62	75	107
1960	28	235	152	153	155	177	152	247	167	57	64	105	141
1961	107	153	136	164	183	186	144	92	45	20	11	6	104
1962	32	129	139	98	224	224	351	359	225	174	27	70	171
1963	138	111	135	121	197	183	226	302	233	155	8	6	151
1964	33	159	160	172	157	161	231	340	262	96	114	45	161
1965	20	142	64	118	162	142	210	361	268	174	185	72	160
1966	19	169	158	165	173	204	206	0	0	175	205	140	135
1967	6	268	194	176	170	196	195	286	26	14	153	212	158
1968	20	145	135	150	183	187	211	34	7	14	16	1	92
1969	3	158	45	45	45	37	202	222	13	20	10	0	67
1970	20	168	124	176	200	181	135	41	17	16	8	3	91
1971	20	168	127	154	170	39	20	13	5	12	8	8	62
1972	27	177	142	48	45	50	58	1	10	21	8	8	49
1973	22	165	116	143	162	180	20	413	7	13	9	3	105
Average	28	157	129	140	154	161	184	226	108	81	63	57	124

NO ACTION ALTERNATIVE
Spanish Fork River below East Bench Diversion Dam
Location #7 - Non-Bonneville Unit Diversions to East Bench Canal
Water Year Monthly Summary
(Acre-Feet)

(8b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	140	0	0	0	0	0	1,700	3,500	3,650	2,360	2,350	1,070	14,800
1931	0	0	0	0	0	0	350	2,640	2,980	2,270	1,140	710	10,100
1932	290	0	0	0	0	0	1,500	4,300	3,400	3,880	2,180	1,090	16,600
1933	310	0	0	0	0	0	470	3,300	4,900	3,070	1,770	870	14,700
1934	290	0	0	0	0	0	690	1,380	900	540	590	570	5,000
1935	130	0	0	0	0	0	1,700	2,600	4,200	2,370	1,680	740	13,400
1936	260	0	0	0	0	0	720	4,770	3,700	1,690	1,860	1,230	14,200
1937	540	0	0	0	0	0	0	4,500	3,700	2,500	2,070	1,250	14,600
1938	470	0	0	0	0	0	490	2,500	4,900	3,810	1,560	890	14,600
1939	600	0	0	0	0	0	1,000	2,800	2,740	2,280	1,480	740	11,600
1940	240	0	0	0	0	0	470	3,570	3,310	1,380	1,080	380	10,400
1941	470	0	0	0	0	0	0	3,900	3,300	2,030	1,630	1,330	12,700
1942	500	0	0	0	0	0	0	2,400	4,000	2,750	1,810	1,310	12,800
1943	570	0	0	0	0	0	1,700	2,790	2,760	2,970	1,980	1,210	14,000
1944	550	0	0	0	0	0	0	1,200	3,440	3,810	1,880	1,260	12,100
1945	480	0	0	0	0	0	0	1,350	3,000	3,550	1,470	1,380	11,200
1946	580	0	0	0	0	0	160	3,100	3,800	2,550	1,340	1,350	12,900
1947	240	0	0	0	0	0	390	4,430	1,530	3,670	2,520	1,340	14,100
1948	410	0	0	0	0	0	0	4,200	3,000	3,100	1,820	1,360	13,900
1949	320	0	0	0	0	0	1,210	3,000	3,800	2,780	2,520	1,690	15,300
1950	240	0	0	0	0	0	390	2,630	4,200	2,130	2,470	1,510	13,600
1951	500	0	0	0	0	0	1,010	2,510	3,700	3,290	2,300	1,540	14,900
1952	290	0	0	0	0	0	0	2,300	4,800	4,100	2,710	2,000	16,200
1953	1,430	0	0	0	0	0	0	2,100	3,600	2,850	2,460	1,860	14,300
1954	580	0	0	0	0	0	870	2,500	3,260	2,370	2,550	760	12,900
1955	580	0	0	0	0	0	0	2,720	3,800	3,900	2,160	1,740	14,900
1956	540	0	0	0	0	0	1,400	2,800	3,700	2,370	2,480	1,290	14,600
1957	380	0	0	0	0	0	0	1,600	3,660	3,590	2,460	1,870	13,600
1958	390	0	0	0	0	0	0	4,220	4,100	2,950	2,600	1,230	15,500
1959	560	0	0	0	0	0	410	2,260	3,590	1,760	1,610	770	11,000
1960	470	0	0	0	0	0	1,200	2,170	3,670	3,760	2,190	710	14,200
1961	340	0	0	0	0	0	1,100	2,280	3,380	1,150	820	340	9,400
1962	0	0	0	0	0	0	80	4,600	2,480	2,160	2,050	490	11,900
1963	140	0	0	0	0	1,300	630	2,500	1,670	1,960	2,010	400	10,600
1964	160	0	0	0	0	0	0	1,900	1,800	4,050	2,250	1,360	11,500
1965	50	0	0	0	0	0	0	4,000	3,410	2,600	2,030	1,080	13,200
1966	420	0	0	0	0	0	1,900	2,840	3,670	1,990	2,080	620	13,500
1967	70	0	0	0	0	0	280	3,400	1,730	3,700	2,720	1,750	13,700
1968	0	0	0	0	0	0	0	2,000	4,600	3,600	1,700	1,810	13,700
1969	180	0	0	0	0	0	40	5,200	2,990	3,200	3,410	1,520	16,500
1970	260	0	0	0	0	0	0	3,200	2,680	3,390	3,190	1,020	13,700
1971	130	0	0	0	0	0	580	3,800	3,600	4,000	3,630	740	16,500
1972	20	0	0	0	0	0	360	4,800	3,500	3,210	1,710	380	14,000
1973	0	0	0	0	0	0	0	3,000	3,600	4,500	3,130	1,190	15,400
Average	340	0	0	0	0	30	520	3,000	3,400	2,900	2,100	1,100	13,400

NO ACTION ALTERNATIVE
Spanish Fork River below East Bench Diversion Dam
Location #7 - Non-Bonneville Unit Diversions to East Bench Canal
Water Year Monthly Summary
(cfs)

(8b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	2	0	0	0	0	0	29	57	61	38	38	18	20
1931	0	0	0	0	0	0	6	43	50	37	19	12	14
1932	5	0	0	0	0	0	25	70	57	63	36	18	23
1933	5	0	0	0	0	0	8	54	82	50	29	15	20
1934	5	0	0	0	0	0	12	22	15	9	10	10	7
1935	2	0	0	0	0	0	29	42	71	39	27	12	19
1936	4	0	0	0	0	0	12	78	62	28	30	21	20
1937	9	0	0	0	0	0	0	73	62	41	34	21	20
1938	8	0	0	0	0	0	8	41	82	62	25	15	20
1939	10	0	0	0	0	0	17	46	46	37	24	12	16
1940	4	0	0	0	0	0	8	58	56	22	18	6	14
1941	8	0	0	0	0	0	0	64	56	33	27	22	17
1942	8	0	0	0	0	0	0	39	67	45	29	22	18
1943	9	0	0	0	0	0	29	45	46	48	32	20	19
1944	9	0	0	0	0	0	0	20	58	62	31	21	17
1945	8	0	0	0	0	0	0	22	51	58	24	23	15
1946	9	0	0	0	0	0	0	3	51	64	42	22	18
1947	4	0	0	0	0	0	0	7	72	26	60	41	23
1948	7	0	0	0	0	0	0	0	68	51	51	30	19
1949	5	0	0	0	0	0	20	49	64	45	41	28	21
1950	4	0	0	0	0	0	0	7	43	71	35	40	19
1951	8	0	0	0	0	0	0	17	41	62	54	37	20
1952	5	0	0	0	0	0	0	0	37	81	67	44	34
1953	23	0	0	0	0	0	0	0	34	61	46	40	31
1954	9	0	0	0	0	0	0	15	41	55	39	42	13
1955	9	0	0	0	0	0	0	0	44	64	64	35	29
1956	9	0	0	0	0	0	0	24	46	62	39	40	22
1957	6	0	0	0	0	0	0	0	26	62	58	40	31
1958	6	0	0	0	0	0	0	0	69	69	48	42	21
1959	9	0	0	0	0	0	0	7	37	60	29	26	13
1960	8	0	0	0	0	0	0	20	35	62	61	36	15
1961	6	0	0	0	0	0	0	19	37	57	19	13	6
1962	0	0	0	0	0	0	0	1	75	42	35	33	16
1963	2	0	0	0	0	0	21	11	41	28	32	33	7
1964	3	0	0	0	0	0	0	0	31	30	66	37	16
1965	1	0	0	0	0	0	0	0	65	57	42	33	18
1966	7	0	0	0	0	0	0	32	46	62	32	34	19
1967	1	0	0	0	0	0	0	5	55	29	60	44	29
1968	0	0	0	0	0	0	0	0	33	77	59	28	19
1969	3	0	0	0	0	0	0	1	85	50	52	56	23
1970	4	0	0	0	0	0	0	0	52	45	55	52	17
1971	2	0	0	0	0	0	0	10	62	61	65	59	12
1972	0	0	0	0	0	0	0	6	78	59	52	28	19
1973	0	0	0	0	0	0	0	0	49	61	73	51	21
Average	6	0	0	0	0	0	9	49	57	47	34	19	18

NO ACTION ALTERNATIVE
Spanish Fork River below East Bench Diversion Dam
Location #8 - Bonneville Unit Diversions to East Bench Canal
Water Year Monthly Summary
(Acre-Feet)

NO ACTION ALTERNATIVE
Spanish Fork River below East Bench Diversion Dam
Location #8 - Bonneville Unit Diversions to East Bench Canal
Water Year Monthly Summary
(cfs)

8c

NO ACTION ALTERNATIVE
Spanish Fork River below Mill Race Diversion Dam - Total Flow
Location #9
Water Year Monthly Summary
(Acre-Feet)

(9a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	6,460	8,307	9,096	7,746	8,929	13,784	16,184	4,018	2,676	1,281	683	1,423	80,600
1931	6,996	9,154	14,268	14,809	15,066	18,249	9,336	1,241	2,200	8,288	8,897	4,386	112,900
1932	5,140	10,038	12,319	12,767	16,057	19,540	21,586	17,338	13,557	14,181	9,958	515	153,000
1933	2,570	7,655	13,356	15,477	14,603	19,064	14,449	12,620	2,359	10,884	2,379	1,730	117,100
1934	5,669	10,172	9,263	8,390	9,096	13,343	7,101	1,346	1,907	3,118	3,935	2,534	75,900
1935	4,133	7,355	9,336	11,002	11,037	10,794	4,145	30,011	24,370	3,143	2,927	7,291	125,500
1936	7,769	11,079	9,816	11,915	12,100	16,015	38,191	29,370	12,197	13,905	1,074	1,662	165,100
1937	7,890	14,984	12,628	15,544	16,837	24,789	35,043	37,909	15,449	12,532	6,117	3,307	203,000
1938	2,860	13,364	11,947	13,175	13,477	23,154	28,316	34,132	9,888	6,812	3,079	3,172	163,400
1939	2,063	21,033	16,475	14,970	13,148	24,087	17,247	15,066	11,154	4,011	2,504	4,709	146,500
1940	3,650	16,576	11,447	12,933	14,094	16,606	14,848	18,492	9,195	3,147	3,473	6,414	130,900
1941	6,266	10,920	10,837	13,317	14,369	17,119	16,032	25,897	14,651	10,296	4,700	3,464	147,900
1942	3,868	12,838	8,214	10,997	11,348	17,489	34,538	32,127	12,357	9,824	3,044	3,983	160,600
1943	2,751	17,535	13,560	15,460	16,257	20,130	22,413	17,569	15,653	9,352	5,433	4,218	160,300
1944	2,427	18,724	13,770	12,804	11,624	15,354	20,935	39,464	17,852	8,047	3,257	4,013	168,300
1945	2,601	12,532	10,525	11,897	15,917	16,888	18,481	34,029	7,586	1,629	1,757	753	134,600
1946	3,176	14,702	13,025	14,039	13,914	18,957	37,616	20,572	8,039	3,008	1,180	3,438	151,700
1947	3,757	14,517	11,484	11,627	12,991	21,124	23,937	5,263	3,020	1,470	1,320	1,010	111,500
1948	2,519	12,857	9,883	10,317	12,320	15,162	27,894	8,939	568	724	1,273	2,740	105,200
1949	3,000	12,729	12,377	13,640	12,339	19,754	29,352	31,709	1,596	1,442	1,559	778	140,300
1950	3,569	13,763	11,401	14,908	15,874	19,510	30,674	10,009	1,209	2,395	11,271	12,746	147,300
1951	3,600	15,331	15,477	15,057	7,558	8,313	7,876	5,374	1,670	1,692	11,753	11,553	105,300
1952	2,396	13,396	12,890	7,485	7,196	9,220	63,907	99,813	11,810	2,221	1,051	849	232,200
1953	1,120	16,876	18,208	10,791	8,787	10,594	9,600	2,229	392	1,809	1,639	816	82,900
1954	2,736	13,511	10,542	13,849	15,254	16,046	6,857	218	1,421	8,970	9,619	7,338	106,400
1955	2,192	12,253	10,635	11,924	11,596	17,571	18,176	20,625	11,596	5,507	2,582	3,896	128,600
1956	2,406	14,318	15,910	17,064	14,926	17,366	16,973	19,103	11,422	6,884	2,718	4,095	143,200
1957	3,508	11,870	12,208	14,191	17,278	18,100	19,833	34,530	24,913	2,195	11,968	10,657	181,300
1958	2,968	14,732	12,849	13,380	15,064	20,628	31,165	19,669	201	8,787	11,298	7,934	158,700
1959	3,189	13,779	12,620	13,693	13,906	15,340	8,903	7,217	977	7,407	4,352	4,671	106,100
1960	3,516	16,656	12,014	12,442	12,204	16,491	12,958	15,162	9,922	3,253	3,926	6,610	125,200
1961	8,371	11,942	10,853	12,846	12,944	14,987	9,260	5,666	2,516	938	665	615	91,600
1962	4,319	10,180	11,074	9,047	19,754	19,743	41,299	25,895	13,854	10,363	2,387	4,523	172,400
1963	11,654	10,190	11,355	10,694	15,065	12,814	13,518	19,679	14,398	11,005	1,262	870	132,500
1964	4,507	12,646	13,007	13,568	11,402	13,042	21,231	33,974	17,962	7,094	7,644	2,896	159,000
1965	4,504	11,575	7,689	11,645	13,234	14,396	25,653	30,470	19,525	11,663	12,123	5,717	168,200
1966	4,231	14,305	13,814	14,122	14,122	21,605	15,969	808	1,479	10,801	13,539	8,651	133,400
1967	3,633	19,208	15,157	14,670	13,060	19,570	17,500	19,648	7,571	824	10,205	13,184	154,200
1968	5,758	12,689	12,171	13,051	15,353	17,906	23,002	17,452	3,336	3,578	2,653	2,929	129,900
1969	5,385	14,272	7,349	8,658	7,278	11,189	39,825	15,466	5,874	2,578	3,626	2,717	124,200
1970	6,364	14,111	12,462	16,142	16,404	16,963	12,743	8,771	4,506	1,060	1,531	2,598	113,700
1971	6,416	15,130	12,139	14,667	15,194	11,551	14,617	12,726	53	1,131	1,639	1,246	106,500
1972	6,845	15,795	13,732	7,962	8,089	12,854	9,417	1,811	163	1,379	1,674	300	80,000
1973	5,709	14,316	11,323	12,766	12,988	17,289	17,560	40,547	1,411	526	963	1,846	137,200
Average	4,400	13,400	12,100	12,700	13,200	16,700	21,000	20,100	8,100	5,500	4,600	4,100	135,800

NO ACTION ALTERNATIVE
Spanish Fork River below Mill Race Diversion Dam - Total Flow
Location #9
Water Year Monthly Summary
(cfs)

(9a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	105	140	148	126	161	225	272	65	45	21	11	24	112
1931	114	154	232	241	272	297	157	20	37	135	145	74	157
1932	84	169	201	208	280	318	363	282	228	231	162	9	211
1933	42	129	218	252	263	311	243	206	40	177	39	29	162
1934	92	171	151	137	164	217	120	22	32	51	64	43	105
1935	67	124	152	179	199	176	70	489	410	51	48	123	174
1936	127	187	160	194	211	261	643	478	205	227	18	28	228
1937	129	252	206	253	304	404	590	618	260	204	100	56	281
1938	47	225	195	215	243	377	477	556	166	111	50	53	226
1939	34	354	268	244	237	392	290	245	188	65	41	79	203
1940	59	279	186	211	245	271	250	301	155	51	57	108	181
1941	102	184	177	217	259	279	270	422	247	168	77	58	205
1942	63	216	134	179	205	285	581	523	208	160	50	67	223
1943	45	295	221	252	293	328	377	286	264	152	89	71	223
1944	40	315	224	209	202	250	352	643	301	131	53	68	232
1945	42	211	171	194	287	275	311	554	128	27	29	13	187
1946	52	248	212	229	251	309	633	335	135	49	19	58	211
1947	61	244	187	189	234	344	403	86	51	24	22	17	155
1948	41	216	161	168	215	247	470	146	10	12	21	46	146
1949	49	214	202	222	223	322	494	517	27	24	25	13	194
1950	58	232	186	243	286	318	516	163	20	39	184	215	205
1951	59	258	252	245	136	135	133	88	28	28	191	194	146
1952	39	226	210	122	125	150	1,076	1,626	199	36	17	14	320
1953	18	284	297	176	158	173	162	36	7	29	27	14	115
1954	45	227	172	226	275	261	115	4	24	146	157	124	148
1955	36	206	173	194	209	286	306	336	195	90	42	66	178
1956	39	241	259	278	260	283	286	311	192	112	44	69	198
1957	57	200	199	231	312	295	334	563	419	36	195	179	252
1958	48	248	209	218	272	336	525	320	3	143	184	134	220
1959	52	232	206	223	251	250	150	118	16	121	71	79	147
1960	57	280	196	203	213	269	218	247	167	53	64	111	173
1961	136	201	177	209	233	244	156	92	42	15	11	10	127
1962	70	171	180	147	356	322	695	422	233	169	39	76	240
1963	190	172	185	174	272	209	228	321	242	179	21	15	184
1964	73	213	212	221	199	212	357	554	302	116	125	49	219
1965	73	195	125	190	239	235	432	496	329	190	198	96	233
1966	69	241	225	230	255	352	269	13	25	176	221	146	185
1967	59	323	247	239	236	319	295	320	127	13	166	222	214
1968	94	214	198	213	267	292	387	284	56	58	43	49	180
1969	88	240	120	141	131	182	670	252	99	42	59	46	173
1970	104	238	203	263	296	276	215	143	76	17	25	44	158
1971	105	255	198	239	274	188	246	207	1	18	27	21	148
1972	112	266	224	130	141	209	159	30	3	22	27	5	111
1973	93	241	184	208	234	282	296	661	24	9	16	31	190
Average	72	226	196	206	236	272	354	327	136	89	74	69	188

NO ACTION ALTERNATIVE
Spanish Fork River - Flow Gains above Mill Race Diversion
Location #9
Water Year Monthly Summary
(Acre-Feet)

(9b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	5,224	5,720	6,550	4,400	6,260	12,025	17,396	7,374	6,027	3,328	3,391	3,864	81,600
1931	5,680	5,000	5,600	4,400	5,200	8,750	10,149	4,165	4,942	3,324	1,974	1,968	61,200
1932	1,635	3,500	5,100	3,400	5,200	4,600	9,502	2,355	5,078	0	3,761	1,954	46,100
1933	2,743	4,300	4,700	3,508	2,907	4,738	1,650	3,710	7,125	6,516	4,227	3,532	49,700
1934	2,892	3,237	3,416	3,253	3,400	3,705	1,843	3,077	2,449	2,227	1,980	1,537	33,000
1935	1,085	2,580	2,755	2,790	3,166	3,510	2,108	5,456	6,515	4,400	2,566	2,427	39,400
1936	2,172	2,943	2,760	2,923	3,155	5,755	21,330	10,895	5,022	5,534	2,995	2,523	68,000
1937	2,997	3,699	3,503	3,620	4,967	10,455	19,261	8,869	6,534	4,798	2,471	2,585	73,800
1938	3,296	4,326	4,185	4,126	4,203	9,495	14,704	16,524	5,140	3,260	3,577	2,445	75,300
1939	2,820	4,040	4,580	4,264	3,622	11,701	8,634	3,873	3,055	3,200	1,835	2,125	53,700
1940	3,109	3,495	3,425	3,759	4,499	7,417	10,835	8,966	3,855	2,843	2,558	2,569	57,300
1941	3,279	3,852	3,812	3,776	4,542	5,341	5,812	10,739	5,111	4,571	3,530	2,048	56,400
1942	3,729	4,429	4,343	4,191	3,981	8,237	20,828	14,327	5,676	4,992	3,440	2,129	80,300
1943	3,194	4,901	4,933	4,731	6,158	7,468	6,774	4,470	4,690	3,720	3,046	2,383	56,500
1944	3,235	3,880	3,878	3,461	4,147	6,056	10,710	21,458	6,137	4,497	2,692	2,265	72,400
1945	3,316	4,746	4,085	4,173	5,623	6,063	8,219	19,330	6,455	4,032	3,254	2,660	72,000
1946	3,759	4,639	4,467	4,554	5,020	7,661	18,872	7,456	3,914	4,471	2,659	2,315	69,800
1947	4,201	4,806	4,677	3,890	4,887	9,834	10,621	8,450	5,164	3,365	2,607	2,765	65,300
1948	3,115	3,898	3,723	3,560	4,635	6,351	11,330	12,769	3,896	1,655	1,545	1,621	58,100
1949	2,998	3,866	3,808	3,963	4,092	6,990	11,274	15,099	5,632	3,530	3,298	2,778	67,300
1950	4,062	4,326	3,896	4,520	5,169	7,163	11,828	13,267	5,834	5,476	3,570	3,181	72,300
1951	3,058	5,086	5,209	4,128	4,974	5,852	8,617	7,799	5,802	4,310	3,116	2,717	60,700
1952	3,149	4,019	3,917	4,590	4,655	6,625	29,700	19,117	9,555	6,386	4,376	4,032	100,100
1953	3,486	7,760	8,065	8,049	6,222	8,152	7,922	5,540	4,403	4,128	3,770	2,586	70,100
1954	3,487	4,629	4,425	4,502	4,707	5,281	6,627	2,027	2,657	3,221	2,807	2,400	46,800
1955	2,019	3,513	3,479	3,176	3,148	6,482	8,310	7,133	2,404	4,438	3,638	786	48,500
1956	1,720	3,467	4,598	4,713	3,669	6,290	6,123	4,117	2,058	3,772	2,449	210	43,200
1957	2,976	3,116	3,560	3,437	5,472	6,583	9,599	21,816	11,534	5,900	3,422	2,445	79,900
1958	4,078	4,374	4,560	4,506	5,359	8,069	16,168	15,195	3,873	4,627	4,579	2,721	78,100
1959	3,089	4,465	4,558	4,637	4,471	5,141	3,282	431	2,891	3,138	2,802	1,665	40,600
1960	2,208	2,676	2,690	3,055	3,291	5,602	4,928	60	0	0	281	1,405	26,200
1961	2,500	2,830	2,489	2,789	2,801	3,558	1,454	0	31	1,294	1,646	1,742	23,100
1962	2,508	2,539	2,515	3,057	7,339	6,010	20,731	7,163	4,317	3,606	3,318	2,218	65,300
1963	3,588	3,622	3,062	3,269	4,149	1,554	1,783	4,483	4,246	5,089	3,525	2,462	40,800
1964	3,031	3,172	3,209	3,031	2,408	3,161	7,511	14,208	6,189	5,253	2,661	849	54,700
1965	3,450	3,130	3,769	4,399	4,251	5,666	13,158	12,074	8,065	5,062	4,129	3,221	70,400
1966	3,544	4,277	4,120	3,991	4,552	9,063	4,962	4,092	2,607	3,260	3,903	2,276	50,600
1967	3,790	3,279	3,275	3,894	3,646	7,567	6,206	5,202	10,022	4,406	3,947	2,708	57,900
1968	4,688	4,082	3,913	3,848	4,830	6,411	10,451	17,635	6,552	7,089	4,986	5,140	79,600
1969	5,635	4,915	4,588	5,897	4,794	8,928	28,330	6,749	9,328	5,789	7,086	5,225	97,300
1970	5,555	4,122	4,860	5,343	5,294	5,881	5,240	9,764	7,200	4,044	4,962	4,487	66,800
1971	5,475	5,169	4,352	5,207	5,788	9,142	14,519	15,207	3,047	2,883	3,186	3,126	77,100
1972	5,455	5,292	5,034	5,020	5,524	9,812	6,643	5,469	2,555	2,220	3,436	2,106	58,600
1973	4,581	4,491	4,173	3,961	3,997	6,214	16,372	18,061	5,632	3,556	2,998	4,762	78,800
Average	3,400	4,100	4,200	4,100	4,500	6,800	10,700	9,200	5,100	3,900	3,200	2,600	61,900

NO ACTION ALTERNATIVE
Spanish Fork River - Flow Gains above Mill Race Diversion
Location #9
Water Year Monthly Summary
(cfs)

(9b)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	85	96	107	72	113	196	293	120	101	54	55	65	113
1931	93	84	91	72	94	143	171	68	83	54	32	33	85
1932	27	59	83	55	91	75	160	38	85	0	61	33	64
1933	45	72	77	57	52	77	28	60	120	106	69	59	69
1934	47	54	56	53	61	60	31	50	41	36	32	26	46
1935	18	43	45	45	57	57	35	89	110	72	42	41	55
1936	35	50	45	48	55	94	359	177	85	90	49	42	94
1937	49	62	57	59	90	170	324	144	110	78	40	44	102
1938	54	73	68	67	76	155	248	269	87	53	58	41	104
1939	46	68	75	69	65	191	145	63	51	52	30	36	74
1940	51	59	56	61	78	121	182	146	65	46	42	43	79
1941	53	65	62	62	82	87	98	175	86	74	58	34	78
1942	61	75	71	68	72	134	351	233	96	81	56	36	111
1943	52	83	80	77	111	122	114	73	79	61	50	40	78
1944	53	65	63	56	72	99	180	350	103	73	44	38	100
1945	54	80	67	68	101	99	138	315	109	66	53	45	100
1946	61	78	73	74	91	125	318	121	66	73	43	39	97
1947	68	81	76	63	88	160	179	138	87	55	42	47	90
1948	51	66	61	58	81	103	191	208	66	27	25	27	80
1949	49	65	62	65	74	114	190	246	95	58	54	47	93
1950	66	73	63	74	93	117	199	216	98	89	58	54	100
1951	50	86	85	67	90	95	145	127	98	70	51	46	84
1952	51	68	64	75	81	108	500	311	161	104	71	68	139
1953	57	131	131	131	112	133	133	90	74	67	61	44	97
1954	57	78	72	73	85	86	112	33	45	52	46	40	65
1955	33	59	57	52	57	106	140	116	40	72	59	13	67
1956	28	58	75	77	64	102	103	67	35	61	40	4	60
1957	48	52	58	56	99	107	162	355	194	96	56	41	110
1958	66	74	74	73	97	131	272	248	65	75	75	46	108
1959	50	75	74	76	81	84	55	7	49	51	46	28	56
1960	36	45	44	50	57	91	83	1	0	0	5	24	36
1961	41	48	41	45	51	58	24	0	1	21	27	29	32
1962	41	43	41	50	132	98	349	117	73	59	54	37	91
1963	58	61	50	53	75	25	30	73	71	83	57	41	57
1964	49	53	52	49	42	51	126	231	104	86	43	14	75
1965	56	53	61	72	77	92	222	197	136	82	67	54	97
1966	58	72	67	65	82	148	84	67	44	53	64	38	70
1967	62	55	53	63	66	123	104	85	169	72	64	46	80
1968	76	69	64	63	84	104	176	287	110	115	81	87	110
1969	92	83	75	96	86	145	477	110	157	94	115	88	135
1970	91	69	79	87	95	96	88	159	121	66	81	76	92
1971	89	87	71	85	104	149	244	248	51	47	52	53	107
1972	89	89	82	82	96	160	112	89	43	36	56	35	81
1973	75	76	68	65	72	101	276	294	95	58	49	80	109
Average	56	69	68	67	81	111	181	150	85	64	53	43	86

* Released directly from Strawberry Reservoir

NO ACTION ALTERNATIVE
Spanish Fork River below Mill Race Diversion
Location #9 - Non-Bonneville Unit Diversions to Mill Race Canal
Water Year Monthly Summary
(Acre-Feet)

(9c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	19	0	0	0	0	0	1,179	3,358	3,500	2,770	2,959	2,491	16,300
1931	0	0	0	0	0	0	811	3,027	2,977	2,404	1,707	1,593	12,500
1932	729	0	0	0	0	0	1,258	2,355	3,202	0	3,016	1,527	12,100
1933	1,103	0	0	0	0	0	1,032	2,987	4,619	3,648	2,382	1,871	17,600
1934	640	0	0	0	0	0	1,608	2,028	1,391	1,287	1,181	1,093	9,200
1935	0	0	0	0	0	0	710	2,952	4,191	2,503	1,863	1,692	13,900
1936	1,455	0	0	0	0	0	989	5,375	4,182	3,195	2,380	2,074	19,700
1937	1,173	0	0	0	0	0	0	4,702	3,632	3,213	1,752	1,993	16,500
1938	946	0	0	0	0	0	1,066	3,532	4,826	2,632	2,357	1,849	17,200
1939	1,046	0	0	0	0	0	1,969	3,388	2,415	2,337	1,230	1,380	13,800
1940	840	0	0	0	0	0	309	3,912	2,462	2,177	1,760	1,690	13,200
1941	854	0	0	0	0	0	0	3,431	3,293	3,095	2,530	1,400	14,600
1942	879	0	0	0	0	0	0	1,990	4,342	3,668	2,630	1,640	15,200
1943	927	0	0	0	0	0	1,667	3,342	2,903	2,594	2,299	1,888	15,600
1944	944	0	0	0	0	0	0	649	3,166	3,482	1,771	1,663	11,700
1945	960	0	0	0	0	0	0	745	3,060	2,890	2,118	1,984	11,800
1946	846	0	0	0	0	0	0	3,609	2,813	3,764	1,890	1,607	14,500
1947	706	0	0	0	0	0	0	3,800	2,855	2,278	1,638	1,776	13,100
1948	885	0	0	0	0	0	0	3,714	3,641	1,418	626	983	11,300
1949	937	0	0	0	0	0	674	3,251	4,177	2,698	2,026	2,065	15,800
1950	735	0	0	0	0	0	542	3,691	4,670	3,711	1,945	2,245	17,500
1951	917	0	0	0	0	0	1,362	3,399	4,303	3,026	2,169	1,982	17,200
1952	1,057	0	0	0	0	0	0	3,030	4,199	4,478	3,569	3,193	19,500
1953	2,669	0	0	0	0	0	0	3,308	3,981	2,842	2,524	1,792	17,100
1954	1,154	0	0	0	0	0	512	1,919	1,486	2,420	1,751	1,822	11,100
1955	988	0	0	0	0	0	349	3,840	1,717	3,254	2,607	767	13,500
1956	908	0	0	0	0	0	1,964	4,117	900	2,784	1,245	210	12,100
1957	913	0	0	0	0	0	0	1,983	3,139	4,017	2,329	1,855	14,200
1958	1,229	0	0	0	0	0	0	3,657	3,693	3,230	3,455	2,108	17,400
1959	1,159	0	0	0	0	0	1,281	431	1,913	2,284	2,128	1,398	10,600
1960	424	0	0	0	0	0	1,013	60	0	0	281	965	2,700
1961	628	0	0	0	0	0	760	0	31	926	1,331	1,275	5,000
1962	0	0	0	0	0	0	290	3,282	3,445	2,975	2,441	1,726	14,200
1963	372	0	0	0	0	0	1,709	3,307	2,625	2,701	2,478	1,734	14,900
1964	499	0	0	0	0	0	0	913	2,903	3,800	1,823	649	10,600
1965	110	0	0	0	0	0	0	3,733	4,145	3,250	2,887	1,676	15,800
1966	478	0	0	0	0	0	1,203	3,284	1,128	2,604	2,873	1,863	13,400
1967	471	0	0	0	0	0	299	3,115	3,115	3,993	2,792	2,063	15,800
1968	0	0	0	0	0	0	0	2,232	3,331	3,877	2,763	2,246	14,400
1969	380	0	0	0	0	0	502	4,873	3,766	3,790	3,750	2,479	19,500
1970	306	0	0	0	0	0	523	3,470	3,113	3,388	3,640	1,974	16,400
1971	199	0	0	0	0	0	1,113	3,257	3,036	2,075	1,777	2,081	13,500
1972	90	0	0	0	0	0	672	3,682	2,555	1,445	1,945	1,993	12,400
1973	0	0	0	0	0	0	0	2,838	4,409	3,375	2,310	2,989	15,900
Average	720	0	0	0	0	0	620	2,900	3,100	2,800	2,200	1,800	14,100

NO ACTION ALTERNATIVE
Spanish Fork River below Mill Race Diversion
Location #9 - Non-Bonneville Unit Diversions to Mill Race Canal
Water Year Monthly Summary
(cfs)

(9c)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	0	0	0	0	0	0	20	55	59	45	48	42	22
1931	0	0	0	0	0	0	14	49	50	39	28	27	17
1932	12	0	0	0	0	0	21	38	54	0	49	26	17
1933	18	0	0	0	0	0	17	49	78	59	39	31	24
1934	10	0	0	0	0	0	27	33	23	21	19	18	13
1935	0	0	0	0	0	0	12	48	71	41	30	28	19
1936	24	0	0	0	0	0	17	88	70	52	39	35	27
1937	19	0	0	0	0	0	0	77	61	52	29	34	23
1938	15	0	0	0	0	0	18	58	81	43	38	31	24
1939	17	0	0	0	0	0	33	55	41	38	20	23	19
1940	14	0	0	0	0	0	5	64	41	35	29	28	18
1941	14	0	0	0	0	0	0	56	55	50	41	24	20
1942	14	0	0	0	0	0	0	32	73	60	43	28	21
1943	15	0	0	0	0	0	28	54	49	42	37	32	21
1944	15	0	0	0	0	0	0	11	53	57	29	28	16
1945	16	0	0	0	0	0	0	12	52	47	34	33	16
1946	14	0	0	0	0	0	0	59	47	61	31	27	20
1947	11	0	0	0	0	0	0	62	48	37	27	30	18
1948	14	0	0	0	0	0	0	61	61	23	10	17	16
1949	15	0	0	0	0	0	11	53	70	44	33	35	22
1950	12	0	0	0	0	0	0	9	60	79	60	32	38
1951	15	0	0	0	0	0	23	55	72	49	35	33	24
1952	17	0	0	0	0	0	0	49	71	73	58	54	27
1953	43	0	0	0	0	0	0	54	67	46	41	30	23
1954	19	0	0	0	0	0	0	9	31	25	39	29	31
1955	16	0	0	0	0	0	0	6	63	29	53	42	13
1956	15	0	0	0	0	0	0	33	67	15	45	20	4
1957	15	0	0	0	0	0	0	32	53	65	38	31	20
1958	20	0	0	0	0	0	0	60	62	53	56	35	24
1959	19	0	0	0	0	0	22	7	32	37	35	24	15
1960	7	0	0	0	0	0	17	1	0	0	5	16	4
1961	10	0	0	0	0	0	13	0	1	15	22	21	7
1962	0	0	0	0	0	0	5	53	58	48	40	29	19
1963	6	0	0	0	0	0	29	54	44	44	40	29	21
1964	8	0	0	0	0	0	0	15	49	62	30	11	15
1965	2	0	0	0	0	0	0	61	70	53	47	28	22
1966	8	0	0	0	0	0	20	54	19	42	47	31	18
1967	8	0	0	0	0	0	5	51	52	65	45	35	22
1968	0	0	0	0	0	0	0	36	56	63	45	38	20
1969	6	0	0	0	0	0	8	79	63	62	61	42	27
1970	5	0	0	0	0	0	9	57	52	55	59	33	23
1971	3	0	0	0	0	0	19	53	51	34	29	35	19
1972	1	0	0	0	0	0	11	60	43	24	32	34	17
1973	0	0	0	0	0	0	0	46	74	55	38	50	22
Average	12	0	0	0	0	0	10	48	52	45	36	30	19

NO ACTION ALTERNATIVE
Spanish Fork River below Mill Race Diversion
Location #9 - Bonneville Unit Supplemental Diversions to Mill Race Canal
Water Year Monthly Summary
(Acre-Feet)

(9d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	3	0	0	0	0	0	34	2	168	879	354	70	1,500
1931	164	0	0	0	0	0	2	4	276	719	501	211	1,900
1932	57	0	0	0	0	0	0	1	479	0	96	124	760
1933	62	0	0	0	0	0	0	70	147	770	555	196	1,800
1934	44	0	0	0	0	0	0	277	1,198	1,337	682	333	3,900
1935	144	0	0	0	0	0	0	81	403	1,018	587	120	2,400
1936	73	0	0	0	0	0	0	13	268	1,086	508	135	2,100
1937	11	0	0	0	0	0	5	1	280	842	314	46	1,500
1938	9	0	0	0	0	0	0	28	0	198	393	100	730
1939	5	0	0	0	0	0	0	1	634	614	400	84	1,700
1940	99	0	0	0	0	0	0	27	250	1,071	531	190	2,200
1941	25	0	0	0	0	0	0	9	587	941	376	0	1,900
1942	27	0	0	0	0	0	0	68	165	728	476	0	1,500
1943	0	0	0	0	0	0	0	15	707	713	472	45	2,000
1944	24	0	0	0	0	0	0	228	421	472	383	22	1,600
1945	19	0	0	0	0	0	0	221	513	547	734	37	2,100
1946	2	0	0	0	0	0	0	1	111	675	439	2	1,200
1947	59	0	0	0	0	0	0	8	1,004	540	411	16	2,000
1948	29	0	0	0	0	0	0	117	414	545	415	10	1,500
1949	43	0	0	0	0	0	5	49	200	720	305	66	1,400
1950	53	0	0	0	0	0	0	15	91	890	334	18	1,400
1951	95	0	0	0	0	0	0	27	241	576	406	20	1,400
1952	37	0	0	0	0	0	0	21	107	456	289	15	920
1953	5	0	0	0	0	0	0	38	57	595	443	32	1,200
1954	9	0	0	0	0	0	0	0	353	736	171	163	1,400
1955	2	0	0	0	0	0	0	8	0	61	57	7	130
1956	6	0	0	0	0	0	0	7	1	361	0	0	370
1957	115	0	0	0	0	0	0	340	376	441	315	16	1,600
1958	20	0	0	0	0	0	0	18	57	565	258	121	1,000
1959	3	0	0	0	0	0	0	0	0	568	149	56	780
1960	13	0	0	0	0	0	0	6	0	224	0	69	310
1961	77	0	0	0	0	0	0	3	154	663	352	210	1,500
1962	159	0	0	0	0	0	0	13	361	970	124	131	1,800
1963	52	0	0	0	0	0	0	7	1,046	884	247	201	2,400
1964	36	0	0	0	0	0	0	194	872	222	168	0	1,500
1965	82	0	0	0	0	0	0	12	287	845	464	95	1,800
1966	13	0	0	0	0	0	0	0	0	618	95	75	800
1967	75	0	0	0	0	0	0	14	852	439	323	26	1,700
1968	171	0	0	0	0	0	0	63	303	517	563	21	1,600
1969	46	0	0	0	0	0	0	20	440	676	311	43	1,500
1970	85	0	0	0	0	0	0	16	619	571	267	120	1,700
1971	108	0	0	0	0	0	0	15	229	427	253	284	1,300
1972	178	0	0	0	0	0	0	20	427	711	315	264	1,900
1973	196	0	0	0	0	0	0	19	251	459	276	103	1,300
Average	60	0	0	0	0	0	0	50	350	630	340	90	1,500

NO ACTION ALTERNATIVE
Spanish Fork River below Mill Race Diversion
Location #9 - Bonneville Unit Supplemental Diversions to Mill Race Canal
Water Year Monthly Summary
(cfs)

(9d)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	0	0	0	0	0	0	1	0	3	14	6	1	2
1931	3	0	0	0	0	0	0	0	5	12	8	4	3
1932	1	0	0	0	0	0	0	0	8	0	2	2	1
1933	1	0	0	0	0	0	0	1	2	13	9	3	2
1934	1	0	0	0	0	0	0	5	20	22	11	6	5
1935	2	0	0	0	0	0	0	1	7	17	10	2	3
1936	1	0	0	0	0	0	0	0	5	18	8	2	3
1937	0	0	0	0	0	0	0	0	5	14	5	1	2
1938	0	0	0	0	0	0	0	0	0	3	6	2	1
1939	0	0	0	0	0	0	0	0	11	10	7	1	2
1940	2	0	0	0	0	0	0	0	4	17	9	3	3
1941	0	0	0	0	0	0	0	0	10	15	6	0	3
1942	0	0	0	0	0	0	0	1	3	12	8	0	2
1943	0	0	0	0	0	0	0	0	12	12	8	1	3
1944	0	0	0	0	0	0	0	4	7	8	6	0	2
1945	0	0	0	0	0	0	0	4	9	9	12	1	3
1946	0	0	0	0	0	0	0	0	2	11	7	0	2
1947	1	0	0	0	0	0	0	0	17	9	7	0	3
1948	0	0	0	0	0	0	0	2	7	9	7	0	2
1949	1	0	0	0	0	0	0	1	3	12	5	1	2
1950	1	0	0	0	0	0	0	0	2	14	5	0	2
1951	2	0	0	0	0	0	0	0	4	9	7	0	2
1952	1	0	0	0	0	0	0	0	2	7	5	0	1
1953	0	0	0	0	0	0	0	1	1	10	7	1	2
1954	0	0	0	0	0	0	0	0	6	12	3	3	2
1955	0	0	0	0	0	0	0	0	0	1	1	0	0
1956	0	0	0	0	0	0	0	0	0	6	0	0	1
1957	2	0	0	0	0	0	0	0	6	6	7	5	0
1958	0	0	0	0	0	0	0	0	1	9	4	2	1
1959	0	0	0	0	0	0	0	0	0	9	2	1	1
1960	0	0	0	0	0	0	0	0	0	4	0	1	0
1961	1	0	0	0	0	0	0	0	3	11	6	4	2
1962	3	0	0	0	0	0	0	0	6	16	2	2	2
1963	1	0	0	0	0	0	0	0	18	14	4	3	3
1964	1	0	0	0	0	0	0	3	15	4	3	0	2
1965	1	0	0	0	0	0	0	0	5	14	8	2	2
1966	0	0	0	0	0	0	0	0	0	10	2	1	1
1967	1	0	0	0	0	0	0	0	14	7	5	0	2
1968	3	0	0	0	0	0	0	1	5	8	9	0	2
1969	1	0	0	0	0	0	0	0	7	11	5	1	2
1970	1	0	0	0	0	0	0	0	10	9	4	2	2
1971	2	0	0	0	0	0	0	0	4	7	4	5	2
1972	3	0	0	0	0	0	0	0	7	12	5	4	3
1973	3	0	0	0	0	0	0	0	4	7	4	2	2
Average	1	0	0	0	0	0	0	1	6	10	6	1	2

NO ACTION ALTERNATIVE
Spanish Fork River at Lake Shore Gage - Total Flow
Location #10
Water Year Monthly Summary
(Acre-Feet)

(10a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual
1930	4,627	9,096	10,782	9,036	9,816	19,628	23,658	100	0	0	50	2,196	89,000
1931	4,973	9,545	15,656	16,099	15,955	19,132	10,462	0	70	6,858	8,175	3,861	110,800
1932	4,294	9,832	13,408	12,861	16,736	20,930	25,420	17,467	11,441	14,171	9,145	0	155,700
1933	1,285	7,747	14,146	15,663	15,589	20,515	18,842	11,748	2,495	7,689	170	1,128	117,000
1934	3,785	9,830	9,041	8,232	10,088	14,829	7,065	0	0	1,231	2,552	1,853	68,500
1935	3,046	6,971	8,378	10,608	11,964	12,375	9,256	22,344	27,435	424	1,708	6,571	121,100
1936	8,597	10,632	9,053	11,587	12,897	17,148	44,828	40,857	14,257	11,395	100	2,615	184,000
1937	8,234	14,679	12,319	15,618	17,560	25,964	35,438	42,159	12,549	10,750	5,175	2,743	203,200
1938	1,481	13,330	12,254	13,764	14,545	24,452	27,322	25,034	9,693	6,135	1,542	2,535	152,100
1939	1,229	21,221	16,989	15,666	13,736	24,809	16,287	14,682	10,125	2,744	1,546	3,934	143,000
1940	3,918	15,360	9,693	13,498	14,571	16,491	10,089	13,892	7,643	1,740	2,210	5,436	114,500
1941	4,054	10,173	11,019	13,608	15,011	17,809	17,154	21,659	13,047	8,258	3,504	2,906	138,200
1942	3,378	12,627	8,481	12,000	12,295	18,000	32,337	31,203	11,049	7,980	1,938	3,584	154,900
1943	1,535	16,588	13,133	15,736	16,920	21,107	20,799	16,541	15,349	7,681	4,375	3,711	153,500
1944	1,960	18,535	13,977	13,641	12,531	16,933	22,600	37,712	16,671	6,755	2,053	3,443	166,800
1945	1,086	11,952	10,596	12,602	17,224	18,129	19,829	31,536	4,233	66	433	128	127,800
1946	2,296	14,577	13,458	14,643	14,628	20,311	39,330	16,852	6,859	1,749	75	2,973	147,800
1947	3,350	14,950	12,227	12,655	14,172	21,990	23,360	3,308	352	13	70	62	106,500
1948	2,473	13,428	10,750	11,406	12,770	15,908	27,935	1,423	216	47	59	2,111	98,500
1949	2,487	12,674	12,682	13,766	12,668	21,640	28,403	26,138	293	210	107	55	131,100
1950	3,255	14,078	11,928	15,852	16,928	20,398	31,272	9,517	69	56	9,290	11,813	144,500
1951	1,977	14,761	15,929	16,506	8,797	9,425	7,858	4,485	97	112	10,525	10,837	101,300
1952	3,072	13,454	13,297	8,106	8,181	11,474	65,831	94,538	16,685	25	258	2,376	237,300
1953	3,071	16,264	19,400	11,385	8,901	11,505	11,201	2,539	33	184	426	147	85,100
1954	1,994	13,519	11,400	15,079	16,243	17,717	6,904	17	1	7,563	8,335	6,827	105,600
1955	2,055	12,114	10,702	12,124	12,162	18,647	19,044	19,452	10,911	4,225	1,611	3,918	127,000
1956	2,550	14,181	16,611	18,360	16,247	19,600	17,720	19,317	10,293	5,701	1,539	4,115	146,200
1957	2,181	11,941	13,200	15,453	18,605	18,084	19,634	32,084	23,827	52	10,559	10,148	175,800
1958	2,638	15,449	13,920	14,309	16,128	21,608	30,495	16,834	113	6,913	9,976	7,319	155,700
1959	1,821	12,517	13,943	14,782	15,209	16,553	8,496	7,238	22	6,096	3,535	4,734	104,900
1960	2,609	14,955	12,571	13,723	12,825	17,456	13,546	15,100	9,997	3,118	3,930	7,082	126,900
1961	7,697	12,144	11,837	13,762	13,679	15,506	9,522	5,873	2,430	24	110	30	92,600
1962	2,281	10,496	11,309	9,386	19,743	21,099	42,394	26,115	14,048	9,143	1,390	3,971	171,400
1963	8,936	8,052	11,703	11,349	15,480	12,146	14,238	19,105	12,134	8,004	167	173	121,500
1964	1,997	12,544	13,497	14,137	11,931	13,950	21,856	32,691	14,073	5,694	6,691	2,740	151,800
1965	1,269	10,603	7,642	11,196	13,771	14,722	24,168	27,641	16,564	9,754	10,967	6,113	154,400
1966	3,403	14,290	15,042	15,578	14,436	21,926	15,803	289	94	9,661	12,465	8,326	131,300
1967	2,438	19,667	16,234	15,538	13,944	19,784	17,766	17,780	6,220	387	9,151	13,008	151,900
1968	3,805	12,634	12,119	12,225	16,178	18,885	23,473	14,791	3,373	1,016	846	692	120,000
1969	3,393	14,757	8,628	9,697	8,457	12,597	35,322	15,983	2,843	1,562	369	182	113,800
1970	5,848	15,580	13,896	18,042	17,883	18,819	13,721	6,337	2,691	352	681	2,164	116,000
1971	5,189	15,292	13,583	16,259	16,201	12,415	15,046	11,529	1,810	592	537	1,692	110,100
1972	6,688	16,710	15,175	10,198	9,379	13,340	10,380	795	729	113	49	761	84,300
1973	5,907	16,131	13,589	15,345	14,711	18,361	18,248	42,604	3,478	249	620	2,025	151,300
Average	3,500	13,300	12,600	13,400	14,000	17,800	21,700	18,600	7,200	4,000	3,400	3,700	133,300

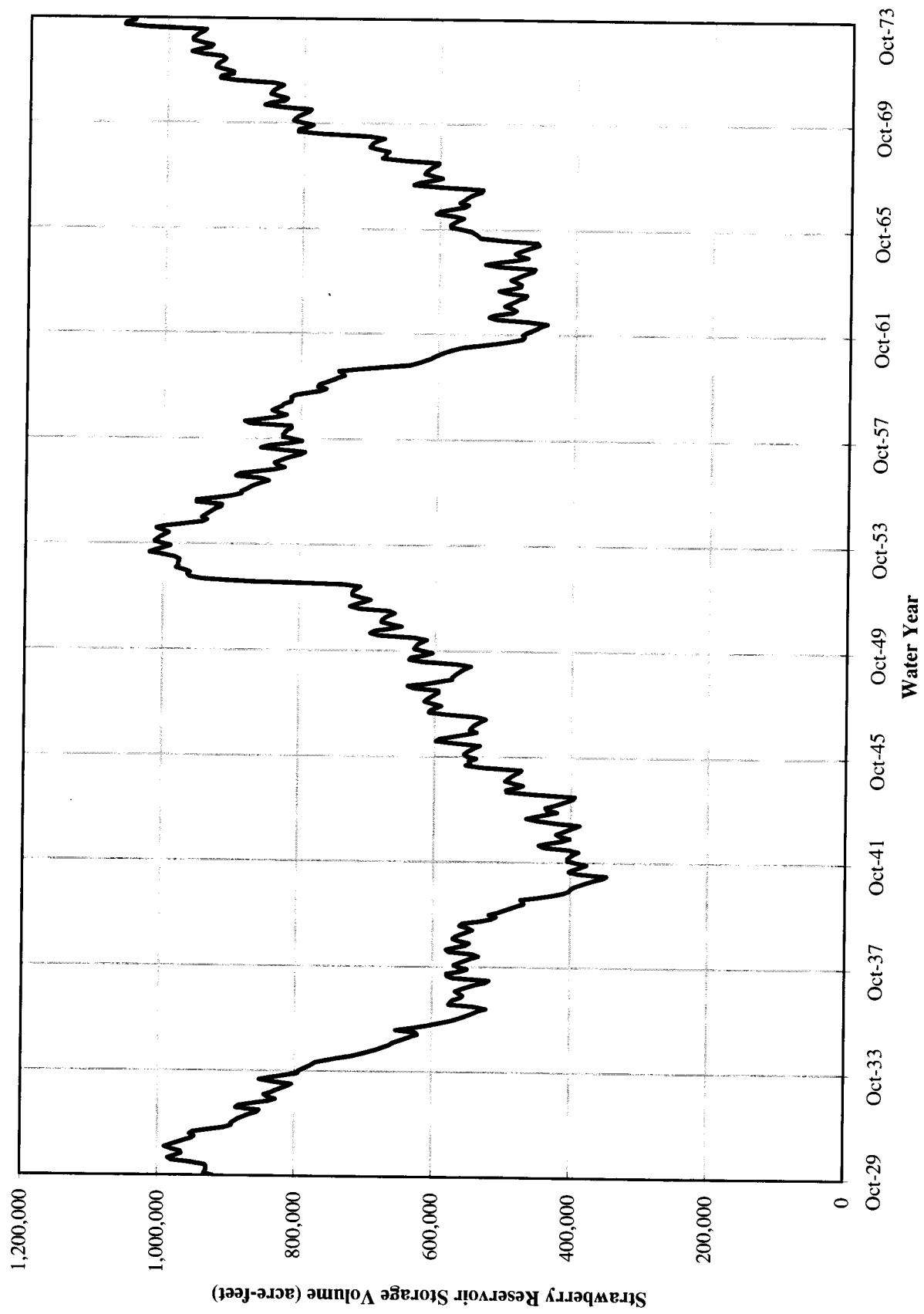
NO ACTION ALTERNATIVE
Spanish Fork River at Lake Shore Gage - Total Flow
Location #10
Water Year Monthly Summary
(cfs)

(10a)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1930	75	153	176	147	177	320	398	2	0	0	1	37	124
1931	81	161	255	262	288	312	176	0	1	112	133	65	154
1932	70	166	218	210	291	341	428	285	193	231	149	0	215
1933	21	130	230	255	281	334	317	191	42	125	3	19	163
1934	62	165	147	134	182	242	119	0	0	20	42	31	95
1935	50	117	136	173	216	202	156	364	462	7	28	111	168
1936	140	179	147	189	225	279	755	666	240	186	2	44	254
1937	134	247	201	254	317	423	597	687	211	175	84	46	281
1938	24	224	200	224	262	398	460	408	163	100	25	43	211
1939	20	357	277	255	248	404	274	239	170	45	25	66	198
1940	64	259	158	220	254	269	170	226	129	28	36	92	159
1941	66	171	180	222	271	290	289	353	220	135	57	49	192
1942	55	213	138	196	222	293	544	508	186	130	32	60	215
1943	25	279	214	256	305	344	350	269	258	125	71	62	213
1944	32	312	228	222	218	276	380	614	281	110	33	58	230
1945	18	201	173	205	311	295	334	514	71	1	7	2	178
1946	37	245	219	239	264	331	662	275	115	28	1	50	206
1947	55	252	199	206	256	358	393	54	6	0	1	1	148
1948	40	226	175	186	222	259	470	23	4	1	1	36	137
1949	41	213	207	224	229	353	478	426	5	3	2	1	182
1950	53	237	194	258	305	332	526	155	1	1	151	199	201
1951	32	249	260	269	159	154	132	73	2	2	171	182	140
1952	50	226	217	132	142	187	1,108	1,540	281	0	4	40	327
1953	50	274	316	185	161	187	189	41	1	3	7	2	118
1954	32	228	186	246	293	289	116	0	0	123	136	115	147
1955	33	204	174	198	219	304	321	317	184	69	26	66	176
1956	42	239	271	299	283	319	298	315	173	93	25	69	202
1957	36	201	215	252	336	295	331	523	401	1	172	171	244
1958	43	260	227	233	291	352	513	274	2	113	163	123	216
1959	30	211	227	241	274	270	143	118	0	99	58	80	146
1960	43	252	205	224	223	284	228	246	168	51	64	119	176
1961	125	204	193	224	247	253	160	96	41	0	2	1	129
1962	37	177	184	153	356	344	714	425	236	149	23	67	239
1963	146	136	191	185	279	198	240	311	204	130	3	3	169
1964	33	211	220	230	208	227	368	533	237	93	109	46	210
1965	21	179	125	182	248	240	407	450	279	159	179	103	214
1966	55	241	245	254	260	357	266	5	2	157	203	140	182
1967	40	331	264	253	252	322	299	290	105	6	149	219	211
1968	62	213	197	199	282	308	395	241	57	17	14	12	166
1969	55	248	141	158	153	205	595	260	48	25	6	3	158
1970	95	262	226	294	323	307	231	103	45	6	11	36	162
1971	85	257	221	265	292	202	253	188	30	10	9	28	153
1972	109	281	247	166	163	217	175	13	12	2	1	13	117
1973	96	272	221	250	265	299	307	694	59	4	10	34	209
Average	57	224	206	219	251	290	365	303	121	65	55	62	185

**STRAWBERRY RESERVOIR
STORAGE VOLUMES**

**Strawberry Reservoir Storage Volume
Proposed Action Interim Operation**



**Strawberry Reservoir Operation Study
Proposed Action Interim Operation**

Month/ Year	Inflow to Strawberry Reservoir (AF)	Reservoir Release Through Tunnels (AF)	Evaporation (AF)	Spills (AF)	Area of Lake Based on Contents (Acres)	Net Change in Contents (AF)	Shortage (AF)	Reservoir Contents (AF)
Oct-1929	19,400	2,983	2,664	0	15,766	13,753	0	918,893
Nov-1929	16,000	2,643	788	0	15,855	12,569	0	931,462
Dec-1929	600	2,613	159	0	15,839	-2,172	0	929,290
Jan-1930	2,900	3,363	158	0	15,835	-621	0	928,669
Feb-1930	2,600	2,603	158	0	15,834	-161	0	928,508
Mar-1930	5,000	1,776	1,267	0	15,848	1,957	0	930,465
Apr-1930	27,700	4,700	2,853	0	15,990	20,147	0	950,612
May-1930	43,300	9,200	5,756	0	16,189	28,344	0	978,956
Jun-1930	36,000	23,700	7,447	0	16,223	4,853	0	983,809
Jul-1930	13,700	16,600	7,787	0	16,148	-10,687	0	973,122
Aug-1930	12,300	13,700	6,782	0	16,091	-8,182	0	964,940
Sep-1930	13,900	7,800	5,149	0	16,097	951	0	965,891
Total	193,400	91,681	40,968	0	16,097	60,751	0	965,891
Oct-1930	18,800	2,885	2,737	0	16,190	13,178	0	979,069
Nov-1930	15,200	4,642	810	0	16,259	9,748	0	988,818
Dec-1930	-600	8,338	163	0	16,195	-9,101	0	979,717
Jan-1931	0	10,119	162	0	16,122	-10,281	0	969,436
Feb-1931	100	9,773	161	0	16,053	-9,834	0	959,602
Mar-1931	1,500	9,604	1,284	0	15,987	-9,388	0	950,214
Apr-1931	5,600	6,520	2,878	0	15,960	-3,798	0	946,416
May-1931	30,000	18,023	5,746	0	16,004	6,231	0	952,647
Jun-1931	27,000	24,373	7,362	0	15,971	-4,735	0	947,913
Jul-1931	5,400	20,632	7,666	0	15,809	-22,898	0	925,015
Aug-1931	2,500	17,886	6,640	0	15,654	-22,026	0	902,989
Sep-1931	2,900	8,213	5,009	0	15,570	-10,322	0	892,667
Total	108,400	141,008	40,616	0	15,570	-73,224	0	892,667
Oct-1931	8,300	5,418	2,647	0	15,572	235	0	892,902
Nov-1931	1,700	6,662	779	0	15,525	-5,741	0	887,161
Dec-1931	2,200	6,641	155	0	15,488	-4,596	0	882,565
Jan-1932	1,000	8,842	155	0	15,422	-7,997	0	874,568
Feb-1932	1,900	10,275	154	0	15,353	-8,529	0	866,039
Mar-1932	4,100	14,201	1,228	0	15,260	-11,329	0	854,709
Apr-1932	13,800	14,505	2,747	0	15,232	-3,452	0	851,258
May-1932	76,300	36,093	5,483	0	15,516	34,724	0	885,981
Jun-1932	43,300	40,304	7,137	0	15,482	-4,141	0	881,840
Jul-1932	26,300	37,899	7,431	0	15,326	-19,030	0	862,810
Aug-1932	10,100	29,066	6,437	0	15,118	-25,403	0	837,407
Sep-1932	6,000	10,573	4,838	0	15,041	-9,411	0	827,996
Total	195,000	220,479	39,192	0	15,041	-64,671	0	827,996

Strawberry Reservoir Operation Study
Proposed Action Interim Operation

Month/ Year	Inflow to Strawberry Reservoir (AF)	Reservoir Release Through Tunnels (AF)	Evaporation (AF)	Spills (AF)	Area of Lake Based on Contents (Acres)	Net Change in Contents (AF)	Shortage (AF)	Reservoir Contents (AF)
Oct-1932	17,100	3,108	2,557	0	15,135	11,435	0	839,431
Nov-1932	14,000	8,501	757	0	15,174	4,742	0	844,173
Dec-1932	200	9,102	152	0	15,100	-9,054	0	835,119
Jan-1933	3,100	10,223	151	0	15,040	-7,274	0	827,845
Feb-1933	1,600	9,257	150	0	14,976	-7,807	0	820,038
Mar-1933	3,200	11,184	1,198	0	14,901	-9,182	0	810,856
Apr-1933	6,600	10,071	2,682	0	14,851	-6,153	0	804,703
May-1933	41,700	8,795	5,346	0	15,076	27,559	0	832,261
Jun-1933	47,900	21,752	6,935	0	15,233	19,213	0	851,474
Jul-1933	14,200	23,054	7,312	0	15,101	-16,166	0	835,308
Aug-1933	1,100	14,530	6,343	0	14,940	-19,773	0	815,536
Sep-1933	1,600	17,091	4,781	0	14,774	-20,272	0	795,264
Total	152,300	146,668	38,364	0	14,774	-32,732	0	795,264
Oct-1933	8,100	6,678	2,512	0	14,765	-1,090	0	794,174
Nov-1933	-300	5,209	738	0	14,714	-6,247	0	787,927
Dec-1933	400	7,360	147	0	14,656	-7,107	0	780,820
Jan-1934	900	6,802	147	0	14,606	-6,049	0	774,772
Feb-1934	1,400	6,407	146	0	14,564	-5,153	0	769,618
Mar-1934	-4,000	9,533	1,165	0	14,444	-14,698	0	754,920
Apr-1934	-4,700	8,469	2,600	0	14,307	-15,769	0	739,151
May-1934	-4,700	11,551	5,150	0	14,117	-21,401	0	717,750
Jun-1934	-300	6,200	6,494	0	14,003	-12,994	0	704,756
Jul-1934	0	5,500	6,721	0	13,895	-12,221	0	692,535
Aug-1934	0	6,202	5,836	0	13,788	-12,038	0	680,497
Sep-1934	0	4,500	4,412	0	13,709	-8,912	0	671,585
Total	-3,200	84,411	36,068	0	13,709	-123,679	0	671,585
Oct-1934	-3,200	3,700	2,331	0	13,628	-9,231	0	662,354
Nov-1934	-400	4,174	681	0	13,581	-5,255	0	657,099
Dec-1934	-1,900	6,705	136	0	13,504	-8,741	0	648,358
Jan-1935	-1,000	8,336	135	0	13,420	-9,471	0	638,887
Feb-1935	-600	7,995	134	0	13,343	-8,729	0	630,158
Mar-1935	-600	7,408	1,067	0	13,263	-9,075	0	621,082
Apr-1935	8,100	2,786	2,387	0	13,289	2,927	0	624,009
May-1935	48,900	15,373	4,784	0	13,543	28,743	0	652,752
Jun-1935	23,600	40,814	6,230	0	13,336	-23,444	0	629,308
Jul-1935	1,900	15,936	6,401	0	13,153	-20,437	0	608,871
Aug-1935	2,800	12,519	5,524	0	13,013	-15,243	0	593,628
Sep-1935	2,200	14,021	4,164	0	12,866	-15,985	0	577,642
Total	79,800	139,767	33,975	0	12,866	-93,942	0	577,642

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Oct-1935	-1,300	8,124	2,187	0	12,759	-11,611	0	566,031
Nov-1935	-1,100	8,260	638	0	12,667	-9,998	0	556,033
Dec-1935	-1,300	7,180	127	0	12,588	-8,607	0	547,427
Jan-1936	1,300	9,116	126	0	12,515	-7,942	0	539,485
Feb-1936	1,800	9,069	125	0	12,446	-7,394	0	532,091
Mar-1936	-500	9,245	996	0	12,348	-10,741	0	521,350
Apr-1936	33,600	16,285	2,223	0	12,487	15,092	0	536,442
May-1936	79,700	36,109	4,495	0	12,846	39,096	0	575,538
Jun-1936	43,200	39,299	5,909	0	12,828	-2,008	0	573,530
Jul-1936	27,600	24,806	6,157	0	12,797	-3,363	0	570,166
Aug-1936	13,500	19,076	5,375	0	12,696	-10,951	0	559,216
Sep-1936	7,100	6,821	4,063	0	12,661	-3,784	0	555,432
Total	203,600	193,390	32,421	0	12,661	-22,211	0	555,432
Oct-1936	17,200	9,662	2,152	0	12,711	5,386	0	560,817
Nov-1936	14,600	8,736	636	0	12,759	5,228	0	566,046
Dec-1936	1,500	9,673	128	0	12,683	-8,301	0	557,745
Jan-1937	1,600	11,858	127	0	12,587	-10,385	0	547,360
Feb-1937	1,500	11,677	126	0	12,492	-10,303	0	537,058
Mar-1937	400	13,885	999	0	12,359	-14,484	0	522,573
Apr-1937	15,500	18,292	2,225	0	12,313	-5,017	0	517,557
May-1937	93,400	37,021	4,433	0	12,791	51,946	0	569,503
Jun-1937	47,300	32,262	5,884	0	12,875	9,154	0	578,657
Jul-1937	31,400	24,755	6,180	0	12,879	465	0	579,122
Aug-1937	6,900	21,932	5,409	0	12,691	-20,441	0	558,681
Sep-1937	7,100	12,140	4,061	0	12,607	-9,101	0	549,580
Total	238,400	211,893	32,359	0	12,607	-5,852	0	549,580
Oct-1937	18,200	3,085	2,143	0	12,727	12,972	0	562,551
Nov-1937	16,000	9,472	636	0	12,781	5,892	0	568,443
Dec-1937	2,100	9,146	128	0	12,715	-7,174	0	561,269
Jan-1938	800	9,624	127	0	12,633	-8,951	0	552,318
Feb-1938	1,400	9,534	126	0	12,557	-8,260	0	544,058
Mar-1938	3,200	13,205	1,005	0	12,455	-11,010	0	533,048
Apr-1938	29,100	17,567	2,242	0	12,541	9,291	0	542,339
May-1938	68,100	29,327	4,515	0	12,856	34,258	0	576,598
Jun-1938	46,500	37,194	5,914	0	12,887	3,392	0	579,990
Jul-1938	18,300	24,778	6,186	0	12,771	-12,664	0	567,326
Aug-1938	8,100	18,398	5,364	0	12,627	-15,662	0	551,664
Sep-1938	8,700	9,656	4,041	0	12,581	-4,997	0	546,667
Total	220,500	190,986	32,426	0	12,581	-2,912	0	546,667

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Oct-1938	20,500	3,365	2,139	0	12,719	14,996	0	561,664
Nov-1938	18,500	8,968	636	0	12,801	8,896	0	570,560
Dec-1938	5,000	8,672	128	0	12,766	-3,800	0	566,760
Jan-1939	1,200	9,336	128	0	12,690	-8,264	0	558,496
Feb-1939	300	9,039	127	0	12,608	-8,866	0	549,630
Mar-1939	5,300	11,707	1,009	0	12,540	-7,416	0	542,215
Apr-1939	22,800	13,499	2,257	0	12,605	7,044	0	549,258
May-1939	41,100	25,193	4,538	0	12,709	11,369	0	560,628
Jun-1939	25,600	23,803	5,846	0	12,672	-4,049	0	556,579
Jul-1939	5,900	25,427	6,083	0	12,436	-25,610	0	530,969
Aug-1939	3,700	14,882	5,223	0	12,285	-16,405	0	514,564
Sep-1939	6,700	9,812	3,931	0	12,220	-7,043	0	507,521
Total	156,600	163,703	32,044	0	12,220	-39,147	0	507,521
Oct-1939	15,700	3,185	2,077	0	12,316	10,438	0	517,958
Nov-1939	-200	12,462	616	0	12,194	-13,278	0	504,680
Dec-1939	-800	8,543	122	0	12,107	-9,465	0	495,215
Jan-1940	700	9,322	121	0	12,025	-8,743	0	486,472
Feb-1940	500	9,586	120	0	11,933	-9,206	0	477,266
Mar-1940	1,000	9,339	955	0	11,840	-9,294	0	467,972
Apr-1940	12,100	9,569	2,131	0	11,844	400	0	468,372
May-1940	33,200	25,513	4,264	0	11,878	3,423	0	471,796
Jun-1940	9,000	29,171	5,464	0	11,621	-25,635	0	446,161
Jul-1940	1,900	15,742	5,578	0	11,426	-19,420	0	426,741
Aug-1940	500	12,094	4,799	0	11,261	-16,393	0	410,348
Sep-1940	2,000	7,081	3,604	0	11,174	-8,685	0	401,664
Total	75,600	151,607	29,850	0	11,174	-105,857	0	401,664
Oct-1940	5,000	5,561	1,900	0	11,149	-2,461	0	399,203
Nov-1940	1,700	6,614	557	0	11,094	-5,471	0	393,732
Dec-1940	-1,000	8,280	111	0	11,000	-9,391	0	384,341
Jan-1941	400	9,826	110	0	10,904	-9,536	0	374,805
Feb-1941	-200	9,831	109	0	10,747	-10,140	0	364,665
Mar-1941	200	11,545	860	0	10,546	-12,205	0	352,460
Apr-1941	5,600	9,236	1,898	0	10,456	-5,534	0	346,926
May-1941	63,600	18,067	3,764	0	11,044	41,769	0	388,695
Jun-1941	43,500	24,833	5,080	0	11,180	13,587	0	402,281
Jul-1941	22,400	24,054	5,366	0	11,110	-7,020	0	395,261
Aug-1941	9,800	15,124	4,666	0	11,009	-9,990	0	385,271
Sep-1941	6,100	11,500	3,523	0	10,920	-8,923	0	376,348
Total	157,100	154,471	27,945	0	10,920	-25,316	0	376,348

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Oct-1941	20,000	2,960	1,856	0	11,072	15,184	0	391,532
Nov-1941	16,800	3,497	554	0	11,200	12,749	0	404,281
Dec-1941	5,400	5,064	112	0	11,202	224	0	404,505
Jan-1942	1,400	5,926	112	0	11,156	-4,638	0	399,867
Feb-1942	800	5,985	112	0	11,103	-5,297	0	394,570
Mar-1942	1,800	7,069	888	0	11,041	-6,157	0	388,413
Apr-1942	25,000	8,188	1,987	0	11,190	14,825	0	403,238
May-1942	52,400	12,571	4,028	0	11,549	35,801	0	439,039
Jun-1942	41,800	29,367	5,313	0	11,621	7,120	0	446,159
Jul-1942	18,700	28,273	5,578	0	11,468	-15,151	0	431,008
Aug-1942	6,200	20,320	4,817	0	11,278	-18,937	0	412,071
Sep-1942	6,000	13,183	3,609	0	11,170	-10,792	0	401,279
Total	196,300	142,403	28,966	0	11,170	24,931	0	401,279
Oct-1942	17,800	3,181	1,899	0	11,298	12,720	0	414,000
Nov-1942	16,700	9,213	565	0	11,367	6,922	0	420,922
Dec-1942	1,100	9,279	114	0	11,284	-8,293	0	412,629
Jan-1943	1,700	9,963	113	0	11,200	-8,376	0	404,253
Feb-1943	900	9,469	112	0	11,113	-8,681	0	395,572
Mar-1943	3,000	10,665	889	0	11,027	-8,554	0	387,018
Apr-1943	48,200	12,564	1,985	0	11,365	33,651	0	420,669
May-1943	55,200	25,845	4,091	0	11,618	25,264	0	445,933
Jun-1943	49,200	25,114	5,344	0	11,806	18,742	0	464,675
Jul-1943	25,600	32,727	5,667	0	11,678	-12,794	0	451,881
Aug-1943	13,500	24,179	4,905	0	11,522	-15,584	0	436,297
Sep-1943	5,600	17,968	3,687	0	11,360	-16,055	0	420,242
Total	238,500	190,167	29,371	0	11,360	18,962	0	420,242
Oct-1943	19,500	3,219	1,931	0	11,504	14,350	0	434,592
Nov-1943	16,200	12,922	575	0	11,532	2,703	0	437,294
Dec-1943	500	12,357	115	0	11,411	-11,972	0	425,322
Jan-1944	1,800	11,897	114	0	11,309	-10,211	0	415,111
Feb-1944	1,100	10,235	113	0	11,216	-9,248	0	405,863
Mar-1944	2,400	10,403	897	0	11,127	-8,900	0	396,963
Apr-1944	9,000	9,570	2,003	0	11,101	-2,573	0	394,390
May-1944	75,100	12,683	3,996	0	11,687	58,421	0	452,810
Jun-1944	56,500	10,226	5,376	0	12,093	40,898	0	493,708
Jul-1944	30,900	24,602	5,805	0	12,098	493	0	494,202
Aug-1944	7,500	17,389	5,081	0	11,953	-14,970	0	479,232
Sep-1944	5,500	10,807	3,825	0	11,861	-9,132	0	470,100
Total	226,000	146,310	29,832	0	11,861	49,858	0	470,100

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Oct-1944	18,600	3,011	2,016	0	11,997	13,573	0	483,672
Nov-1944	16,800	4,042	600	0	12,113	12,158	0	495,831
Dec-1944	1,500	5,274	121	0	12,077	-3,895	0	491,935
Jan-1945	1,100	5,909	121	0	12,031	-4,930	0	487,006
Feb-1945	1,700	6,846	120	0	11,978	-5,266	0	481,739
Mar-1945	2,900	7,811	958	0	11,919	-5,869	0	475,870
Apr-1945	6,100	7,192	2,145	0	11,886	-3,237	0	472,633
May-1945	69,700	11,400	4,279	0	12,396	54,021	0	526,654
Jun-1945	49,900	16,972	5,702	0	12,647	27,226	0	553,879
Jul-1945	26,900	26,794	6,071	0	12,592	-5,965	0	547,915
Aug-1945	13,300	6,500	5,289	0	12,606	1,511	0	549,426
Sep-1945	2,900	9,000	4,034	0	12,513	-10,134	0	539,292
Total	211,400	110,751	31,457	0	12,513	69,192	0	539,292
Oct-1945	18,600	3,441	2,127	0	12,633	13,032	0	552,324
Nov-1945	9,400	4,803	632	0	12,669	3,965	0	556,289
Dec-1945	2,900	6,470	127	0	12,635	-3,697	0	552,593
Jan-1946	1,500	7,231	126	0	12,581	-5,857	0	546,735
Feb-1946	1,300	7,169	126	0	12,526	-5,995	0	540,740
Mar-1946	2,200	8,356	1,002	0	12,460	-7,158	0	533,582
Apr-1946	48,200	10,817	2,243	0	12,784	35,140	0	568,723
May-1946	56,900	23,867	4,602	0	13,045	28,431	0	597,153
Jun-1946	33,100	31,355	6,001	0	13,006	-4,256	0	592,897
Jul-1946	13,400	26,202	6,243	0	12,831	-19,045	0	573,852
Aug-1946	2,500	16,530	5,389	0	12,652	-19,419	0	554,433
Sep-1946	1,400	13,424	4,049	0	12,504	-16,073	0	538,361
Total	191,400	159,665	32,666	0	12,504	-931	0	538,361
Oct-1946	15,300	2,988	2,126	0	12,598	10,186	0	548,547
Nov-1946	2,800	4,505	630	0	12,576	-2,335	0	546,212
Dec-1946	2,400	5,413	126	0	12,548	-3,139	0	543,073
Jan-1947	100	5,971	125	0	12,492	-5,996	0	537,077
Feb-1947	600	6,205	125	0	12,440	-5,730	0	531,347
Mar-1947	2,700	7,628	995	0	12,385	-5,923	0	525,424
Apr-1947	22,200	8,427	2,229	0	12,491	11,544	0	536,968
May-1947	58,200	11,786	4,497	0	12,877	41,917	0	578,885
Jun-1947	42,100	6,700	5,924	0	13,149	29,476	0	608,361
Jul-1947	26,000	21,400	6,311	0	13,133	-1,711	0	606,650
Aug-1947	12,300	14,900	5,516	0	13,058	-8,116	0	598,534
Sep-1947	7,100	10,500	4,179	0	12,988	-7,579	0	590,955
Total	191,800	106,423	32,782	0	12,988	52,595	0	590,955

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Oct-1947	17,700	3,948	2,208	0	13,095	11,544	0	602,499
Nov-1947	17,500	4,252	655	0	13,210	12,593	0	615,093
Dec-1947	2,300	5,530	132	0	13,180	-3,362	0	611,730
Jan-1948	1,000	5,821	132	0	13,134	-4,953	0	606,778
Feb-1948	600	6,084	131	0	13,082	-5,615	0	601,162
Mar-1948	1,900	6,954	1,047	0	13,026	-6,101	0	595,062
Apr-1948	11,300	9,071	2,345	0	13,025	-116	0	594,946
May-1948	62,300	22,181	4,689	0	13,345	35,430	0	630,376
Jun-1948	35,800	20,432	6,139	0	13,427	9,229	0	639,605
Jul-1948	3,100	24,084	6,445	0	13,184	-27,429	0	612,176
Aug-1948	4,000	17,353	5,537	0	13,010	-18,890	0	593,286
Sep-1948	1,100	15,011	4,163	0	12,843	-18,074	0	575,212
Total	158,600	140,721	33,622	0	12,843	-15,743	0	575,212
Oct-1948	5,000	3,123	2,183	0	12,841	-306	0	574,906
Nov-1948	800	4,181	642	0	12,804	-4,023	0	570,883
Dec-1948	2,200	5,901	128	0	12,768	-3,829	0	567,053
Jan-1949	2,000	7,169	128	0	12,720	-5,297	0	561,757
Feb-1949	600	6,670	127	0	12,663	-6,197	0	555,560
Mar-1949	2,000	8,566	1,013	0	12,593	-7,579	0	547,981
Apr-1949	33,800	11,081	2,267	0	12,781	20,452	0	568,433
May-1949	72,600	17,805	4,601	0	13,241	50,194	0	618,627
Jun-1949	51,400	26,313	6,091	0	13,409	18,996	0	637,623
Jul-1949	29,100	25,720	6,436	0	13,382	-3,056	0	634,566
Aug-1949	10,300	23,351	5,621	0	13,217	-18,672	0	615,895
Sep-1949	5,900	12,984	4,230	0	13,114	-11,314	0	604,581
Total	215,700	152,864	33,467	0	13,114	29,369	0	604,581
Oct-1949	19,600	3,284	2,229	0	13,242	14,087	0	618,668
Nov-1949	16,900	4,495	662	0	13,346	11,743	0	630,411
Dec-1949	3,700	5,663	133	0	13,327	-2,096	0	628,314
Jan-1950	4,300	7,114	133	0	13,301	-2,947	0	625,367
Feb-1950	1,500	7,502	133	0	13,247	-6,135	0	619,232
Mar-1950	3,400	8,785	1,060	0	13,189	-6,445	0	612,787
Apr-1950	31,800	11,261	2,374	0	13,350	18,165	0	630,952
May-1950	75,900	18,768	4,806	0	13,813	52,326	0	683,278
Jun-1950	54,300	36,137	6,354	0	13,917	11,809	0	695,087
Jul-1950	31,400	30,759	6,680	0	13,864	-6,039	0	689,048
Aug-1950	10,300	27,565	5,823	0	13,660	-23,088	0	665,960
Sep-1950	8,300	20,225	4,371	0	13,516	-16,296	0	649,664
Total	261,400	181,558	34,759	0	13,516	45,083	0	649,664

Strawberry Reservoir Operation Study
Proposed Action Interim Operation

Month/ Year	Inflow to Strawberry Reservoir (AF)	Reservoir Release Through Tunnels (AF)	Evaporation (AF)	Spills (AF)	Area of Lake Based on Contents (Acres)	Net Change in Contents (AF)	Shortage (AF)	Reservoir Contents (AF)
Oct-1956	17,400	3,643	2,551	0	15,097	11,206	0	834,734
Nov-1956	12,700	8,640	755	0	15,124	3,305	0	838,039
Dec-1956	1,700	9,624	151	0	15,058	-8,075	0	829,964
Jan-1957	2,500	10,432	151	0	14,991	-8,083	0	821,882
Feb-1957	0	11,037	150	0	14,900	-11,187	0	810,695
Mar-1957	2,600	11,823	1,192	0	14,815	-10,415	0	800,280
Apr-1957	7,100	10,690	2,667	0	14,764	-6,257	0	794,023
May-1957	53,600	13,354	5,315	0	15,049	34,931	0	828,954
Jun-1957	59,700	23,469	6,923	0	15,289	29,308	0	858,262
Jul-1957	34,300	39,365	7,339	0	15,188	-12,404	0	845,859
Aug-1957	9,000	30,307	6,379	0	14,961	-27,686	0	818,173
Sep-1957	6,000	20,987	4,788	0	14,799	-19,775	0	798,398
Total	206,600	193,371	38,359	0	14,799	-25,130	0	798,398
Oct-1957	17,900	3,085	2,516	0	14,900	12,299	0	810,697
Nov-1957	18,700	2,565	745	0	15,026	15,390	0	826,087
Dec-1957	3,400	3,190	150	0	15,026	60	0	826,147
Jan-1958	1,500	4,436	150	0	15,001	-3,086	0	823,061
Feb-1958	2,300	5,310	150	0	14,975	-3,160	0	819,901
Mar-1958	2,900	7,355	1,198	0	14,929	-5,653	0	814,248
Apr-1958	11,400	8,497	2,687	0	14,931	216	0	814,464
May-1958	83,700	19,228	5,375	0	15,414	59,097	0	873,561
Jun-1958	45,300	28,905	7,090	0	15,490	9,305	0	882,865
Jul-1958	12,700	29,472	7,435	0	15,292	-24,207	0	858,658
Aug-1958	6,600	25,808	6,423	0	15,083	-25,631	0	833,027
Sep-1958	5,800	12,617	4,826	0	14,987	-11,643	0	821,384
Total	212,200	150,468	38,747	0	14,987	22,985	0	821,384
Oct-1958	17,300	2,981	2,548	0	15,084	11,771	0	833,155
Nov-1958	14,500	5,144	754	0	15,154	8,602	0	841,757
Dec-1958	300	6,200	152	0	15,105	-6,052	0	835,705
Jan-1959	100	6,939	151	0	15,047	-6,990	0	828,715
Feb-1959	3,600	7,315	150	0	15,016	-3,865	0	824,850
Mar-1959	-500	8,164	1,201	0	14,935	-9,865	0	814,984
Apr-1959	8,200	6,932	2,688	0	14,923	-1,420	0	813,564
May-1959	22,300	16,191	5,372	0	14,929	737	0	814,301
Jun-1959	29,500	28,261	6,868	0	14,883	-5,629	0	808,672
Jul-1959	11,000	20,447	7,144	0	14,748	-16,591	0	792,081
Aug-1959	2,600	15,597	6,194	0	14,591	-19,191	0	772,890
Sep-1959	4,800	8,974	4,669	0	14,519	-8,843	0	764,047
Total	113,700	133,145	37,892	0	14,519	-57,337	0	764,047

Strawberry Reservoir Operation Study
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Month/ Year	Inflow to Strawberry Reservoir (AF)	Reservoir Release Through Tunnels (AF)	Evaporation (AF)	Spills (AF)	Area of Lake Based on Contents (Acres)	Net Change in Contents (AF)	Shortage (AF)	Reservoir Contents (AF)
Oct-1959	17,500	3,265	2,468	0	14,615	11,767	0	775,814
Nov-1959	6,900	8,607	731	0	14,595	-2,438	0	773,376
Dec-1959	-1,000	8,835	146	0	14,513	-9,981	0	763,395
Jan-1960	-100	8,848	145	0	14,439	-9,093	0	754,302
Feb-1960	1,200	8,478	144	0	14,375	-7,422	0	746,879
Mar-1960	1,400	9,473	1,150	0	14,293	-9,223	0	737,656
Apr-1960	13,900	8,550	2,573	0	14,318	2,777	0	740,434
May-1960	26,700	16,657	5,154	0	14,361	4,889	0	745,322
Jun-1960	4,400	29,243	6,606	0	14,083	-31,449	0	713,873
Jul-1960	700	25,722	6,760	0	13,802	-31,782	0	682,091
Aug-1960	3,100	37,927	5,797	0	13,443	-40,624	0	641,467
Sep-1960	1,700	10,678	4,302	0	13,326	-13,280	0	628,187
Total	76,400	176,283	35,976	0	13,326	-135,859	0	628,187
Oct-1960	1,500	7,219	2,265	0	13,255	-7,984	0	620,203
Nov-1960	400	9,236	663	0	13,170	-9,499	0	610,704
Dec-1960	-700	5,089	132	0	13,116	-5,921	0	604,784
Jan-1961	-1,000	6,199	131	0	13,048	-7,330	0	597,453
Feb-1961	-2,000	6,858	130	0	12,965	-8,988	0	588,465
Mar-1961	-100	8,164	1,037	0	12,880	-9,301	0	579,164
Apr-1961	-4,500	7,016	2,318	0	12,752	-13,834	0	565,329
May-1961	-4,700	14,358	4,591	0	12,535	-23,649	0	541,680
Jun-1961	-300	19,890	5,766	0	12,296	-25,956	0	515,724
Jul-1961	0	15,256	5,902	0	12,101	-21,158	0	494,566
Aug-1961	0	11,704	5,082	0	11,938	-16,786	0	477,780
Sep-1961	6,800	5,931	3,820	0	11,908	-2,951	0	474,829
Total	-4,600	116,920	31,839	0	11,908	-153,359	0	474,829
Oct-1961	10,200	5,841	2,024	0	11,932	2,335	0	477,163
Nov-1961	2,600	7,765	597	0	11,874	-5,762	0	471,402
Dec-1961	900	8,683	119	0	11,795	-7,902	0	463,500
Jan-1962	-300	7,059	118	0	11,720	-7,477	0	456,023
Feb-1962	300	5,766	117	0	11,664	-5,583	0	450,440
Mar-1962	100	7,756	933	0	11,577	-8,589	0	441,851
Apr-1962	40,800	11,720	2,084	0	11,848	26,996	0	468,847
May-1962	70,400	18,606	4,265	0	12,302	47,529	0	516,376
Jun-1962	48,600	32,903	5,659	0	12,394	10,038	0	526,414
Jul-1962	28,300	31,195	5,949	0	12,313	-8,844	0	517,570
Aug-1962	8,300	28,025	5,171	0	12,084	-24,896	0	492,673
Sep-1962	5,600	7,270	3,867	0	12,032	-5,537	0	487,136
Total	215,800	172,589	30,903	0	12,032	12,308	0	487,136

**Strawberry Reservoir Operation Study
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Month/ Year	Inflow to Strawberry Reservoir (AF)	Reservoir Release Through Tunnels (AF)	Evaporation (AF)	Spills (AF)	Area of Lake Based on Contents (Acres)	Net Change in Contents (AF)	Shortage (AF)	Reservoir Contents (AF)
Oct-1962	18,300	9,849	2,045	0	12,092	6,406	0	493,542
Nov-1962	15,200	4,338	605	0	12,186	10,257	0	503,799
Dec-1962	-1,000	5,927	122	0	12,121	-7,049	0	496,751
Jan-1963	-700	6,705	121	0	12,052	-7,526	0	489,224
Feb-1963	1,800	7,467	121	0	11,995	-5,788	0	483,437
Mar-1963	1,100	8,732	960	0	11,909	-8,592	0	474,845
Apr-1963	8,800	9,072	2,144	0	11,884	-2,416	0	472,430
May-1963	47,300	15,191	4,278	0	12,153	27,831	0	500,260
Jun-1963	36,700	18,883	5,591	0	12,266	12,226	0	512,487
Jul-1963	13,000	26,439	5,888	0	12,088	-19,327	0	493,160
Aug-1963	10,000	17,081	5,077	0	11,970	-12,158	0	481,002
Sep-1963	9,000	5,821	3,831	0	11,964	-652	0	480,351
Total	159,500	135,505	30,781	0	11,964	-6,786	0	480,351
Oct-1963	17,000	8,162	2,034	0	12,032	6,804	0	487,155
Nov-1963	13,200	4,795	602	0	12,105	7,803	0	494,958
Dec-1963	-500	6,926	121	0	12,035	-7,547	0	487,411
Jan-1964	200	7,758	120	0	11,958	-7,678	0	479,733
Feb-1964	-700	7,526	120	0	11,874	-8,346	0	471,387
Mar-1964	800	8,249	950	0	11,790	-8,399	0	462,988
Apr-1964	8,600	8,626	2,122	0	11,768	-2,148	0	460,840
May-1964	71,100	14,817	4,236	0	12,270	52,047	0	512,887
Jun-1964	48,800	23,847	5,644	0	12,447	19,309	0	532,196
Jul-1964	28,200	40,958	5,975	0	12,275	-18,733	0	513,463
Aug-1964	7,900	28,363	5,155	0	12,039	-25,618	0	487,844
Sep-1964	4,600	17,795	3,852	0	11,868	-17,047	0	470,797
Total	199,200	177,822	30,932	0	11,868	-9,554	0	470,797
Oct-1964	18,000	2,881	2,018	0	11,999	13,101	0	483,898
Nov-1964	14,700	8,685	600	0	12,053	5,415	0	489,313
Dec-1964	3,900	9,757	121	0	11,994	-5,978	0	483,336
Jan-1965	700	9,825	120	0	11,901	-9,245	0	474,091
Feb-1965	500	9,726	119	0	11,807	-9,345	0	464,746
Mar-1965	1,100	9,576	945	0	11,713	-9,421	0	455,325
Apr-1965	14,300	10,164	2,108	0	11,733	2,028	0	457,353
May-1965	70,200	15,487	4,224	0	12,223	50,489	0	507,842
Jun-1965	61,700	23,357	5,623	0	12,524	32,720	0	540,563
Jul-1965	37,900	28,892	6,012	0	12,552	2,996	0	543,559
Aug-1965	23,200	12,837	5,272	0	12,599	5,091	0	548,650
Sep-1965	15,900	6,200	4,032	0	12,651	5,668	0	554,318
Total	262,100	147,387	31,192	0	12,651	83,521	0	554,318

**Strawberry Reservoir Operation Study
Proposed Action Interim Operation**

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Oct-1965	19,500	2,783	2,151	0	12,785	14,566	0	568,885
Nov-1965	20,100	4,538	639	0	12,923	14,923	0	583,807
Dec-1965	7,100	6,479	129	0	12,927	492	0	584,299
Jan-1966	1,800	7,363	129	0	12,875	-5,692	0	578,607
Feb-1966	1,900	7,480	129	0	12,822	-5,709	0	572,898
Mar-1966	2,800	8,871	1,026	0	12,757	-7,097	0	565,801
Apr-1966	25,400	9,060	2,296	0	12,886	14,044	0	579,845
May-1966	48,500	17,950	4,639	0	13,125	25,911	0	605,756
Jun-1966	30,900	30,543	6,037	0	13,072	-5,680	0	600,076
Jul-1966	12,800	22,630	6,275	0	12,924	-16,105	0	583,971
Aug-1966	6,700	20,276	5,428	0	12,749	-19,004	0	564,967
Sep-1966	7,300	9,471	4,080	0	12,692	-6,251	0	558,716
Total	184,800	147,444	32,958	0	12,692	4,398	0	558,716
Oct-1966	17,300	2,686	2,158	0	12,806	12,456	0	571,173
Nov-1966	1,300	6,040	640	0	12,757	-5,380	0	565,792
Dec-1966	2,800	7,342	128	0	12,714	-4,670	0	561,123
Jan-1967	2,500	7,894	127	0	12,663	-5,521	0	555,602
Feb-1967	400	7,823	127	0	12,593	-7,550	0	548,052
Mar-1967	1,500	8,981	1,007	0	12,515	-8,488	0	539,564
Apr-1967	9,600	9,262	2,253	0	12,498	-1,915	0	537,649
May-1967	74,800	12,054	4,499	0	13,034	58,247	0	595,896
Jun-1967	66,500	18,040	5,996	0	13,416	42,464	0	638,360
Jul-1967	37,500	39,280	6,440	0	13,343	-8,220	0	630,140
Aug-1967	14,500	28,508	5,604	0	13,169	-19,612	0	610,528
Sep-1967	10,300	19,334	4,214	0	13,047	-13,248	0	597,280
Total	239,000	167,244	33,192	0	13,047	38,564	0	597,280
Oct-1967	18,100	2,720	2,218	0	13,168	13,162	0	610,442
Nov-1967	16,700	3,757	658	0	13,278	12,285	0	622,727
Dec-1967	3,200	5,461	133	0	13,256	-2,394	0	620,333
Jan-1968	2,400	6,436	133	0	13,220	-4,169	0	616,165
Feb-1968	2,400	7,134	132	0	13,176	-4,866	0	611,299
Mar-1968	3,000	8,242	1,054	0	13,118	-6,296	0	605,002
Apr-1968	8,600	8,489	2,361	0	13,097	-2,250	0	602,752
May-1968	66,000	9,595	4,715	0	13,558	51,690	0	654,442
Jun-1968	57,800	20,820	6,237	0	13,830	30,743	0	685,186
Jul-1968	31,200	29,293	6,638	0	13,788	-4,731	0	680,454
Aug-1968	17,900	12,200	5,791	0	13,787	-91	0	680,364
Sep-1968	9,900	10,600	4,412	0	13,742	-5,112	0	675,252
Total	237,200	124,747	34,482	0	13,742	77,971	0	675,252

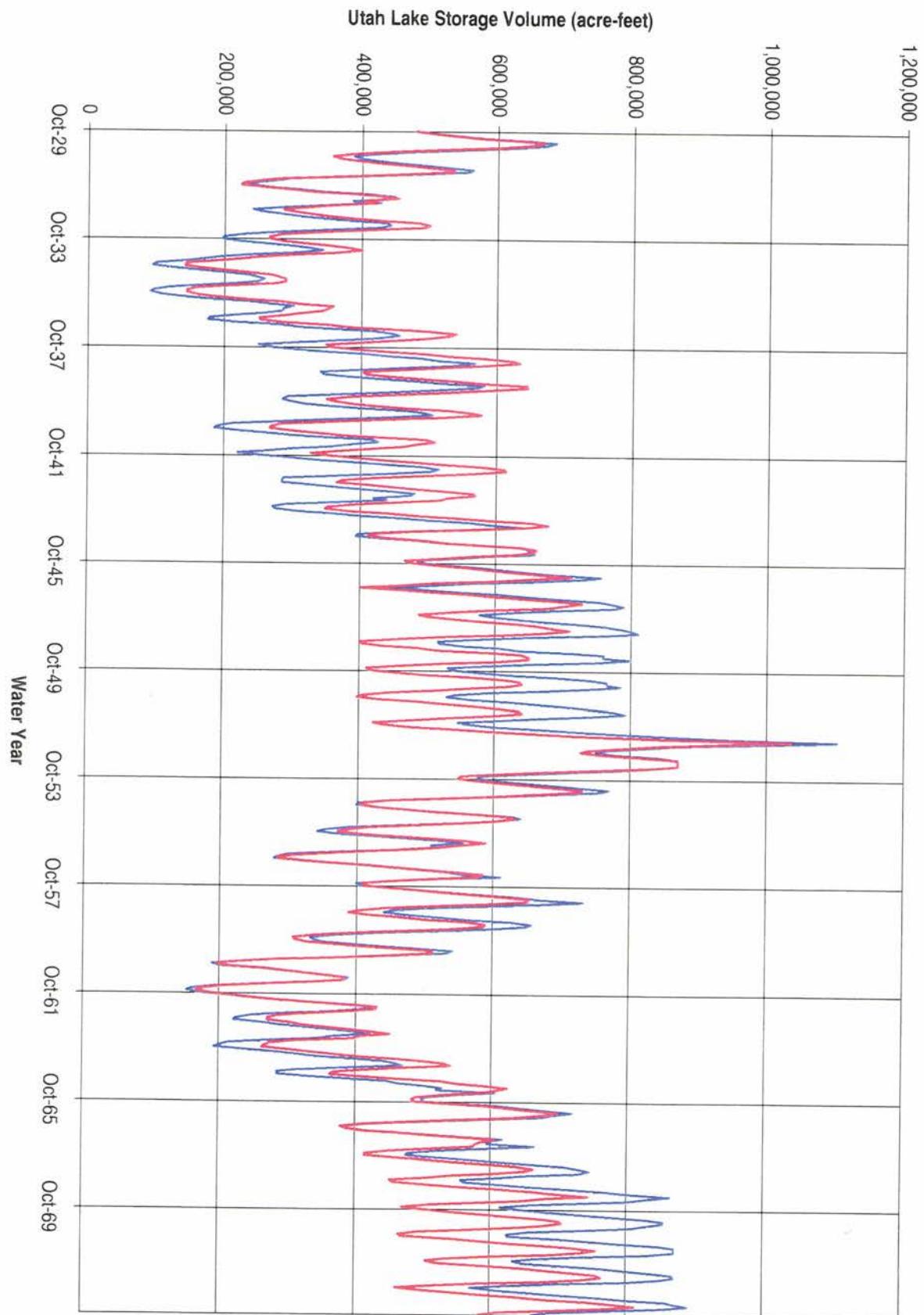
Strawberry Reservoir Operation Study
Proposed Action Interim Operation

Month/ Year	Inflow to Strawberry Reservoir (AF)	Reservoir Release Through Tunnels (AF)	Evaporation (AF)	Spills (AF)	Area of Lake Based on Contents (Acres)	Net Change in Contents (AF)	Shortage (AF)	Reservoir Contents (AF)
Oct-1968	20,100	2,378	2,336	0	13,878	15,386	0	690,638
Nov-1968	17,900	4,419	694	0	13,991	12,787	0	703,425
Dec-1968	4,000	5,770	140	0	13,974	-1,910	0	701,515
Jan-1969	4,800	8,239	140	0	13,942	-3,579	0	697,936
Feb-1969	2,400	8,820	139	0	13,884	-6,559	0	691,377
Mar-1969	2,300	9,863	1,111	0	13,808	-8,674	0	682,703
Apr-1969	41,100	17,817	2,485	0	13,991	20,798	0	703,501
May-1969	89,600	12,935	5,037	0	14,609	71,628	0	775,129
Jun-1969	51,600	11,400	6,720	0	14,883	33,480	0	808,608
Jul-1969	24,000	18,000	7,144	0	14,874	-1,144	0	807,465
Aug-1969	12,200	20,100	6,247	0	14,758	-14,147	0	793,318
Sep-1969	8,300	9,800	4,723	0	14,707	-6,223	0	787,095
Total	278,300	129,541	36,916	0	14,707	111,843	0	787,095
Oct-1969	22,100	3,493	2,500	0	14,839	16,107	0	803,202
Nov-1969	17,200	4,202	742	0	14,939	12,256	0	815,458
Dec-1969	3,200	5,853	149	0	14,916	-2,802	0	812,656
Jan-1970	3,100	7,328	149	0	14,880	-4,377	0	808,278
Feb-1970	900	7,951	149	0	14,821	-7,200	0	801,079
Mar-1970	2,300	8,736	1,186	0	14,759	-7,622	0	793,457
Apr-1970	7,000	7,377	2,657	0	14,734	-3,034	0	790,423
May-1970	60,500	13,206	5,304	0	15,078	41,990	0	832,413
Jun-1970	44,200	11,732	6,936	0	15,286	25,532	0	857,945
Jul-1970	18,900	20,507	7,337	0	15,213	-8,944	0	849,001
Aug-1970	7,800	21,500	6,390	0	15,049	-20,090	0	828,911
Sep-1970	7,900	7,000	4,816	0	15,017	-3,916	0	824,996
Total	195,100	118,885	38,315	0	15,017	37,900	0	824,996
Oct-1970	18,700	3,526	2,553	0	15,120	12,621	0	837,617
Nov-1970	16,300	4,199	756	0	15,213	11,345	0	848,962
Dec-1970	4,200	6,033	152	0	15,197	-1,985	0	846,977
Jan-1971	2,800	6,919	152	0	15,162	-4,271	0	842,706
Feb-1971	1,500	7,230	152	0	15,114	-5,882	0	836,824
Mar-1971	3,500	8,006	1,209	0	15,067	-5,715	0	831,109
Apr-1971	28,800	12,628	2,712	0	15,177	13,460	0	844,569
May-1971	62,800	2,905	5,464	0	15,622	54,431	0	899,000
Jun-1971	45,500	13,600	7,186	0	15,800	24,714	0	923,714
Jul-1971	28,000	21,900	7,584	0	15,790	-1,484	0	922,230
Aug-1971	11,500	22,000	6,632	0	15,669	-17,132	0	905,098
Sep-1971	8,200	3,425	5,014	0	15,667	-239	0	904,859
Total	231,800	112,371	39,565	0	15,667	79,864	0	904,859

Strawberry Reservoir Operation Study
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Oct-1971	19,100	3,359	2,663	0	15,759	13,078	0	917,937
Nov-1971	17,600	4,262	788	0	15,848	12,550	0	930,487
Dec-1971	5,000	6,193	158	0	15,838	-1,351	0	929,135
Jan-1972	3,700	7,513	158	0	15,810	-3,971	0	925,164
Feb-1972	1,500	7,763	158	0	15,765	-6,421	0	918,743
Mar-1972	9,600	10,792	1,261	0	15,748	-2,453	0	916,290
Apr-1972	22,100	14,207	2,835	0	15,783	5,058	0	921,348
May-1972	49,000	14,100	5,682	0	15,989	29,218	0	950,566
Jun-1972	37,900	16,100	7,355	0	16,091	14,445	0	965,011
Jul-1972	15,500	19,000	7,724	0	16,012	-11,224	0	953,787
Aug-1972	7,100	15,800	6,725	0	15,903	-15,425	0	938,362
Sep-1972	5,700	3,900	5,089	0	15,880	-3,289	0	935,073
Total	193,800	122,989	40,597	0	15,880	30,214	0	935,073
Oct-1972	20,700	3,007	2,700	0	15,986	14,993	0	950,067
Nov-1972	17,900	3,924	799	0	16,079	13,177	0	963,244
Dec-1972	6,100	5,548	161	0	16,081	391	0	963,635
Jan-1973	2,500	6,463	161	0	16,052	-4,124	0	959,511
Feb-1973	3,000	6,817	161	0	16,024	-3,978	0	955,533
Mar-1973	2,600	8,066	1,282	0	15,977	-6,748	0	948,785
Apr-1973	9,400	10,543	2,876	0	15,948	-4,019	0	944,767
May-1973	95,600	3,065	5,741	0	16,560	86,794	0	1,031,560
Jun-1973	51,000	11,708	7,618	0	16,783	31,674	0	1,063,235
Jul-1973	27,000	21,000	8,056	0	16,769	-2,056	0	1,061,179
Aug-1973	13,400	18,800	7,043	0	16,681	-12,443	0	1,048,736
Sep-1973	10,100	6,500	5,338	0	16,669	-1,738	0	1,046,998
Total	259,300	105,441	41,934	0	16,669	111,925	0	1,046,998
Average Annual	185,880	147,544	35,112	0	13,641	3,224	0	671,801

**UTAH LAKE
STORAGE VOLUMES**



Utah Lake Average Volume

Baseline and Proposed Action Interim Operation

Utah Lake End of Month Storage (Acre-Feet)
Baseline Conditions

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual Average
1930	481,685	513,493	546,452	588,735	647,027	685,674	671,184	635,061	553,113	479,760	417,783	388,696	550,722
1931	398,440	422,395	457,002	493,500	531,856	563,738	559,478	477,495	398,666	296,230	275,803	243,727	426,527
1932	234,923	268,996	309,747	350,722	409,520	448,379	452,898	386,645	428,226	338,470	289,039	241,280	346,571
1933	254,488	285,000	307,107	349,768	388,467	437,119	443,617	427,667	346,400	285,000	232,412	200,465	329,793
1934	196,603	219,781	255,481	292,122	327,090	344,399	303,831	244,197	194,372	171,466	140,167	100,983	232,541
1935	95,040	120,409	161,578	197,775	235,122	247,854	258,785	249,966	221,560	160,000	120,446	97,016	180,463
1936	92,139	107,415	133,844	180,678	235,801	268,307	301,767	285,000	285,000	258,344	217,680	179,379	212,113
1937	176,162	215,440	278,150	312,051	368,273	421,794	447,986	457,320	421,898	367,048	299,428	249,833	334,615
1938	268,687	298,162	348,620	403,491	442,408	490,316	517,124	568,433	539,249	473,136	401,325	341,435	424,366
1939	345,839	375,847	428,228	475,727	523,634	581,267	571,754	505,408	446,681	360,064	292,804	285,000	432,688
1940	295,299	316,099	350,964	402,364	461,162	496,175	506,672	436,568	349,502	276,511	213,508	191,577	358,033
1941	186,251	221,055	260,225	300,557	356,292	417,566	426,595	389,318	355,226	302,429	261,721	220,123	308,113
1942	254,735	292,510	337,982	387,939	438,872	489,127	515,605	506,872	444,782	371,173	287,556	285,000	384,346
1943	285,000	324,698	363,794	398,204	446,220	480,596	474,988	419,242	439,130	359,788	291,752	271,940	379,613
1944	274,651	304,404	354,847	398,042	450,058	504,165	560,119	595,780	639,750	551,782	460,737	397,476	457,651
1945	394,427	435,000	484,750	522,382	576,136	635,462	649,861	648,187	657,468	587,919	536,618	484,371	551,048
1946	495,364	525,553	579,107	608,834	647,463	686,339	755,130	729,958	661,848	565,521	507,838	442,091	600,420
1947	490,079	544,811	605,199	649,499	707,248	754,002	770,098	788,288	775,710	683,936	630,703	577,516	664,757
1948	592,614	632,567	668,939	728,387	761,148	785,745	800,018	810,058	759,400	660,869	582,784	516,771	691,608
1949	517,924	550,470	606,397	637,596	711,958	760,062	758,692	797,950	752,244	662,679	584,283	531,136	655,949
1950	542,690	573,174	624,454	690,538	741,842	763,272	764,980	784,476	743,479	671,315	593,161	541,254	669,553
1951	529,726	563,938	617,550	665,239	713,172	742,168	773,553	791,960	748,945	667,762	615,881	546,806	664,725
1952	562,139	600,956	665,229	729,379	790,539	864,362	958,355	1,103,236	985,598	870,000	813,970	759,232	808,583
1953	748,633	783,373	839,791	870,000	870,000	870,000	870,000	831,846	780,197	711,189	637,526	582,575	782,927
1954	576,739	600,201	645,974	688,440	731,547	767,953	755,454	682,048	624,393	534,637	448,708	402,709	621,567
1955	398,677	425,644	466,015	517,170	570,394	627,717	639,447	601,588	547,703	463,125	389,375	353,235	500,007
1956	341,668	373,173	420,813	483,321	528,398	555,449	508,978	516,237	459,577	379,107	300,569	283,062	429,196
1957	278,428	313,429	362,450	411,234	452,928	491,718	535,780	556,863	611,203	524,369	449,070	399,846	448,943
1958	404,558	444,187	498,436	537,252	594,447	638,520	665,768	731,779	675,750	579,454	503,409	453,522	560,590
1959	439,800	475,070	518,282	566,075	626,428	656,966	649,567	595,444	526,426	442,678	371,034	332,539	516,692
1960	336,626	352,054	392,222	441,467	492,215	541,687	532,321	467,120	374,982	285,000	226,257	190,064	386,001
1961	202,104	256,636	293,244	327,724	363,365	389,077	382,759	328,160	250,974	194,513	160,000	152,998	275,129
1962	175,046	209,492	247,251	285,406	349,726	396,004	429,281	408,044	367,458	285,000	246,692	225,233	302,053
1963	221,639	262,528	283,194	329,889	364,026	396,565	421,326	369,060	341,675	278,055	214,738	201,462	307,013
1964	193,803	240,227	279,192	316,792	344,789	393,909	440,202	456,679	470,382	394,311	315,216	285,000	344,209
1965	285,000	327,822	390,223	444,871	462,843	498,011	528,076	519,794	606,842	551,877	507,026	498,423	468,401
1966	500,207	551,623	609,900	645,396	686,450	718,538	691,406	673,697	592,254	497,647	423,531	383,293	581,162
1967	389,376	415,672	469,061	521,112	570,430	617,652	593,567	595,190	664,309	599,916	521,659	478,647	536,382
1968	475,621	515,975	568,805	608,242	662,837	708,656	730,476	744,725	728,299	655,530	610,587	556,426	630,515
1969	561,536	605,012	658,781	714,137	771,514	802,672	863,962	831,889	801,155	732,356	657,925	614,497	717,953
1970	638,095	679,398	721,806	776,508	830,213	854,594	852,901	824,734	807,451	730,068	656,879	625,243	749,824
1971	625,643	700,656	742,445	793,730	847,715	870,000	870,000	870,000	828,691	735,382	663,597	634,191	765,171
1972	647,599	701,285	764,112	793,378	836,623	867,031	870,000	849,767	798,967	699,117	619,444	571,318	751,554
1973	605,134	650,997	700,649	752,376	798,161	856,345	870,000	890,773	851,029	764,972	690,498	662,160	757,758
Mean	386,610	422,651	468,598	513,365	560,599	599,703	612,372	599,648	564,954	487,716	424,571	385,899	502,224

Utah Lake End of Month Storage (Acre-Feet)
Proposed Action Interim Operation

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Annual Average
1930	480,049	508,485	538,859	577,674	633,335	667,935	649,717	607,853	514,365	443,381	384,053	357,200	530,242
1931	370,908	392,782	425,983	462,041	501,947	534,779	536,135	458,989	384,053	285,000	255,366	228,765	403,062
1932	223,849	256,841	293,445	332,177	392,353	435,789	454,374	403,939	422,480	357,552	322,883	285,000	348,390
1933	299,709	330,186	352,740	394,407	433,390	484,945	500,463	493,341	411,591	345,028	286,173	265,247	383,102
1934	266,263	286,856	319,744	352,417	384,564	400,769	364,236	304,836	251,630	225,407	181,654	144,981	290,280
1935	142,053	162,273	199,897	233,925	270,128	279,614	288,703	288,591	275,804	209,820	161,914	144,862	221,465
1936	144,841	159,554	184,219	228,376	283,124	310,540	358,890	351,638	345,195	311,222	289,442	251,507	268,212
1937	252,304	287,674	348,607	383,362	442,531	500,553	540,492	530,738	499,055	455,734	394,947	348,593	415,382
1938	357,893	389,568	440,368	493,459	532,759	584,358	623,648	633,256	582,220	526,442	460,276	403,919	502,347
1939	406,652	438,683	490,421	535,986	583,797	644,540	645,441	586,647	536,639	454,033	388,422	349,819	505,090
1940	361,377	386,698	419,534	469,650	529,214	564,315	577,452	517,559	436,983	351,574	285,246	269,281	430,740
1941	266,885	299,905	337,592	376,598	433,416	496,571	509,300	485,008	463,828	419,012	365,679	327,384	398,431
1942	355,253	388,635	431,472	476,354	526,256	577,094	611,583	614,125	562,321	496,883	418,985	373,833	486,066
1943	365,765	407,806	447,185	480,892	530,409	566,590	569,008	527,634	518,846	452,541	394,889	353,198	467,897
1944	348,823	384,890	439,711	483,884	538,186	592,912	652,719	676,838	648,954	563,811	475,459	415,465	518,471
1945	412,680	449,762	495,755	528,277	580,502	638,232	660,712	657,083	630,811	567,224	517,715	466,901	550,471
1946	476,908	505,679	558,748	585,099	622,783	662,662	711,330	655,192	595,382	510,110	461,079	402,268	562,270
1947	447,510	501,175	558,344	598,459	654,501	701,455	726,936	698,985	677,692	588,845	538,461	487,908	598,356
1948	500,563	539,053	575,683	631,160	663,164	686,609	709,008	670,599	619,471	530,220	461,043	402,413	582,416
1949	403,301	434,216	487,281	515,240	588,748	638,456	649,741	650,127	603,147	525,111	456,664	411,374	530,284
1950	420,427	449,338	497,111	561,106	612,722	635,762	639,605	621,237	567,652	514,823	449,242	407,699	531,394
1951	398,250	430,798	484,032	529,335	577,448	607,717	635,304	640,224	601,693	531,765	485,498	421,860	528,660
1952	435,114	472,158	533,301	595,827	657,366	727,851	862,385	1,037,957	935,498	846,000	790,886	736,963	719,276
1953	727,105	759,518	813,128	865,902	870,000	870,000	870,000	832,672	744,671	677,435	605,996	552,813	765,770
1954	547,968	569,863	612,634	649,852	692,857	728,749	724,151	660,472	610,267	527,477	448,837	409,961	598,591
1955	405,594	429,551	465,601	512,660	563,785	618,945	631,458	604,209	559,895	483,742	416,881	386,355	506,556
1956	371,469	404,453	452,890	515,091	561,125	589,219	551,723	526,626	465,519	399,221	331,873	285,000	454,517
1957	285,000	320,130	370,268	417,601	460,571	500,076	549,904	584,603	576,457	507,187	446,372	408,447	452,218
1958	412,176	446,405	493,444	525,195	578,984	621,727	654,047	649,478	597,082	511,395	444,940	403,665	528,212
1959	388,106	419,130	459,975	502,020	559,720	588,680	587,605	541,376	480,172	404,232	339,439	307,526	464,832
1960	310,106	327,155	364,880	412,108	462,444	511,904	511,029	457,060	375,075	285,486	229,299	197,143	370,308
1961	212,174	266,289	297,074	327,217	360,013	382,975	380,903	332,792	258,246	206,023	174,311	167,477	280,458
1962	187,149	218,108	252,367	285,000	344,797	387,458	431,183	429,200	385,576	316,652	285,000	270,540	316,086
1963	270,744	306,218	320,896	361,225	392,146	421,858	450,607	409,349	394,136	313,711	275,415	266,580	348,574
1964	263,510	303,628	336,130	374,310	404,547	453,610	500,852	530,240	539,928	478,526	411,181	368,311	413,731
1965	362,841	406,160	466,916	524,525	549,099	587,272	623,324	609,761	584,970	534,131	490,951	483,198	518,596
1966	486,783	534,832	589,233	623,906	663,112	697,721	679,981	638,083	566,851	480,789	413,609	379,011	562,826
1967	386,984	411,897	462,038	511,517	560,023	605,481	586,768	577,662	573,956	517,741	450,568	416,084	505,060
1968	415,145	452,709	502,801	538,606	593,103	637,072	662,496	652,039	607,019	545,248	503,194	451,646	546,757
1969	458,300	499,493	549,450	604,044	659,836	691,650	743,337	681,637	646,892	581,721	510,921	470,382	591,472
1970	497,769	536,705	575,376	624,417	676,735	700,752	704,637	676,999	636,393	562,936	493,839	465,332	595,991
1971	469,307	540,776	577,480	624,372	676,791	719,078	754,703	735,872	690,840	600,926	532,270	505,786	619,017
1972	521,718	576,834	642,255	675,164	719,142	754,357	762,884	736,080	680,688	584,007	507,199	461,486	635,151
1973	497,747	541,393	586,734	635,381	680,579	740,117	775,417	811,882	768,128	683,587	611,226	584,566	659,730
Mean	377,615	412,142	455,718	498,541	545,501	585,199	604,868	586,147	541,547	470,766	412,484	374,949	488,790

Reservoir Simulation Input Data

Data File: utahlake.dat

Deer Creek Storage Releases Allowed for New Demands

Q25MIN	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
UPFACT=	1.0000	Upper Provo River Factor												
UCFACT=	1.0000	Utah County	M&I Demand Factor											
SLCFACT=	1.0000	Salt Lake County	M&I Demand Factor											
FRFACT=	1.0000	Francis Irrigation	Demand Factor											
HBFACT=	1.0000	Heber Irrigation	Demand Factor											
WFFACT=	1.0000	Weber Provo	Diversion Factor											
SMNAL =	50000.	Provo River Project Reserve	not Allowed to New M&I											
SMNUP =	1.	Upper Provo Reservoir Reserve												
SMNJUD =	27000.	Jordanelle Reservoir Reserve												

Reservoir Parameters

Stewart Ranch	NP, SMX ...	13	(Not Used)	0.	0.	0.05	0.	0.14	0	4	0.41	0.29	0.45	0.43	0.38	0.29	0.29	2.81
EVRT WY	0.19	0.09	0.05	0.00	0.05	0.00	0.00	0.00	0.29	0.41	0.41	0.600.	600.	600.	600.	600.	600.	0.
QRMN WY	600.	600.	600.	600.	600.	600.	600.	600.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
QSM WY	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

Elevation-Area-Capacity Table

6941.0	6960.0	7000.0	7040.0	7080.0	7120.0	7160.0	7200.0	7240.0	7280.0	
7320.0	7360.0	7400.0	7440.0	7480.0	7520.0	7560.0	7600.0	7640.0	7680.0	
0.0	31.0	114.0	194.0	354.0	589.0	934.0	1209.0	1538.0	1907.0	
2356.0	2809.0	3266.0	3266.0	3202.0	9376.0	20334.0	39188.0	69640.0	112488.0	
0.0	294.0	424884.0	546884.0	320200.	1020.	320200.	0	0	167426.0	236330.0

Jordanelle Reservoir

NP, SMX ...	15	320200.	1020.	320200.	0	0	0	0	0	0	0	0	0	0	0	0	0	0.
EVRT WY	0.19	0.09	0.05	0.02	0.05	0.14	0.29	0.41	0.45	0.43	0.38	0.29	0.29	0.29	0.29	0.29	0.29	2.81
QRMN WY	7500.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	7500.
QSM WY	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

Elevation-Area-Capacity Table

5787.0	5880.0	5920.0	5960.0	6000.0	6040.0	6080.0	6120.0	6160.0	6200.0
6240.0	6280.0	6320.0	6360.0	6400.0	6440.0	6480.0	6520.0	6560.0	6600.0
0.0	8.0	135.0	370.0	621.0	1026.0	1647.0	2289.0	2998.0	3717.0
4343.0	5032.0	5765.0	6610.0	7323.0	7323.0	119118.0	197848.0	303584.0	437868.0
0.0	8.0	2862.0	12970.0	32800.0	65696.0	1528648.0			
599054.0	786552.0	1002496.0	1249998.0	1528648.0					

Deer Creek Reservoir

NP, SMX ...	16	152600.	2600.	152600.
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ORMN WY	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.
QSM WY	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Elevation-Area-Capacity Table											
5295.0	5304.0	5323.7	5348.7	5355.3	5359.6	5363.6	5372.3	5391.7	5397.6		
5411.8	5414.5	5417.0	5440.0	5480.0	5520.0						
0.0	250.0	622.0	1048.0	1199.0	1302.0	1374.0	1509.0	1908.0	2051.0		
2503.0	2604.0	2683.0	3418.0	5730.0	8591.0						
0.0	2600.0	11000.0	31700.0	38500.0	44500.0	59100.0	69600.0	95400.0	114400.0		
139100.0	146100.0	152600.0	221400.0	320571.0	690789.0						

Utah Lake											
NP, SMX ...											
EVRT WY	0.26	0.08	0.04	0.03	0.05	0.20	0	0			
ORMN WY	0.	0.	0.	0.	0.	0.	0.	0.			
QSM WY	0.	0.	0.	0.	0.	0.	0.	0.			
Elevation-Area-Capacity Table											
4476.0	4477.0	4478.0	4479.0	4480.0	4481.0	4482.0	4483.0	4484.0	4485.0		
4486.0	4487.0	4488.0	4489.0	4490.0	4491.0	4492.0					
0.0	18700.0	36500.0	53900.0	63300.0	69200.0	73300.0	76800.0	80200.0	83400.0		
86500.0	88900.0	91500.0	94300.0	97200.0	99600.0	102100.0					
0.0	7600.0	35500.0	81800.0	140600.0	207200.0	278500.0	353600.0	432100.0	513800.0		
598800.0	686500.0	776700.0	869600.0	963300.0	1063700.0	1164500.0					

Land Use Parameters

Provo River Project Demand ACRES = 0. EFF = 0.380 RFF = 0.800 LQIN= 10
Demands from file: usbrdata\col11dc
AREAF = 1.000 EFMI = 1.000 QDMIY = 100000.
CUN WY 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
QMIP 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
RTFLO FACT 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Francis Area Supp. Irrigation ACRES = 4304. EFF = 0.500 RFF = 0.800 LQIN= 11
Demands from file: usbrdata\supirfra
AREAF = 1.000 EFMI = 1.000 QDMIY = 0.
CUN WY 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.08 0.26 0.38 0.34 0.19 1.25
QMIP 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
RTFLO FACT 0.50 0.30 0.20 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Heber Area Supp. Irrigation ACRES = 14680. EFF = 0.509 RFF = 0.800 LQIN= 12
Demands from file: usbrdata\supirheb
AREAF = 1.000 EFMI = 1.000 QDMIY = 0.
CUN WY 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.14 0.35 0.40 0.36 0.14 1.39
QMIP 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
RTFLO FACT 0.50 0.30 0.20 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Utah County M&I ACRES = 0. EFF = 0.278 RFF = 0.900 LQIN= 15
Demands from file: usbrdata\col123j1
AREAF = 1.000 EFMI = 1.000 QDMIY = 0.
CUN WY 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
QMIP 0.0830 0.0830 0.0830 0.0830 0.0830 0.0830 0.0830 0.0830 0.0830 0.0840 0.0840 0.0840 1.0000
RTFLO FACT 0.50 0.30 0.20 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Salt Lake County M&I ACRES = 0. EFF = 0.600 RFF = 0.500 LQIN= 16
Demands from file: usbrdata\col122j17
AREAF = 0.900 EFMI = 1.000 QDMIY = 0.
CUN WY 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
QMIP 0.0830 0.0830 0.0830 0.0830 0.0830 0.0830 0.0830 0.0830 0.0830 0.0840 0.0840 0.0840 1.0000
RTFLO FACT 0.50 0.30 0.20 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Downstream Demands on Provo Riv.ACRES = 0. EFF = 0.600 RFF = 0.000 LQIN= 8
Demands from file: usbrdata\downsdmd
AREAF = 0.500 EFMI = 1.000 QDMIY = 0.
CUN WY 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
QMIP 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
RTFLO FACT 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Utah Lake Demand (82,000 CUP) ACRES = 0. EFF = 1.000 RFF = 0.000 LQIN= 0
AREAF = 1.000 EFMI = 1.000 QDMIY = 14f
CUN WY 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

RTFL0 FACT 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Provo River Simulation Jordanelle Reservoir Full Weber P-Lovo Development

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PROVO R AT WDLND W/O DUCH T(1950-63 COR W PR NR K 1930-49 NF VIV PK)													
QIN(1) Input Streamflow (Acre-Feet)		PROVO R AT WDLND W/O DUCH T(1950-63 COR W PR NR K 1930-49 NF VIV PK)											
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	4110.	2660.	4230.	4190.	3870.	3770.	9580.	31820.	28400.	15220.	8450.	5090.	121390.
1931	4630.	3080.	3600.	3430.	2760.	2680.	5690.	24230.	11550.	2200.	1530.	1390.	66770.
1932	1920.	8310.	2800.	2060.	2810.	3870.	10370.	42220.	46470.	1860.	8450.	4010.	151650.
1933	2740.	5180.	3150.	2190.	3520.	8090.	28110.	39370.	11470.	2370.	113630.	2390.	113630.
1934	2260.	8000.	2680.	2300.	2240.	2070.	4360.	19370.	8130.	1010.	890.	1130.	54440.
1935	1430.	16470.	2500.	2000.	1940.	1990.	6070.	30880.	43190.	10060.	4430.	2590.	123550.
1936	2370.	7180.	2620.	2300.	2390.	3350.	13510.	46840.	29770.	20310.	7800.	3740.	142180.
1937	2930.	3620.	3170.	2780.	2840.	4030.	11050.	44780.	28220.	20310.	9470.	4240.	137440.
1938	3430.	3530.	3600.	3010.	2710.	5090.	12020.	42770.	37430.	21830.	8560.	4710.	148690.
1939	3560.	3050.	3510.	2980.	2550.	4740.	31540.	18740.	9560.	4120.	2920.	96740.	2470.
1940	3130.	6480.	2740.	2780.	2810.	2630.	6500.	3030.	15340.	7260.	2770.	87940.	126350.
1941	2340.	6930.	2800.	2390.	2490.	3930.	7420.	36620.	30710.	18130.	8120.	4470.	132350.
1942	3320.	3050.	3550.	3330.	2730.	3250.	12760.	35300.	35310.	20560.	5630.	3560.	145610.
1943	2800.	4680.	3270.	4030.	3280.	4900.	13580.	38150.	40490.	19320.	7280.	3830.	144460.
1944	3360.	3710.	3110.	2780.	2310.	3180.	9050.	41510.	43820.	22090.	6280.	3260.	11820.
1945	2690.	4540.	3090.	2580.	3840.	3570.	8940.	41360.	39130.	26790.	5680.	5680.	154030.
1946	3490.	2440.	3740.	3430.	2840.	4390.	14600.	37730.	26040.	10400.	5450.	3130.	117680.
1947	3810.	2880.	3390.	2580.	2600.	4160.	10210.	42660.	39130.	12980.	9470.	5090.	138960.
1948	3450.	3270.	3390.	2710.	2840.	3230.	12070.	40910.	25070.	7840.	5190.	2550.	112520.
1949	2820.	3810.	3490.	3220.	2360.	4600.	13050.	422740.	43420.	17890.	7070.	4710.	149180.
1950	3780.	4280.	3510.	4160.	3180.	3540.	11170.	40800.	68510.	17200.	9900.	3470.	173500.
1951	3110.	3480.	4400.	4910.	4300.	3920.	10410.	49090.	52110.	19780.	7890.	5340.	171840.
1952	3830.	3740.	3810.	3720.	3490.	3270.	12770.	55680.	59790.	15190.	9760.	4040.	179090.
1953	3080.	3040.	3080.	2910.	2790.	3460.	8520.	22580.	45330.	16130.	6430.	4680.	122030.
1954	2676.	2577.	2860.	2530.	2461.	3210.	13570.	39000.	414530.	7640.	2859.	2085.	95998.
1955	2528.	2504.	2657.	2300.	2109.	3070.	5157.	41830.	22370.	12280.	5640.	3605.	106050.
1956	2839.	3544.	4130.	3995.	4470.	3995.	4177.	12460.	49570.	35740.	131100.	6377.	142976.
1957	2502.	2003.	2683.	2302.	2385.	2730.	5100.	28460.	76210.	15860.	11570.	5491.	157296.
1958	3330.	3188.	3525.	3515.	3189.	3360.	8780.	51370.	30180.	13310.	4886.	2706.	131339.
1959	2470.	2258.	2690.	2399.	2511.	3050.	9540.	32380.	27050.	13600.	5487.	3119.	106554.
1960	4780.	5730.	3415.	2591.	3208.	13370.	38770.	20030.	112400.	3673.	2379.	111641.	111641.
1961	3149.	3083.	2927.	2105.	1922.	2653.	6439.	26660.	9250.	779.	1141.	5860.	65968.
1962	4810.	6820.	4950.	4828.	5379.	4625.	18490.	43020.	53990.	16130.	10760.	3462.	177264.
1963	3183.	2554.	2556.	1756.	2886.	2834.	5229.	40800.	27190.	11410.	6829.	4640.	111867.
1964	2835.	2797.	2629.	2238.	1986.	2394.	4632.	42020.	48470.	15880.	7510.	4144.	137535.
1965	3120.	2984.	3028.	3056.	2372.	2907.	9420.	39600.	68880.	25660.	12490.	139219.	139219.
1966	5333.	3874.	3623.	3383.	2927.	4433.	14101.	3930.	14880.	41531.	180133.	5288.	120175.
1967	3232.	3046.	3068.	2873.	4180.	6906.	33820.	65250.	22660.	9070.	5407.	162577.	162577.
1968	3715.	3216.	3441.	3296.	2971.	3712.	6617.	31270.	61466.	13180.	8510.	5676.	147070.
1969	3376.	3095.	3175.	3040.	3255.	3355.	13636.	58565.	23490.	11670.	7419.	4530.	135955.
1970	2927.	2456.	2101.	2214.	2324.	2658.	3816.	39841.	41531.	5288.	120175.	5749.	158454.
1971	3762.	3861.	4667.	3576.	4544.	17166.	40339.	47461.	16568.	7382.	5320.	142020.	142020.
1972	4490.	3840.	3545.	3045.	6485.	11341.	47263.	39826.	9299.	5920.	3623.	135955.	135955.
1973	4967.	4310.	3855.	3395.	2910.	3295.	6380.	47458.	34480.	10717.	7808.	6360.	135955.
MEAN	3293.	4213.	3270.	3055.	2852.	3591.	9850.	38925.	36837.	14065.	6724.	3968.	130644.

QIN(2) Input Streamflow (Acre-Feet)		FUTURE MODIFIED DIVERSSIONS OF DUCHESNE TUNNEL											
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	1000.	900.	700.	700.	900.	2400.	9300.	17900.	400.	2200.	800.	37900.	
1931	1800.	1200.	1200.	1100.	1100.	1100.	7400.	3400.	0.	0.	0.	19300.	
1932	0.	700.	600.	500.	600.	200.	12600.	23500.	4200.	400.	200.	45800.	
1933	400.	400.	200.	200.	200.	200.	2500.	21500.	1100.	100.	0.	27000.	
1934	0.	300.	200.	200.	200.	200.	2000.	0.	0.	0.	0.	3800.	
1935	0.	400.	300.	300.	300.	300.	1100.	5800.	11000.	800.	100.	0.	
1936	0.	400.	300.	300.	300.	300.	1000.	24400.	13500.	3800.	1900.	700.	
1937	300.	600.	500.	400.	300.	400.	900.	20600.	9800.	2200.	100.	200.	
1938	600.	500.	500.	400.	400.	500.	900.	11900.	17000.	1900.	100.	800.	
1939	1000.	900.	800.	700.	600.	800.	3000.	15200.	4100.	0.	0.	35500.	
1940	800.	400.	200.	200.	200.	300.	1400.	16700.	3100.	0.	0.	400.	
1941	1700.	1000.	600.	500.	500.	600.	800.	18800.	18800.	3200.	1000.	200.	
1942	800.	700.	300.	300.	300.	300.	2000.	9700.	18300.	1900.	0.	0.	
1943	300.	400.	200.	200.	200.	300.	400.	3000.	16900.	18200.	4500.	1500.	
1944	400.	700.	500.	500.	400.	500.	1800.	14600.	18200.	3600.	0.	0.	
1945	400.	400.	300.	300.	300.	300.	500.	11300.	16400.	4800.	2200.	0.	
1946	200.	700.	600.	600.	500.	600.	5200.	14600.	10300.	0.	0.	33300.	
1947	600.	600.	600.	600.	400.	600.	1200.	19400.	7200.	4200.	700.	0.	
1948	200.	500.	400.	400.	300.	400.	800.	14000.	9100.	0.	0.	46000.	
1949	0.	400.	400.	400.	300.	400.	2200.	12100.	10100.	4400.	0.	0.	
1950	500.	600.	400.	400.	300.	400.	1800.	10400.	10100.	6100.	100.	30700.	
1951	300.	600.	600.	600.	500.	600.	1600.	12100.	10100.	6400.	1500.	0.	
1952	600.	600.	600.	600.	500.	500.	2100.	0.	0.	5500.	1900.	1100.	
1953	600.	400.	400.	400.	300.	400.	1100.	1300.	21400.	1900.	600.	0.	
1954	100.	500.	500.	400.	400.	400.	1800.	15600.	1300.	0.	100.	300.	
1955	200.	400.	400.	400.	400.	400.	500.	11100.	13500.	0.	300.	31400.	
1956	0.	600.	700.	700.	600.	500.	2200.	14900.	7200.	4200.	700.	0.	
1957	0.	400.	400.	400.	400.	500.	700.	5800.	10400.	7700.	500.	200.	
1958	200.	700.	600.	600.	600.	600.	1200.	18600.	14300.	100.	0.	27400.	
1959	0.	400.	400.	400.	400.	400.	1200.	3700.	18900.	1300.	0.	0.	
1960	400.	1100.	600.	500.	500.	700.	2700.	10800.	12000.	0.	0.	27600.	
1961	0.	600.	600.	400.	300.	400.	800.	4600.	700.	0.	0.	27800.	
1962	1400.	1400.	1000.	800.	800.	800.	4800.	12900.	24400.	900.	0.	0.	
1963	300.	400.	300.	200.	300.	400.	600.	12100.	16800.	0.	100.	200.	
1964	0.	700.	500.	500.	400.	400.	500.	12100.	14800.	4600.	0.	0.	
1965	2400.	1100.	800.	600.	600.	600.	2100.	15100.	5400.	0.	0.	34500.	
1966	0.	1000.	500.	500.	1000.	500.	800.	9100.	16500.	10800.	400.	0.	
1967	0.	600.	700.	600.	500.	500.	500.	5300.	2100.	3500.	2300.	0.	
1968	0.	500.	500.	400.	400.	400.	500.	1500.	7300.	8300.	0.	0.	
1969	500.	700.	500.	400.	300.	400.	600.	1100.	8500.	27100.	10400.	0.	
1970	900.	1000.	500.	400.	300.	400.	600.	400.	11500.	17600.	4600.	0.	
1971	0.	700.	500.	400.	300.	400.	600.	600.	7400.	20300.	5100.	0.	
1972	700.	700.	600.	500.	300.	400.	600.	600.	12900.	10100.	800.	0.	
1973	1600.	1100.	900.	600.	400.	400.	700.	17600.	14400.	6400.	1800.	1300.	
MEAN	482.	641.	523.	473.	418.	486.	1468.	11375.	12480.	2711.	450.	211.	

QIN(4) Input Streamflow (Acre-Feet) WEBER PROVO DIVERSION WITH FULL DEV. OF PROVO RIVER PROJECT

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	3100.	3100.	4300.	4000.	0.	0.	0.	0.	0.	22000.
1931	3400.	3100.	3100.	5600.	300.	0.	0.	0.	0.	22000.
1932	2800.	3100.	3100.	3700.	40800.	46400.	0.	0.	0.	112700.
1933	0.	3100.	2900.	2800.	5000.	6000.	17300.	0.	0.	42400.
1934	0.	2600.	2600.	2700.	2400.	3500.	8100.	0.	0.	21900.
1935	0.	2600.	2800.	2800.	2500.	3100.	7500.	4400.	23000.	48700.
1936	0.	3100.	3100.	2900.	3400.	16500.	54200.	19600.	0.	105900.
1937	0.	3900.	3400.	2800.	3400.	8900.	45300.	6400.	0.	77200.
1938	0.	4500.	3700.	3400.	3100.	13700.	33500.	17200.	0.	82800.
1939	0.	4800.	4400.	3700.	3300.	4600.	1000.	8100.	800.	30700.
1940	0.	2900.	2400.	2300.	3200.	4500.	0.	0.	0.	17600.
1941	0.	3400.	3200.	3100.	2600.	3400.	4200.	0.	0.	19900.
1942	0.	4600.	3900.	3500.	3100.	3700.	16100.	18300.	0.	82300.
1943	0.	3300.	3100.	2900.	2600.	3500.	20800.	24500.	23200.	83900.
1944	0.	4100.	3400.	3000.	2800.	3100.	4900.	35800.	39600.	96700.
1945	0.	4000.	3700.	3500.	3200.	3700.	4800.	10300.	20100.	53300.
1946	0.	4800.	4000.	3600.	3100.	4600.	22000.	26100.	0.	68900.
1947	0.	4200.	4000.	3400.	3200.	4300.	9400.	30500.	0.	59000.
1948	0.	4200.	4100.	3900.	3600.	4300.	9100.	37800.	5700.	72700.
1949	0.	3400.	3400.	3000.	3800.	14600.	25400.	0.	0.	57000.
1950	0.	4400.	3900.	3600.	3300.	3700.	13600.	13900.	0.	49200.
1951	0.	5100.	4600.	4200.	4000.	4100.	12700.	11700.	0.	46400.
1952	0.	4600.	3900.	3500.	2900.	3400.	15500.	0.	0.	36500.
1953	0.	3800.	3100.	3200.	2800.	3700.	7600.	4400.	23300.	51900.
1954	0.	3300.	3100.	3100.	3000.	3000.	9000.	0.	0.	24500.
1955	0.	3000.	2800.	2800.	2500.	4500.	1700.	0.	0.	19800.
1956	0.	3400.	4500.	4200.	3000.	4600.	14900.	40600.	19200.	94400.
1957	0.	3300.	2500.	2600.	2700.	3200.	5300.	21600.	53400.	96800.
1958	0.	3700.	3400.	3100.	3200.	3500.	6200.	40400.	13300.	76800.
1959	0.	3200.	2900.	2900.	2500.	3300.	7300.	0.	0.	22400.
1960	0.	4500.	3100.	2800.	2500.	1400.	1400.	0.	0.	15700.
1961	0.	3000.	2600.	2400.	2300.	2900.	4600.	2200.	0.	20000.
1962	0.	3900.	3100.	2800.	3300.	3600.	17600.	27400.	25100.	86800.
1963	0.	3000.	2900.	2800.	3100.	2900.	5500.	10000.	0.	21200.
1964	0.	3500.	3000.	2600.	2300.	4600.	30300.	43000.	1800.	93100.
1965	0.	3400.	3600.	3200.	3000.	2800.	8600.	31200.	55500.	122200.
1966	0.	5100.	4600.	4100.	3300.	4200.	2400.	21100.	0.	62600.
1967	0.	4200.	3700.	3500.	2900.	3900.	5600.	23200.	31000.	44800.
1968	0.	4200.	3900.	3400.	3100.	3800.	6000.	24300.	0.	88100.
1969	0.	4600.	4200.	3800.	3300.	3800.	15400.	0.	0.	48700.
1970	0.	3800.	3400.	3500.	3100.	4500.	26200.	14800.	0.	36800.
1971	0.	4300.	4400.	4900.	4000.	4400.	14300.	27400.	700.	62600.
1972	0.	4700.	4200.	4100.	3700.	6700.	13400.	29700.	0.	64400.
1973	0.	5100.	4600.	3900.	3300.	3600.	5400.	34800.	0.	66500.
MEAN	3832.	3507.	3291.	2982.	2586.	0.	0.	0.	0.	57452.

QIN(5) Input Streamflow (Acre-Feet)					DRAIN TUNNEL CRK HIST FLOW (USBR JORDAN COL 65) (1974-81 COR NF PR)								
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	1000.	1000.	1000.	1000.	1000.	1100.	1300.	1800.	1600.	1500.	1400.	1300.	15000.
1931	600.	700.	700.	800.	800.	900.	1000.	800.	700.	700.	600.	600.	9100.
1932	1000.	1100.	1000.	1000.	1100.	1200.	1200.	1200.	1100.	1000.	900.	800.	12500.
1933	800.	800.	800.	800.	800.	1000.	1000.	1000.	800.	800.	800.	700.	10300.
1934	600.	700.	700.	700.	700.	800.	900.	800.	700.	700.	700.	700.	8800.
1935	600.	700.	600.	600.	600.	700.	800.	700.	600.	600.	600.	600.	7600.
1936	600.	700.	800.	700.	800.	800.	1000.	1100.	1100.	1100.	1100.	1100.	9300.
1937	900.	1000.	1000.	1000.	1000.	1100.	1100.	1100.	1100.	1100.	1100.	1100.	11900.
1938	1100.	1200.	1200.	1200.	1200.	1400.	1500.	1600.	1200.	1100.	1000.	900.	14800.
1939	1000.	1100.	1100.	1100.	1100.	1200.	1400.	1400.	1200.	1200.	1000.	1000.	12900.
1940	1300.	1200.	1000.	1100.	1000.	1200.	1400.	1400.	1100.	800.	800.	900.	12800.
1941	1100.	1100.	1100.	1100.	1100.	1200.	1400.	1400.	1200.	1200.	1000.	900.	13200.
1942	1000.	1000.	1000.	1000.	1000.	1200.	1200.	1200.	1200.	1000.	1000.	600.	11600.
1943	400.	600.	600.	600.	600.	700.	800.	400.	600.	700.	600.	500.	7100.
1944	500.	700.	700.	800.	800.	900.	1000.	800.	900.	800.	800.	400.	9000.
1945	500.	600.	500.	500.	600.	600.	600.	600.	600.	500.	600.	400.	6500.
1946	500.	500.	600.	500.	600.	600.	800.	800.	600.	500.	600.	400.	7000.
1947	500.	600.	600.	600.	600.	700.	800.	700.	700.	600.	600.	500.	7500.
1948	1200.	1300.	1400.	1200.	1400.	1400.	2000.	1900.	1700.	1500.	1500.	1300.	17200.
1949	1100.	1100.	1100.	1100.	1100.	1200.	1500.	1800.	1600.	1600.	1600.	800.	14500.
1950	900.	1000.	1000.	1000.	1000.	1100.	1200.	1100.	1000.	1000.	1000.	800.	11800.
1951	900.	1000.	1000.	1000.	1000.	1000.	1000.	1100.	800.	900.	900.	800.	11200.
1952	1400.	1600.	1600.	1600.	1600.	1800.	2000.	2700.	1800.	1500.	1400.	1300.	20300.
1953	1200.	1300.	1200.	1200.	1200.	1400.	1700.	1700.	1500.	1200.	1100.	1000.	15100.
1954	1000.	1100.	1200.	1200.	1200.	1200.	1700.	1700.	1100.	1100.	1000.	1000.	13900.
1955	500.	600.	600.	600.	600.	700.	800.	700.	500.	500.	600.	400.	7100.
1956	1000.	1100.	1100.	1100.	1100.	1200.	1400.	1400.	1100.	1000.	1000.	900.	13400.
1957	1200.	1200.	1200.	1200.	1200.	1400.	1500.	1800.	1300.	1000.	1000.	1000.	15100.
1958	1300.	1300.	1300.	1300.	1300.	1500.	1700.	1800.	1200.	1000.	1200.	1200.	16100.
1959	1000.	1100.	1100.	1100.	1100.	1200.	1700.	1700.	1200.	700.	800.	900.	12900.
1960	600.	700.	700.	700.	700.	800.	600.	1000.	700.	700.	700.	800.	8700.
1961	600.	700.	600.	700.	600.	700.	800.	800.	700.	700.	700.	700.	8300.
1962	900.	1000.	800.	800.	800.	1000.	1100.	1000.	1200.	1200.	1000.	800.	10400.
1963	400.	700.	800.	800.	800.	1000.	1100.	1200.	1100.	1000.	900.	900.	11100.
1964	900.	800.	800.	800.	800.	1000.	1100.	1100.	1100.	1200.	1200.	700.	9300.
1965	1000.	1000.	1000.	1000.	1000.	1100.	1200.	1200.	1100.	1100.	1100.	1000.	10300.
1966	900.	800.	800.	800.	800.	1000.	1100.	1200.	1100.	1000.	900.	700.	11800.
1967	900.	1000.	1000.	1000.	1000.	1100.	1200.	1200.	1100.	1100.	1100.	800.	10400.
1968	1200.	1100.	1100.	1100.	1100.	1200.	1400.	1400.	1200.	1200.	1200.	800.	11900.
1969	1000.	1100.	1100.	1100.	1100.	1200.	1400.	1400.	1200.	1200.	1200.	900.	13000.
1970	500.	700.	700.	700.	700.	1000.	1100.	1200.	1100.	1100.	1100.	1000.	13200.
1971	400.	500.	500.	500.	500.	600.	600.	600.	500.	500.	500.	500.	9200.
1972	500.	500.	500.	500.	500.	600.	600.	600.	500.	500.	500.	400.	5900.
1973	1100.	1200.	1200.	1200.	1200.	1400.	1400.	1400.	1200.	1200.	1200.	1000.	14100.
MEAN	855.	923.	916.	918.	920.	1043.	1186.	1145.	934.	870.	855.	773.	11339.

Provo River Simulation Jordanelle Reservoir Full Weber Provo Development

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NATURAL FLOW AT DEER CREEK ADJUSTED TO ZERO DDMD										Ann		
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1930	14100.	15800.	17700.	15500.	15300.	16900.	21300.	22500.	23900.	13200.	12400.	11400.
1931	16600.	15100.	15100.	14000.	12100.	12700.	7800.	10900.	7500.	4100.	4800.	4200.
1932	5400.	8500.	9700.	9800.	12300.	17600.	24300.	49000.	44100.	14700.	12800.	124900.
1933	9100.	11100.	12000.	13200.	10200.	16300.	15900.	16000.	35100.	11600.	8500.	6200.
1934	7100.	8800.	8700.	10700.	10400.	10300.	4600.	6000.	4500.	3500.	3700.	82000.
1935	3700.	6200.	8100.	10100.	9600.	10200.	9100.	20800.	39000.	11200.	8900.	7000.
1936	7700.	9500.	8600.	10800.	11000.	15500.	30000.	63000.	24700.	15200.	11700.	9000.
1937	9900.	13600.	12200.	12100.	12400.	18200.	25900.	55400.	23000.	15000.	13000.	9700.
1938	11500.	13600.	14500.	12600.	11900.	21900.	27900.	49600.	33000.	15500.	12200.	10700.
1939	12100.	14900.	14300.	12600.	11200.	20600.	21000.	21700.	14300.	10500.	8100.	7200.
1940	10500.	9800.	9200.	12200.	12300.	10000.	12500.	25000.	11200.	9300.	6300.	134600.
1941	7300.	9800.	9000.	11000.	11000.	15300.	13600.	32600.	25900.	14100.	11800.	10200.
1942	11200.	14500.	14200.	13200.	11600.	14900.	32300.	29300.	30400.	14900.	9200.	7400.
1943	8700.	11300.	11900.	15200.	13200.	20700.	31300.	37300.	37200.	14400.	10700.	8000.
1944	10500.	14100.	11900.	11900.	10100.	14400.	18500.	47800.	41400.	15900.	10100.	7000.
1945	8500.	11700.	10300.	11200.	15400.	16200.	18400.	45400.	35700.	17000.	14400.	11700.
1946	11800.	16500.	15400.	13400.	12000.	19100.	41500.	37600.	21700.	10000.	9100.	6600.
1947	14700.	15300.	10700.	11000.	18500.	23100.	51900.	37500.	31800.	14900.	9200.	7400.
1948	13000.	14100.	13700.	11400.	12000.	14800.	30800.	44700.	19800.	8800.	8900.	8000.
1949	9400.	13200.	14700.	13200.	10500.	20400.	34900.	52700.	40500.	14100.	11300.	10500.
1950	18400.	15600.	11700.	15400.	14700.	18900.	35100.	56900.	62900.	17800.	13500.	10600.
1951	11500.	18200.	18900.	15100.	14600.	17600.	30500.	57900.	45900.	15200.	10000.	9100.
1952	17600.	17000.	16100.	16100.	12900.	14900.	55000.	119500.	74900.	24100.	22900.	14800.
1953	14800.	16700.	17700.	18300.	13000.	17800.	17400.	18800.	48000.	11200.	11500.	10100.
1954	11100.	14200.	12800.	15400.	15100.	15900.	19200.	23400.	10700.	9800.	8000.	7800.
1955	8900.	12600.	12000.	10500.	10500.	15500.	17000.	35000.	21400.	10600.	9700.	9100.
1956	12000.	14500.	19900.	17000.	13600.	17400.	23200.	54200.	32000.	9700.	9900.	7700.
1957	10600.	13000.	13400.	14200.	16100.	16100.	17200.	38100.	77300.	16000.	12700.	11100.
1958	15000.	17000.	13400.	12900.	14000.	18600.	26100.	62200.	27100.	9700.	9000.	8600.
1959	10400.	12600.	12900.	12400.	12300.	12300.	14800.	12600.	18600.	12600.	20900.	8800.
1960	12900.	11800.	11200.	11000.	10400.	16800.	15700.	24000.	14800.	8100.	6600.	6200.
1961	8000.	11400.	10000.	9000.	11700.	6400.	7900.	5200.	4500.	4900.	6900.	96900.
1962	9500.	12100.	12200.	11400.	21800.	15900.	43600.	50100.	53000.	13300.	10200.	8500.
1963	10400.	8900.	10400.	10800.	11600.	18000.	11800.	37900.	25700.	10400.	8100.	8800.
1964	9100.	12100.	14000.	10500.	7700.	10400.	20900.	48400.	45500.	14500.	11600.	9000.
1965	8000.	13200.	18400.	13800.	12500.	13800.	12500.	49500.	80300.	30200.	18300.	18500.
1966	17100.	16800.	16300.	13500.	12400.	21000.	23000.	35500.	13300.	8800.	6900.	9000.
1967	11200.	13500.	16100.	13600.	11900.	20100.	18200.	45500.	74700.	24800.	14800.	13200.
1968	11300.	13600.	15700.	13400.	15300.	17600.	21800.	37300.	70800.	15000.	15000.	12100.
1969	17100.	15900.	14600.	22100.	13800.	16000.	16900.	43400.	71100.	33100.	21000.	15900.
1970	17300.	16600.	15800.	14300.	14500.	11500.	11500.	33300.	41400.	15200.	11700.	12300.
1971	15700.	16600.	16600.	16000.	13600.	17600.	17600.	38700.	53300.	16200.	14300.	14600.
1972	16600.	17200.	18200.	15900.	13700.	22500.	24300.	45300.	41400.	12800.	10400.	11000.
1973	19700.	16000.	14500.	13300.	17300.	31000.	31000.	65800.	36100.	17900.	15700.	18000.
MEAN	11750.	13568.	13589.	13350.	12809.	16389.	23359.	40775.	35477.	13425.	11070.	9614.

215175.

QIN (7)	COLUMN 19 USBR JORDAN STUDY											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Year	Input Streamflow	(Acre-Feet)										
1930	0.	2200.	1900.	1900.	2200.	1900.	0.	0.	0.	0.	0.	0.
1931	0.	1600.	1500.	1400.	1500.	1600.	0.	0.	0.	0.	0.	0.
1932	0.	1100.	2600.	1200.	1400.	1500.	0.	0.	0.	0.	0.	0.
1933	0.	1700.	2300.	1400.	1200.	1400.	0.	0.	0.	0.	0.	0.
1934	0.	1400.	3300.	1300.	1200.	1300.	0.	0.	0.	0.	0.	0.
1935	0.	700.	2900.	900.	800.	1000.	0.	0.	0.	0.	0.	0.
1936	0.	1300.	3100.	1200.	1200.	1600.	0.	0.	0.	0.	0.	0.
1937	0.	1800.	2200.	1400.	1400.	1500.	0.	0.	0.	0.	0.	0.
1938	0.	2000.	2000.	1600.	1600.	1800.	0.	0.	0.	0.	0.	0.
1939	0.	1900.	1800.	1500.	1500.	1500.	1900.	0.	0.	0.	0.	0.
1940	0.	1600.	3100.	1300.	1300.	1500.	1600.	0.	0.	0.	0.	0.
1941	0.	1600.	3000.	1300.	1300.	1600.	1700.	0.	0.	0.	0.	0.
1942	0.	2300.	1900.	1900.	1900.	1900.	1900.	0.	0.	0.	0.	0.
1943	0.	2200.	2900.	1900.	1900.	2300.	0.	0.	0.	0.	0.	0.
1944	0.	2100.	2100.	1600.	1600.	2000.	0.	0.	0.	0.	0.	0.
1945	0.	1900.	3600.	1800.	1800.	1900.	0.	0.	0.	0.	0.	0.
1946	0.	2200.	1800.	2000.	2000.	2000.	0.	0.	0.	0.	0.	0.
1947	0.	2100.	4800.	1900.	1900.	1900.	0.	0.	0.	0.	0.	0.
1948	100.	2100.	1800.	1900.	1900.	1900.	0.	0.	0.	0.	0.	0.
1949	0.	1800.	1300.	1700.	1600.	1600.	0.	0.	0.	0.	0.	0.
1950	500.	2300.	4100.	2200.	2200.	2200.	0.	0.	0.	0.	0.	0.
1951	0.	2200.	1800.	2200.	2200.	2200.	0.	0.	0.	0.	0.	0.
1952	400.	3100.	2300.	2700.	2800.	2600.	13100.	0.	0.	0.	0.	0.
1953	0.	2000.	1500.	1700.	2400.	1800.	0.	0.	0.	0.	0.	0.
1954	0.	2000.	2000.	1700.	1700.	1300.	0.	0.	0.	0.	0.	0.
1955	0.	1800.	2000.	1400.	1200.	1800.	0.	0.	0.	0.	0.	0.
1956	0.	1800.	3800.	2200.	1600.	1200.	0.	0.	0.	0.	0.	0.
1957	0.	2000.	1700.	1700.	2000.	2300.	0.	0.	0.	0.	0.	0.
1958	0.	1600.	1700.	1100.	1000.	1200.	0.	0.	0.	0.	0.	0.
1959	0.	1900.	1800.	2100.	1600.	1300.	0.	0.	0.	0.	0.	0.
1960	0.	1200.	1500.	1700.	1000.	1400.	0.	0.	0.	0.	0.	0.
1961	0.	800.	800.	1000.	700.	1200.	0.	0.	0.	0.	0.	0.
1962	0.	2100.	2000.	1600.	1300.	2100.	0.	0.	0.	0.	0.	0.
1963	0.	2900.	1800.	2000.	2900.	2200.	0.	0.	0.	0.	0.	0.
1964	0.	2000.	2200.	1800.	1200.	2200.	0.	0.	0.	0.	0.	0.
1965	0.	2400.	3400.	2200.	1900.	2500.	1400.	0.	0.	0.	0.	0.
1966	0.	1100.	2500.	1700.	1400.	800.	0.	0.	0.	0.	0.	0.
1967	0.	2200.	2900.	2100.	1700.	1300.	0.	0.	0.	0.	0.	0.
1968	0.	2100.	2700.	2000.	1800.	1600.	2600.	0.	0.	0.	0.	0.
1969	0.	1900.	2700.	2000.	1000.	1900.	2700.	0.	0.	0.	0.	0.
1970	0.	1300.	2500.	1800.	1600.	2000.	0.	0.	0.	0.	0.	0.
1971	0.	1500.	2800.	2000.	1800.	1600.	0.	0.	0.	0.	0.	0.
1972	0.	1300.	3100.	2000.	1700.	800.	0.	0.	0.	0.	0.	0.
1973	0.	1400.	2800.	2100.	1900.	1800.	2400.	0.	0.	0.	0.	0.
MEAN	23.	1830.	2416.	1730.	1650.	1716.	707.	0.	0.	0.	0.	0.

QIN(8) Input Streamflow (Acre-Feet)										DOWNSTREAM DEMAND ON PROVO RIVER (USBRDATA ADJ)						
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Sep	Sep	Ann	
1930	4200.	0.	0.	0.	0.	0.	14500.	21500.	22800.	12600.	11800.	10800.	98200.	98200.		
1931	8400.	100.	0.	0.	200.	1100.	5600.	10300.	6900.	3500.	4200.	3600.	43900.	43900.		
1932	3800.	0.	0.	0.	0.	0.	7300.	26300.	25200.	14100.	12200.	9400.	98300.	98300.		
1933	8900.	1100.	0.	100.	400.	2100.	4400.	15000.	21300.	11000.	7900.	5600.	77800.	77800.		
1934	6900.	1400.	2200.	0.	0.	0.	4400.	5400.	3900.	18700.	10600.	8300.	33200.	33200.		
1935	3600.	0.	0.	0.	0.	0.	3700.	16500.	18700.	10600.	8300.	6400.	67800.	67800.		
1936	6700.	0.	0.	0.	0.	0.	0.	0.	0.	23400.	16800.	14600.	8400.	81000.		
1937	8300.	1500.	1400.	800.	1600.	0.	4700.	23400.	19100.	14400.	12400.	9100.	96700.	96700.		
1938	1900.	1000.	100.	600.	0.	0.	2200.	20900.	23400.	14900.	11600.	10100.	86800.	86800.		
1939	4200.	800.	400.	0.	100.	0.	5800.	20900.	13700.	9900.	7500.	6600.	69900.	69900.		
1940	4700.	600.	700.	400.	100.	1400.	3500.	22900.	10600.	8700.	5700.	5700.	65000.	65000.		
1941	7100.	0.	0.	0.	0.	0.	0.	100.	25700.	23100.	13500.	11200.	9600.	90300.		
1942	3300.	0.	0.	0.	0.	0.	0.	0.	7000.	19400.	23800.	14300.	8600.	83200.		
1943	7500.	0.	0.	0.	0.	0.	0.	0.	2800.	23800.	23000.	10100.	7400.	88400.		
1944	5500.	1400.	1200.	400.	1100.	600.	0.	0.	14000.	19900.	15300.	9500.	6400.	75300.		
1945	5500.	500.	400.	0.	0.	0.	0.	5800.	16700.	23400.	16400.	13800.	11100.	93600.		
1946	4000.	500.	0.	0.	0.	0.	0.	7500.	28400.	20700.	9400.	8500.	6000.	85000.		
1947	0.	1100.	1700.	0.	200.	0.	5300.	28200.	27000.	11200.	12300.	10200.	97200.	97200.		
1948	0.	500.	300.	0.	300.	0.	0.	0.	27100.	18700.	8200.	8300.	5100.	68500.		
1949	2500.	0.	0.	0.	0.	200.	0.	8300.	25500.	30100.	13500.	10700.	9900.	100700.		
1950	0.	100.	400.	0.	0.	0.	0.	7900.	23000.	32400.	17200.	12900.	10000.	103900.		
1951	3400.	0.	0.	0.	0.	0.	0.	6700.	23600.	34400.	14600.	15100.	10700.	108500.		
1952	0.	0.	100.	0.	0.	0.	0.	0.	16300.	29800.	23500.	22300.	14200.	106200.		
1953	9700.	0.	0.	0.	0.	0.	0.	0.	3100.	17000.	31800.	10600.	10900.	92600.		
1954	5500.	200.	0.	0.	0.	0.	0.	5500.	22600.	10100.	9200.	7400.	7200.	67700.		
1955	3400.	1400.	900.	700.	700.	1000.	0.	0.	23800.	20300.	10000.	9100.	8500.	79800.		
1956	0.	0.	0.	0.	0.	0.	0.	0.	4100.	27200.	30900.	9100.	7100.	87700.		
1957	0.	0.	0.	0.	0.	0.	0.	0.	0.	9800.	33000.	15400.	12100.	10500.		
1958	4500.	2000.	1500.	600.	200.	0.	0.	0.	22500.	26000.	9100.	8400.	8000.	82800.		
1959	1600.	100.	0.	0.	0.	0.	0.	1500.	3800.	17900.	20000.	8200.	6300.	7700.	67200.	
1960	1100.	0.	0.	0.	0.	0.	0.	0.	4800.	23200.	13800.	7500.	6000.	5600.	62000.	
1961	4000.	0.	0.	0.	0.	0.	0.	0.	1800.	7300.	4600.	3900.	4300.	6300.	32200.	
1962	0.	0.	0.	0.	0.	0.	0.	0.	1600.	39500.	47500.	13000.	9600.	7900.	119100.	
1963	6900.	0.	0.	0.	0.	0.	0.	0.	0.	24800.	24600.	9800.	7500.	8200.	81800.	
1964	7600.	0.	0.	0.	0.	0.	0.	0.	0.	10700.	27400.	13900.	11000.	8400.	79000.	
1965	7700.	0.	0.	0.	0.	0.	0.	0.	0.	23100.	30500.	29600.	17700.	17900.	126500.	
1966	14700.	0.	0.	100.	0.	0.	0.	0.	6600.	28600.	12700.	8200.	6300.	8400.	85600.	
1967	6400.	500.	300.	0.	0.	0.	0.	0.	800.	23100.	25700.	24200.	14200.	12600.	107800.	
1968	4300.	0.	0.	0.	0.	0.	0.	0.	0.	19200.	26000.	14400.	16500.	11500.	91900.	
1969	10200.	100.	500.	0.	0.	0.	0.	0.	0.	30100.	28600.	20400.	15300.	11600.	116800.	
1970	10500.	0.	0.	0.	0.	0.	0.	0.	400.	1500.	20900.	29400.	14600.	11100.	11700.	100100.
1971	8000.	700.	400.	0.	0.	0.	0.	0.	6100.	22100.	32400.	15600.	13700.	14000.	113000.	
1972	4000.	1000.	0.	0.	0.	0.	0.	0.	2000.	29000.	122000.	9800.	10400.	101300.	101300.	
1973	4000.	2400.	1300.	600.	200.	0.	0.	0.	15300.	32100.	17300.	15100.	17400.	105700.	105700.	
MEAN	4875.	432.	316.	93.	127.	184.	3391.	21270.	23386.	12825.	10470.	9011.	86382.			

SUPPLY TO JACOB-WELBY IRRIGATION																	
QIN(9)	Input	Streamflow	(Acre-Feet)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Ann
1930	800.	0.	0.	0.	0.	0.	500.	3300.	5500.	6300.	4900.	3700.					25000.
1931	800.	0.	0.	0.	0.	0.	400.	2600.	5000.	5000.	3900.	3000.					20100.
1932	1000.	0.	0.	0.	0.	0.	500.	3400.	5700.	6600.	5100.	3900.					26200.
1933	600.	0.	0.	0.	0.	0.	500.	3000.	5000.	5700.	4500.	3400.					22700.
1934	500.	0.	0.	0.	0.	0.	300.	1900.	3200.	3600.	2800.	2200.					14500.
1935	700.	0.	0.	0.	0.	0.	400.	2500.	4100.	4700.	3700.	2800.					18900.
1936	800.	0.	0.	0.	0.	0.	500.	3400.	5700.	6500.	5100.	3900.					25900.
1937	1000.	0.	0.	0.	0.	0.	500.	3400.	5800.	6600.	5200.	3900.					26400.
1938	800.	0.	0.	0.	0.	0.	600.	3600.	6000.	6900.	5400.	4100.					27400.
1939	800.	0.	0.	0.	0.	0.	500.	3000.	5000.	5700.	4500.	3400.					22900.
1940	700.	0.	0.	0.	0.	0.	400.	2700.	4500.	5200.	4000.	3100.					20600.
1941	800.	0.	0.	0.	0.	0.	400.	2800.	4600.	5300.	4200.	3200.					21300.
1942	1000.	0.	0.	0.	0.	0.	500.	3200.	5400.	6200.	4900.	3700.					24900.
1943	1000.	0.	0.	0.	0.	0.	500.	3500.	5800.	6700.	5300.	4000.					26800.
1944	1000.	0.	0.	0.	0.	0.	500.	3400.	5700.	6500.	5100.	3900.					26100.
1945	1000.	0.	0.	0.	0.	0.	500.	3400.	5800.	6600.	5200.	3900.					26400.
1946	1000.	0.	0.	0.	0.	0.	500.	3400.	5700.	6500.	5100.	3900.					21300.
1947	1100.	0.	0.	0.	0.	0.	500.	3500.	5900.	6800.	5300.	4000.					27100.
1948	1000.	0.	0.	0.	0.	0.	500.	3200.	5400.	6200.	4900.	3700.					24900.
1949	1100.	0.	0.	0.	0.	0.	600.	3600.	6000.	6900.	5400.	4100.					27700.
1950	1200.	0.	0.	0.	0.	0.	600.	4000.	6700.	7700.	6000.	4600.					30800.
1951	1100.	0.	0.	0.	0.	0.	600.	3900.	6500.	7400.	5800.	4400.					29700.
1952	1200.	0.	0.	0.	0.	0.	600.	4000.	6700.	7700.	6000.	4600.					30800.
1953	1000.	0.	0.	0.	0.	0.	500.	3400.	5700.	6600.	5100.	3900.					26200.
1954	600.	0.	0.	0.	0.	0.	400.	2300.	3900.	4500.	3500.	2700.					17900.
1955	900.	0.	0.	0.	0.	0.	500.	3300.	5500.	6300.	4900.	3800.					25200.
1956	700.	0.	0.	0.	0.	0.	500.	3000.	5000.	5700.	4500.	3400.					22800.
1957	1100.	0.	0.	0.	0.	0.	500.	3500.	5900.	6800.	5300.	4000.					27100.
1958	900.	0.	0.	0.	0.	0.	500.	3500.	5800.	6600.	5200.	4000.					26500.
1959	900.	0.	0.	0.	0.	0.	500.	3300.	5500.	6400.	5000.	3800.					25400.
1960	800.	0.	0.	0.	0.	0.	500.	2900.	4900.	5700.	4400.	3400.					22600.
1961	200.	0.	0.	0.	0.	0.	200.	1100.	1800.	2100.	1700.	1300.					8400.
1962	1000.	0.	0.	0.	0.	0.	600.	3400.	6400.	7300.	5700.	4400.					3700.
1963	1000.	0.	0.	0.	0.	0.	500.	3400.	5700.	6600.	5200.	3900.					29200.
1964	900.	0.	0.	0.	0.	0.	600.	3600.	6100.	7000.	5500.	4100.					26300.
1965	1200.	0.	0.	0.	0.	0.	600.	4000.	6700.	7700.	6000.	4600.					27800.
1966	900.	0.	0.	0.	0.	0.	500.	3200.	5400.	6200.	4800.	3700.					30800.
1967	1100.	0.	0.	0.	0.	0.	600.	3900.	6600.	7500.	5900.	4500.					24700.
1968	1000.	0.	0.	0.	0.	0.	600.	3800.	6300.	7300.	5700.	4300.					30100.
1969	1200.	0.	0.	0.	0.	0.	600.	4000.	6700.	7700.	6000.	4600.					29000.
1970	900.	0.	0.	0.	0.	0.	500.	3500.	5800.	6600.	5200.	4000.					26500.
1971	1100.	0.	0.	0.	0.	0.	600.	3800.	6300.	7300.	5700.	4300.					29100.
1972	900.	0.	0.	0.	0.	0.	600.	3700.	6200.	7100.	5600.	4200.					28300.
1973	1100.	0.	0.	0.	0.	0.	600.	4000.	6600.	7600.	6000.	4500.					30400.
MEAN	918.	0.	0.	0.	0.	0.	509.	3311.	5543.	6361.	4982.	3791.					25416.

OIN(12)	Input Streamflow (Acre-Feet)	Irrigation Diversion HEBER VALLEY INCLUDE 2400 AF M&I
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QIN(113) Input Streamflow (Acre-Feet) COLUMN 8 USBR JORDAN STUDY

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	0.	0.	0.	0.	0.	0.	0.	0.	100.	900.	1000.	300.	2400.
1931	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	900.	700.	1900.
1932	0.	0.	0.	0.	0.	0.	0.	0.	100.	200.	900.	1000.	2400.
1933	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	1000.	1000.	2300.
1934	0.	0.	0.	0.	0.	0.	0.	0.	100.	100.	700.	100.	1700.
1935	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	1100.	1000.	2300.
1936	0.	0.	0.	0.	0.	0.	0.	0.	100.	200.	1000.	900.	2400.
1937	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	900.	900.	2200.
1938	0.	0.	0.	0.	0.	0.	0.	0.	100.	100.	900.	900.	2300.
1939	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	900.	1000.	100.
1940	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	800.	900.	2000.
1941	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	1000.	900.	2200.
1942	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	1100.	1000.	2400.
1943	0.	0.	0.	0.	0.	0.	0.	0.	100.	100.	1000.	1000.	2400.
1944	0.	0.	0.	0.	0.	0.	0.	0.	100.	100.	900.	900.	2400.
1945	0.	0.	0.	0.	0.	0.	0.	0.	100.	100.	1000.	900.	2400.
1946	0.	0.	0.	0.	0.	0.	0.	0.	100.	200.	1000.	1000.	2500.
1947	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	900.	1000.	300.
1948	0.	0.	0.	0.	0.	0.	0.	0.	100.	300.	300.	600.	1400.
1949	0.	0.	0.	0.	0.	0.	0.	0.	100.	200.	1000.	900.	400.
1950	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	900.	1100.	300.
1951	0.	0.	0.	0.	0.	0.	0.	0.	100.	200.	1000.	1000.	2500.
1952	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	900.	1000.	300.
1953	0.	0.	0.	0.	0.	0.	0.	0.	100.	200.	800.	800.	400.
1954	0.	0.	0.	0.	0.	0.	0.	0.	100.	100.	1000.	1000.	300.
1955	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1000.	1100.	300.
1956	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	900.	1200.	300.
1957	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	800.	800.	2100.
1958	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	500.	600.	1300.
1959	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	900.	800.	2000.
1960	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	1000.	1000.	2500.
1961	0.	0.	0.	0.	0.	0.	0.	0.	100.	200.	1200.	900.	2000.
1962	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	1000.	900.	300.
1963	0.	0.	0.	0.	0.	0.	0.	0.	100.	200.	700.	700.	1500.
1964	0.	0.	0.	0.	0.	0.	0.	0.	100.	100.	900.	900.	2300.
1965	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	500.	700.	2400.
1966	0.	0.	0.	0.	0.	0.	0.	0.	100.	200.	1100.	1100.	300.
1967	0.	0.	0.	0.	0.	0.	0.	0.	100.	100.	800.	800.	2300.
1968	0.	0.	0.	0.	0.	0.	0.	0.	100.	100.	1000.	1000.	2200.
1969	0.	0.	0.	0.	0.	0.	0.	0.	100.	200.	800.	900.	2000.
1970	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	1000.	1000.	300.
1971	0.	0.	0.	0.	0.	0.	0.	0.	100.	100.	800.	800.	200.
1972	0.	0.	0.	0.	0.	0.	0.	0.	100.	200.	1100.	1000.	300.
1973	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	900.	900.	2100.
MEAN	0.	0.	0.	0.	0.	0.	0.	0.	95.	86.	898.	927.	2243.

Provo River Simulation Jordanelle Reservoir Full Weber P_i

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QIN(15)	Input Streamflow		(Acre-Feet)		COLUMN 23		USBR JORDAN STUDY		Development		Ann		
	Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1930	200.	200.	700.	3100.	2600.	2400.	1600.	1000.	700.	3600.	3800.	1500.	21400.
1931	400.	300.	1000.	3400.	2800.	2400.	1600.	2900.	2100.	6000.	6100.	3600.	32600.
1932	200.	200.	1000.	2800.	2400.	2100.	1500.	800.	600.	2600.	2800.	1100.	18100.
1933	300.	300.	800.	3000.	2600.	2200.	1500.	1700.	900.	4300.	4700.	2600.	24900.
1934	500.	500.	2800.	3200.	2500.	2200.	1700.	3900.	3100.	6300.	6300.	4000.	37000.
1935	300.	400.	2700.	3100.	2500.	2200.	1600.	2000.	900.	4500.	4800.	2600.	27600.
1936	200.	200.	900.	2700.	2400.	2100.	1500.	800.	600.	2400.	2700.	1100.	17600.
1937	200.	200.	400.	2500.	2400.	2100.	1300.	700.	600.	600.	2700.	1000.	16500.
1938	200.	200.	400.	2500.	2400.	2100.	1300.	700.	600.	2100.	2500.	800.	15800.
1939	200.	300.	700.	3000.	2600.	2200.	1500.	900.	4300.	4600.	2100.	23900.	
1940	200.	300.	1000.	3300.	2700.	2400.	1600.	2200.	1600.	5400.	5600.	3100.	29400.
1941	200.	300.	1900.	3000.	2500.	2200.	1500.	1600.	800.	3700.	3900.	1700.	23300.
1942	200.	300.	700.	2800.	2400.	2200.	1500.	900.	600.	2900.	3400.	1500.	19400.
1943	200.	300.	600.	2900.	2500.	2200.	1500.	800.	600.	2900.	3300.	1200.	19000.
1944	200.	200.	400.	2800.	2400.	2200.	1500.	800.	600.	2800.	3300.	1500.	18700.
1945	200.	200.	400.	2500.	2400.	2100.	1300.	800.	600.	2400.	2700.	1000.	16600.
1946	200.	300.	400.	2700.	2400.	2200.	1500.	800.	600.	2800.	3000.	1100.	18000.
1947	200.	200.	400.	2500.	2400.	2100.	1300.	700.	600.	2400.	2600.	1000.	16400.
1948	200.	200.	400.	2600.	2400.	2100.	1500.	900.	600.	2800.	2900.	1300.	17900.
1949	200.	200.	400.	2400.	2400.	2000.	1300.	700.	600.	2000.	2500.	800.	15500.
1950	200.	200.	400.	2100.	2400.	2100.	1300.	800.	600.	2400.	2700.	1000.	16600.
1951	200.	200.	400.	2200.	2400.	2100.	1300.	800.	600.	2800.	3000.	1100.	18000.
1952	200.	200.	300.	1700.	2500.	2400.	2100.	1200.	300.	400.	1600.	2100.	800.
1953	200.	300.	600.	2800.	2400.	2200.	1500.	900.	600.	2900.	3300.	1000.	11000.
1954	200.	300.	1200.	3100.	2600.	2200.	1600.	1700.	900.	4500.	4900.	2500.	25700.
1955	200.	300.	900.	3000.	2600.	2200.	1500.	1500.	800.	4400.	4500.	2100.	24000.
1956	200.	200.	700.	2900.	2500.	2200.	1500.	800.	600.	3000.	3400.	1300.	19300.
1957	200.	200.	400.	2600.	2400.	2200.	1500.	700.	600.	1900.	2400.	900.	15900.
1958	200.	200.	400.	2500.	2200.	2000.	1500.	700.	600.	2100.	2700.	1100.	16200.
1959	300.	300.	800.	3300.	2700.	2400.	1600.	1900.	1000.	4800.	5100.	2500.	26700.
1960	300.	300.	2100.	3300.	2600.	2400.	1600.	1600.	2100.	1000.	4800.	5200.	2700.
1961	600.	2100.	2800.	3300.	2700.	2300.	1700.	1700.	3400.	2500.	5800.	5900.	3500.
1962	200.	200.	700.	2700.	2400.	2200.	1500.	600.	600.	1600.	2200.	900.	16600.
1963	300.	300.	800.	2800.	2500.	2200.	1500.	1200.	800.	3600.	3800.	1600.	21400.
1964	200.	300.	900.	2800.	2400.	2200.	1500.	900.	600.	2400.	2700.	1000.	17000.
1965	200.	200.	400.	2000.	2400.	2100.	1300.	400.	400.	1200.	1600.	700.	12900.
1966	200.	300.	700.	2900.	2400.	2200.	1500.	1000.	700.	3600.	3800.	1700.	21000.
1967	200.	200.	400.	2600.	2400.	2200.	1500.	400.	600.	2000.	2500.	800.	15800.
1968	200.	200.	400.	2700.	2400.	2200.	1500.	700.	600.	2400.	2700.	1000.	17000.
1969	200.	200.	400.	2200.	2400.	2100.	1300.	600.	600.	1800.	2200.	900.	14900.
1970	300.	200.	1200.	2600.	2200.	2000.	1300.	1000.	1300.	2700.	2100.	700.	18300.
1971	100.	100.	900.	2400.	2200.	1900.	1900.	700.	100.	1500.	2000.	700.	14500.
1972	0.	100.	800.	2400.	2100.	1800.	1900.	800.	100.	1700.	2100.	800.	14600.
1973	100.	100.	800.	2400.	2100.	1800.	1800.	400.	100.	1200.	1800.	600.	13200.
MEAN	225.	284.	850.	2730.	2434.	2157.	1514.	1139.	777.	3014.	3327.	1507.	19957.

QIN(16) Input StreamFlow (Acre-feet)												COLUMN 22 USBR JORDAN STUDY														
Year		Oct		Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		
1930	3400.	4100.	4500.	4700.	3900.	4600.	2600.	7200.	8100.	14800.	11900.	7300.	77100.	77100.	11600.	13800.	13200.	11600.	13800.	13200.	8200.	86500.	86500.			
1931	3700.	4700.	4800.	4200.	5100.	5700.	6800.	11600.	11600.	11600.	11600.	11600.	11600.	11600.	11600.	11600.	11600.	11600.	11600.	11600.	11600.	72000.	72300.	72300.		
1932	5700.	5200.	5200.	4300.	4700.	2900.	4500.	6200.	6200.	6200.	6200.	6200.	6200.	6200.	6200.	6200.	6200.	6200.	6200.	6200.	6200.	6200.	76300.	82300.	82300.	
1933	4600.	4500.	4700.	4800.	4400.	4600.	5500.	5600.	5600.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	6000.	6000.	6000.	
1934	2700.	4800.	4800.	5200.	4400.	4700.	5600.	5600.	5600.	15800.	15800.	15800.	15800.	15800.	15800.	15800.	15800.	15800.	15800.	15800.	15800.	15800.	6000.	6000.	6000.	
1935	3700.	5700.	5400.	5500.	4600.	5700.	7200.	6100.	0.	5500.	12900.	12900.	5300.	67600.	67600.	11400.	11400.	11400.	11400.	11400.	11400.	11400.	72000.	72000.	72000.	
1936	5200.	4600.	4800.	4700.	3900.	3600.	200.	3100.	6200.	12600.	12600.	12600.	12600.	12600.	12600.	12600.	12600.	12600.	12600.	12600.	12600.	12600.	72000.	72000.	72000.	
1937	5200.	4800.	4900.	4900.	3700.	3700.	3400.	3100.	6400.	12000.	12000.	12000.	12000.	12000.	12000.	12000.	12000.	12000.	12000.	12000.	12000.	12000.	71900.	71900.	71900.	
1938	4500.	4200.	4200.	4600.	4200.	3700.	0.	3200.	6300.	11100.	11100.	11100.	11100.	11100.	11100.	11100.	11100.	11100.	11100.	11100.	11100.	11100.	65100.	65100.	65100.	
1939	4700.	4400.	4400.	4700.	4300.	3500.	1300.	5400.	7900.	14400.	12600.	12600.	12600.	12600.	12600.	12600.	12600.	12600.	12600.	12600.	12600.	12600.	75400.	75400.	75400.	
1940	4800.	5200.	5200.	4900.	4100.	3800.	2300.	5300.	9200.	15100.	13300.	13300.	13300.	13300.	13300.	13300.	13300.	13300.	13300.	13300.	13300.	13300.	83600.	83600.	83600.	
1941	5700.	5300.	5100.	4800.	4100.	3800.	4300.	3300.	6600.	9500.	17000.	17000.	17000.	17000.	17000.	17000.	17000.	17000.	17000.	17000.	17000.	17000.	83100.	83100.	83100.	
1942	3900.	3600.	3500.	4000.	2300.	3300.	1000.	3900.	5400.	9000.	9000.	9000.	9000.	9000.	9000.	9000.	9000.	9000.	9000.	9000.	9000.	9000.	60000.	60000.	60000.	
1943	4600.	4400.	4200.	4200.	3500.	3300.	1000.	5400.	6500.	10600.	11500.	11500.	11500.	11500.	11500.	11500.	11500.	11500.	11500.	11500.	11500.	11500.	66500.	66500.	66500.	
1944	4500.	4200.	4200.	4600.	3900.	3600.	5000.	4900.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	71300.	71300.	71300.
1945	4700.	4300.	4600.	4600.	3900.	3600.	2600.	0.	6400.	7900.	12900.	12900.	12900.	12900.	12900.	12900.	12900.	12900.	12900.	12900.	12900.	12900.	69500.	69500.	69500.	
1946	4200.	3900.	4100.	4200.	3600.	3700.	3900.	3600.	3200.	2600.	3400.	7000.	10700.	10700.	10700.	10700.	10700.	10700.	10700.	10700.	10700.	10700.	10700.	63500.	63500.	63500.
1947	4300.	4300.	4300.	4300.	4200.	3900.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	59900.	59900.	59900.
1948	4000.	3600.	3600.	4200.	4200.	4500.	3300.	2800.	6700.	5500.	5800.	5800.	5800.	5800.	5800.	5800.	5800.	5800.	5800.	5800.	5800.	5800.	5800.	60600.	60600.	60600.
1949	4300.	4000.	4000.	4200.	3200.	2800.	2800.	1200.	3500.	4500.	8600.	8600.	8600.	8600.	8600.	8600.	8600.	8600.	8600.	8600.	8600.	8600.	8600.	55700.	55700.	55700.
1950	4000.	4000.	4000.	4200.	3700.	4100.	3400.	3300.	3200.	5900.	10400.	10400.	10400.	10400.	10400.	10400.	10400.	10400.	10400.	10400.	10400.	10400.	60400.	60400.	60400.	
1951	3600.	3600.	4200.	4200.	4200.	4200.	3100.	2500.	3400.	500.	3100.	4400.	7300.	8800.	8800.	8800.	8800.	8800.	8800.	8800.	8800.	8800.	8800.	6200.	51500.	51500.
1952	4000.	4100.	4100.	4200.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	3600.	62900.	62900.	62900.
1953	4200.	4200.	4200.	4500.	4100.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	81000.	81000.	81000.
1954	4300.	4300.	4300.	4300.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	85800.	85800.	85800.
1955	5400.	4800.	4700.	5000.	4300.	4300.	3800.	3700.	4600.	4700.	7100.	7000.	7000.	7000.	7000.	7000.	7000.	7000.	7000.	7000.	7000.	7000.	7000.	10400.	10400.	10400.
1956	5400.	4700.	4700.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	11400.	11400.	11400.
1957	5100.	5000.	4900.	4900.	4700.	4700.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	6800.	69100.	69100.
1958	4600.	4400.	4400.	4500.	4500.	4800.	4200.	5100.	5200.	8700.	5900.	5900.	5900.	5900.	5900.	5900.	5900.	5900.	5900.	5900.	5900.	5900.	5900.	85700.	85700.	85700.
1959	5000.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	19300.	19300.	19300.
1960	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	14700.	14700.	14700.
1961	3100.	5000.	5300.	4900.	4900.	4900.	4900.	4900.	4900.	4900.	4900.	4900.	4900.	4900.	4900.	4900.	4900.	4900.	4900.	4900.	4900.	4900.	4900.	14600.	14600.	14600.
1962	5900.	5300.	5500.	5300.	4600.	4600.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	4500.	12400.	12400.	12400.
1963	4900.	5000.	5100.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	4700.	12300.	12300.	12300.
1964	5200.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	82000.	82000.	82000.
1965	4700.	4400.	3700.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	10700.	10700.	10700.
1966	2800.	3800.	3800.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	5200.	5300.	5300.
1967	4700.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	4600.	64400.	64400.	64400.
1968	4100.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	4300.	58400.	58400.	58400.
1969	3900.	3600.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	65400.	65400.	65400.
1970	4000.	3900.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	4200.	5300.	5300.	5300.
1971	3500.	3100.	3100.	2400.	2400.	2400.	2400.	2400.	1700.	0.	100.	3100.	3100.	3100.	3100.	3100.	3100.	3100.	3100.	3100.	3100.	3100.	3100.	5500.	5500.	5500.
1972	3300.	3000.	3200.	3200.	3200.	3200.	3200.	3200.	3200.	3200.	3200.	3200.	3200.	3200.	3200.	3200.	3200.	3200.	3200.	3200.	3200.	3200.	3200.	69200.	69200.	69200.
1973	3200.	3400.	3400.	3900.	3900.	3900.	3900.	3900.	3900.	3900.	3900.	3900.	3900.	3900.	3900.	3900.	3900.	3900.	3900.	3900.	3900.	3900.	3900.	5800.	5800.	5800.

QIN(17)	COL 21 USBR DEER CRK STUDY (COL21DC) END OF MONTH ST DEER CRK R PRP													
	Input Streamflow (Acre-Feet)			COL 21 USBR DEER CRK STUDY (COL21DC)										
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann	
1930	94100.	96500.	98700.	100200.	101600.	102900.	106300.	109900.	117600.	96800.	77100.	62500.	1164200.	
1931	57900.	60200.	62300.	64500.	65900.	65200.	68800.	70900.	64500.	43600.	22000.	6800.	652600.	
1932	700.	200.	0.	0.	100.	1500.	11400.	64300.	122200.	105000.	83500.	40500.	457200.	
1933	62400.	60600.	59600.	58300.	56900.	54100.	56600.	60000.	97600.	77500.	55800.	40500.	739900.	
1934	34300.	33700.	32200.	33000.	33900.	35900.	41900.	38700.	29100.	8400.	0.	0.	321100.	
1935	0.	1000.	2100.	3100.	3400.	3100.	9000.	14100.	37800.	17800.	0.	0.	914000.	
1936	0.	1500.	2900.	4200.	4900.	4900.	19400.	90000.	112400.	94900.	74900.	60200.	470200.	
1937	54200.	53000.	51300.	49800.	47600.	47600.	54800.	125200.	131200.	112100.	90300.	75100.	892200.	
1938	69400.	69200.	69000.	68500.	67700.	68100.	83100.	126800.	150000.	130500.	108600.	93900.	1104900.	
1939	88500.	89100.	89700.	89800.	89800.	91300.	95200.	112400.	107100.	86000.	64200.	49200.	1052300.	
1940	43700.	44300.	44100.	44000.	44700.	45000.	48100.	60400.	53700.	32900.	11300.	0.	472200.	
1941	0.	2300.	4100.	5600.	7100.	9400.	11900.	27100.	36100.	18500.	0.	0.	122100.	
1942	0.	1200.	1300.	900.	700.	1000.	22400.	44500.	80900.	61700.	40000.	24700.	279300.	
1943	18800.	18400.	17800.	16800.	16100.	18900.	43900.	78600.	109000.	92200.	71800.	56400.	557800.	
1944	50500.	49700.	48200.	47100.	45500.	44800.	48700.	103900.	150000.	132000.	110000.	94500.	924900.	
1945	88500.	88100.	87500.	87000.	86800.	87100.	90300.	114800.	140400.	123700.	103900.	88400.	1186500.	
1946	82200.	82900.	83300.	83200.	83100.	84700.	116200.	150000.	128600.	106600.	91100.	1241900.	1241900.	
1947	85300.	84700.	83400.	83100.	82800.	83900.	91600.	150000.	150000.	132600.	111200.	95700.	1234300.	
1948	89500.	89400.	89400.	89100.	89200.	89100.	90100.	101000.	145500.	150000.	128600.	106600.	91100.	
1949	84700.	84200.	84200.	83900.	83400.	82800.	83500.	102400.	150000.	132900.	110800.	95300.	1243900.	
1950	89400.	90000.	89700.	89400.	89300.	89500.	107400.	150000.	137200.	115200.	100000.	1297100.	1297100.	
1951	93900.	95300.	96300.	96800.	97500.	98300.	110900.	150000.	150000.	134800.	114100.	98600.	1336500.	
1952	92800.	93700.	93900.	93600.	93300.	93300.	143500.	150000.	150000.	136500.	116200.	101800.	1358600.	
1953	96000.	95900.	95300.	94100.	94400.	94400.	100100.	101400.	150000.	150000.	132900.	110800.	95300.	
1954	87100.	88400.	89800.	91100.	91700.	99700.	109500.	100700.	79600.	57800.	0.	0.	1254600.	
1955	36400.	36300.	36500.	36900.	37400.	37700.	40000.	49500.	53300.	32500.	11300.	0.	407800.	
1956	0.	1900.	5000.	7700.	7900.	23400.	71900.	88000.	67400.	45700.	30400.	356600.	778400.	
1957	24200.	23700.	22500.	21400.	20900.	21000.	24400.	25200.	104900.	93300.	72000.	56800.	852300.	
1958	50700.	48900.	47200.	46100.	45900.	46600.	52000.	113800.	130900.	109800.	87900.	72500.	1241100.	
1959	66200.	67600.	69000.	70100.	70600.	70500.	76100.	74400.	83000.	63200.	41500.	26200.	1338100.	
1960	20400.	23800.	25300.	26500.	27200.	25700.	27200.	32800.	35200.	14500.	0.	0.	1241100.	
1961	0.	1500.	2600.	1500.	500.	200.	3200.	4900.	0.	0.	0.	0.	14400.	
1962	0.	1200.	1300.	1000.	1400.	2200.	26600.	60500.	98800.	78600.	56800.	41500.	369900.	
1963	35600.	34800.	33900.	32800.	32500.	32100.	35500.	50300.	57300.	36500.	15100.	200.	396600.	
1964	0.	100.	0.	0.	0.	0.	0.	2800.	42300.	42800.	88700.	52000.	36700.	457200.
1965	30500.	30100.	29900.	29500.	29300.	29000.	38100.	76200.	146200.	145300.	123200.	107600.	814900.	1299200.
1966	103500.	105400.	106600.	106900.	107000.	109100.	112500.	146100.	141100.	119800.	97800.	82300.	1338100.	1241100.
1967	76000.	75900.	75700.	75400.	76100.	79600.	113900.	150000.	148700.	127000.	111400.	111400.	1185700.	1374200.
1968	105000.	104000.	105600.	105100.	104900.	105800.	110100.	141700.	150000.	131900.	112100.	96600.	96600.	1293000.
1969	90700.	91600.	91500.	91400.	93100.	92800.	150000.	150000.	132000.	110000.	110900.	95800.	1241100.	1241100.
1970	89000.	89500.	89200.	88800.	88500.	87900.	90000.	128500.	150000.	133000.	1134200.	112100.	96600.	1284400.
1971	89400.	89400.	89100.	91600.	91900.	92100.	92700.	107900.	140200.	150000.	129400.	107400.	91900.	114400.
1972	90900.	91000.	91100.	91600.	91900.	92100.	96500.	110300.	150000.	129400.	150000.	146000.	134800.	114400.
1973	87000.	86500.	86100.	86000.	85900.	86100.	86000.	92300.	108600.	110500.	150000.	146000.	134800.	100100.
MEAN	55895.	56323.	56495.	56534.	56525.	57084.	67032.	96452.	111766.	94398.	74045.	60709.	843259.	

QIN(19)		Input Streamflow (Acre-Feet)		Flow to Utah Lake						Ann		
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Sep	
1930	32200.	45100.	40800.	50100.	69100.	57300.	43400.	35200.	17800.	37400.	20500.	35300.
1931	51400.	40300.	45100.	46700.	49300.	53900.	44100.	100000.	28700.	5600.	23500.	14400.
1932	16300.	34700.	39100.	38800.	64800.	59600.	52800.	41600.	78000.	10200.	36900.	5900.
1933	42500.	37100.	24800.	47600.	40000.	63400.	47200.	32500.	34000.	27100.	6600.	14800.
1934	24600.	21900.	36300.	37500.	38500.	36900.	19500.	16400.	5500.	34100.	14000.	287100.
1935	12800.	21900.	36800.	34500.	40000.	30700.	18200.	35800.	45800.	12900.	6600.	7800.
1936	16600.	18900.	23700.	47000.	58900.	49700.	97900.	91300.	50000.	30300.	31300.	17500.
1937	31400.	43700.	64800.	39300.	65100.	75200.	75400.	90700.	49200.	34300.	25000.	22300.
1938	45600.	41400.	56100.	58200.	44300.	73600.	82000.	88300.	43000.	31000.	14000.	604500.
1939	41300.	36400.	58500.	51400.	51300.	81000.	56600.	29400.	34900.	22600.	22500.	21000.
1940	42300.	25000.	33400.	53900.	62200.	59200.	51800.	25400.	12900.	13000.	14700.	20800.
1941	20800.	36700.	41700.	42100.	58700.	48600.	38000.	50300.	48200.	36000.	28400.	23600.
1942	54500.	43300.	56700.	58000.	57600.	70100.	78100.	72800.	46500.	35900.	15800.	27800.
1943	29500.	47300.	42600.	42100.	58600.	62800.	68200.	48500.	69800.	27200.	27200.	24600.
1944	34900.	39700.	59100.	50300.	59800.	69400.	89200.	100000.	78200.	32300.	18500.	18700.
1945	32500.	49800.	55200.	44500.	62000.	83100.	62200.	95200.	58200.	38000.	37800.	28300.
1946	53100.	43900.	64800.	38600.	46300.	67600.	89100.	50600.	51300.	30800.	47500.	20100.
1947	73800.	68200.	85100.	65600.	67300.	77400.	79300.	69300.	62900.	30500.	45100.	31900.
1948	54900.	52300.	49900.	68700.	45600.	40200.	81200.	69000.	43500.	34200.	37200.	24800.
1949	38700.	42600.	64600.	39800.	86900.	84900.	62500.	79000.	62900.	29200.	30400.	29400.
1950	51200.	53100.	62900.	75800.	65900.	59400.	64300.	62400.	69500.	40700.	35600.	25700.
1951	41400.	49600.	70400.	57400.	61400.	59400.	77500.	56700.	52600.	32200.	39300.	17600.
1952	56800.	59200.	80700.	81400.	78800.	100000.	200000.	300000.	100000.	31100.	54300.	34700.
1953	38800.	58400.	72600.	76700.	45800.	82000.	46600.	67800.	49900.	9100.	51500.	32800.
1954	36100.	48300.	66900.	58800.	54300.	55500.	44300.	21600.	44800.	31200.	23100.	31200.
1955	27100.	36400.	44700.	54400.	54800.	64100.	44300.	38500.	29800.	31500.	23600.	487200.
1956	18500.	40000.	50700.	68600.	54500.	57100.	46200.	44000.	46500.	33500.	22600.	17300.
1957	18000.	47400.	57500.	51100.	44500.	62200.	82300.	100000.	48000.	29200.	30500.	670700.
1958	43900.	53800.	64900.	48800.	70400.	67600.	76800.	86200.	48000.	110000.	15900.	42000.
1959	29000.	51700.	54600.	53400.	65400.	55100.	46600.	31400.	30500.	30500.	30000.	633200.
1960	38500.	32000.	42500.	50500.	51400.	62300.	31300.	20000.	6000.	3100.	3300.	15700.
1961	30600.	56800.	45600.	32300.	33100.	37700.	23600.	27300.	12100.	21700.	11900.	16400.
1962	30900.	34300.	44500.	38800.	69500.	78100.	86200.	81300.	48000.	100000.	15900.	42000.
1963	23500.	36300.	19700.	47100.	40100.	56000.	52000.	30500.	68000.	8400.	32100.	432900.
1964	23900.	44800.	40200.	48000.	32200.	59900.	77200.	100000.	100000.	20900.	24000.	487200.
1965	26800.	41400.	58500.	61400.	37600.	74800.	81300.	57200.	98200.	51900.	39500.	45400.
1966	46300.	61800.	67300.	50700.	60400.	65700.	60400.	50300.	25500.	9800.	26000.	26100.
1967	39400.	32900.	63400.	64500.	58600.	79200.	25100.	54300.	100000.	38500.	22800.	31800.
1968	34100.	48300.	66100.	48500.	59100.	84100.	83000.	64600.	62700.	38600.	38100.	21800.
1969	47900.	55000.	70700.	79100.	75100.	61100.	100000.	39400.	76000.	54300.	31600.	33900.
1970	72300.	57800.	60800.	67000.	71400.	54300.	48000.	50100.	74200.	32000.	33600.	43800.
1971	41200.	92300.	57500.	63400.	66600.	66800.	85500.	56200.	49700.	32000.	35200.	51400.
1972	62500.	76900.	83300.	47000.	58400.	70600.	54100.	39100.	71500.	24900.	27900.	69800.
1973	81000.	61400.	60100.	65500.	66100.	79300.	80900.	100000.	73500.	16300.	31200.	58700.
MEAN	38850.	45911.	54209.	53293.	56857.	65318.	60680.	52707.	28916.	26464.	25880.	574377.

Provo River Simulation Jordanelle Reservoir Full Weber Provo Development

PAGE NO. 22 10/26/98

Year	QIN(20) Input Streamflow		(Acre-Feet)		STRAW RES REL TO UTAH LAKE								
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	1020.	2380.	2350.	3100.	2340.	1500.	0.	0.	0.	0.	0.	0.	12690.
1931	2520.	2600.	3000.	2500.	2350.	0.	0.	0.	0.	0.	0.	400.	15970.
1932	2300.	3000.	2700.	3100.	2500.	3200.	0.	0.	800.	0.	0.	0.	17600.
1933	1400.	2800.	2700.	3100.	3100.	2180.	1960.	0.	0.	0.	0.	0.	20340.
1934	1400.	3100.	3300.	3100.	3000.	3500.	700.	0.	0.	0.	0.	0.	21200.
1935	3510.	2900.	3500.	3100.	3500.	3100.	3500.	1890.	0.	0.	0.	0.	23480.
1936	2000.	3200.	3400.	3500.	3100.	2800.	1500.	0.	0.	0.	0.	0.	19500.
1937	0.	2800.	3100.	3400.	2400.	1850.	0.	0.	0.	0.	0.	0.	13550.
1938	320.	2700.	290.	2900.	2600.	1950.	0.	0.	0.	0.	0.	0.	13370.
1939	0.	2800.	2800.	2900.	2800.	1650.	0.	0.	0.	0.	0.	0.	12950.
1940	2000.	3000.	3200.	3100.	2600.	2450.	0.	0.	0.	0.	0.	0.	1200.
1941	1500.	2900.	3100.	3100.	2600.	2700.	1500.	0.	0.	0.	0.	0.	17550.
1942	1120.	2600.	3000.	3100.	2600.	2800.	1500.	1680.	0.	0.	0.	0.	17400.
1943	220.	2600.	2900.	3000.	2340.	2550.	0.	0.	0.	0.	0.	0.	13610.
1944	0.	2900.	3100.	3400.	2600.	2700.	1500.	0.	0.	0.	0.	0.	18060.
1945	0.	2700.	3200.	3100.	2600.	2700.	1500.	0.	0.	0.	0.	0.	15800.
1946	0.	2700.	3000.	3000.	2500.	2450.	1500.	0.	0.	0.	0.	0.	15150.
1947	620.	2600.	3000.	2900.	2500.	2350.	1500.	0.	0.	0.	0.	0.	18400.
1948	0.	2800.	3000.	2900.	2500.	2700.	1500.	0.	0.	0.	0.	0.	16270.
1949	1120.	2700.	2900.	3400.	2600.	2600.	380.	0.	0.	0.	0.	0.	15400.
1950	0.	2480.	2900.	3000.	2400.	2450.	1500.	0.	0.	0.	0.	0.	14730.
1951	2230.	2280.	2700.	3000.	2440.	2450.	1040.	570.	0.	0.	0.	0.	16710.
1952	520.	2380.	2700.	2800.	2390.	2550.	1500.	1230.	0.	0.	0.	0.	16070.
1953	0.	1680.	1950.	2550.	2240.	2250.	1500.	0.	0.	0.	0.	0.	12170.
1954	220.	2480.	2700.	2700.	2400.	2700.	0.	0.	0.	0.	0.	0.	13200.
1955	920.	2700.	2900.	2800.	2500.	2800.	1880.	0.	0.	0.	0.	0.	16500.
1956	1400.	3000.	2900.	2800.	2700.	2250.	670.	0.	0.	0.	0.	0.	15720.
1957	2240.	280.	2900.	2800.	2340.	2600.	1500.	1790.	0.	0.	0.	0.	18970.
1958	0.	2480.	2800.	2800.	2340.	2550.	1500.	1360.	0.	0.	0.	0.	15830.
1959	1020.	2700.	2800.	2800.	2500.	2700.	1540.	0.	0.	0.	0.	0.	16060.
1960	1600.	2900.	3100.	2900.	2700.	2700.	1390.	0.	0.	0.	0.	0.	17080.
1961	2250.	2800.	3100.	2900.	3000.	3000.	2600.	0.	0.	0.	0.	0.	20750.
1962	2900.	2900.	3000.	3000.	2500.	2800.	1500.	1970.	0.	0.	0.	0.	20570.
1963	1320.	2800.	3000.	2800.	2800.	1940.	2600.	1980.	0.	0.	0.	0.	800.
1964	720.	2700.	2900.	2900.	2700.	2400.	2250.	1680.	320.	0.	0.	0.	16720.
1965	1840.	2600.	2800.	2900.	2500.	2350.	400.	0.	0.	0.	0.	0.	18080.
1966	1020.	2480.	2800.	2900.	2900.	2600.	2450.	2380.	1990.	0.	0.	0.	14450.
1967	920.	2700.	2900.	2900.	2900.	2290.	2280.	2280.	0.	0.	0.	0.	19310.
1968	2510.	2700.	2800.	2900.	2390.	2450.	1500.	1960.	0.	0.	0.	0.	19210.
1969	0.	2600.	2700.	2700.	2340.	2250.	1500.	1990.	0.	0.	0.	0.	14090.
1970	1800.	2600.	2700.	2700.	2400.	2600.	1680.	1950.	1255.	0.	0.	0.	19685.
1971	2000.	2480.	2800.	2700.	2350.	1500.	0.	0.	0.	0.	0.	0.	225.
1972	2840.	2700.	2600.	2800.	2900.	2600.	2500.	1980.	1508.	0.	0.	0.	18210.
1973	2800.	2600.	2800.	2800.	2500.	2600.	1500.	1980.	1508.	0.	0.	0.	21088.
MEAN	1230.	2689.	2882.	2958.	2525.	2568.	1201.	557.	110.	0.	0.	18.	146.

Provo River Simulation Jordanelle Reservoir Full Weber Pt Development

PAGE NO. 23 10/26/98

QIN(21)		Input Streamflow		(Acre-Feet)		Critical Demand on Utah Lake								
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann	
1930	1700.	6100.	4700.	5700.	4000.	5100.	17200.	38500.	49900.	50400.	44400.	34200.	277200.	
1931	8800.	5400.	5000.	4800.	3300.	0.	5800.	44800.	47600.	44200.	21300.	7700.	198700.	
1932	8700.	1200.	500.	300.	0.	0.	400.	31800.	33500.	46600.	34900.	21300.	179200.	
1933	6700.	0.	800.	0.	0.	0.	2600.	13400.	43700.	46400.	23400.	6800.	143800.	
1934	3600.	300.	100.	0.	0.	0.	21200.	24100.	11600.	1100.	14700.	15600.	92300.	
1935	4000.	200.	0.	0.	0.	0.	0.	15000.	19000.	20200.	12000.	4500.	74900.	
1936	700.	200.	0.	0.	0.	0.	4900.	31000.	23400.	30900.	27100.	20900.	139100.	
1937	12000.	0.	0.	0.	0.	0.	0.	0.	33300.	32700.	39700.	40000.	35500.	
1938	9800.	0.	0.	0.	0.	0.	0.	3000.	28300.	42100.	42300.	44000.	38400.	
1939	14400.	0.	0.	0.	0.	0.	0.	11100.	43700.	38800.	44600.	41200.	33000.	
1940	7900.	0.	0.	0.	0.	0.	0.	6200.	41800.	42900.	45000.	35400.	226800.	
1941	5700.	1000.	0.	0.	0.	0.	0.	0.	30400.	25500.	39600.	40000.	202300.	
1942	3900.	1000.	1000.	1000.	0.	0.	0.	0.	23800.	39400.	48600.	45900.	31200.	
1943	13300.	1000.	900.	0.	0.	0.	0.	8600.	40300.	23600.	48600.	42300.	193200.	
1944	12600.	1200.	1200.	600.	0.	0.	0.	0.	16700.	29500.	50800.	48500.	207900.	
1945	9800.	1000.	1000.	0.	0.	0.	0.	0.	32700.	27900.	49400.	38300.	226800.	
1946	11900.	1300.	1200.	0.	0.	0.	0.	2500.	40300.	45800.	53900.	50600.	173400.	
1947	7500.	900.	1000.	1000.	0.	0.	0.	9200.	41200.	33200.	54500.	46700.	205200.	
1948	11900.	1100.	1100.	1700.	0.	0.	0.	8800.	20300.	43500.	41400.	57200.	39200.	
1949	14500.	1400.	1000.	1200.	0.	0.	0.	0.	12600.	8000.	33100.	42600.	41300.	220400.
1950	14500.	7900.	3400.	1100.	0.	0.	0.	0.	6800.	12600.	29400.	46000.	53200.	202400.
1951	17300.	6500.	6100.	1000.	0.	0.	0.	2600.	5800.	16000.	32300.	45500.	52200.	202400.
1952	15100.	6000.	6000.	6000.	0.	0.	0.	0.	9000.	15100.	42200.	48300.	57300.	285900.
1953	15100.	6000.	6000.	6000.	0.	0.	0.	0.	9000.	15100.	42200.	48300.	57300.	266600.
1954	15100.	6000.	6000.	6000.	0.	0.	0.	0.	9000.	15100.	42200.	48300.	57300.	282800.
1955	13000.	1700.	1600.	400.	0.	0.	0.	500.	1500.	29800.	36800.	51100.	47700.	233600.
1956	11800.	800.	600.	400.	100.	100.	0.	53000.	35000.	43500.	52200.	50500.	41100.	223600.
1957	12700.	600.	500.	0.	0.	0.	0.	0.	17500.	33500.	59100.	48200.	39100.	289100.
1958	12200.	1300.	1200.	1900.	4500.	4100.	3600.	0.	38200.	46700.	54800.	59700.	43200.	211200.
1959	18000.	9500.	3300.	1100.	1000.	300.	9200.	39700.	46100.	52000.	47400.	32800.	271400.	271400.
1960	9600.	5000.	1400.	300.	100.	300.	5100.	39800.	44300.	51000.	447500.	44500.	33900.	220900.
1961	6100.	1100.	0.	0.	0.	0.	0.	0.	33500.	31100.	23600.	14900.	5600.	119000.
1962	700.	500.	200.	100.	500.	400.	800.	0.	27100.	36300.	45400.	46400.	35600.	267600.
1963	6700.	4100.	1200.	400.	100.	0.	0.	0.	29900.	28100.	47800.	40900.	20700.	179900.
1964	11000.	900.	1300.	400.	100.	0.	0.	0.	18200.	20600.	47500.	44500.	33900.	179700.
1965	10400.	500.	600.	1500.	1300.	800.	5800.	30000.	38200.	42900.	41500.	17400.	190900.	
1966	9300.	1300.	3400.	11800.	0.	0.	0.	8500.	41800.	46500.	49200.	48800.	36600.	267600.
1967	13700.	3100.	1200.	1400.	2100.	4900.	3800.	38400.	27000.	47600.	51600.	38500.	233300.	233300.
1968	10500.	1100.	1300.	1500.	9500.	22500.	34300.	38300.	50900.	42300.	51800.	39100.	252400.	252400.
1969	15100.	6000.	6000.	6000.	9000.	15100.	42200.	48300.	57300.	51800.	39200.	302000.	302000.	302000.
1970	15100.	6000.	6000.	6000.	9000.	15100.	42200.	48300.	57300.	51800.	39200.	302000.	302000.	302000.
1971	15100.	6000.	6000.	6000.	9000.	15100.	42200.	48300.	57300.	51800.	39200.	302000.	302000.	302000.
1972	15100.	6000.	6000.	6000.	9000.	15100.	42200.	48300.	57300.	51800.	39200.	302000.	302000.	302000.
1973	15100.	6000.	6000.	6000.	6000.	6000.	42200.	48300.	57300.	51800.	39200.	302000.	302000.	302000.
MEAN	10977.	2661.	2127.	1816.	2195.	3334.	8825.	34107.	38441.	47836.	42895.	32855.	228070.	

QIN(22) Input Streamflow (Acre-Feet)										Direct Flow Water Rights Diversion						
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Sep	Ann	
1930	200.	2000.	2000.	2000.	1300.	0.	200.	800.	1100.	600.	600.	600.	11400.	10600.	10600.	
1931	200.	2000.	2000.	2000.	1200.	0.	200.	600.	600.	600.	600.	600.	12900.	12900.	12900.	
1932	200.	0.	200.	500.	0.	800.	1200.	7100.	1100.	600.	600.	600.	13900.	13900.	13900.	
1933	200.	0.	0.	0.	0.	0.	200.	2000.	200.	1000.	10700.	600.	600.	13400.	13400.	13400.
1934	200.	2000.	2000.	2000.	2000.	2000.	200.	600.	600.	600.	600.	600.	11200.	11200.	11200.	
1935	200.	2000.	2000.	2000.	1100.	0.	200.	800.	1100.	600.	600.	600.	11200.	11200.	11200.	
1936	200.	2000.	2000.	2000.	1100.	0.	200.	800.	1100.	600.	600.	600.	16500.	16500.	16500.	
1937	200.	0.	0.	0.	0.	0.	0.	500.	12900.	1100.	600.	600.	600.	13000.	13000.	13000.
1938	200.	0.	0.	0.	0.	0.	0.	3800.	6100.	1100.	600.	600.	600.	6300.	6300.	6300.
1939	200.	0.	0.	0.	0.	0.	0.	2900.	800.	600.	600.	600.	600.	14900.	14900.	14900.
1940	200.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2100.	600.	600.	600.	600.	600.	16000.	16000.
1941	200.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2700.	1100.	600.	600.	600.	10300.	10300.
1942	200.	0.	0.	0.	0.	0.	0.	6400.	800.	1100.	600.	600.	600.	600.	600.	11200.
1943	200.	0.	0.	0.	0.	0.	0.	2600.	4700.	800.	1100.	600.	600.	600.	600.	15900.
1944	200.	0.	0.	0.	0.	0.	0.	0.	200.	12600.	1100.	600.	600.	600.	3900.	3900.
1945	200.	0.	0.	0.	0.	0.	0.	200.	900.	9800.	1100.	600.	600.	600.	14000.	14000.
1946	200.	0.	0.	0.	0.	0.	0.	300.	7500.	800.	1000.	600.	600.	600.	600.	11600.
1947	200.	0.	0.	0.	0.	0.	0.	100.	300.	16500.	3900.	600.	600.	600.	22800.	22800.
1948	200.	0.	0.	0.	0.	0.	0.	100.	200.	800.	1100.	600.	600.	600.	4200.	4200.
1949	200.	0.	0.	0.	0.	0.	0.	0.	200.	600.	1100.	600.	600.	600.	3900.	3900.
1950	200.	0.	0.	0.	0.	0.	0.	0.	200.	600.	1100.	600.	600.	600.	600.	11600.
1951	200.	0.	0.	0.	0.	0.	0.	0.	200.	600.	1100.	600.	600.	600.	600.	3900.
1952	200.	0.	0.	0.	0.	0.	0.	0.	200.	600.	1100.	600.	600.	600.	600.	3400.
1953	200.	0.	0.	0.	0.	0.	0.	0.	200.	600.	1100.	600.	600.	600.	600.	3400.
1954	200.	2000.	2000.	2000.	1300.	0.	200.	200.	200.	800.	600.	600.	600.	600.	10900.	10900.
1955	200.	2000.	2000.	2000.	2000.	2100.	200.	2900.	1100.	600.	600.	600.	600.	600.	16300.	16300.
1956	200.	2000.	2000.	2000.	200.	0.	200.	800.	1100.	600.	600.	600.	600.	600.	10300.	10300.
1957	200.	0.	0.	0.	0.	0.	0.	100.	200.	7800.	1100.	600.	600.	600.	11200.	11200.
1958	200.	0.	0.	0.	0.	0.	0.	400.	1000.	11000.	1100.	600.	600.	600.	15500.	15500.
1959	200.	2000.	2000.	2000.	1300.	0.	1500.	200.	700.	900.	600.	600.	600.	600.	600.	12600.
1960	200.	2000.	2000.	2000.	1400.	0.	0.	200.	800.	1100.	600.	600.	600.	600.	600.	11400.
1961	200.	0.	0.	0.	0.	0.	0.	0.	100.	5300.	800.	1100.	600.	600.	600.	7500.
1962	200.	0.	0.	0.	0.	0.	0.	0.	100.	200.	9200.	1100.	600.	600.	600.	10700.
1963	200.	0.	0.	0.	0.	0.	0.	0.	0.	500.	7900.	1100.	600.	600.	600.	11200.
1964	200.	0.	0.	0.	0.	0.	0.	0.	1200.	900.	300.	4200.	1100.	600.	600.	600.
1965	200.	0.	0.	0.	0.	0.	0.	0.	0.	2400.	5700.	1100.	600.	600.	600.	11600.
1966	200.	0.	0.	0.	0.	0.	0.	0.	1200.	2000.	4900.	600.	600.	600.	600.	600.
1967	200.	0.	0.	0.	0.	0.	0.	0.	100.	200.	9200.	1100.	600.	600.	600.	12600.
1968	200.	0.	0.	0.	0.	0.	0.	0.	0.	500.	700.	9300.	17100.	600.	600.	600.
1969	200.	0.	0.	0.	0.	0.	0.	1400.	6400.	600.	600.	600.	600.	600.	11000.	11000.
1970	200.	0.	0.	0.	0.	0.	0.	0.	0.	2400.	8300.	1100.	600.	600.	600.	11600.
1971	200.	0.	0.	0.	0.	0.	0.	400.	3800.	5000.	1100.	600.	600.	600.	600.	12300.
1972	200.	0.	0.	0.	0.	0.	0.	0.	1100.	3100.	4900.	1100.	600.	600.	600.	12200.
1973	200.	0.	0.	0.	0.	0.	0.	0.	3200.	9400.	1100.	600.	600.	600.	600.	15700.
MEAN	200.	591.	605.	584.	411.	452.	1395.	4023.	1623.	600.	600.	600.	11684.	11684.	11684.	

ELAPSED TIME: 0: 0: 2.36

ELAPSED TIME: 0: 0: 4.29

Diversion Requirements

Use	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
LAND AREA 1 Provo River Project Demand													
QDMI	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
QDIR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Total	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.	100000.
LAND AREA 2 Francis Area Supp. Irrigation													
QDMI	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
QDIR	0.	0.	0.	0.	0.	0.	0.	0.	689.	2238.	3271.	2927.	0.
Total	0.	0.	0.	0.	0.	0.	0.	0.	100.	0.	900.	900.	400.
LAND AREA 3 Heber Area Supp. Irrigation													
QDMI	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
QDIR	0.	0.	0.	0.	0.	0.	0.	0.	4041.	10102.	11545.	10391.	4041.
Total	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	5300.	6100.	200.
LAND AREA 4 Utah County M&I													
QDMI	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
QDIR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Total	100.	100.	800.	2400.	2100.	1800.	1800.	400.	400.	100.	1200.	1800.	600.
LAND AREA 5 Salt Lake County M&I													
QDMI	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
QDIR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Total	3200.	3400.	3900.	3900.	3800.	2900.	3400.	4100.	5600.	9800.	10100.	5800.	59900.
LAND AREA 6 Downstream Demands on Provo Riv.													
QDMI	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
QDIR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Total	4000.	2400.	1300.	600.	200.	0.	0.	15300.	32100.	17300.	15100.	17400.	105700.
LAND AREA 7 Utah Lake Demand (82,000 CUP)													
QDMI	7300.	2920.	2920.	2920.	2920.	4380.	7300.	20440.	23360.	27740.	26280.	17520.	146000.
QDIR	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Total	7300.	2920.	2920.	2920.	4380.	7300.	20440.	23360.	27740.	26280.	17520.	146000.	146000.

Provo River Simulation Jordanelle Reservoir Full Weber Provo Development

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Year	Oct	Qx(1) Discharge (Acre-Feet)										Upper Provo River			
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann		
1930	4110.	2660.	4230.	4190.	3870.	3770.	9580.	34120.	30000.	11820.	7950.	5090.	121390.		
1931	4630.	3080.	3600.	3430.	2760.	2680.	5690.	25030.	10850.	2300.	1130.	1590.	66770.		
1932	1920.	8310.	2800.	2060.	2810.	3870.	10370.	45820.	50170.	15360.	4950.	3210.	151650.		
1933	2740.	5180.	3150.	2190.	3520.	8090.	31010.	42070.	7270.	3070.		2190.	113630.		
1934	2260.	8000.	2680.	2300.	2240.	2070.	4360.	19670.	8130.	310.	1190.	1230.	54440.		
1935	1430.	16470.	2500.	2000.	1940.	1990.	6070.	34330.	46540.	5160.	3030.	2090.	123550.		
1936	2370.	7180.	2620.	2300.	2390.	3350.	13510.	51290.	34220.	16010.	3600.	3340.	142180.		
1937	2930.	3620.	3170.	2780.	2840.	4030.	11050.	48930.	32170.	17310.	5170.		137440.		
1938	3430.	3530.	3600.	3010.	2710.	5090.	12020.	46620.	41080.	16730.	6660.	4010.	148690.		
1939	3560.	3050.	3510.	2980.	2550.	4740.	9470.	34640.	21740.	5260.	2820.	2420.	96740.		
1940	3130.	6480.	2740.	2780.	2810.	2630.	6500.	36080.	14990.	4260.	3070.	2470.	87940.		
1941	2340.	6930.	2800.	2390.	2490.	3930.	7420.	38070.	31660.	15230.	8620.	4470.	126350.		
1942	3320.	3050.	3550.	3330.	3250.	12760.	36200.	35910.	18460.	5930.	3760.		132350.		
1943	2800.	4680.	3270.	4030.	3280.	4900.	13580.	40150.	42490.	17220.	5380.	3830.	145610.		
1944	3360.	3710.	3110.	2780.	2310.	3180.	9050.	45710.	48020.	16090.	3580.	3560.	144460.		
1945	2690.	4540.	3090.	2580.	3840.	3570.	8940.	45060.	42930.	20190.	12020.	4580.	154030.		
1946	3490.	2440.	3740.	3430.	2840.	4390.	14600.	41780.	28290.	4200.	5050.	3430.	117680.		
1947	3810.	2880.	3390.	2580.	2600.	4160.	10210.	47260.	43930.	7680.	5970.	4490.	138960.		
1948	3450.	3270.	3390.	2710.	2840.	3230.	12070.	44460.	27720.	2540.		4990.	1850.		
1949	2820.	3810.	3490.	3220.	2360.	4600.	13050.	46740.	47320.	14190.	4870.	2710.	149180.		
1950	3780.	4280.	3510.	4160.	3180.	3540.	11170.	44850.	72660.	13800.	5100.	3470.	173500.		
1951	3110.	3480.	4400.	4910.	4300.	3920.	10410.	52940.	58960.	14580.	5490.	5340.	171840.		
1952	3830.	3740.	3810.	3720.	3490.	3270.	12770.	59780.	63990.	11890.	4860.	3940.	179090.		
1953	3080.	3040.	3080.	2910.	2790.	3460.	8520.	26580.	49330.	10630.	4630.	3980.	122030.		
1954	2676.	2577.	2860.	2530.	2461.	3210.	13570.	41850.	13980.	4340.	3559.	2385.	95998.		
1955	2528.	2504.	2657.	2300.	2109.	3070.	5157.	45830.	25270.	5780.	4940.	3905.	106050.		
1956	2839.	3544.	4130.	4470.	3995.	4177.	12460.	53770.	39540.	6800.	4477.		142976.		
1957	2502.	2003.	2683.	2302.	2385.	2730.	5100.	33110.	80760.	11960.	6470.	5291.	157296.		
1958	3330.	3188.	3525.	3189.	3360.	8780.	55670.	32980.	7010.	12130.	4990.	3886.	131339.		
1959	2470.	2258.	2690.	2399.	2511.	3050.	9540.	35230.	29400.	8900.	4687.	3419.	106554.		
1960	4780.	5730.	3415.	2591.	2455.	3208.	13370.	42420.	21780.	5840.	3373.	2679.	111641.		
1961	3149.	3083.	2927.	2105.	1922.	2653.	6439.	28360.	7650.	1479.	2041.	4160.	65968.		
1962	4810.	6820.	4950.	4828.	5379.	4625.	18490.	47070.	58140.	12130.	6860.	3162.	177264.		
1963	3183.	2554.	2556.	1756.	2886.	2834.	5229.	44800.	35230.	29400.	8900.	4687.	3419.	106554.	
1964	2835.	2797.	2629.	2238.	1986.	2394.	4622.	45920.	52370.	12380.	5840.	3644.	137355.		
1965	3120.	2984.	3028.	3056.	2372.	2907.	9420.	43300.	72580.	23560.	7890.	5916.	180133.		
1966	5333.	3874.	3623.	3383.	2927.	4433.	14101.	42980.	13830.	4600.	4023.	3064.	106171.		
1967	3232.	3046.	3065.	3068.	2873.	4180.	6906.	37820.	69250.	20760.	5170.	3207.	162577.		
1968	3715.	3216.	3441.	3296.	2971.	3712.	6617.	35120.	65416.	9080.	5910.	4576.	147070.		
1969	3376.	3095.	3175.	3040.	3355.	13636.	62165.	26490.	7370.	5419.	4230.	139219.			
1970	2927.	2456.	2101.	2214.	2324.	2658.	3816.	43491.	44581.	4870.	3288.	5449.	120175.		
1971	3762.	3808.	3861.	4667.	3576.	4544.	17166.	44039.	50561.	12168.	5382.	4920.	158454.		
1972	4490.	3840.	3545.	3405.	3045.	6485.	11341.	50713.	42776.	5199.	3920.	3323.	142082.		
1973	4967.	4310.	3855.	3395.	2910.	3295.	6380.	51108.	37430.	6517.	5808.	5960.	135935.		
Mean	3293.	4213.	3270.	3055.	2852.	3591.	9850.	42322.	39558.	10121.	4881.	3636.	130644.		

Qx(2)		Discharge (Acre-Feet)					Duchesne Tunnel				
Year		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	1000.	900.	700.	700.	900.	2400.	9300.	17900.	400.	2200.	800.
1931	1800.	1200.	1100.	1000.	1100.	1100.	7400.	3400.	0.	0.	19300.
1932	0.	700.	600.	500.	600.	2000.	12600.	23500.	4200.	400.	45800.
1933	400.	400.	200.	200.	200.	200.	2500.	21500.	1100.	100.	27000.
1934	0.	300.	200.	200.	200.	200.	2000.	0.	0.	0.	3800.
1935	0.	400.	300.	300.	300.	300.	1100.	5800.	11000.	800.	100.
1936	0.	400.	300.	300.	300.	300.	1000.	24400.	13500.	3800.	1900.
1937	300.	600.	500.	400.	300.	400.	900.	20600.	9800.	2200.	100.
1938	600.	500.	500.	400.	400.	500.	900.	11900.	17000.	1900.	100.
1939	1000.	900.	800.	700.	600.	800.	3000.	15200.	4100.	0.	0.
1940	800.	400.	200.	200.	200.	300.	1400.	16700.	3100.	0.	400.
1941	1700.	1000.	600.	500.	600.	800.	18800.	18800.	3200.	1000.	600.
1942	800.	700.	300.	300.	300.	2000.	9700.	18300.	1900.	0.	200.
1943	300.	400.	200.	200.	300.	400.	3000.	16900.	18200.	4500.	1500.
1944	400.	700.	500.	400.	500.	500.	1800.	14600.	18200.	3600.	0.
1945	400.	400.	300.	300.	300.	300.	500.	11300.	16400.	4800.	2200.
1946	200.	700.	600.	600.	500.	600.	5200.	14600.	10300.	0.	0.
1947	600.	600.	600.	600.	600.	600.	1200.	19400.	7200.	4200.	700.
1948	200.	500.	400.	300.	400.	400.	800.	14000.	9100.	0.	0.
1949	0.	400.	400.	300.	400.	400.	2200.	12100.	10100.	4400.	0.
1950	500.	600.	400.	400.	300.	400.	1800.	10400.	10100.	6100.	100.
1951	300.	600.	600.	600.	500.	600.	1600.	12100.	10100.	6400.	1500.
1952	600.	600.	600.	500.	500.	500.	2100.	0.	0.	5500.	1900.
1953	600.	600.	400.	400.	300.	400.	1100.	1300.	21400.	1900.	600.
1954	100.	500.	400.	400.	300.	400.	1800.	15600.	1300.	0.	0.
1955	200.	400.	400.	400.	400.	400.	500.	11100.	13500.	0.	300.
1956	0.	600.	700.	600.	500.	500.	2200.	14900.	7200.	400.	0.
1957	0.	400.	400.	400.	400.	500.	700.	5800.	10400.	7700.	500.
1958	200.	700.	600.	600.	600.	600.	1200.	18600.	14300.	100.	0.
1959	0.	400.	400.	400.	400.	400.	1200.	3700.	18900.	1300.	0.
1960	400.	1100.	600.	500.	500.	500.	2700.	10800.	12000.	0.	0.
1961	0.	600.	600.	400.	300.	400.	800.	4600.	700.	0.	0.
1962	1400.	1100.	1000.	800.	800.	800.	4800.	12900.	24400.	900.	0.
1963	300.	400.	200.	200.	300.	400.	600.	12100.	16800.	0.	100.
1964	0.	700.	500.	500.	400.	400.	500.	12100.	14800.	4600.	0.
1965	0.	300.	400.	600.	500.	600.	1100.	8500.	27100.	10400.	0.
1966	2400.	1100.	800.	600.	600.	600.	2100.	15100.	5400.	0.	0.
1967	0.	600.	700.	600.	500.	500.	800.	9100.	16500.	10800.	400.
1968	0.	500.	500.	400.	400.	400.	800.	5300.	2100.	3500.	0.
1969	500.	700.	500.	400.	300.	400.	1500.	7300.	8300.	1800.	0.
1970	900.	1000.	500.	400.	300.	400.	400.	11500.	17600.	4600.	0.
1971	0.	700.	500.	500.	400.	400.	600.	7400.	20300.	5100.	0.
1972	700.	700.	600.	500.	300.	600.	800.	12900.	10100.	800.	0.
1973	1600.	1100.	900.	600.	400.	400.	700.	17600.	14400.	6400.	1800.
Mean	482.	641.	523.	473.	418.	486.	1468.	11375.	12480.	2711.	450.

Year	Oct	QX (3) Discharge (Acre-Feet)			Provo River below Upper Reservoir							
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
1930	5110.	3560.	4930.	4890.	4570.	4670.	11980.	43420.	47900.	12220.	10150.	5890.
1931	6430.	4280.	4800.	4530.	3760.	3780.	6790.	32430.	14250.	2300.	1130.	1590.
1932	1920.	9010.	3400.	2560.	3310.	4470.	12370.	73670.	19560.	5350.	3410.	197450.
1933	3140.	5580.	3350.	2390.	3720.	8290.	33510.	63570.	8370.	3170.	2190.	140630.
1934	2260.	8300.	2880.	2500.	2440.	2270.	5060.	21670.	8130.	310.	1190.	1230.
1935	1430.	16870.	2800.	2300.	2240.	2290.	7170.	40130.	57540.	5960.	3130.	2090.
1936	2370.	7580.	2920.	2660.	2690.	3650.	14510.	75690.	47720.	19810.	5500.	4040.
1937	3230.	4220.	3670.	3180.	3140.	4430.	11950.	69530.	41970.	19510.	5270.	3640.
1938	4030.	4030.	4100.	3410.	3110.	5590.	12920.	58720.	58080.	18630.	6760.	4810.
1939	4560.	3950.	4310.	3680.	3150.	5540.	12470.	49840.	25840.	5260.	2820.	124240.
1940	3930.	6880.	2940.	2980.	3010.	2930.	7900.	52780.	18090.	4260.	3070.	111840.
1941	4040.	7930.	3400.	2890.	2990.	4530.	8220.	56870.	50460.	18430.	5620.	4670.
1942	4120.	3750.	3850.	3630.	3030.	3550.	14760.	46000.	54210.	20360.	5930.	3760.
1943	3100.	5080.	3570.	4230.	3580.	5300.	16580.	57050.	60690.	21720.	6880.	3830.
1944	3760.	4410.	3610.	3280.	2710.	3680.	10850.	60310.	66220.	19690.	3580.	3560.
1945	3090.	4940.	3390.	2880.	4140.	3870.	9440.	56360.	59330.	24990.	14220.	4580.
1946	3690.	3140.	4340.	4030.	3340.	4990.	19800.	56380.	38590.	4200.	5050.	3430.
1947	4410.	3480.	3990.	3180.	3000.	4760.	11410.	66660.	51130.	11880.	6670.	4490.
1948	3650.	3770.	3790.	3110.	3140.	3630.	12870.	58460.	36820.	2540.	4990.	1850.
1949	2820.	4210.	3890.	3620.	2660.	5000.	15250.	58840.	57420.	18590.	4870.	2710.
1950	4280.	4880.	3910.	4560.	3480.	3940.	12970.	55250.	82760.	19900.	5200.	3770.
1951	3410.	4080.	5000.	5510.	4800.	4520.	12010.	65040.	69060.	20980.	6990.	5340.
1952	4430.	4340.	4220.	3990.	370.	14870.	59780.	63990.	17390.	6760.	5040.	192990.
1953	3680.	3440.	3480.	3310.	3090.	3860.	9620.	27880.	70730.	12530.	5230.	3980.
1954	2776.	3077.	3360.	2930.	2861.	3610.	15370.	57450.	15280.	4340.	3559.	2485.
1955	2728.	2904.	3057.	2700.	2509.	3470.	5657.	56930.	38770.	5780.	5240.	3905.
1956	2839.	4144.	4830.	5170.	4595.	4677.	14660.	68670.	46740.	7200.	4477.	2774.
1957	2502.	2403.	3083.	2702.	2785.	3230.	5800.	38910.	91160.	19660.	6970.	5491.
1958	3530.	3888.	4125.	4115.	3789.	3960.	9980.	74270.	47280.	7110.	3886.	2906.
1959	2470.	2658.	3090.	2799.	2911.	3450.	10740.	38930.	48300.	10200.	4687.	3419.
1960	5180.	4015.	3091.	2955.	3098.	16070.	53220.	33780.	53220.	33780.	5840.	3373.
1961	3149.	3683.	3527.	2505.	2222.	3053.	7239.	8350.	1479.	2041.	5960.	76168.
1962	6210.	6050.	5828.	6179.	5425.	23290.	5970.	82540.	13030.	6860.	3162.	226764.
1963	3483.	2954.	2856.	1956.	3186.	3234.	5829.	56900.	47390.	6110.	4929.	4740.
1964	2835.	3497.	3129.	2738.	2386.	2794.	5132.	58020.	67170.	16980.	3710.	3644.
1965	3120.	3284.	3428.	3656.	2872.	3507.	10520.	51800.	99680.	33960.	7890.	5916.
1966	7733.	4974.	4423.	3983.	3527.	5033.	16201.	58080.	19230.	4600.	4023.	3064.
1967	3232.	3646.	3765.	3668.	3373.	4680.	7706.	46920.	85750.	31560.	5570.	3207.
1968	3716.	3941.	3696.	3371.	4212.	7417.	40420.	67516.	12580.	8210.	4576.	163370.
1969	4076.	3595.	3575.	3340.	3755.	15136.	69465.	34790.	9170.	5419.	4230.	160919.
1970	3456.	3284.	3428.	2601.	2624.	4216.	54991.	62181.	9470.	3288.	5849.	158075.
1971	3762.	4508.	4361.	5167.	3976.	4944.	17766.	51439.	70861.	17268.	5382.	194354.
1972	5190.	4540.	4145.	3905.	3345.	7085.	12141.	63613.	52876.	5999.	3920.	170082.
1973	6567.	5410.	4755.	3995.	3310.	3695.	7080.	51830.	12917.	7608.	7260.	183135.
Mean	3775.	4854.	3792.	3528.	3270.	4078.	11318.	53697.	52037.	12833.	5331.	3848.

Year	Oct	QX (4)				Discharge (Acre-Feet)				Reach Gain Upper Reservoir to Hailstone				Ann
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
1930	590.	940.	-830.	-690.	-370.	730.	6420.	-5720.	-6400.	-3520.	-1350.	-690.	-10890.	
1931	1970.	1520.	300.	-130.	140.	1020.	610.	-9230.	-3850.	-200.	870.	-190.	-7170.	
1932	-320.	-6010.	-100.	840.	-170.	2430.	-2120.	-6570.	-6460.	850.	-110.	-110.	-17550.	
1933	-140.	-2080.	-350.	-250.	310.	-20.	-2290.	-13010.	-30.	1330.	130.	-190.	-16830.	
1934	340.	-5400.	920.	6000.	5960.	330.	-3860.	-19070.	-7530.	1090.	810.	970.	-19440.	
1935	-30.	-14470.	-300.	600.	460.	1410.	3430.	-9130.	-3840.	3340.	870.	-90.	-17750.	
1936	-1170.	-5280.	-620.	100.	110.	-150.	5490.	16810.	-9620.	-4210.	4000.	560.	6020.	
1937	-230.	-820.	-570.	-380.	60.	-230.	550.	13770.	-8770.	-5610.	630.	-840.	-2440.	
1938	70.	-130.	-100.	-210.	-690.	16580.	4280.	-4980.	-5830.	-1660.	-410.	680.		
1939	-960.	350.	-10.	320.	350.	560.	4730.	-5340.	-5440.	-60.	-520.	-220.	-6240.	
1940	-430.	-3780.	-440.	-280.	-310.	870.	3300.	-1780.	-2890.	740.	-1170.	-270.	-6440.	
1941	560.	-3130.	800.	810.	1210.	1170.	-420.	-2270.	-6860.	-5730.	-3720.	-70.	-17650.	
1942	880.	1950.	1250.	1370.	1070.	1150.	5840.	-4400.	-3810.	-7860.	-2630.	-1660.	-6850.	
1943	0.	-1080.	1230.	-130.	720.	1900.	24320.	6350.	-7890.	-14120.	20.	-830.	10490.	
1944	940.	390.	190.	920.	1590.	1020.	-550.	-6910.	-10520.	-3090.	1420.	-1360.	-15960.	
1945	10.	-440.	10.	820.	-140.	2030.	-40.	-6160.	-4230.	-6790.	-4720.	1820.	-17330.	
1946	10.	2560.	660.	770.	1160.	2210.	19500.	20.	-2790.	30000.	-750.	-130.	-26220.	
1947	-110.	1120.	710.	720.	600.	1040.	1190.	2740.	-16330.	3420.	-170.	-90.	-5160.	
1948	350.	730.	710.	1490.	760.	1970.	-970.	5540.	-5220.	4560.	-390.	350.	9880.	
1949	-520.	-710.	-390.	180.	640.	-200.	3950.	-5540.	-11820.	-3690.	730.	590.	-16780.	
1950	1220.	120.	-10.	-760.	520.	1860.	7030.	1750.	-10660.	0.	2200.	430.	3700.	
1951	190.	1320.	900.	-710.	-400.	1080.	4190.	-3040.	-12860.	-1780.	1510.	-1040.	-10640.	
1952	1070.	960.	690.	780.	910.	1530.	13430.	20420.	-13190.	2010.	4740.	1260.	44610.	
1953	1320.	1160.	1220.	1290.	810.	1740.	-220.	-7680.	-2630.	-830.	670.	380.	-3530.	
1954	224.	1223.	1140.	1470.	1239.	1990.	1030.	-11250.	-2780.	860.	-1359.	-285.	-6498.	
1955	-228.	796.	343.	600.	791.	230.	2243.	-9330.	-8270.	1920.	-1940.	-1105.	-13950.	
1956	-39.	56.	1270.	-270.	-595.	1923.	2040.	-1170.	-6540.	900.	-477.	-774.	-3676.	
1957	498.	1597.	-483.	-202.	1115.	2070.	3300.	1290.	-8760.	5040.	2330.	-1391.	6404.	
1958	870.	1812.	675.	85.	211.	440.	2120.	1230.	-4880.	1190.	-986.	-206.	2561.	
1959	330.	742.	610.	601.	189.	1150.	460.	-10730.	-5400.	-1300.	-1687.	-519.	-15554.	
1960	520.	-1630.	-315.	-291.	-255.	1992.	1130.	-11620.	-5180.	60.	-1773.	-1179.	-18541.	
1961	-449.	-83.	73.	395.	378.	547.	-2139.	-13060.	-2050.	-79.	-477.	-774.	-3676.	
1962	-610.	-2120.	-850.	-228.	3921.	-225.	8710.	-1870.	-4540.	270.	-1360.	-762.	336.	
1963	-83.	646.	244.	2044.	7314.	766.	2271.	-4700.	-1590.	3190.	-1029.	-40.	9033.	
1964	-135.	403.	371.	862.	1014.	1006.	2368.	-220.	-2870.	1020.	2190.	56.	6065.	
1965	-120.	616.	1672.	1444.	1228.	993.	2480.	-1100.	-2780.	1640.	3810.	81.	1267.	
1966	867.	826.	477.	417.	673.	1967.	1599.	-7280.	-1430.	-100.	-1523.	-364.	-16868.	
1967	868.	954.	1635.	832.	627.	1820.	994.	-1620.	-5450.	140.	3030.	1893.	5723.	
1968	885.	584.	659.	504.	729.	1588.	1883.	-820.	-3116.	2920.	2290.	1424.	9530.	
1969	1132.	1124.	1005.	1160.	1445.	5164.	1235.	10.	4130.	81.	-430.	17181.		
1970	2073.	2144.	2186.	2199.	942.	1484.	-2991.	-4081.	5530.	812.	251.	11525.		
1971	1038.	792.	1539.	1433.	1224.	2356.	2634.	-839.	7839.	1532.	1018.	780.	21346.	
1972	810.	1355.	1195.	1255.	2415.	3359.	987.	-4376.	2501.	280.	777.	11618.		
1973	2133.	1190.	1145.	1205.	1090.	1305.	3520.	1892.	-4230.	3583.	592.	1540.	14965.	
Mean	368.	-397.	469.	659.	919.	1111.	3666.	-2311.	-5208.	-349.	137.	-36.	-973.	

Provo River Simulation Jordanelle Reservoir Full Weber Pr.

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Year	Discharge (Acre-Feet)						Provo River below Francis Diversions					
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1930	5700.	4500.	4100.	4200.	5400.	18400.	37600.	41400.	7500.	7300.	4500.	144800.
1931	8400.	5800.	5100.	4400.	3900.	7400.	23100.	10400.	600.	1800.	600.	76300.
1932	1600.	3000.	3300.	3400.	3500.	4300.	14800.	56200.	66900.	12200.	5000.	2700.
1933	3000.	3500.	3000.	3100.	2700.	3700.	6000.	20400.	63600.	8300.	1700.	1000.
1934	2600.	2900.	3800.	8500.	8400.	2600.	1200.	2500.	600.	1400.	1500.	120000.
1935	1400.	2400.	2500.	2900.	2700.	3700.	10600.	30900.	53700.	7900.	2500.	37300.
1936	1200.	2300.	2300.	2700.	2800.	3500.	2000.	92400.	37900.	14600.	8300.	1500.
1937	3000.	3400.	3100.	2800.	3200.	4200.	12500.	83200.	33200.	13000.	6800.	4100.
1938	4100.	3900.	4000.	3300.	2900.	4900.	29500.	62900.	53000.	11800.	3900.	2100.
1939	3600.	4300.	4300.	4000.	3500.	6100.	17200.	44400.	20400.	3900.	1300.	188100.
1940	3500.	3100.	2500.	2700.	3800.	11200.	50900.	15200.	3700.	700.	2000.	115000.
1941	4600.	4800.	4200.	3700.	4200.	5700.	7800.	54500.	43600.	11400.	4500.	102000.
1942	5000.	5700.	5100.	5000.	5000.	4100.	4700.	20600.	41500.	50400.	11300.	1900.
1943	3100.	4000.	4800.	4100.	4300.	7200.	40900.	63300.	52700.	6600.	5600.	170500.
1944	4700.	4800.	3800.	4200.	4300.	4700.	10300.	53300.	55600.	15500.	3700.	188100.
1945	3100.	4500.	3400.	3700.	4000.	5900.	9400.	50100.	54900.	16900.	7900.	102000.
1946	3700.	5700.	5000.	4800.	4500.	7200.	39300.	56300.	35800.	5700.	2800.	152900.
1947	4300.	4600.	4700.	3900.	3600.	5800.	12600.	69300.	34500.	15000.	11300.	1500.
1948	4000.	4500.	4500.	4600.	3900.	5600.	11900.	63900.	31400.	5700.	6600.	156800.
1949	2300.	3500.	3500.	3800.	3300.	4800.	19200.	53200.	45600.	14000.	4300.	2500.
1950	5500.	5000.	3900.	3800.	4000.	5800.	20000.	56900.	71900.	18900.	6200.	159500.
1951	3600.	5400.	5900.	4800.	4400.	5600.	16200.	61900.	56200.	18300.	6600.	2800.
1952	5500.	5300.	5100.	5000.	4900.	5300.	28300.	80100.	60600.	18600.	10700.	4100.
1953	5000.	4600.	4700.	4600.	3900.	5600.	9400.	20100.	68000.	10700.	5900.	235300.
1954	3000.	4300.	4500.	4400.	4100.	5600.	16400.	46200.	12500.	4100.	4900.	3000.
1955	2500.	3700.	3400.	3300.	3300.	3700.	7900.	47500.	30400.	6800.	2100.	144500.
1956	4200.	6100.	4900.	4000.	6600.	16700.	67400.	40200.	7100.	2600.	900.	160200.
1957	3000.	4000.	2600.	3900.	5300.	9100.	40100.	82400.	24200.	8700.	4000.	167500.
1958	4400.	5700.	4800.	4200.	4000.	4400.	12100.	75400.	42400.	7100.	1400.	1600.
1959	2800.	3400.	3700.	3400.	3100.	4600.	11200.	28100.	42900.	7900.	1700.	1100.
1960	5700.	5200.	3700.	2800.	2700.	5900.	17200.	41500.	28600.	4700.	600.	106800.
1961	2700.	3600.	3600.	2900.	2600.	3600.	5100.	19900.	6100.	600.	600.	2000.
1962	5600.	6100.	5200.	5600.	10100.	5200.	32000.	58000.	77800.	12300.	4400.	116600.
1963	3400.	3600.	3100.	4000.	10500.	4000.	8100.	52100.	45800.	8400.	3100.	205300.
1964	2700.	3900.	3500.	3600.	3400.	3800.	7500.	57700.	64200.	17100.	5000.	192900.
1965	3000.	3900.	5100.	5100.	4100.	4500.	13000.	50600.	96800.	35100.	600.	4000.
1966	8600.	5800.	4900.	4400.	4200.	7000.	17800.	50700.	17600.	3100.	5100.	235300.
1967	4100.	5400.	5400.	4500.	4000.	6500.	8700.	45200.	80200.	31000.	4400.	224000.
1968	4600.	4300.	4600.	4200.	4100.	5800.	9300.	39500.	64200.	14700.	4200.	150300.
1969	5500.	5200.	4600.	4700.	4500.	5200.	20300.	70600.	34700.	12400.	4500.	116600.
1970	5900.	4800.	4800.	3600.	3900.	5700.	51900.	58000.	14200.	600.	600.	239200.
1971	4800.	5300.	6600.	5200.	7300.	20400.	50500.	78600.	18000.	700.	1500.	166400.
1972	6000.	5500.	5100.	4600.	9500.	15500.	64500.	48300.	53000.	5400.	5500.	213500.
1973	8700.	5900.	5200.	4400.	5000.	10600.	70500.	47600.	15600.	3100.	3100.	178500.
Mean	4143.	4457.	4261.	4186.	5189.	14984.	51291.	46745.	11482.	4361.	3143.	158432.

Year	QX (7)	Discharge (Acre-Feet)												Ann				
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Weber	Provo	Diversion	Canal	
1930	0.	3100.	3100.	4300.	4000.	0.	0.	0.	0.	0.	22000.	0.	0.	0.	0.	0.	0.	
1931	0.	3400.	3100.	3100.	5600.	300.	0.	0.	0.	0.	22000.	0.	0.	0.	0.	0.	0.	
1932	0.	2800.	3100.	3200.	9600.	40800.	46400.	0.	0.	0.	112700.	0.	0.	0.	0.	0.	0.	
1933	0.	3100.	2900.	2800.	5000.	6000.	17300.	0.	0.	0.	42400.	0.	0.	0.	0.	0.	0.	
1934	0.	2600.	2700.	2400.	3500.	8100.	0.	0.	0.	0.	21900.	0.	0.	0.	0.	0.	0.	
1935	0.	2600.	2800.	2500.	3100.	7500.	4400.	23000.	0.	0.	48700.	0.	0.	0.	0.	0.	0.	
1936	0.	3100.	3100.	2900.	3400.	16500.	54200.	19600.	0.	0.	105900.	0.	0.	0.	0.	0.	0.	
1937	0.	3900.	3400.	3100.	2800.	8900.	45300.	6400.	0.	0.	77200.	0.	0.	0.	0.	0.	0.	
1938	0.	4500.	3700.	3400.	3100.	3700.	13700.	33500.	17200.	0.	0.	82800.	0.	0.	0.	0.	0.	0.
1939	0.	4800.	4400.	3700.	3300.	4600.	1000.	8100.	800.	0.	0.	30700.	0.	0.	0.	0.	0.	0.
1940	0.	2900.	2400.	2300.	3200.	4500.	0.	0.	0.	0.	17600.	0.	0.	0.	0.	0.	0.	
1941	0.	3400.	3200.	3100.	2600.	3400.	4200.	0.	0.	0.	19900.	0.	0.	0.	0.	0.	0.	
1942	0.	4600.	3900.	3500.	3100.	3700.	16100.	18300.	29100.	0.	0.	82300.	0.	0.	0.	0.	0.	0.
1943	0.	3300.	2900.	2600.	3500.	20800.	24500.	23200.	0.	0.	83900.	0.	0.	0.	0.	0.	0.	
1944	0.	4100.	3400.	3000.	2800.	3100.	4900.	35800.	39600.	0.	0.	96700.	0.	0.	0.	0.	0.	0.
1945	0.	4000.	3700.	3500.	3200.	3700.	4800.	10300.	20100.	0.	0.	53300.	0.	0.	0.	0.	0.	0.
1946	0.	4800.	4000.	3600.	3100.	4600.	22700.	26100.	0.	0.	68900.	0.	0.	0.	0.	0.	0.	
1947	0.	4200.	4000.	3400.	3200.	4300.	9400.	30500.	0.	0.	59000.	0.	0.	0.	0.	0.	0.	
1948	0.	4200.	4100.	3900.	3600.	4300.	9100.	37800.	57000.	0.	0.	72700.	0.	0.	0.	0.	0.	0.
1949	0.	3400.	3400.	3000.	3800.	14600.	25400.	0.	0.	0.	57000.	0.	0.	0.	0.	0.	0.	
1950	0.	4400.	3900.	3600.	3300.	3700.	13600.	13900.	0.	0.	49200.	0.	0.	0.	0.	0.	0.	
1951	0.	5100.	4600.	4200.	4000.	4100.	12700.	11700.	0.	0.	46400.	0.	0.	0.	0.	0.	0.	
1952	0.	4600.	3900.	3500.	2900.	3400.	15500.	0.	0.	0.	36500.	0.	0.	0.	0.	0.	0.	
1953	0.	3800.	3100.	3200.	2800.	3700.	7600.	4400.	23300.	0.	0.	51900.	0.	0.	0.	0.	0.	0.
1954	0.	3300.	3100.	3000.	3000.	9000.	0.	0.	0.	0.	24500.	0.	0.	0.	0.	0.	0.	
1955	0.	3000.	2800.	2500.	4500.	1700.	0.	0.	2800.	0.	0.	19800.	0.	0.	0.	0.	0.	0.
1956	0.	3400.	4500.	4200.	3000.	4600.	14900.	40600.	19200.	0.	0.	94400.	0.	0.	0.	0.	0.	0.
1957	0.	3300.	2500.	2600.	2700.	3200.	5300.	21600.	53400.	2200.	0.	96800.	0.	0.	0.	0.	0.	0.
1958	0.	3700.	3400.	3100.	3200.	3500.	6200.	40400.	13300.	0.	0.	76800.	0.	0.	0.	0.	0.	0.
1959	0.	3200.	2900.	2500.	3300.	7300.	0.	0.	0.	0.	22400.	0.	0.	0.	0.	0.	0.	
1960	0.	4500.	3100.	2800.	2500.	1400.	0.	0.	0.	0.	15700.	0.	0.	0.	0.	0.	0.	
1961	0.	3000.	2600.	2400.	2300.	2900.	4600.	2200.	0.	0.	20000.	0.	0.	0.	0.	0.	0.	
1962	0.	3900.	3100.	3200.	3300.	3600.	17600.	27400.	25100.	0.	0.	86800.	0.	0.	0.	0.	0.	0.
1963	0.	3000.	2900.	2800.	3100.	2900.	5600.	10000.	31000.	0.	0.	21200.	0.	0.	0.	0.	0.	0.
1964	0.	3500.	3000.	2600.	2300.	4600.	30300.	43000.	0.	0.	93100.	0.	0.	0.	0.	0.	0.	
1965	0.	3400.	3600.	3200.	3000.	2800.	8600.	31200.	55500.	0.	0.	122200.	0.	0.	0.	0.	0.	0.
1966	0.	5100.	4600.	4100.	3300.	4200.	2400.	21100.	0.	0.	44800.	0.	0.	0.	0.	0.	0.	
1967	0.	4200.	3700.	3500.	2900.	3100.	3800.	60000.	24300.	0.	0.	88100.	0.	0.	0.	0.	0.	0.
1968	0.	4200.	3900.	3400.	3100.	3800.	15400.	0.	0.	0.	48700.	0.	0.	0.	0.	0.	0.	
1969	0.	4600.	4200.	3800.	3300.	3800.	14300.	26200.	14800.	0.	0.	36800.	0.	0.	0.	0.	0.	0.
1970	0.	4300.	4400.	4900.	4000.	4400.	27400.	0.	0.	700.	62600.	0.	0.	0.	0.	0.	0.	
1971	0.	4300.	4200.	4100.	3700.	6700.	13400.	29700.	0.	0.	64400.	0.	0.	0.	0.	0.	0.	
1972	0.	4700.	4200.	4600.	3300.	3600.	5400.	34800.	0.	0.	66500.	0.	0.	0.	0.	0.	0.	
1973	0.	5100.	4600.	3900.	3300.	0.	0.	0.	0.	0.	60700.	0.	0.	0.	0.	0.	0.	
Mean	0.	3832.	3507.	3291.	2982.	3586.	9020.	18509.	11977.	0.	0.	57452.	0.	0.	0.	0.	0.	0.

QX (8)		Discharge (Acre-Feet)		Provo River below Weber Provo Canal									
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	5700.	8300.	7800.	7300.	7300.	9700.	22400.	37600.	41400.	7500.	7300.	4500.	166500.
1931	8400.	9200.	8200.	7800.	7000.	7900.	13000.	23400.	10400.	600.	1800.	600.	98300.
1932	1600.	5800.	6400.	6500.	6700.	8000.	24400.	97000.	113300.	12200.	5000.	2700.	289600.
1933	3000.	5900.	5900.	5900.	5200.	6500.	11000.	26400.	80900.	8300.	1700.	1000.	162400.
1934	2600.	5500.	6400.	11200.	10800.	6100.	9300.	2500.	600.	1400.	1500.	1300.	59200.
1935	1400.	5000.	5300.	5700.	5200.	6800.	18100.	35300.	76700.	7900.	2500.	1500.	171400.
1936	1200.	5400.	5400.	5800.	5700.	6900.	36500.	146600.	57500.	14600.	8300.	4100.	298000.
1937	3000.	6500.	5900.	6000.	7600.	21400.	128500.	39600.	13000.	6800.	2100.	247700.	
1938	4100.	8400.	7700.	6700.	6000.	8600.	43200.	96400.	70200.	11800.	3900.	3900.	270900.
1939	3600.	9100.	8700.	7700.	6800.	10700.	18200.	52500.	21200.	3900.	1300.	2000.	145700.
1940	3500.	6000.	4900.	5000.	5000.	7000.	15700.	50900.	15200.	3700.	700.	2000.	119600.
1941	4600.	8200.	7400.	6800.	9100.	12000.	54500.	43600.	11400.	4500.	3900.	172800.	
1942	5000.	10300.	9000.	8500.	7200.	8400.	36700.	59800.	79500.	11300.	1900.	1500.	239100.
1943	3100.	7300.	7900.	7000.	6900.	10700.	61700.	87800.	75900.	6600.	5600.	2500.	283000.
1944	4700.	8900.	8900.	7200.	7200.	7100.	7800.	15200.	89100.	95200.	15500.	3700.	1500.
1945	3100.	8500.	7100.	7200.	9600.	14200.	60400.	75000.	16900.	7900.	5700.	222800.	
1946	3700.	10500.	9000.	8400.	7600.	11800.	62000.	82400.	35800.	5700.	2800.	2200.	241900.
1947	4300.	8800.	8700.	7300.	6800.	10100.	22000.	99800.	15000.	5700.	4100.	227100.	
1948	4000.	8700.	8600.	8500.	7500.	9900.	21000.	101700.	37100.	5700.	3100.	1200.	217000.
1949	2300.	6900.	6900.	7200.	6300.	8600.	33800.	78600.	45600.	14000.	4300.	2700.	217200.
1950	5500.	9400.	7800.	7400.	7300.	9500.	33600.	70800.	71900.	21700.	6200.	3400.	254500.
1951	3600.	10500.	10500.	9000.	8400.	9700.	28900.	73600.	56200.	18300.	6600.	4000.	239300.
1952	5500.	9900.	9000.	8500.	7800.	8700.	43800.	80100.	60600.	21300.	10700.	5900.	271800.
1953	5000.	8400.	7800.	7800.	6700.	9300.	17000.	24500.	91300.	10700.	4900.	3000.	196400.
1954	3000.	7600.	7600.	7500.	7100.	8600.	25400.	46200.	12500.	4100.	600.	1100.	131300.
1955	2500.	6700.	6200.	6100.	5800.	6200.	12400.	49200.	30400.	6800.	2100.	2000.	136400.
1956	2800.	7600.	10600.	9100.	7000.	11200.	31600.	108000.	59400.	7100.	2600.	900.	257900.
1957	3000.	7300.	5100.	5100.	6600.	8500.	14400.	61700.	135800.	26400.	8700.	4000.	286600.
1958	4400.	9400.	8200.	7300.	7200.	7900.	18300.	115800.	55700.	7100.	1400.	1600.	244300.
1959	2800.	6600.	6900.	6300.	5600.	7900.	18500.	28100.	42900.	7900.	1700.	1700.	136900.
1960	5700.	9700.	7000.	5600.	5200.	7300.	18600.	41500.	28600.	4700.	600.	600.	134900.
1961	2700.	6600.	6200.	5300.	4900.	6500.	9700.	22100.	6100.	600.	5100.	76400.	
1962	5600.	10000.	8300.	8400.	13400.	8800.	49600.	85400.	102900.	12300.	4400.	1700.	310800.
1963	3400.	6600.	6000.	6800.	13600.	6900.	13600.	53100.	45800.	8400.	3100.	4200.	171500.
1964	2700.	7400.	6500.	6200.	5400.	6100.	12100.	88000.	107200.	18900.	5000.	3100.	268600.
1965	3000.	7300.	8700.	8300.	7100.	7300.	21600.	81800.	152300.	46000.	11000.	7000.	361400.
1966	8600.	10900.	9500.	8500.	7500.	11200.	20200.	71800.	17600.	3100.	700.	1500.	171100.
1967	4100.	8800.	9100.	8000.	6900.	10400.	14300.	68400.	111200.	4100.	7800.	4800.	294900.
1968	4600.	8500.	8500.	7600.	7200.	9600.	15300.	63800.	64200.	14700.	9600.	5800.	219400.
1969	5500.	9800.	8800.	8500.	7800.	9000.	35700.	70600.	34700.	14100.	4500.	3500.	212500.
1970	5900.	9400.	8200.	8300.	6700.	7200.	10200.	78100.	72800.	14200.	3000.	5000.	229000.
1971	4800.	9600.	9600.	9100.	9200.	8300.	16200.	28900.	94200.	48300.	7300.	3500.	277900.
1972	6000.	10300.	9700.	11700.	10500.	7700.	8600.	16000.	105300.	47600.	15600.	7300.	245600.
1973	8700.	11700.	11700.	11700.	11700.	11700.	11700.	11700.	11700.	11700.	11700.	8400.	256300.
Mean	4143.	8289.	7768.	7477.	7170.	8775.	24005.	69800.	58723.	12230.	4361.	3143.	215884.

Provo River Simulation Jordanelle Reservoir Full Weber Provo Development

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Year	Oct	QX(9)		Discharge (Acre-Feet)		Francis Area Return Flows						Ann	
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1930	0.	0.	0.	0.	0.	0.	0.	20.	32.	260.	452.	416.	1180.
1931	204.	56.	0.	0.	0.	0.	0.	20.	12.	308.	220.	304.	1124.
1932	112.	64.	0.	0.	0.	0.	0.	20.	52.	212.	364.	336.	1160.
1933	168.	48.	0.	0.	0.	0.	0.	20.	12.	288.	488.	444.	1468.
1934	212.	56.	0.	0.	0.	0.	0.	20.	12.	8.	100.	240.	648.
1935	148.	72.	0.	0.	0.	0.	0.	20.	12.	288.	468.	392.	1400.
1936	180.	40.	0.	0.	0.	0.	0.	20.	52.	232.	376.	324.	1224.
1937	156.	40.	0.	0.	0.	0.	0.	20.	12.	188.	108.	212.	736.
1938	84.	56.	0.	0.	0.	0.	0.	20.	32.	220.	368.	324.	1104.
1939	156.	40.	0.	0.	0.	0.	0.	20.	12.	268.	356.	344.	1196.
1940	152.	48.	0.	0.	0.	0.	0.	20.	12.	268.	396.	408.	1304.
1941	192.	64.	0.	0.	0.	0.	0.	20.	12.	268.	436.	412.	1404.
1942	196.	56.	0.	0.	0.	0.	0.	20.	12.	248.	424.	384.	1340.
1943	184.	48.	0.	0.	0.	0.	0.	20.	32.	220.	388.	336.	1228.
1944	164.	40.	0.	0.	0.	0.	0.	20.	32.	240.	400.	384.	1280.
1945	188.	56.	0.	0.	0.	0.	0.	20.	52.	292.	492.	436.	1536.
1946	212.	56.	0.	0.	0.	0.	0.	20.	12.	308.	480.	520.	1608.
1947	252.	88.	0.	0.	0.	0.	0.	20.	72.	104.	220.	180.	936.
1948	100.	24.	0.	0.	0.	0.	0.	20.	52.	312.	484.	492.	1484.
1949	240.	80.	0.	0.	0.	0.	0.	20.	12.	188.	368.	348.	1256.
1950	176.	48.	0.	0.	0.	0.	0.	20.	52.	232.	376.	384.	1288.
1951	192.	64.	0.	0.	0.	0.	0.	20.	12.	188.	488.	360.	1324.
1952	188.	24.	0.	0.	0.	0.	0.	20.	52.	192.	272.	240.	988.
1953	112.	32.	0.	0.	0.	0.	0.	20.	32.	220.	328.	320.	1064.
1954	152.	48.	0.	0.	0.	0.	0.	0.	0.	0.	452.	500.	1372.
1955	260.	88.	0.	0.	0.	0.	0.	20.	32.	200.	356.	376.	1332.
1956	192.	64.	0.	0.	0.	0.	0.	20.	12.	208.	400.	468.	1364.
1957	244.	88.	0.	0.	0.	0.	0.	20.	12.	108.	180.	132.	784.
1958	60.	8.	0.	0.	0.	0.	0.	20.	12.	248.	444.	496.	1288.
1959	252.	88.	0.	0.	0.	0.	0.	20.	12.	208.	380.	476.	1436.
1960	248.	96.	0.	0.	0.	0.	0.	20.	12.	248.	344.	396.	1364.
1961	188.	72.	0.	0.	0.	0.	0.	0.	0.	40.	184.	272.	380.
1962	196.	88.	0.	0.	0.	0.	0.	20.	52.	232.	356.	352.	1296.
1963	172.	56.	0.	0.	0.	0.	0.	20.	12.	188.	268.	212.	1060.
1964	124.	40.	0.	0.	0.	0.	0.	20.	32.	200.	296.	300.	1012.
1965	144.	48.	0.	0.	0.	0.	0.	20.	32.	120.	208.	184.	756.
1966	92.	24.	0.	0.	0.	0.	0.	20.	52.	312.	544.	568.	1612.
1967	288.	96.	0.	0.	0.	0.	0.	20.	32.	160.	252.	212.	1060.
1968	100.	24.	0.	0.	0.	0.	0.	20.	52.	192.	292.	212.	892.
1969	96.	16.	0.	0.	0.	0.	0.	20.	32.	200.	316.	252.	932.
1970	116.	24.	0.	0.	0.	0.	0.	20.	32.	180.	324.	416.	1112.
1971	220.	88.	0.	0.	0.	0.	0.	20.	32.	180.	304.	224.	1068.
1972	104.	16.	0.	0.	0.	0.	0.	20.	52.	272.	380.	348.	1192.
1973	160.	48.	0.	0.	0.	0.	0.	20.	12.	188.	288.	260.	976.
Mean	168.	53.	0.	0.	0.	0.	0.	19.	28.	218.	352.	349.	1187.

Provo River Simulation Jordanelle Reservoir Full Weber Pr., Development

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Year	QX(10) Discharge (Acre-Feet)										Drain Tunnel Creek							
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1930	1000.	1000.	1000.	1000.	1000.	1100.	1300.	1800.	1600.	1500.	1400.	1300.	15000.	15000.				
1931	600.	700.	800.	800.	800.	900.	1000.	800.	700.	700.	600.	600.	9100.	9100.				
1932	1000.	1100.	1000.	1000.	1100.	1200.	1200.	1100.	1100.	1000.	900.	900.	12500.	12500.				
1933	800.	800.	800.	800.	800.	800.	1000.	1100.	1100.	1000.	800.	800.	10300.	10300.				
1934	600.	700.	700.	700.	700.	800.	900.	800.	700.	900.	700.	700.	8800.	8800.				
1935	600.	700.	600.	600.	600.	700.	800.	700.	600.	600.	600.	600.	7600.	7600.				
1936	600.	700.	800.	800.	700.	800.	800.	1100.	1100.	600.	700.	800.	600.	9300.	9300.			
1937	900.	1000.	1000.	1000.	1000.	1100.	1100.	1100.	1100.	1100.	1100.	1100.	1000.	11900.	11900.			
1938	1100.	1200.	1200.	1200.	1200.	1200.	1400.	1500.	1600.	1200.	1200.	1100.	1100.	14800.	14800.			
1939	1000.	1100.	1000.	1000.	1000.	1000.	1200.	1400.	1200.	1000.	900.	1000.	1000.	12900.	12900.			
1940	1300.	1200.	1000.	1100.	1000.	1200.	1200.	1400.	1100.	1100.	800.	800.	1000.	900.	12800.	12800.		
1941	1100.	1100.	1100.	1100.	1100.	1100.	1200.	1400.	1200.	1200.	1200.	1200.	1000.	900.	13200.	13200.		
1942	1000.	1000.	1000.	1000.	1000.	1000.	1200.	1200.	1200.	1200.	1000.	1000.	1000.	900.	11600.	11600.		
1943	400.	600.	600.	600.	600.	600.	700.	800.	800.	400.	600.	700.	600.	500.	7100.	7100.		
1944	500.	700.	700.	800.	800.	800.	900.	1000.	800.	800.	800.	800.	800.	400.	9000.	9000.		
1945	500.	600.	500.	500.	600.	600.	700.	600.	500.	600.	600.	600.	400.	400.	6500.	6500.		
1946	500.	600.	500.	600.	600.	600.	600.	800.	800.	600.	600.	600.	600.	400.	7000.	7000.		
1947	500.	600.	600.	600.	600.	600.	700.	800.	700.	700.	600.	600.	600.	500.	7500.	7500.		
1948	1200.	1300.	1400.	1200.	1400.	1400.	1400.	2000.	1900.	1700.	1500.	1500.	1100.	1300.	17200.	17200.		
1949	1100.	1100.	1100.	1100.	1100.	1200.	1200.	1500.	1800.	1600.	1600.	1600.	1000.	800.	14500.	14500.		
1950	900.	1000.	1000.	1000.	1000.	1100.	1100.	1200.	1200.	1100.	1100.	1100.	1000.	800.	11800.	11800.		
1951	900.	1000.	1000.	1000.	1000.	1000.	1000.	1100.	1100.	1100.	1100.	1100.	1000.	800.	900.	900.		
1952	1400.	1600.	1600.	1600.	1600.	1600.	1800.	2000.	2000.	1800.	1800.	1800.	1500.	1400.	20300.	20300.		
1953	1200.	1300.	1200.	1200.	1200.	1200.	1200.	1400.	1700.	1500.	1200.	1200.	1100.	1000.	15100.	15100.		
1954	1000.	1100.	1100.	1100.	1100.	1200.	1200.	1200.	1200.	1200.	1200.	1200.	1100.	1000.	13900.	13900.		
1955	500.	600.	600.	600.	600.	600.	700.	800.	700.	700.	500.	500.	500.	400.	7100.	7100.		
1956	1000.	1100.	1100.	1100.	1100.	1200.	1200.	1400.	1400.	1400.	1100.	1100.	1000.	800.	13400.	13400.		
1957	1200.	1200.	1200.	1200.	1200.	1200.	1400.	1500.	1500.	1500.	1300.	1300.	1100.	1000.	15100.	15100.		
1958	1300.	1300.	1300.	1300.	1300.	1300.	1500.	1700.	1800.	1800.	1200.	1200.	1100.	1000.	16100.	16100.		
1959	1000.	1100.	1100.	1100.	1100.	1200.	1200.	1200.	1200.	1200.	1200.	1200.	1100.	1000.	12900.	12900.		
1960	600.	700.	700.	700.	700.	700.	700.	800.	600.	600.	600.	600.	500.	600.	400.	8700.	8700.	
1961	600.	700.	600.	600.	700.	700.	800.	800.	700.	700.	600.	600.	700.	700.	8300.	8300.		
1962	900.	1000.	800.	800.	800.	800.	1100.	1200.	1200.	1200.	1000.	1000.	800.	800.	10400.	10400.		
1963	400.	700.	700.	800.	800.	800.	1000.	900.	1000.	1000.	900.	1000.	900.	800.	11900.	11900.		
1964	900.	800.	800.	800.	800.	1000.	1000.	1100.	1100.	1100.	1100.	1100.	1200.	1000.	900.	13000.	13000.	
1965	1000.	1000.	1000.	1000.	1000.	1000.	1000.	1100.	1200.	1100.	1100.	1100.	1100.	1000.	900.	13200.	13200.	
1966	900.	800.	800.	800.	800.	800.	800.	1000.	1100.	800.	700.	700.	700.	700.	9200.	9200.		
1967	900.	1000.	1000.	1000.	1000.	1000.	1100.	1100.	1100.	1100.	1100.	1100.	1100.	1000.	800.	10400.	10400.	
1968	1200.	1100.	1100.	1100.	1100.	1100.	1100.	1100.	1100.	1100.	1100.	1100.	1100.	1000.	900.	11900.	11900.	
1969	1000.	1100.	1100.	1100.	1100.	1100.	1100.	1100.	1100.	1100.	1100.	1100.	1100.	1000.	900.	13000.	13000.	
1970	500.	700.	800.	800.	800.	800.	700.	800.	800.	800.	800.	800.	800.	700.	700.	11800.	11800.	
1971	400.	500.	500.	500.	500.	500.	500.	600.	600.	500.	500.	500.	500.	400.	400.	5900.	5900.	
1972	500.	500.	500.	500.	500.	500.	500.	600.	600.	500.	500.	500.	500.	400.	400.	6200.	6200.	
1973	1100.	1100.	1100.	1100.	1100.	1200.	1200.	1400.	1400.	1200.	1200.	1200.	1200.	1000.	1000.	14100.	14100.	
Mean	855.	923.	916.	918.	920.	1043.	1186.	1145.	934.	870.	855.	873.	873.					

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	7500.	7636.	8646.	8238.	8146.	10368.	22805.	38154.	41643.	15900.	13200.	7500.	189736.
1931	7500.	7500.	7500.	7500.	7500.	7500.	7500.	19879.	12100.	25271.	43955.	23971.	177675.
1932	13200.	7500.	7500.	7500.	7500.	7500.	7500.	22300.	102739.	14929.	30587.	18865.	247620.
1933	7500.	7500.	7500.	7500.	7500.	7500.	7500.	18300.	39177.	37584.	45673.	29727.	222961.
1934	7500.	7500.	7500.	7500.	7500.	7500.	7500.	8237.	20331.	26949.	38608.	36752.	11392.
1935	7500.	7500.	7500.	7500.	7500.	7500.	7500.	7700.	24833.	32982.	46000.	46015.	136666.
1936	7500.	7500.	7500.	7500.	7500.	7500.	7500.	29800.	17500.	31701.	58084.	34203.	223788.
1937	15270.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	20400.	20400.	29950.	49905.	222286.
1938	11859.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	24200.	27900.	28149.	49194.	29963.
1939	14626.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	29900.	16900.	36146.	44766.	218312.
1940	13901.	9357.	7500.	7500.	7500.	7500.	7500.	7700.	33500.	12978.	56215.	47468.	239890.
1941	10985.	7590.	7880.	7500.	7500.	7500.	7500.	7500.	30300.	26465.	47805.	49299.	21890.
1942	7500.	11338.	7500.	7500.	7500.	7500.	7500.	7500.	23400.	26700.	37152.	45186.	30791.
1943	15306.	11400.	7500.	7500.	7500.	7500.	7500.	7500.	33600.	21200.	39815.	42620.	233024.
1944	14538.	11400.	7500.	7500.	7500.	7500.	7500.	7500.	34500.	17000.	19314.	49398.	30068.
1945	15906.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	10900.	28434.	4519.	42639.	186718.
1946	14371.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	25300.	25300.	47675.	44953.	206844.
1947	10330.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	27200.	18000.	13800.	45769.	28855.
1948	9796.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	34500.	37220.	33442.	422603.	25704.
1949	10202.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	16000.	42644.	15133.	42834.	25683.
1950	8929.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	40308.	71563.	21605.	14900.	209805.
1951	7500.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	27731.	73154.	55623.	18061.	14500.
1952	7500.	7500.	7500.	7500.	7500.	7500.	7500.	9158.	44905.	81554.	61063.	21665.	7500.
1953	7500.	7500.	7500.	7500.	7500.	7500.	7500.	17748.	24754.	91143.	15100.	14100.	189084.
1954	7500.	7500.	7500.	7500.	7500.	7500.	7500.	10619.	46034.	13000.	16500.	38612.	228265.
1955	11793.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	26200.	16600.	35850.	45394.	32765.
1956	10317.	11400.	7500.	7500.	7500.	7500.	7500.	7500.	27200.	33200.	30900.	44136.	213973.
1957	9471.	10911.	7725.	7500.	7500.	7500.	7500.	7500.	8100.	74760.	39464.	35438.	20163.
1958	7971.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	77920.	55523.	15800.	11100.	215346.
1959	7500.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	25200.	30381.	22670.	47955.	198721.
1960	10039.	11400.	7500.	7500.	7500.	7500.	7500.	7500.	31200.	16500.	50129.	51079.	226626.
1961	7500.	8564.	8564.	7500.	7500.	7500.	7500.	7500.	24434.	22850.	20490.	22231.	13181.
1962	7500.	14742.	7500.	7500.	7500.	7500.	7500.	7500.	36000.	49300.	40722.	70154.	35438.
1963	18051.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	31118.	41833.	47539.	54486.	22375.
1964	12280.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	9300.	40178.	41842.	47954.	31994.
1965	15476.	11400.	7500.	7500.	7500.	7500.	7500.	7500.	17100.	21200.	37507.	42267.	15096.
1966	13959.	8564.	8564.	7500.	7500.	7500.	7500.	7500.	30000.	17127.	50314.	42444.	22844.
1967	14742.	9779.	7500.	7500.	7500.	7500.	7500.	7500.	15100.	30579.	51069.	39222.	286128.
1968	9779.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	17600.	63483.	14465.	14900.	197546.
1969	7500.	8033.	8033.	7500.	7500.	7500.	7500.	7500.	16500.	31200.	50129.	51079.	155686.
1970	7500.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	15700.	72143.	30579.	51069.	228752.
1971	7500.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	14045.	28605.	7743.	18053.	218087.
1972	7500.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	12243.	105654.	47423.	15800.	172226.
1973	7500.	7500.	7500.	7500.	7500.	7500.	7500.	7500.	11403.	7794.	35672.	38167.	221765.
Mean	10354.	8179.	7540.	7521.	7521.	10368.	22805.	38154.	41643.	15900.	13200.	36413.	20956.

Provo River Simulation Jordanelle Reservoir Full Weber Provo Development

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Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	8400.	11200.	13300.	11000.	10800.	11300.	4000.	-7700.	-1300.	3400.	4400.	5700.	74500.
1931	9400.	9800.	10500.	9900.	8400.	8200.	600.	-5900.	-300.	1300.	2100.	2200.	56200.
1932	2800.	5100.	6000.	5900.	8200.	12700.	10300.	4200.	-600.	4800.	6100.	6100.	71600.
1933	5700.	7200.	8400.	9500.	6900.	11800.	9000.	-3100.	-7800.	2200.	4500.	3800.	58100.
1934	3900.	5500.	4400.	1700.	1500.	7100.	3200.	4600.	3200.	1200.	1000.	900.	38200.
1935	1700.	3500.	5300.	6900.	6600.	6100.	-1200.	-5100.	-3400.	2100.	4400.	4500.	31400.
1936	5900.	6900.	5800.	7700.	7700.	11500.	9900.	-6200.	-500.	2700.	3300.	4500.	59200.
1937	6300.	9800.	8600.	8700.	8500.	13300.	13100.	-8400.	-1100.	2300.	6200.	6200.	73500.
1938	6900.	9000.	9800.	8500.	8200.	16100.	-2200.	-3100.	-4300.	3500.	6100.	6100.	64600.
1939	8500.	10400.	9700.	8300.	7300.	14100.	5400.	-8800.	-3000.	4400.	4800.	4000.	65100.
1940	6500.	5900.	5900.	8600.	8800.	7800.	-1200.	-10400.	-1700.	3500.	3400.	3200.	40300.
1941	3300.	5700.	5100.	6700.	6200.	9000.	5200.	-4400.	-100.	3600.	5900.	4900.	51300.
1942	6000.	8500.	8300.	7500.	6800.	9300.	12500.	-3800.	-2700.	3300.	5300.	5000.	66000.
1943	5500.	7100.	6800.	10700.	8600.	13200.	-7400.	-9600.	-2000.	10600.	4700.	4500.	56700.
1944	5700.	9300.	7900.	7400.	5400.	9400.	9100.	8000.	3100.	2100.	4300.	4400.	76100.
1945	5300.	7000.	6700.	7300.	11100.	9900.	8900.	6000.	-3600.	3000.	6700.	4900.	73200.
1946	7800.	11000.	10400.	8700.	7400.	11900.	6600.	-5000.	-4400.	2300.	4200.	2900.	63800.
1947	10500.	10700.	6000.	7100.	7300.	12600.	10900.	1200.	9200.	100.	6500.	5900.	88000.
1948	8000.	8900.	8300.	5800.	7200.	8200.	17400.	-7200.	-4400.	200.	3200.	2200.	58100.
1949	6000.	9000.	10500.	8700.	6400.	14800.	16400.	9700.	3400.	2600.	4600.	4400.	98500.
1950	12500.	10200.	7200.	11000.	10000.	12400.	15700.	9200.	-100.	3000.	5400.	6000.	102500.
1951	7300.	12400.	9900.	9700.	7300.	12600.	10900.	1200.	-4400.	2300.	4200.	2900.	63800.
1952	11300.	10700.	10000.	10000.	6900.	8300.	26800.	36600.	12300.	8700.	11900.	8300.	161800.
1953	9200.	11200.	12200.	12900.	8200.	11200.	7400.	-1600.	100.	300.	5100.	5500.	81700.
1954	7200.	9300.	7700.	10200.	10200.	10200.	9500.	2900.	-8300.	-1700.	3500.	4800.	4700.
1955	6100.	8700.	8100.	8500.	7000.	11500.	8800.	-2200.	-3900.	2400.	6100.	5900.	75000.
1956	8200.	9800.	13400.	11700.	9100.	10100.	7300.	200.	-2100.	1000.	4900.	4800.	78400.
1957	6400.	8200.	10000.	10900.	11400.	9900.	7300.	1900.	4000.	-2000.	2800.	6200.	77000.
1958	9500.	10700.	7900.	8000.	9300.	13500.	13500.	3500.	-200.	500.	4900.	4700.	83800.
1959	6600.	8500.	8500.	8300.	8500.	9400.	900.	-7100.	-3800.	400.	3000.	4400.	47600.
1960	7000.	8100.	7000.	7500.	8100.	10800.	600.	-7800.	-2500.	1500.	4300.	3900.	47800.
1961	4700.	7700.	7300.	6900.	6000.	7700.	1300.	-8100.	-1100.	2500.	3500.	2800.	39500.
1962	4400.	6400.	6000.	11700.	10400.	10400.	15200.	3700.	-1600.	400.	3900.	5400.	73200.
1963	6900.	5000.	6900.	6200.	7000.	7000.	10400.	-3200.	-4100.	400.	3600.	3500.	49600.
1964	5500.	8100.	10200.	6600.	3900.	6000.	12800.	1600.	-4800.	400.	4900.	4600.	59800.
1965	4000.	8600.	12700.	8300.	9200.	7500.	12600.	6200.	9500.	4200.	5700.	10500.	99000.
1966	10000.	11300.	11400.	8900.	8000.	13600.	6200.	-1200.	100.	3500.	3600.	5500.	80900.
1967	6200.	8500.	10400.	8700.	7400.	13000.	9100.	8200.	9900.	3000.	5700.	7300.	97400.
1968	5500.	8700.	10500.	8500.	10600.	11200.	11900.	1800.	7500.	2100.	7900.	5200.	91400.
1969	11100.	10300.	9400.	16700.	10700.	10900.	23200.	6500.	5500.	8500.	9400.	7500.	129700.
1970	11800.	11300.	10700.	11800.	10300.	9900.	5100.	-8000.	200.	4000.	6900.	5900.	79900.
1971	10500.	11500.	10700.	9400.	8300.	10100.	7600.	-5000.	-5600.	2000.	7500.	8500.	75500.
1972	10800.	11800.	12800.	10800.	8900.	13000.	9000.	-7100.	-2500.	4600.	5800.	6500.	89400.
1973	11500.	11100.	9900.	8700.	8100.	11500.	19700.	11200.	1700.	6800.	8300.	9500.	118000.
Mean	7234.	8830.	8934.	8718.	8118.	10643.	8657.	-382.	193.	2782.	5198.	5241.	74166.

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann	
1930	200.	200.	200.	200.	200.	200.	200.	200.	200.	6700.	5600.	200.	14500.	
1931	200.	200.	200.	200.	200.	200.	200.	200.	4300.	10400.	200.	200.	16700.	
1932	200.	200.	200.	200.	200.	200.	200.	200.	200.	5000.	8500.	1500.	16800.	
1933	200.	200.	200.	200.	200.	200.	200.	200.	200.	6800.	7900.	200.	16700.	
1934	200.	200.	200.	200.	200.	200.	200.	200.	3500.	11000.	500.	200.	16800.	
1935	200.	200.	200.	200.	200.	200.	200.	200.	200.	6700.	6000.	200.	16700.	
1936	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	2300.	7300.	900.	12300.
1937	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	2100.	8700.	2700.	15300.
1938	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	4000.	8500.	1400.	15700.
1939	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	10100.	4600.	200.	16700.
1940	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	10300.	4200.	200.	16700.
1941	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	5500.	6700.	200.	14200.
1942	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	4000.	8600.	2100.	16500.
1943	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	11000.	3800.	200.	16800.
1944	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	2200.	9200.	1900.	15100.
1945	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	3500.	4400.	200.	9900.
1946	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	7600.	7200.	200.	16800.
1947	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	2700.	7700.	400.	12600.
1948	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	7200.	7200.	200.	16900.
1949	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	3300.	7800.	3300.	16200.
1950	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	400.	7400.	400.	10000.
1951	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	2800.	7200.	200.	12000.
1952	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	5900.	200.	8100.
1953	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	4800.	8300.	1500.	16400.
1954	200.	200.	200.	200.	200.	200.	200.	200.	200.	1200.	10800.	3100.	200.	16900.
1955	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	7500.	7300.	200.	16800.
1956	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	7800.	7000.	200.	16800.
1957	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	4900.	500.	7400.
1958	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	7200.	7600.	200.	16800.
1959	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	7300.	7500.	200.	16800.
1960	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	10100.	4700.	200.	16800.
1961	200.	200.	200.	200.	200.	200.	200.	200.	200.	7200.	7600.	200.	16800.	
1962	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	1800.	9800.	2400.	15800.
1963	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	5800.	8900.	200.	16800.
1964	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	9700.	13000.	13000.
1965	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	3100.	200.	5300.
1966	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	10500.	4100.	200.	16600.
1967	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	6000.	1500.	9500.
1968	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	1700.	6300.	200.	10000.
1969	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	2600.	8600.	1000.	14000.
1970	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	5100.	8600.	200.	15700.
1971	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	16000.	6200.	200.	9800.
1972	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	7300.	7500.	200.	16800.
1973	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	5300.	6100.	200.	13400.
Mean	200.	200.	200.	200.	200.	200.	200.	200.	200.	200.	275.	5032.	6420.	650.

Provo River Simulation Jordanelle Reservoir Full Weber Provo Development

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QX(14) Discharge (Acre-Feet)										Provo River below Heber Valley Diversion					
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann		
1930	15700.	18636.	21746.	19038.	18746.	21468.	26605.	30254.	40143.	12600.	11800.	13000.	249736.		
1931	16700.	17100.	17800.	17200.	15700.	15500.	7900.	13779.	7500.	16171.	45855.	25971.	217175.		
1932	15800.	12400.	13300.	13200.	15500.	20000.	17600.	26300.	101939.	14729.	28187.	23465.	302420.		
1933	13000.	14500.	15700.	16800.	14200.	19100.	16300.	15000.	31177.	32994.	42273.	33327.	264361.		
1934	11200.	12800.	11700.	9000.	8800.	14400.	11237.	21431.	19149.	39308.	37552.	12092.	208670.		
1935	9000.	10800.	12600.	14200.	13900.	13400.	6300.	19533.	29382.	41400.	42415.	17966.	230896.		
1936	13200.	14200.	13100.	15000.	15000.	18800.	17200.	23400.	16800.	32101.	54084.	37803.	270688.		
1937	21370.	17100.	15900.	16000.	15800.	20600.	20400.	23400.	19100.	30150.	47405.	33260.	280486.		
1938	18559.	16300.	17100.	15800.	15500.	23400.	5300.	20900.	23400.	27649.	46794.	34663.	265364.		
1939	22926.	17700.	17000.	15600.	14600.	21400.	12700.	20900.	13700.	30446.	44966.	34775.	266712.		
1940	20201.	15057.	13200.	15900.	16100.	15100.	6300.	22900.	10878.	49415.	46668.	31771.	263490.		
1941	14085.	13090.	12780.	14000.	14000.	13500.	16300.	12500.	25700.	26365.	45905.	48499.	26590.		
1942	13300.	19638.	15630.	14800.	14800.	14100.	16600.	19800.	19400.	23800.	36452.	41886.	33691.		
1943	20606.	18300.	14100.	18000.	15900.	20500.	2800.	23800.	23000.	39415.	43520.	32982.	272924.		
1944	20038.	20500.	15200.	14700.	12700.	16700.	16400.	15300.	19900.	19214.	44498.	32568.	247718.		
1945	21006.	14300.	14000.	14600.	18400.	17200.	16200.	16700.	24634.	45019.	44939.	23146.	270144.		
1946	21971.	18300.	17700.	16000.	14700.	19200.	13900.	28400.	20700.	42375.	41953.	31555.	286754.		
1947	20630.	18000.	13300.	14400.	14600.	19900.	18200.	28200.	27000.	11200.	44569.	34485.	264484.		
1948	17596.	16200.	15600.	13100.	14500.	15500.	25000.	27100.	32620.	25942.	38603.	27704.	269465.		
1949	16002.	16300.	17800.	16000.	13700.	22100.	23700.	25500.	45844.	14433.	14433.	28783.	279795.		
1950	21229.	17500.	14500.	14800.	17300.	19700.	23000.	49308.	71263.	24205.	12900.	13100.	302305.		
1951	14600.	19700.	19900.	17200.	17000.	18900.	42331.	80154.	54423.	16761.	15100.	13500.	329568.		
1952	18600.	18000.	17300.	14200.	17258.	71505.	117954.	73163.	30165.	22300.	15600.	22300.	433344.		
1953	16500.	18500.	19500.	20200.	15500.	18500.	24948.	22954.	91043.	10600.	10900.	11500.	280646.		
1954	14500.	16600.	15000.	17500.	17500.	16800.	13319.	37534.	10100.	9200.	40112.	33456.	241821.		
1955	17693.	16000.	15600.	15800.	14300.	18800.	16100.	23800.	20300.	30750.	44194.	38465.	271803.		
1956	18317.	21000.	20700.	19000.	16400.	17400.	14600.	27200.	30900.	24100.	42036.	36573.	288226.		
1957	15671.	18911.	17525.	18200.	18700.	17200.	14600.	9800.	78560.	37264.	33338.	25863.	305633.		
1958	17271.	18000.	15200.	15300.	16600.	20800.	81220.	53123.	9100.	8400.	12000.	287814.			
1959	13900.	15800.	15800.	15600.	15800.	16700.	8200.	17900.	26381.	15770.	43455.	33860.	239166.		
1960	16839.	18200.	14700.	15400.	14800.	18100.	7900.	23200.	13800.	41529.	50679.	23045.	258192.		
1961	12000.	15000.	14600.	14200.	13300.	15000.	8600.	16334.	14550.	15390.	24831.	14781.	178386.		
1962	11700.	13700.	14600.	13300.	19000.	20900.	22500.	39500.	47500.	39322.	64322.	40452.	343528.		
1963	24751.	12300.	14200.	13500.	14300.	14300.	17700.	27718.	37533.	42139.	49186.	32543.	300170.		
1964	17580.	15400.	17517.	14082.	10955.	12893.	20100.	10700.	35178.	42042.	43154.	35294.	274895.		
1965	19276.	19800.	20000.	15600.	16500.	14800.	19900.	23100.	30500.	41507.	44867.	25396.	291246.		
1966	23759.	19664.	18700.	16200.	15300.	20300.	13500.	28600.	17027.	43314.	41944.	34144.	293052.		
1967	20742.	15800.	17700.	16000.	14700.	14200.	13500.	23100.	40279.	70783.	53869.	38922.	28175.		
1968	15079.	16000.	17800.	15800.	17900.	18500.	19200.	19200.	35178.	42042.	43154.	35294.	274895.		
1969	18400.	17600.	16700.	24000.	18533.	20468.	59205.	76854.	39743.	20400.	15300.	14000.	341203.		
1970	19100.	18600.	18000.	19100.	17600.	17200.	12400.	61892.	72143.	14600.	11100.	13200.	294935.		
1971	17800.	18800.	18000.	16700.	15600.	17400.	41525.	71943.	18453.	13700.	15800.	13700.	337675.		
1972	18100.	19100.	18100.	16200.	16200.	26845.	37405.	86354.	49763.	12200.	9800.	13800.	327767.		
1973	18800.	18400.	17200.	16000.	15400.	18800.	31743.	116554.	48923.	17300.	15100.	17400.	351721.		
Mean	17389.	16809.	16274.	16039.	15439.	18237.	19860.	35016.	37635.	27994.	35190.	25546.	281429.		

Year	Provo River below Deer Creek Reservoir												Ann
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1930 21430.	16165.	21692.	19217.	18193.	21077.	24817.	34900.	41200.	51800.	49200.	35100.	354790.	
1931 18700.	9900.	10800.	9500.	10400.	15200.	25200.	30200.	44271.	45200.	47900.	30900.	260171.	
1932 15900.	9900.	10800.	9500.	10500.	9700.	10900.	14000.	13700.	27500.	37400.	48700.	44235.	
1933 20000.	9900.	10400.	11100.	9500.	9400.	14000.	14000.	14000.	23900.	20900.	45800.	38853.	
1934 16300.	9900.	8119.	9800.	8723.	9731.	14800.	14800.	14800.	32833.	33053.	41400.	436664.	
1935 7600.	6248.	8619.	8900.	9500.	9400.	8300.	32500.	33200.	50400.	50400.	57137.	14828.	
1936 12253.	9348.	9400.	10800.	9700.	9400.	11700.	32400.	35700.	49600.	49600.	49100.	33100.	
1937 19900.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9400.	30000.	39000.	48900.	47500.	
1938 12800.	9900.	9900.	9900.	10200.	9500.	9400.	10900.	10900.	33000.	32100.	49400.	46400.	
1939 15300.	9900.	9900.	9900.	11300.	9500.	9400.	9700.	9700.	35600.	31000.	50000.	46300.	
1940 15900.	9900.	9900.	9900.	10500.	9500.	9400.	9400.	9400.	35800.	40100.	47500.	49831.	
1941 14853.	9900.	9900.	9900.	9900.	9900.	9900.	9900.	9900.	11800.	29400.	39400.	47000.	
1942 8353.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	8300.	35200.	39700.	48100.	
1943 18500.	9900.	9900.	9900.	10200.	9500.	9400.	10200.	9500.	8700.	23200.	35100.	42400.	
1944 16400.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	16100.	28200.	40500.	48500.	
1945 16600.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	11300.	40800.	38800.	45900.	
1946 14600.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	11500.	37500.	44200.	
1947 12200.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	10300.	36300.	34500.	
1948 12200.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	12400.	34500.	46100.	
1949 13200.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	12700.	32100.	46300.	
1950 12200.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	12600.	54061.	57723.	
1951 14000.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	22531.	119844.	76463.	
1952 12200.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	10300.	28400.	42400.	
1953 20300.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	14200.	35900.	46100.	
1954 16000.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	12700.	32100.	46900.	
1955 15200.	9900.	9900.	9900.	11300.	9900.	9400.	10000.	9500.	9400.	12600.	54061.	57723.	
1956 12200.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	12500.	37900.	48400.	
1957 24900.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	8300.	20500.	47300.	
1958 15500.	9900.	9900.	9900.	10500.	9500.	9400.	10000.	9500.	9400.	10300.	31554.	56423.	
1959 13100.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	11100.	13900.	33700.	
1960 12300.	9900.	9900.	9900.	10400.	9500.	9400.	10000.	9500.	9400.	11100.	36400.	48200.	
1961 7853.	10200.	10800.	9163.	7223.	10965.	15300.	15300.	15300.	15300.	15300.	26300.	32000.	
1962 7653.	9900.	9900.	10411.	9500.	9400.	9400.	9400.	9400.	9400.	9400.	21953.	24800.	
1963 18300.	9900.	9900.	10000.	9500.	9500.	9400.	9400.	9400.	9400.	9400.	50200.	64400.	
1964 14588.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	11200.	36300.	42700.	
1965 18800.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	11100.	33700.	43600.	
1966 23900.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	11100.	36400.	46300.	
1967 17500.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	11500.	33300.	41249.	
1968 14800.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	10700.	34800.	47200.	
1969 20500.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	8300.	30200.	40900.	
1970 21000.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	10900.	50055.	75243.	
1971 17800.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	8300.	84337.	53063.	
1972 13500.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	8300.	93179.	52223.	
1973 13500.	9900.	9900.	9900.	10000.	9500.	9400.	10000.	9500.	9400.	9400.	49100.	48700.	
Mean	15468.	9954.	10130.	10361.	9646.	9820.	11524.	38318.	42787.	47315.	47660.	32719.	285703.

Provo River Simulation Jordanelle Reservoir Full Weber Provo Development

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Provo R below Deer Crk Exc P R Project													
		QX(17) Discharge (Acre-Feet)			Provo R below Deer Crk Exc P R Project								
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	11030.	12265.	17792.	15217.	14693.	17677.	8017.	8200.	8800.	18400.	15700.	8800.	156590.
1931	4100.	5900.	6000.	6800.	5800.	5900.	7300.	9700.	13700.	19971.	19300.	11800.	116271.
1932	5900.	6000.	6000.	6800.	6000.	6000.	4400.	5300.	6800.	12500.	14000.	13235.	92935.
1933	4900.	6000.	6400.	5800.	5400.	7000.	7000.	7300.	6500.	16900.	16400.	10300.	97800.
1934	3200.	4600.	4300.	7100.	6000.	6000.	7300.	13300.	7400.	22100.	20900.	10000.	112200.
1935	4000.	6000.	6000.	7700.	6300.	6900.	8800.	11133.	4753.	10000.	17700.	7900.	97186.
1936	5400.	6000.	6000.	6200.	6000.	6000.	6000.	3900.	6800.	15000.	24337.	12500.	104137.
1937	5400.	4500.	4600.	6000.	4600.	6000.	6000.	4700.	3800.	7000.	14400.	15000.	84500.
1938	4700.	5000.	5900.	5900.	5400.	6000.	3800.	3900.	6900.	6900.	13200.	14200.	8200.
1939	4900.	5200.	6200.	5900.	6000.	6000.	6000.	6900.	8800.	18700.	17200.	9900.	98100.
1940	5000.	5400.	5300.	5900.	4600.	3900.	7500.	10800.	20500.	18900.	17928.	112628.	
1941	5900.	6000.	6000.	6500.	6000.	6000.	5900.	4900.	7400.	13200.	20900.	15193.	103893.
1942	4100.	6000.	6000.	6000.	6000.	6000.	6000.	2500.	4800.	6000.	11900.	14500.	10500.
1943	4800.	6000.	6000.	6000.	6000.	6000.	6000.	3200.	6200.	7100.	13500.	14800.	8500.
1944	4700.	4600.	4800.	5800.	4900.	5400.	6400.	40000.	5600.	11400.	14600.	8600.	80800.
1945	4900.	5500.	5600.	6000.	6000.	6000.	6000.	8000.	6300.	7500.	11300.	12300.	7900.
1946	4400.	5500.	5500.	6000.	6000.	6000.	6000.	1500.	7200.	8500.	15700.	14800.	8700.
1947	6000.	4900.	4300.	6000.	5800.	6000.	6000.	3900.	4100.	7600.	13100.	12800.	82200.
1948	5500.	5500.	5700.	6000.	6000.	6000.	6000.	6000.	40000.	6200.	13400.	13800.	8100.
1949	4500.	6000.	6000.	6000.	5800.	6000.	6000.	1800.	3800.	6400.	12000.	13500.	8000.
1950	6000.	5900.	5600.	6000.	6000.	6000.	6000.	2500.	3900.	4900.	9800.	12400.	7300.
1951	4400.	5500.	4400.	6000.	6000.	6000.	6000.	6000.	3600.	25261.	13723.	12000.	90300.
1952	6000.	6000.	5900.	6000.	6000.	6000.	6000.	20231.	98344.	37063.	8200.	8200.	213338.
1953	4400.	6000.	6000.	6000.	6000.	6000.	6000.	4900.	6200.	21293.	12000.	13400.	100393.
1954	4300.	5800.	6000.	6000.	6000.	6000.	6000.	6400.	8100.	10400.	12000.	17500.	106400.
1955	5600.	5100.	5100.	6000.	6000.	6000.	6000.	5700.	6000.	8600.	17900.	16300.	102400.
1956	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6100.	5500.	7000.	16300.	15200.	15729.
1957	18700.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	5900.	5100.	11100.	12600.	7700.
1958	4800.	4000.	4500.	5900.	5800.	6000.	6000.	6000.	3854.	20823.	13800.	14100.	8300.
1959	5300.	5900.	5900.	6000.	6000.	6000.	6000.	6200.	7800.	10600.	9000.	19200.	17600.
1960	5000.	4600.	6000.	6000.	6000.	6000.	6000.	5700.	6000.	7800.	17900.	16300.	10100.
1961	3700.	6300.	7600.	7700.	7500.	7000.	6000.	6000.	5000.	5000.	17900.	16300.	12500.
1962	6100.	6411.	6000.	6000.	6000.	6000.	6000.	6000.	4400.	5500.	7300.	10800.	47746.
1963	5200.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	8900.	6300.	8500.	15600.	36025.
1964	5400.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	4000.	6600.	11600.	13800.
1965	4900.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	4000.	8000.	8600.	19500.	24500.
1966	3000.	6000.	5900.	6000.	6000.	6000.	6000.	6000.	11200.	13800.	11959.	20900.	20000.
1967	4900.	5500.	5700.	6000.	6000.	6000.	6000.	6000.	4400.	5500.	7300.	10800.	21681.
1968	4300.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	5300.	12000.	11224.
1969	4100.	5900.	5500.	6000.	6000.	6000.	6000.	6000.	6000.	5949.	6800.	10900.	11700.
1970	4300.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	9100.	9500.
1971	3600.	5300.	5600.	6000.	6000.	6000.	6000.	6000.	3600.	5900.	9000.	18200.	16200.
1972	3300.	5000.	6000.	6000.	6000.	6000.	6000.	6000.	4400.	7600.	10900.	12400.	125359.
1973	3300.	3600.	4700.	5400.	5800.	6000.	6000.	6000.	6000.	5800.	5300.	12000.	11600.
Mean	5237.	5717.	5984.	6396.	6107.	6252.	5833.	11848.	9896.	14163.	16321.	9782.	103535.

Year	Discharge (Acre-Feet)			Provo River Project			Diversions			Ann		
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1930	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1931	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1932	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1933	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1934	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1935	0.	248.	2119.	2100.	2423.	2831.	2300.	5200.	9600.	20800.	17664.	528.
1936	153.	3348.	2619.	2700.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1937	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1938	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1939	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1940	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	10208.
1941	1853.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	17731.	728.
1942	953.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1943	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1944	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1945	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1946	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1947	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1948	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1949	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1950	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1951	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1952	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1953	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1954	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1955	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1956	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1957	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1958	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1959	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1960	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1961	153.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	9972.
1962	1553.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	28726.
1963	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1964	1588.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1965	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1966	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1967	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1968	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1969	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1970	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1971	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1972	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
1973	6200.	3900.	3900.	4000.	3500.	3400.	2300.	5200.	9600.	20800.	21700.	15500.
Mean	5356.	3804.	3830.	3872.	3412.	3384.	2300.	5200.	9504.	20327.	20869.	95786.

Provo River Simulation Jordanelle Reservoir Full Weber Provo Development

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Year	Oct	QX(21)		Discharge (Acre-Feet)		S L County M&I Diversions from Provo River						Ann	
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1930	4100.	4500.	4700.	3900.	4600.	2600.	7200.	8100.	14800.	11900.	11900.	7300.	77100.
1931	3700.	4700.	4800.	4200.	5100.	5700.	6800.	11600.	13800.	13200.	13200.	8200.	86500.
1932	5700.	5200.	4300.	4700.	4700.	2900.	4500.	6200.	9500.	11200.	11200.	7300.	72300.
1933	4600.	4500.	4800.	4400.	4600.	5500.	5600.	5600.	12600.	11700.	11700.	7700.	76300.
1934	2700.	4800.	5200.	4400.	4700.	5600.	9400.	4300.	15800.	14600.	14600.	6000.	82300.
1935	3700.	5700.	5400.	4600.	5700.	7200.	6100.	0.	5500.	12900.	12900.	5300.	67600.
1936	5200.	4600.	4800.	4700.	3900.	3600.	200.	3100.	6200.	12600.	11700.	11400.	72000.
1937	5200.	4800.	4900.	4900.	3700.	3700.	3400.	3100.	6400.	12000.	12300.	7500.	71900.
1938	4500.	4200.	4200.	4600.	4200.	3700.	0.	3200.	6300.	11100.	11100.	11700.	65100.
1939	4700.	4400.	4700.	4300.	3500.	1300.	5400.	7900.	14400.	12600.	12600.	7800.	75400.
1940	4800.	5200.	4900.	4100.	3800.	2300.	5300.	9200.	15100.	13300.	13300.	10400.	83600.
1941	5700.	5300.	5100.	4800.	4100.	3800.	4300.	3300.	6600.	9500.	17000.	13493.	82993.
1942	3900.	3600.	3500.	4000.	2300.	3300.	1000.	3900.	5400.	9000.	9000.	11100.	60000.
1943	4600.	4400.	4200.	4200.	3500.	3300.	1000.	5400.	6500.	10600.	11500.	11500.	66500.
1944	4500.	4200.	4200.	4600.	3900.	5000.	4900.	3200.	5000.	8600.	11300.	11300.	7100.
1945	4700.	4300.	4600.	4600.	3900.	4700.	6700.	5500.	6900.	8900.	9600.	9600.	71300.
1946	4200.	3900.	4100.	4200.	3900.	2600.	0.	6400.	7900.	12900.	11800.	11800.	69500.
1947	4300.	3700.	3900.	4200.	3600.	3200.	2600.	3400.	7000.	10700.	10200.	6700.	63500.
1948	4000.	3600.	3600.	3700.	2600.	3600.	1800.	3100.	5600.	10600.	10900.	10900.	59900.
1949	4300.	4000.	4100.	4500.	3300.	2800.	500.	3100.	5800.	10000.	11000.	11000.	7200.
1950	4000.	4000.	4200.	3200.	2600.	2800.	1200.	3500.	4500.	8600.	10500.	10500.	66000.
1951	4200.	3600.	3700.	4100.	3400.	3300.	2300.	3200.	5900.	10400.	9500.	9500.	60400.
1952	4000.	4100.	4100.	3100.	2500.	3400.	500.	3100.	4400.	7300.	8800.	8800.	6200.
1953	4200.	3600.	3600.	3900.	3700.	3900.	3400.	5300.	4600.	9100.	10100.	10100.	62900.
1954	4100.	4000.	4200.	4500.	3800.	4200.	4800.	6400.	9500.	14700.	12600.	12600.	81000.
1955	4800.	4700.	5000.	4300.	5300.	5300.	6500.	7100.	7000.	13500.	11800.	10400.	85800.
1956	5400.	4700.	4000.	3800.	4300.	3700.	4600.	4700.	7100.	13300.	11800.	11400.	78800.
1957	5100.	5000.	4700.	4900.	4300.	4600.	4500.	5300.	4500.	9200.	10200.	10200.	6800.
1958	4600.	4500.	4400.	4500.	3900.	3400.	3200.	3100.	6700.	11700.	11400.	11400.	68600.
1959	5000.	4700.	4500.	4800.	4200.	5100.	6200.	8700.	8000.	14400.	12500.	12500.	7600.
1960	4700.	5100.	4800.	4200.	3800.	3700.	4600.	4700.	7600.	14700.	14700.	15000.	15000.
1961	3100.	5000.	4900.	5300.	4500.	5400.	11000.	9500.	10400.	5100.	15100.	14100.	5300.
1962	5900.	5300.	5500.	5000.	4300.	5400.	11000.	4900.	6700.	9200.	11200.	10500.	75300.
1963	4900.	5000.	5100.	4300.	5300.	5300.	7400.	5100.	5100.	7700.	12000.	12300.	82000.
1964	5200.	4700.	5000.	4100.	4200.	4500.	6700.	3100.	6000.	4700.	6000.	8800.	10700.
1965	4700.	3700.	4000.	5300.	4500.	6600.	9500.	10400.	5100.	15100.	14100.	14100.	55300.
1966	2800.	3800.	4200.	3800.	3000.	2100.	4900.	8300.	14600.	12400.	12400.	7500.	71200.
1967	4700.	4600.	4600.	4100.	4000.	6100.	5300.	6100.	5300.	8900.	10000.	10000.	69200.
1968	4100.	4300.	4600.	4600.	3600.	3800.	5100.	5100.	4700.	9600.	9600.	9600.	64400.
1969	3900.	3600.	4000.	3800.	3500.	3500.	3900.	1500.	3200.	9100.	9700.	9700.	6000.
1970	4000.	3900.	4200.	4000.	3300.	4400.	5700.	5200.	5300.	9700.	10400.	10400.	5300.
1971	3500.	2400.	3100.	2400.	1800.	1600.	600.	4500.	4800.	9200.	9600.	9600.	49000.
1972	3300.	3000.	3200.	2500.	1700.	0.	100.	3100.	5200.	11200.	10100.	10100.	49700.
1973	3200.	3400.	3900.	3800.	2900.	3400.	4100.	4100.	5600.	9800.	10100.	10100.	58000.
Mean	4373.	4339.	4384.	4357.	3705.	3909.	4945.	6264.	1145.	11534.	11534.	11534.	7720.

Year	QX (24)		Discharge (Acre-Feet)		Salt Lake County M&I Diversions					Ann			
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1930	3400.	4100.	4500.	4700.	3900.	4600.	2600.	7200.	8100.	14800.	11900.	7300.	77100.
1931	3700.	4700.	4800.	4200.	5100.	5700.	6800.	11600.	13800.	13200.	8200.	86500.	72300.
1932	5700.	5200.	5200.	4300.	4700.	2900.	4500.	6200.	9900.	11200.	7300.	7700.	76300.
1933	4600.	4500.	4700.	4800.	4400.	4600.	5500.	5600.	5600.	12600.	11700.	7700.	82300.
1934	2700.	4800.	5200.	4400.	4700.	5600.	9400.	4300.	15800.	14600.	6000.	6000.	67600.
1935	3700.	5700.	5400.	4600.	4600.	5700.	7200.	6100.	0.	5500.	12900.	5300.	67300.
1936	5200.	4600.	4800.	4700.	3900.	3600.	200.	3100.	6200.	12600.	11700.	11400.	72000.
1937	5200.	4800.	4900.	4900.	3700.	3700.	3400.	3100.	6400.	12000.	12300.	7500.	71900.
1938	4500.	4200.	4200.	4600.	4200.	3700.	0.	3200.	6300.	11100.	11700.	7400.	65100.
1939	4700.	4400.	4400.	4700.	4300.	3500.	1300.	5400.	7900.	14400.	12600.	7800.	75400.
1940	4800.	5200.	5200.	4900.	4100.	3800.	2300.	5300.	9200.	15100.	13300.	10400.	83600.
1941	5700.	5100.	5100.	4800.	4100.	3800.	4300.	3300.	6600.	9500.	17000.	13492.	82993.
1942	3900.	3600.	3500.	4000.	2300.	3300.	1000.	3900.	5400.	9000.	11100.	9000.	60000.
1943	4600.	4400.	4200.	4200.	3500.	3300.	1000.	5400.	6500.	10600.	11500.	7300.	66500.
1944	4500.	4200.	4200.	4600.	3900.	5000.	4900.	3200.	5000.	8600.	11300.	7100.	66500.
1945	4700.	4300.	4300.	4600.	3900.	4700.	6700.	5500.	6900.	8900.	9600.	6900.	71300.
1946	4200.	3900.	4100.	4200.	3900.	2600.	0.	6400.	7900.	12900.	11800.	7600.	69500.
1947	4300.	3700.	3900.	4200.	3600.	3200.	2600.	3400.	7000.	10700.	10200.	6700.	63500.
1948	4000.	3600.	3600.	3700.	2600.	3600.	1800.	3100.	5600.	10600.	10900.	7300.	59900.
1949	4300.	4000.	4100.	4500.	3300.	2800.	500.	3100.	5800.	10000.	11000.	7200.	60600.
1950	4000.	4000.	4200.	3200.	2600.	2800.	1200.	3500.	4500.	8600.	10500.	6600.	55700.
1951	4200.	3600.	3700.	4100.	3400.	3300.	2300.	3200.	5900.	10400.	9500.	6800.	60400.
1952	4000.	4100.	4100.	3100.	2500.	3400.	500.	3100.	4400.	7300.	8800.	6200.	51500.
1953	4200.	3600.	3600.	3900.	3700.	3900.	3900.	3400.	5300.	4600.	9100.	10100.	6900.
1954	4100.	4000.	4200.	4200.	3800.	4200.	4800.	4200.	6400.	9500.	14700.	12600.	8200.
1955	4000.	4000.	4200.	3200.	2600.	2800.	1200.	3500.	4500.	8600.	10500.	6600.	55700.
1956	4200.	3600.	3700.	4100.	3400.	3300.	2300.	3200.	5900.	10400.	9500.	6800.	60400.
1957	5100.	5000.	4700.	4900.	4300.	4600.	4500.	4600.	5300.	4500.	9200.	10200.	6800.
1958	4600.	4500.	4400.	4500.	3900.	3400.	3200.	3200.	6700.	11700.	11400.	7200.	68600.
1959	5000.	4500.	4500.	4800.	4200.	5100.	6200.	6200.	8700.	8000.	14400.	12500.	7600.
1960	4800.	4700.	4700.	5100.	4300.	5300.	6500.	7100.	7000.	13500.	11800.	10400.	85800.
1961	5100.	5000.	4900.	4900.	4300.	3700.	4600.	4700.	7100.	13300.	11800.	11400.	78800.
1962	5900.	5300.	5300.	4300.	4300.	4600.	4500.	5300.	4500.	9200.	10200.	6800.	69100.
1963	4900.	5000.	5100.	5100.	4500.	3900.	3400.	3200.	3100.	6700.	11700.	11400.	7200.
1964	5200.	4700.	5000.	4800.	4200.	4200.	4200.	4200.	5100.	7100.	12000.	10300.	82000.
1965	4700.	4400.	3700.	4900.	5300.	4500.	6600.	9500.	10400.	5100.	15100.	14100.	53000.
1966	2800.	3800.	4200.	3800.	3800.	3000.	2100.	4900.	8300.	4500.	9200.	11200.	10500.
1967	4700.	4600.	4600.	4100.	4500.	4000.	6100.	7400.	5100.	7100.	12000.	10300.	7800.
1968	4100.	4300.	4300.	4600.	4600.	3600.	3800.	5100.	4700.	3100.	6000.	8900.	60000.
1969	3900.	3600.	4000.	3800.	3500.	3100.	3000.	4600.	5900.	14700.	13300.	10700.	73800.
1970	4000.	3900.	4200.	4000.	3300.	4400.	5700.	5200.	5300.	6400.	7900.	5200.	55300.
1971	3500.	2400.	3100.	2400.	1800.	1600.	600.	4500.	8300.	14600.	12400.	7500.	71200.
1972	3300.	3200.	3200.	2500.	1700.	0.	100.	3100.	5300.	8900.	10000.	6300.	69200.
1973	3200.	3400.	3900.	3900.	3800.	2900.	3400.	4100.	5600.	4700.	9600.	10100.	58000.
Mean	4373.	4339.	4384.	4357.	3705.	3909.	3441.	4945.	6264.	11145.	11534.	7720.	70116.

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Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	7430.	10165.	14492.	9317.	10393.	12577.	3817.	0.	0.	0.	0.	0.	68190.
1931	0.	2500.	1800.	0.	300.	0.	0.	0.	0.	171.	0.	0.	4771.
1932	0.	1700.	2400.	0.	700.	0.	0.	0.	0.	0.	0.	0.	10335.
1933	0.	1800.	2800.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4835.
1934	0.	700.	0.	0.	300.	400.	0.	0.	0.	0.	0.	0.	4600.
1935	0.	600.	800.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1400.
1936	0.	2500.	3400.	0.	900.	1900.	4300.	0.	0.	0.	0.	0.	8286.
1937	0.	1300.	1500.	0.	0.	1800.	0.	0.	0.	0.	0.	0.	22937.
1938	0.	2600.	3300.	400.	300.	2000.	2500.	0.	0.	0.	0.	0.	4600.
1939	0.	2400.	2300.	0.	500.	2200.	0.	0.	0.	0.	0.	0.	11100.
1940	0.	1500.	2200.	0.	600.	0.	0.	0.	0.	0.	0.	0.	7400.
1941	0.	2000.	2000.	0.	1000.	1700.	100.	0.	0.	0.	0.	0.	4428.
1942	0.	4400.	3700.	1100.	3200.	2400.	0.	0.	0.	0.	0.	0.	8728.
1943	0.	3500.	4100.	800.	2300.	2800.	700.	0.	0.	0.	0.	0.	6800.
1944	0.	2300.	2300.	0.	20.	200.	0.	0.	0.	0.	0.	0.	14200.
1945	0.	2900.	4200.	700.	1600.	1100.	0.	0.	0.	0.	0.	0.	5000.
1946	0.	3500.	3300.	1100.	1600.	3200.	0.	0.	0.	0.	0.	0.	10500.
1947	1500.	3100.	4800.	1200.	1700.	2600.	0.	0.	0.	0.	0.	0.	12700.
1948	1900.	3800.	3500.	1300.	290.	2100.	0.	0.	0.	0.	0.	0.	14900.
1949	0.	3600.	2800.	800.	1700.	2800.	0.	0.	0.	0.	0.	0.	18200.
1950	2300.	4000.	5100.	2900.	3200.	3300.	0.	0.	0.	0.	0.	0.	11700.
1951	0.	4400.	3700.	1900.	2600.	2700.	0.	0.	0.	0.	0.	0.	20800.
1952	2200.	4800.	3800.	3900.	4100.	3200.	0.	0.	0.	0.	0.	0.	44184.
1953	0.	3500.	3300.	1000.	2300.	1700.	0.	0.	0.	0.	0.	0.	180838.
1954	0.	3500.	2600.	100.	1200.	900.	0.	0.	0.	0.	0.	0.	27893.
1955	0.	1300.	1500.	0.	0.	100.	0.	0.	0.	0.	0.	0.	8300.
1956	400.	2900.	5100.	1500.	800.	1300.	0.	0.	0.	0.	0.	0.	2900.
1957	13400.	2800.	2600.	200.	1300.	1500.	2300.	0.	0.	0.	0.	0.	3029.
1958	0.	900.	1400.	0.	700.	1800.	3500.	54.	13523.	0.	0.	0.	24100.
1959	0.	2800.	2400.	0.	700.	0.	0.	0.	0.	0.	0.	0.	21877.
1960	0.	2200.	300.	0.	200.	1200.	0.	0.	0.	0.	0.	0.	5900.
1961	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3900.
1962	0.	2600.	1800.	11.	600.	500.	1800.	0.	0.	4359.	0.	0.	4359.
1963	0.	1900.	1900.	100.	2100.	700.	0.	0.	0.	0.	0.	0.	51938.
1964	0.	3000.	2300.	900.	600.	1500.	100.	0.	0.	0.	0.	0.	30149.
1965	0.	3800.	5300.	3600.	3700.	3300.	3100.	0.	0.	0.	0.	0.	8400.
1966	0.	3000.	4000.	500.	1200.	1600.	0.	0.	0.	0.	0.	0.	22800.
1967	0.	2900.	3600.	1000.	1200.	1100.	0.	0.	0.	0.	0.	0.	10300.
1968	0.	3600.	3700.	700.	1800.	1600.	2000.	0.	0.	0.	0.	0.	9800.
1969	0.	4000.	3800.	2000.	1100.	1900.	5900.	2149.	0.	0.	0.	0.	13400.
1970	0.	3200.	3100.	1200.	2100.	1200.	0.	0.	0.	0.	0.	0.	20849.
1971	0.	4300.	4400.	3200.	3800.	4100.	0.	0.	0.	0.	0.	0.	20492.
1972	0.	3200.	5100.	3100.	3900.	5000.	2000.	1755.	28343.	0.	0.	0.	65698.
1973	0.	1500.	2800.	1200.	1800.	3100.	3200.	46237.	5263.	0.	0.	0.	73800.
Mean	662.	2924.	3166.	1039.	1618.	1902.	1585.	5764.	2855.	4.	1459.	554.	23533.

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Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	65.	104.	292.	1170.	1540.	1690.	1326.	949.	630.	1436.	2028.	1696.	12928.
1931	916.	370.	435.	1339.	1703.	1768.	1352.	1566.	1456.	2736.	3425.	3139.	20208.
1932	1560.	572.	390.	1131.	1456.	1514.	1209.	825.	546.	1066.	1495.	1241.	13006.
1933	676.	299.	357.	1170.	1534.	1612.	1254.	1131.	819.	1794.	2483.	2320.	15450.
1934	1280.	598.	1072.	1651.	1800.	1618.	1306.	1885.	1889.	3159.	3679.	3347.	23386.
1935	1696.	708.	994.	1586.	1768.	1605.	1274.	1248.	890.	1898.	2554.	2366.	18589.
1936	1196.	442.	357.	1079.	1423.	1501.	1209.	825.	546.	1001.	1423.	1196.	12200.
1937	630.	247.	195.	916.	1319.	1475.	1144.	754.	500.	988.	1423.	1163.	10757.
1938	611.	234.	195.	916.	1319.	1475.	1144.	754.	500.	890.	1300.	1020.	10361.
1939	546.	240.	312.	1150.	1521.	1612.	1254.	1066.	780.	1768.	2450.	2138.	14839.
1940	1072.	409.	409.	1306.	1651.	1735.	1339.	1339.	1157.	2353.	3081.	2801.	18654.
1941	1397.	539.	702.	1384.	1644.	1592.	1241.	1098.	767.	1566.	2093.	1794.	15821.
1942	903.	357.	312.	1085.	1417.	1228.	971.	565.	565.	1176.	1748.	1527.	12740.
1943	799.	331.	279.	1098.	1456.	1579.	1241.	838.	546.	1163.	1716.	1410.	12460.
1944	728.	260.	195.	1014.	1378.	1547.	1228.	838.	546.	1131.	1696.	1495.	12057.
1945	786.	299.	195.	916.	1319.	1475.	1144.	786.	520.	1001.	1423.	1163.	11030.
1946	611.	266.	214.	994.	1358.	1534.	1228.	838.	546.	1131.	1599.	1306.	11628.
1947	669.	247.	195.	916.	1319.	1475.	1144.	754.	500.	988.	1391.	1144.	10744.
1948	598.	234.	195.	949.	1339.	1488.	1209.	858.	565.	1144.	1566.	1352.	11498.
1949	695.	273.	195.	884.	1300.	1430.	1124.	741.	500.	858.	1280.	1007.	10289.
1950	546.	208.	195.	786.	1241.	1423.	1144.	656.	377.	520.	903.	754.	8755.
1951	448.	195.	819.	1196.	1397.	1118.	721.	416.	676.	1046.	877.	9106.	
1952	494.	208.	637.	1085.	1300.	1066.	591.	344.	409.	552.	507.	7358.	
1953	312.	214.	279.	1066.	1404.	1547.	1228.	871.	565.	1176.	1716.	1443.	11823.
1954	747.	305.	474.	1280.	1605.	1625.	1287.	1150.	741.	832.	1859.	2587.	2353.
1955	1189.	461.	377.	1189.	1547.	1612.	1254.	1066.	747.	1781.	2424.	2132.	15782.
1956	1059.	377.	292.	1105.	1469.	1579.	1241.	838.	546.	1196.	1768.	1475.	12948.
1957	760.	273.	195.	949.	1339.	1521.	1228.	773.	507.	812.	1228.	1007.	10595.
1958	552.	221.	195.	916.	1254.	1404.	1163.	780.	526.	890.	1365.	1157.	10426.
1959	663.	299.	357.	1267.	1625.	1735.	1339.	1241.	903.	2002.	2723.	2431.	16587.
1960	1248.	481.	780.	1521.	1761.	1716.	1326.	1306.	942.	2028.	2756.	2515.	18381.
1961	1397.	1150.	1397.	1891.	1885.	1703.	1352.	1735.	1696.	2814.	3373.	3042.	23438.
1962	1514.	559.	292.	1040.	1397.	1534.	1228.	773.	507.	715.	1105.	929.	11596.
1963	559.	273.	357.	1105.	1462.	1566.	1241.	968.	689.	1482.	2041.	1729.	13474.
1964	871.	344.	377.	1124.	1443.	1547.	1228.	871.	565.	1144.	1599.	1371.	12486.
1965	708.	273.	195.	754.	1222.	1410.	1144.	656.	377.	520.	806.	695.	8762.
1966	409.	227.	312.	1118.	1436.	1560.	1228.	903.	617.	1436.	2028.	1761.	13039.
1967	890.	325.	195.	949.	1339.	1521.	1228.	708.	468.	819.	1280.	1007.	10731.
1968	546.	208.	195.	981.	1358.	1534.	1228.	806.	526.	988.	1423.	1163.	10959.
1969	611.	234.	195.	819.	1261.	1436.	1144.	721.	481.	780.	1144.	955.	9782.
1970	559.	240.	468.	1105.	1378.	1417.	1326.	1072.	838.	1241.	1339.	988.	11973.
1971	442.	143.	325.	968.	1300.	1358.	1274.	845.	416.	598.	955.	812.	9438.
1972	396.	123.	279.	949.	1254.	1306.	1241.	864.	435.	676.	1027.	890.	9444.
1973	461.	156.	292.	949.	1254.	1306.	1209.	715.	344.	461.	832.	702.	8684.
Mean	791.	330.	361.	1090.	1434.	1530.	1229.	946.	671.	1279.	1770.	1530.	12962.

Provo River Simulation Jordanelle Reservoir Full Weber Provo Development

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Year	Provo River Outflow to Utah Lake											QX(27) Discharge (Acre-Feet)	
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1930	7495.	10269.	14785.	10487.	11933.	14267.	5143.	949.	630.	1436.	2028.	1696.	81118.
1931	916.	2870.	2235.	1339.	203.	1768.	1352.	1566.	1456.	2907.	3425.	3139.	24979.
1932	1560.	2272.	2790.	1131.	2156.	2214.	1209.	825.	546.	1066.	1495.	6076.	23341.
1933	676.	2099.	3157.	1170.	1534.	1612.	1254.	1131.	819.	1794.	2483.	2320.	20050.
1934	1280.	1298.	1072.	1651.	2100.	2018.	1306.	1885.	1989.	3159.	3679.	3347.	24786.
1935	1696.	1308.	1794.	1586.	1768.	1605.	1274.	4281.	4743.	1898.	2554.	2366.	26876.
1936	1196.	2942.	3757.	1079.	2323.	3401.	5509.	825.	546.	1001.	11361.	1196.	35137.
1937	630.	1547.	1695.	916.	1319.	3275.	1144.	754.	500.	988.	1423.	1163.	15357.
1938	611.	2834.	3495.	1316.	1619.	3475.	3644.	754.	500.	890.	1300.	1020.	21461.
1939	546.	2640.	2612.	1150.	2021.	3812.	1254.	1066.	780.	1768.	2450.	2138.	22239.
1940	1072.	1909.	2609.	1306.	2251.	1735.	1339.	1157.	2353.	3081.	7230.	2783.	
1941	1397.	2539.	2702.	1384.	2644.	3292.	1341.	1098.	767.	1566.	2093.	1794.	22621.
1942	903.	4757.	4012.	2185.	4617.	3947.	1228.	871.	565.	1176.	1748.	1527.	27540.
1943	799.	3831.	4379.	1898.	3756.	4379.	1941.	838.	546.	1163.	1716.	1410.	26660.
1944	728.	2560.	2495.	1014.	1578.	1747.	1228.	838.	546.	1131.	1696.	1495.	17057.
1945	786.	3199.	4395.	1616.	2919.	2575.	1144.	786.	520.	1001.	1423.	1163.	21530.
1946	611.	3766.	3514.	2094.	2958.	4734.	1228.	838.	546.	1131.	1599.	1306.	24328.
1947	2169.	3347.	4995.	2116.	3019.	4075.	1144.	754.	500.	988.	1391.	1144.	25644.
1948	2498.	4034.	3695.	2249.	4239.	3588.	3909.	858.	565.	1144.	1566.	1352.	29698.
1949	695.	3873.	2995.	1684.	3000.	4230.	1124.	741.	500.	858.	1280.	1007.	21989.
1950	2846.	4208.	5295.	3686.	4441.	4723.	1144.	656.	377.	520.	903.	754.	29555.
1951	448.	4595.	3895.	2719.	3796.	4097.	1118.	22183.	7839.	676.	1046.	877.	53290.
1952	2694.	5008.	3962.	4537.	5185.	4500.	32697.	95536.	32607.	409.	552.	507.	188196.
1953	312.	3714.	3579.	2066.	3704.	3247.	1228.	871.	16659.	1176.	1716.	1443.	39717.
1954	747.	3805.	3074.	1380.	2805.	2525.	1287.	1150.	832.	1859.	2587.	2353.	24407.
1955	1189.	1761.	1877.	1189.	1547.	1612.	1354.	1066.	747.	1781.	2424.	2132.	18682.
1956	1459.	3277.	5392.	2605.	2269.	2879.	1241.	838.	546.	1196.	1768.	14505.	27977.
1957	14160.	3073.	2795.	1149.	2639.	3021.	3528.	773.	507.	812.	1228.	1007.	34695.
1958	552.	1121.	1595.	916.	1954.	3204.	4663.	834.	14049.	890.	1365.	1157.	32303.
1959	663.	3099.	2757.	1267.	2325.	1735.	1339.	1241.	903.	2002.	2723.	2431.	22487.
1960	1248.	1080.	1521.	1961.	2916.	1326.	1306.	942.	2028.	2756.	2515.		
1961	1397.	1150.	1397.	1891.	1885.	1703.	1352.	1735.	6056.	2814.	3373.	3042.	
1962	1514.	3159.	2092.	1051.	1997.	2034.	3028.	773.	507.	812.	1228.	1007.	
1963	559.	3873.	2257.	1205.	3562.	2266.	1241.	968.	689.	1482.	21966.	3553.	43623.
1964	871.	3344.	2677.	2024.	2043.	3047.	1328.	871.	565.	1144.	1599.	1371.	24359.
1965	708.	4073.	5495.	4354.	4922.	4710.	4244.	656.	377.	520.	806.	695.	31562.
1966	409.	3227.	4312.	1618.	2636.	3160.	1228.	903.	617.	1436.	2028.	1761.	23339.
1967	890.	3225.	3795.	1949.	2539.	2621.	1228.	708.	468.	819.	1280.	1007.	20531.
1968	546.	3808.	3895.	1681.	3158.	3134.	3228.	806.	526.	988.	1423.	1163.	
1969	611.	4234.	3995.	2819.	2361.	3336.	7044.	2870.	481.	780.	1144.	955.	30631.
1970	559.	3440.	3568.	2305.	3478.	2617.	1326.	1072.	10520.	1241.	1339.	988.	32464.
1971	442.	4443.	4725.	4168.	5100.	5458.	1274.	18400.	28759.	598.	955.	812.	75135.
1972	396.	3323.	5379.	4049.	5154.	6306.	3241.	47102.	5698.	676.	1027.	890.	83244.
1973	461.	1656.	3092.	2149.	3054.	4406.	4409.	68894.	5167.	461.	832.	702.	95385.
Mean	1454.	3255.	3527.	2129.	3052.	3432.	2814.	6710.	3527.	1283.	3229.	2085.	36495.

Provo River Simulation Jordanelle Reservoir Full Weber Provo Development

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Year	QX(28)	Discharge (Acre-Feet)	Upper Provo River Reservoir Yield	Ann
Oct	0.	0.	0.	0.
Nov	0.	0.	0.	0.
Dec	0.	0.	0.	0.
Jan	0.	0.	0.	0.
Feb	0.	0.	0.	0.
Mar	0.	0.	0.	0.
Apr	0.	0.	0.	0.
May	0.	0.	0.	0.
Jun	0.	0.	0.	0.
Jul	0.	0.	0.	0.
Aug	0.	0.	0.	0.
Sep	0.	0.	0.	0.
Ann	0.	0.	0.	0.
Mean	0.	0.	0.	0.

Year	Oct	Discharge (Acre-Feet)										Jordanelle Reservoir Yield					Development Ann				
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep									
1930	800.	0.	0.	0.	0.	0.	0.	0.	0.	6640.	4048.	1284.	12772.								
1931	0.	0.	0.	0.	0.	0.	0.	0.	0.	888.	23663.	41235.	22467.								
1932	10488.	536.	100.	0.	0.	0.	0.	0.	0.	0.	1517.	24323.	15029.	51993.							
1933	3532.	52.	800.	800.	1500.	0.	0.	0.	0.	28196.	42685.	27583.	105149.								
1934	4088.	1244.	400.	0.	600.	0.	0.	0.	0.	25637.	36300.	34452.	9252.	128984.							
1935	5352.	1728.	1600.	1200.	1700.	0.	0.	0.	0.	0.	37212.	42447.	11274.	102513.							
1936	5520.	1360.	1300.	1000.	1000.	0.	0.	0.	0.	0.	16169.	48608.	29179.	104136.							
1937	11214.	0.	0.	600.	500.	0.	0.	0.	0.	0.	15762.	41997.	26548.	96622.							
1938	6575.	0.	0.	0.	300.	0.	0.	0.	0.	0.	15029.	43826.	24739.	90468.							
1939	9870.	0.	0.	0.	0.	0.	0.	0.	0.	0.	31078.	42110.	27631.	110688.							
1940	8949.	2109.	1600.	1400.	1500.	0.	0.	0.	0.	0.	51447.	45372.	25463.	137840.							
1941	5093.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	35137.	43363.	16678.	100271.						
1942	1304.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	24604.	42262.	28607.	96777.						
1943	11622.	3452.	0.	0.	0.	0.	0.	0.	0.	0.	0.	32295.	36032.	25346.	108748.						
1944	9174.	1760.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2774.	44498.	27784.	85990.						
1945	12118.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	27727.	33847.	21835.	65563.						
1946	9959.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	41167.	41073.	25735.	117934.						
1947	5278.	0.	0.	0.	0.	100.	0.	0.	0.	0.	0.	0.	0.	39249.	424205.	68832.					
1948	4496.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	25930.	37919.	22712.	91057.				
1949	6562.	0.	0.	0.	0.	100.	0.	0.	0.	0.	0.	0.	0.	37066.	37919.	22712.	91057.				
1950	2353.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7524.	3016.	12893.					
1951	2808.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6512.	2340.	11660.					
1952	412.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	39249.	424205.	68832.					
1953	1188.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3080.	7772.	3180.	15220.				
1954	3348.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11080.	365560.	26356.	77344.				
1955	8533.	112.	700.	800.	1100.	600.	0.	0.	0.	0.	0.	0.	0.	28350.	42338.	29989.	112523.				
1956	6325.	2636.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	22592.	40136.	29705.	101394.				
1957	5027.	2323.	1425.	1200.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11956.	25458.	15031.	62421.				
1958	2211.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7452.	8056.	4204.	21923.				
1959	3448.	0.	0.	0.	0.	100.	800.	0.	0.	0.	0.	0.	0.	13762.	44975.	26484.	89569.				
1960	3491.	904.	0.	0.	0.	1200.	1600.	0.	0.	0.	0.	0.	0.	44481.	49435.	17549.					
1961	4012.	128.	600.	1600.	1900.	200.	0.	0.	0.	0.	0.	0.	0.	1634.	16010.	19106.	20659.	7001.	12850.		
1962	804.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	27390.	64598.	34700.	127492.				
1963	14079.	144.	800.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	38251.	50418.	23975.	127667.				
1964	8556.	0.	217.	682.	1055.	0.	0.	0.	0.	0.	0.	0.	0.	22042.	41858.	27894.	102304.				
1965	11332.	3052.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	30159.	46102.	30270.	16563.	5196.		
1966	4332.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8909.	40400.	4008.	4008.	588.		
1967	9454.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	520.	8776.	25976.	116844.				
1968	3879.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6828.	7620.	32525.	18596.			
1969	904.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4312.	0.	0.	0.		
1970	984.	0.	0.	0.	0.	100.	0.	0.	0.	0.	0.	0.	0.	0.	8684.	2848.	12436.				
1971	2080.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6296.	1384.	11764.				
1972	896.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6828.	7620.	32525.	18596.			
1973	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4312.	0.	0.	0.		
Mean	5284.	490.	217.	240.	301.	32.	0.	0.	0.	0.	0.	0.	0.	967.	17376.	30845.	16726.	72901.			

Year	QX(31) Discharge (Acre-Feet)			Diversions to Early Downstream Demands			Ann					
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1930	4200.	0.	0.	0.	0.	0.	14500.	21500.	22800.	12600.	11800.	10800.
1931	8400.	100.	0.	0.	200.	1100.	5600.	10300.	6900.	3500.	4200.	3600.
1932	3800.	0.	0.	0.	0.	0.	7300.	26300.	25200.	14100.	12200.	9400.
1933	8900.	1100.	0.	100.	400.	2100.	4400.	15000.	21300.	11000.	7900.	5600.
1934	6900.	1400.	2200.	0.	0.	0.	4400.	5400.	3900.	2900.	3100.	3000.
1935	3600.	0.	0.	0.	0.	0.	3700.	16500.	18700.	10600.	8300.	6400.
1936	6700.	0.	0.	0.	0.	0.	0.	23400.	16800.	14600.	11100.	8400.
1937	8300.	1500.	1400.	800.	1600.	0.	4700.	23400.	19100.	14400.	12400.	9100.
1938	1900.	1000.	100.	600.	0.	2200.	20900.	23400.	14900.	11600.	10100.	86800.
1939	4200.	800.	400.	0.	100.	0.	5800.	20900.	13700.	9900.	7500.	6600.
1940	4700.	600.	700.	400.	100.	1400.	3500.	22900.	10600.	8700.	5700.	5700.
1941	7100.	0.	0.	0.	0.	0.	100.	25700.	23100.	13500.	11200.	9600.
1942	3300.	0.	0.	0.	0.	0.	0.	7000.	19400.	23800.	14300.	8600.
1943	7500.	0.	0.	0.	0.	0.	0.	2800.	23800.	23000.	13800.	10100.
1944	5500.	1400.	1200.	400.	1100.	600.	600.	0.	14000.	19900.	15300.	9500.
1945	5500.	500.	400.	0.	0.	0.	5800.	16700.	23400.	16400.	13800.	6400.
1946	4000.	500.	0.	0.	0.	0.	7500.	28400.	20700.	9400.	8500.	6000.
1947	0.	1100.	1700.	0.	200.	0.	5300.	28200.	27000.	11200.	12300.	10200.
1948	0.	500.	300.	0.	0.	0.	0.	0.	27100.	18700.	8200.	8300.
1949	2500.	0.	0.	0.	200.	0.	0.	8300.	25500.	30100.	13500.	10700.
1950	0.	100.	400.	0.	0.	0.	0.	7900.	23000.	32400.	17200.	12900.
1951	3400.	0.	0.	0.	0.	0.	0.	6700.	23600.	34400.	14600.	15100.
1952	9700.	0.	0.	100.	0.	0.	0.	0.	16300.	29800.	23500.	22300.
1953	9700.	0.	0.	0.	0.	0.	0.	0.	3100.	17000.	31800.	10600.
1954	5500.	200.	0.	0.	0.	0.	0.	5500.	22600.	10100.	9200.	7400.
1955	3400.	1400.	900.	700.	700.	1000.	0.	0.	23800.	20300.	10000.	9100.
1956	0.	0.	0.	0.	0.	0.	0.	4100.	27200.	30900.	9100.	9300.
1957	0.	0.	0.	0.	0.	0.	0.	0.	9800.	33000.	15400.	12100.
1958	4500.	2000.	1500.	600.	200.	0.	0.	0.	22500.	26000.	9100.	8400.
1959	4500.	1600.	100.	0.	1500.	0.	0.	3800.	17900.	20000.	8200.	6300.
1960	1100.	0.	0.	0.	0.	0.	0.	4800.	23200.	13800.	7500.	6000.
1961	4000.	0.	0.	0.	0.	0.	0.	1800.	7300.	4600.	3900.	4300.
1962	0.	0.	0.	0.	0.	0.	0.	0.	1600.	39500.	47500.	13000.
1963	6900.	0.	0.	0.	0.	0.	0.	0.	24800.	24600.	9800.	7500.
1964	7600.	0.	0.	0.	0.	0.	0.	0.	10700.	27400.	13900.	11000.
1965	7700.	0.	0.	0.	0.	0.	0.	0.	0.	30500.	29600.	17700.
1966	14700.	0.	100.	0.	0.	0.	0.	0.	6600.	28600.	12700.	8200.
1967	6400.	500.	300.	0.	0.	0.	0.	0.	800.	23100.	25700.	24200.
1968	4300.	0.	0.	0.	0.	0.	0.	0.	0.	19200.	26000.	14400.
1969	10200.	100.	500.	0.	0.	0.	0.	0.	0.	30100.	28600.	20400.
1970	10500.	0.	0.	0.	0.	0.	0.	0.	400.	15000.	20900.	14600.
1971	8000.	700.	400.	0.	0.	0.	0.	0.	6100.	22100.	32400.	15600.
1972	4000.	1000.	0.	0.	0.	0.	0.	0.	2000.	29000.	32900.	12200.
1973	4000.	13000.	2400.	600.	200.	0.	0.	0.	15300.	32100.	17300.	15100.
Mean	4875.	432.	316.	93.	127.	184.	3391.	21270.	23386.	12825.	10470.	9011.

QX(33) Discharge (Acre-Feet)										Flows stored in Jordanelle Reservoir							
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann				
1930	0.	1664.	154.	62.	154.	432.	895.	1266.	1389.	0.	0.	0.	0.	6016.			
1931	1704.	2456.	1400.	1100.	300.	1200.	6400.	4541.	0.	0.	0.	0.	19101.				
1932	0.	0.	0.	0.	0.	0.	0.	4600.	9220.	11713.	0.	0.	0.	107633.			
1933	0.	0.	0.	0.	0.	0.	4400.	4000.	1963.	0.	0.	0.	0.	56355.			
1934	0.	0.	0.	0.	0.	0.	0.	0.	11200.	11187.	44330.	0.	0.	10363.			
1935	0.	0.	0.	0.	0.	0.	200.	30100.	117920.	40652.	0.	0.	0.	66717.			
1936	0.	0.	0.	0.	0.	0.	1200.	15100.	97620.	19912.	0.	0.	0.	188872.			
1937	0.	840.	0.	0.	0.	0.	0.	2500.	37000.	73820.	43532.	0.	0.	0.	134672.		
1938	0.	2156.	1400.	400.	300.	4400.	12100.	23820.	5312.	0.	0.	0.	0.	160808.			
1939	0.	2740.	2300.	1200.	0.	0.	700.	9400.	18520.	3034.	0.	0.	0.	52172.			
1940	0.	0.	0.	0.	0.	0.	400.	2800.	5900.	25420.	18147.	0.	0.	0.	31654.		
1941	0.	1774.	620.	400.	400.	700.	2100.	30400.	37620.	53812.	0.	0.	0.	55461.			
1942	0.	18.	2600.	2000.	1000.	0.	3900.	52100.	54620.	55332.	0.	0.	0.	129250.			
1943	0.	0.	1000.	1000.	500.	400.	1100.	8600.	82620.	79032.	0.	0.	0.	167052.			
1944	0.	0.	400.	500.	200.	300.	2800.	7300.	50020.	47218.	0.	0.	0.	172652.			
1945	0.	1656.	100.	200.	300.	700.	4900.	55300.	49620.	11112.	0.	0.	0.	109594.			
1946	0.	3556.	2100.	1400.	1400.	0.	3300.	15300.	73320.	17272.	1904.	0.	0.	0.	128688.		
1947	0.	1988.	1800.	400.	0.	1200.	3800.	15500.	69120.	1632.	0.	0.	0.	115284.			
1948	0.	2424.	2400.	2400.	800.	0.	2300.	27800.	64420.	4568.	55.	0.	0.	98476.			
1949	0.	580.	500.	800.	900.	800.	3100.	27300.	31612.	1389.	1327.	0.	0.	0.	101024.		
1950	0.	2948.	1300.	1300.	900.	900.	1900.	3200.	2269.	1266.	1389.	1327.	0.	0.	70676.		
1951	0.	4064.	4000.	2500.	2500.	1900.	1342.	895.	1266.	1389.	1327.	0.	0.	0.	21916.		
1952	0.	4024.	3100.	2600.	1900.	1900.	3200.	952.	1266.	1389.	1327.	0.	0.	0.	17844.		
1953	0.	2232.	1500.	1500.	400.	300.	2300.	16481.	12700.	4120.	13231.	0.	0.	0.	12438.		
1954	0.	1248.	1200.	1200.	800.	800.	1600.	5700.	23720.	14332.	0.	0.	0.	25195.			
1955	0.	0.	0.	0.	0.	0.	0.	4900.	25500.	82220.	27312.	0.	0.	0.	43752.		
1956	0.	0.	4200.	2700.	600.	300.	2400.	8400.	55420.	62352.	0.	0.	0.	147432.			
1957	0.	0.	0.	0.	0.	1100.	1900.	12500.	39700.	1389.	0.	0.	0.	128872.			
1958	0.	3208.	2000.	500.	0.	0.	1600.	11320.	4120.	13231.	0.	0.	0.	62797.			
1959	0.	288.	500.	0.	0.	0.	600.	11700.	11320.	12812.	0.	0.	0.	32439.			
1960	0.	0.	0.	0.	0.	0.	0.	3000.	0.	0.	0.	0.	0.	36432.			
1961	0.	0.	0.	0.	0.	0.	0.	43300.	50620.	54652.	0.	0.	0.	3000.			
1962	0.	3588.	1600.	1700.	6700.	2400.	7000.	23002.	4779.	0.	0.	0.	0.	164560.			
1963	0.	0.	0.	100.	6900.	400.	5700.	79820.	67854.	0.	0.	0.	0.	42181.			
1964	0.	740.	0.	0.	0.	7.	900.	15300.	65820.	132132.	9413.	0.	0.	0.	154121.		
1965	0.	0.	2200.	1800.	600.	0.	700.	4700.	13800.	42820.	1325.	0.	0.	0.	228165.		
1966	0.	3160.	2800.	1800.	800.	0.	2200.	4000.	8000.	54420.	81653.	0.	0.	0.	71205.		
1967	0.	2396.	2600.	1500.	400.	400.	3200.	9200.	47420.	1769.	1327.	0.	0.	0.	154969.		
1968	0.	2124.	2100.	1200.	700.	0.	867.	432.	895.	1266.	1389.	800.	0.	0.	69040.		
1969	0.	3416.	2400.	2100.	0.	1500.	0.	700.	3800.	8828.	1389.	0.	0.	0.	13565.		
1970	0.	2624.	1500.	1500.	0.	0.	2200.	4800.	1175.	1266.	1389.	1327.	0.	0.	0.	20341.	
1971	0.	2688.	3300.	4500.	2200.	0.	2755.	895.	1266.	1389.	0.	0.	0.	22645.			
1972	0.	3316.	2700.	1300.	1300.	0.	2300.	1400.	5157.	1266.	988.	0.	0.	0.	15821.		
1973	2460.	5348.	4100.	2800.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1560.		
Mean	95.	1574.	1361.	1115.	871.	2056.	13788.	35716.	22485.	450.	0.	0.	0.	35.	79546.		

Year	QX(34) Discharge (Acre-Feet)						Utah Lake Reach Gain			Ann
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Sep
1930	19200.	27100.	20800.	32100.	50100.	38300.	28400.	35200.	16800.	37400.
1931	34400.	23300.	28100.	30700.	35300.	38900.	39100.	10000.	28700.	20500.
1932	16300.	28700.	29100.	29800.	50800.	39600.	34800.	12600.	54000.	23500.
1933	38500.	25100.	11800.	32600.	29000.	44400.	36200.	32500.	16000.	10200.
1934	24600.	20900.	25100.	26500.	27500.	28900.	19500.	16400.	5500.	27100.
1935	12800.	21900.	29800.	25500.	30000.	18700.	32200.	34800.	22800.	14000.
1936	14600.	9900.	15700.	36000.	46900.	31700.	62900.	48300.	44000.	31300.
1937	25400.	28700.	51800.	24300.	50100.	56200.	54400.	57700.	41200.	34300.
1938	38600.	29400.	42100.	46200.	32300.	52600.	59000.	59300.	31000.	22300.
1939	35300.	24400.	244500.	38400.	39300.	59000.	42600.	27400.	34900.	31000.
1940	35300.	21000.	26400.	41900.	50200.	44200.	44800.	22400.	12900.	13000.
1941	19800.	30700.	29700.	30100.	46700.	67600.	27000.	40300.	39200.	36000.
1942	45500.	32300.	38700.	41000.	42600.	54100.	61100.	56800.	35500.	34300.
1943	26500.	39300.	30600.	25100.	39600.	38800.	39200.	34500.	53800.	31000.
1944	28900.	28700.	45100.	34200.	45800.	54400.	73200.	75000.	47200.	30300.
1945	27500.	38800.	42200.	27500.	45000.	61100.	42200.	65200.	42200.	14700.
1946	43100.	28900.	46800.	19600.	29300.	48600.	77100.	18600.	50300.	20800.
1947	64800.	53200.	51100.	35600.	50300.	56400.	57300.	56300.	58900.	40500.
1948	44900.	36300.	31900.	51700.	29600.	33200.	66200.	56000.	39500.	28500.
1949	34700.	30600.	47600.	22800.	70900.	65900.	48500.	65000.	39900.	18700.
1950	37200.	36100.	45900.	56800.	49900.	40400.	49300.	42400.	40500.	492800.
1951	34400.	36600.	51400.	38400.	42400.	39400.	62500.	41700.	40600.	40500.
1952	41800.	40200.	59700.	59400.	58800.	80000.	147000.	214000.	68000.	44100.
1953	31800.	42400.	52600.	56700.	21800.	63000.	52800.	44600.	7100.	51500.
1954	31100.	34300.	42900.	37800.	42300.	46500.	45900.	20600.	44800.	31200.
1955	26100.	28400.	32700.	42400.	46800.	57100.	38300.	37500.	28800.	30000.
1956	16500.	29000.	35700.	51600.	36500.	36100.	35200.	36000.	27500.	32200.
1957	14000.	31400.	40500.	38100.	32500.	44200.	66300.	79000.	62000.	30100.
1958	35900.	39800.	45900.	30800.	54400.	46600.	49800.	61800.	34200.	32800.
1959	25000.	41700.	37600.	37400.	52400.	38100.	36600.	30400.	31500.	29200.
1960	28500.	22000.	31500.	39500.	42400.	55300.	28300.	20000.	6000.	17100.
1961	29600.	51800.	27600.	24300.	27100.	34700.	21600.	27300.	6100.	33000.
1962	28900.	27300.	26500.	26800.	55500.	50100.	57200.	44300.	15000.	18700.
1963	20500.	34300.	10700.	35100.	23100.	36000.	40000.	49000.	34200.	22300.
1964	19900.	35800.	27200.	32000.	42200.	52900.	30400.	31500.	23600.	31000.
1965	24800.	33400.	48500.	47400.	14600.	40800.	53300.	42200.	47000.	22900.
1966	29300.	44800.	48300.	31700.	44400.	51700.	16400.	37300.	6100.	27900.
1967	35600.	21900.	43400.	43500.	43600.	59200.	4100.	49300.	44000.	17500.
1968	27100.	34300.	45100.	31500.	49100.	61100.	59000.	50600.	35700.	41000.
1969	38900.	41000.	48700.	52100.	54100.	39100.	66000.	59300.	54000.	50300.
1970	61300.	39800.	37800.	48000.	50400.	40300.	38000.	45100.	56200.	42200.
1971	31200.	71300.	34500.	44400.	49600.	53800.	66500.	44200.	30000.	36500.
1972	47500.	56900.	63300.	30000.	42400.	49600.	37100.	22100.	41500.	31000.
1973	70000.	47400.	46100.	49500.	50100.	62300.	59900.	58000.	15300.	30200.
Mean	32214.	34116.	38027.	37202.	42039.	47975.	48545.	45134.	36207.	27302.

Provo River Simulation Jordanelle Reservoir Full Weber Provo Development

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Year	Oct	QX(35) Discharge (Acre-Feet)			Strawberry Reservoir Releases			Ann					
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1930	1283.	2643.	2613.	3363.	2603.	1776.	0.	0.	0.	0.	0.	0.	14281.
1931	2785.	4642.	8338.	10119.	9773.	9604.	4220.	2823.	1973.	2532.	8286.	4113.	69207.
1932	4318.	6662.	6641.	8842.	10275.	14201.	12705.	15082.	40115.	23659.	13966.	4573.	161078.
1933	1508.	8501.	9102.	10223.	9257.	11184.	10071.	8755.	7252.	4654.	3030.	10891.	94428.
1934	5078.	5209.	7360.	6802.	6407.	9533.	5769.	3251.	0.	0.	2502.	2300.	54210.
1935	3610.	4174.	6705.	8336.	7995.	7408.	2786.	10080.	34397.	1036.	2119.	6721.	95367.
1936	7124.	8260.	7180.	9116.	9069.	9245.	16285.	30909.	23899.	15406.	9876.	1221.	147588.
1937	6162.	8736.	9673.	11858.	11677.	13885.	15092.	22521.	19062.	12555.	8032.	4240.	143493.
1938	585.	9472.	9146.	9624.	9534.	13205.	14067.	20627.	16494.	10578.	5798.	3656.	122786.
1939	265.	8968.	8672.	9336.	9039.	11707.	10299.	11793.	10003.	5127.	1782.	3412.	90404.
1940	2265.	12462.	8543.	9322.	9586.	9339.	4769.	10513.	7671.	3842.	1994.	4181.	84488.
1941	3961.	6614.	8280.	9826.	9831.	11545.	9236.	13867.	14633.	9454.	5624.	3900.	106771.
1942	1260.	3497.	5064.	5926.	5985.	7069.	8188.	12151.	12467.	10373.	7620.	5983.	85586.
1943	481.	9213.	9279.	9963.	9469.	10665.	10864.	15745.	17614.	14227.	11379.	9268.	128166.
1944	1119.	12922.	12357.	11897.	10235.	10453.	9570.	12543.	1826.	2002.	1389.	2107.	87370.
1945	211.	4042.	5274.	5909.	6846.	7811.	7192.	9000.	6572.	4594.	0.	0.	57453.
1946	241.	4803.	6470.	7231.	7169.	8356.	10817.	14067.	10955.	8502.	5830.	4724.	89166.
1947	788.	4505.	5413.	5971.	6205.	7628.	8427.	5386.	800.	0.	0.	0.	45124.
1948	248.	4252.	5530.	5821.	6084.	6954.	9071.	9181.	6032.	4984.	4353.	4411.	66921.
1949	1323.	4181.	5901.	7169.	6670.	8566.	9981.	13505.	9813.	7820.	5951.	4684.	85564.
1950	184.	4495.	5663.	7114.	7502.	8785.	11261.	14468.	17837.	15459.	8265.	7325.	108356.
1951	2308.	4175.	6465.	7675.	7899.	12963.	17142.	9452.	7849.	2176.	2408.	89392.	
1952	632.	4284.	5957.	7135.	7032.	8500.	1500.	2044.	102.	0.	0.	0.	45124.
1953	259.	4031.	6184.	2809.	2499.	2509.	1526.	10.	0.	0.	0.	0.	19826.
1954	485.	4202.	5383.	6667.	7438.	8363.	6603.	8117.	6351.	4939.	4601.	4820.	67968.
1955	1177.	4214.	5499.	6338.	6535.	8050.	7469.	9485.	8955.	7091.	4970.	4077.	73860.
1956	1661.	9288.	10338.	10850.	10725.	10519.	10107.	16359.	16502.	13267.	10066.	8089.	127771.
1957	2963.	8640.	9624.	10432.	11037.	11823.	10690.	13144.	17969.	15965.	12907.	10287.	135481.
1958	85.	2565.	3190.	4436.	5310.	7355.	8497.	18578.	10305.	8277.	6908.	6517.	82018.
1959	1281.	5144.	6200.	6939.	7315.	8164.	6392.	5791.	5761.	4747.	3297.	3674.	64706.
1960	1865.	8835.	8848.	9473.	7960.	9557.	9043.	6922.	24127.	2408.	109933.		
1961	6549.	9236.	5089.	6199.	6858.	8164.	7016.	4758.	1090.	3356.	5304.	3231.	66649.
1962	5741.	7765.	8683.	7059.	5766.	7756.	11720.	18576.	21303.	17695.	13025.	2570.	127660.
1963	8449.	4338.	5927.	6705.	7467.	8732.	9072.	10691.	12483.	10239.	9481.	2121.	91206.
1964	6062.	4795.	6926.	7758.	8249.	8626.	13117.	18095.	15310.	12163.	9695.	118322.	
1965	1901.	8685.	9757.	9825.	9726.	9576.	10164.	15477.	14492.	1427.	637.	0.	105698.
1966	1283.	4538.	6479.	7363.	7480.	8871.	7960.	10550.	9043.	6630.	4576.	3771.	78544.
1967	986.	6040.	7342.	7894.	7823.	8981.	9262.	12044.	16640.	16680.	8208.	6434.	108333.
1968	2610.	3757.	5461.	6436.	7134.	8242.	8489.	9555.	9920.	7893.	0.	0.	69496.
1969	78.	4419.	5770.	8239.	8820.	9863.	17817.	10135.	0.	0.	0.	0.	65140.
1970	183.	4202.	5853.	7328.	7951.	8736.	7377.	13156.	1332.	7.	0.	0.	57835.
1971	2126.	4199.	6033.	6919.	7230.	8006.	12628.	805.	0.	0.	225.	48171.	
1972	3099.	4262.	6193.	7513.	7763.	10792.	14207.	0.	0.	0.	0.	0.	53829.
1973	2887.	3924.	5548.	6463.	6817.	8066.	10543.	3045.	1508.	0.	0.	0.	48801.
Mean	2277.	5990.	6953.	7764.	7815.	9012.	9074.	10873.	10244.	7232.	5130.	3680.	86043.

Year	Oct	QX(36) Discharge (Acre-Feet)												Development	Utah Lake Discharge	
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann			
1930	8377.	5807.	4474.	5426.	3808.	4855.	16373.	36648.	47500.	47976.	42264.	32555.	256061.			
1931	8210.	5038.	4665.	4478.	3079.	0.	5411.	41794.	44406.	41234.	19871.	7183.	185367.			
1932	8053.	1111.	463.	278.	0.	0.	370.	29414.	31008.	43133.	3203.	19715.	165868.			
1933	6079.	0.	726.	0.	0.	0.	2359.	12158.	39649.	42099.	21231.	6170.	130470.			
1934	3080.	257.	86.	0.	0.	0.	18137.	20518.	9924.	941.	12576.	0.	65617.			
1935	0.	164.	0.	0.	0.	0.	0.	12330.	15618.	16604.	9864.	0.	54581.			
1936	0.	0.	0.	0.	0.	0.	4900.	31000.	23400.	30900.	27100.	20900.	138200.			
1937	12000.	0.	0.	0.	0.	0.	0.	0.	33300.	32700.	39700.	40000.	35500.	193200.		
1938	9800.	0.	0.	0.	0.	0.	0.	3000.	28300.	42100.	42300.	44000.	38400.	207900.		
1939	14400.	0.	0.	0.	0.	0.	0.	11100.	43700.	38800.	44600.	41200.	33000.	226800.		
1940	7900.	0.	0.	0.	0.	0.	0.	6200.	41800.	42900.	45000.	35400.	23100.	202300.		
1941	5700.	1000.	0.	0.	0.	0.	0.	0.	30400.	25500.	39500.	40000.	31200.	173400.		
1942	3900.	1000.	1000.	0.	0.	0.	0.	0.	23800.	39400.	48600.	45900.	40600.	205200.		
1943	13300.	1000.	900.	0.	0.	0.	0.	8600.	40300.	23600.	48600.	44900.	39200.	220400.		
1944	12600.	1200.	1200.	600.	0.	0.	0.	0.	16700.	29500.	50800.	48500.	41300.	202400.		
1945	9800.	1000.	1000.	0.	0.	0.	0.	0.	32700.	27900.	49400.	38300.	38800.	198900.		
1946	11900.	1300.	1200.	0.	0.	0.	0.	2500.	40300.	45800.	53900.	53900.	42600.	250100.		
1947	7500.	900.	1000.	1000.	0.	0.	0.	9200.	41700.	33200.	41400.	57200.	50900.	285200.		
1948	11900.	1100.	1100.	1700.	4400.	8800.	20300.	43500.	43500.	41400.	52600.	53200.	41000.	266600.		
1949	14500.	1000.	1000.	1200.	3700.	12600.	8000.	33100.	42600.	42600.	54300.	53200.	41000.	202400.		
1950	14500.	7900.	3400.	1100.	6800.	12600.	16700.	29400.	46000.	46000.	52200.	52700.	39500.	282800.		
1951	17300.	6500.	6100.	1000.	2600.	5800.	16000.	32300.	45500.	50800.	50800.	40800.	44800.	267500.		
1952	15100.	6000.	6000.	6000.	12800.	15100.	81386.	133795.	133795.	57300.	51800.	39200.	43600.	235100.		
1953	15100.	6000.	6000.	20114.	46098.	23457.	42200.	48300.	57300.	57300.	51800.	39200.	361570.	430481.		
1954	15100.	6000.	6000.	6000.	9000.	15100.	42200.	48300.	57300.	57300.	51800.	39200.	302000.	361570.		
1955	13000.	1700.	1600.	400.	500.	1500.	1500.	29800.	36800.	51100.	47700.	39100.	223600.			
1956	11800.	800.	400.	100.	100.	53000.	35000.	43500.	43500.	52200.	50500.	41100.	289100.			
1957	12700.	600.	500.	0.	0.	0.	0.	0.	17500.	33500.	59100.	48200.	39100.	211200.		
1958	12200.	1300.	1200.	1900.	4500.	4100.	3600.	38200.	46700.	54800.	59700.	43200.	271400.			
1959	18000.	9500.	3300.	1100.	1000.	300.	9200.	39700.	46100.	52000.	47400.	32800.	260400.			
1960	9600.	5000.	5000.	1400.	300.	100.	300.	5100.	39800.	44300.	51000.	44500.	33900.	179700.		
1961	6100.	1100.	1100.	0.	0.	0.	0.	0.	33500.	33100.	23600.	37700.	220900.			
1962	700.	500.	200.	100.	500.	400.	800.	27100.	36300.	46700.	46400.	46400.	35600.	119000.		
1963	6700.	4100.	1200.	400.	100.	0.	0.	29900.	28100.	47800.	40900.	40900.	20700.	179900.		
1964	11000.	900.	1300.	400.	100.	0.	0.	18200.	20600.	47500.	44500.	44500.	33900.	179700.		
1965	10400.	600.	1500.	1300.	800.	0.	0.	5800.	30000.	38200.	42900.	41500.	17400.	190900.		
1966	9300.	1200.	1300.	3400.	11800.	8800.	8500.	41800.	46900.	49200.	48800.	36600.	36600.	267600.		
1967	13700.	3100.	1200.	1400.	2100.	4900.	3800.	38400.	2700.	47600.	51600.	38500.	233300.			
1968	10500.	1100.	1300.	1500.	9500.	22500.	34300.	38300.	50900.	42300.	39100.	252400.				
1969	15100.	6000.	6000.	6000.	9000.	15100.	15100.	42200.	48300.	57300.	51800.	39200.	302000.			
1970	15100.	6000.	6000.	6000.	9000.	15100.	42200.	48300.	57300.	51800.	39200.	302000.				
1971	15100.	6000.	6000.	6000.	9000.	15100.	42200.	48300.	57300.	51800.	39200.	302000.				
1972	15100.	6000.	6000.	6000.	9000.	15100.	42200.	48300.	57300.	51800.	39200.	302000.				
1973	15100.	6000.	6000.	6000.	9000.	15100.	42200.	48300.	57300.	51800.	39200.	302000.				
Mean	10620.	2638.	2112.	1802.	2507.	4258.	8912.	34665.	39993.	47452.	42609.	32298.	229866.			

Provo River Simulation Jordanelle Reservoir Full Weber Provo Development

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Year	Oct	Nov	Dec	QX(37) Discharge (Acre-Feet)			Diversion to Utah Lake Demand			Aug	Sep	Ann
				Jan	Feb	Mar	Apr	May	Jun			
1930	8377.	5807.	4474.	5426.	3808.	4855.	16373.	36648.	47500.	47976.	42264.	32555.
1931	8210.	5038.	4665.	4478.	3079.	0.	5411.	41794.	44406.	41234.	19871.	7183.
1932	8053.	1111.	463.	278.	0.	0.	370.	29434.	31008.	43133.	32303.	185367.
1933	6079.	0.	726.	0.	0.	0.	2359.	12158.	39649.	42099.	21231.	19715.
1934	3086.	257.	86.	0.	0.	0.	18137.	20618.	9924.	941.	12576.	6170.
1935	0.	164.	0.	0.	0.	0.	0.	12330.	15618.	16604.	9864.	0.
1936	0.	0.	0.	0.	0.	0.	4900.	31000.	23400.	30900.	27100.	20900.
1937	12000.	0.	0.	0.	0.	0.	0.	33300.	32700.	39700.	40000.	35500.
1938	9800.	0.	0.	0.	0.	0.	0.	3000.	28300.	42100.	42300.	40000.
1939	14400.	0.	0.	0.	0.	0.	0.	11100.	43700.	38800.	44600.	41200.
1940	7900.	0.	0.	0.	0.	0.	0.	6200.	41800.	42900.	45000.	35400.
1941	5700.	1000.	0.	0.	0.	0.	0.	0.	30400.	25500.	39600.	40000.
1942	3900.	1000.	1000.	1000.	0.	0.	0.	0.	23800.	39400.	48600.	45900.
1943	13300.	1000.	900.	0.	0.	0.	0.	8600.	40300.	23600.	48600.	44900.
1944	12600.	1200.	600.	0.	0.	0.	0.	0.	16700.	29500.	50800.	48500.
1945	9800.	1000.	1000.	1000.	0.	0.	0.	0.	32700.	27900.	49400.	38300.
1946	11900.	1300.	1200.	1200.	0.	0.	0.	2500.	40300.	45800.	53900.	50600.
1947	7500.	900.	1000.	1000.	0.	0.	0.	9200.	41700.	33200.	54500.	46700.
1948	11900.	1100.	1100.	1700.	4400.	8800.	20300.	43500.	41400.	57200.	50900.	43600.
1949	14500.	1400.	1000.	1200.	3700.	12600.	8000.	33100.	42600.	54300.	53200.	41000.
1950	14500.	7900.	3400.	1100.	6800.	12600.	16700.	29400.	46000.	52200.	52700.	39500.
1951	17300.	6500.	6100.	1000.	2600.	5800.	16000.	32300.	45500.	50800.	45500.	42600.
1952	15100.	6000.	6000.	6000.	9000.	9000.	15100.	42200.	48300.	57300.	51800.	46700.
1953	15100.	6000.	6000.	6000.	9000.	9000.	15100.	42200.	48300.	57300.	51800.	46600.
1954	15100.	6000.	6000.	400.	400.	400.	500.	15000.	42200.	48300.	57300.	51800.
1955	13000.	1700.	1600.	600.	400.	100.	100.	53000.	35000.	43500.	52200.	50500.
1956	11800.	800.	800.	500.	0.	0.	0.	0.	17500.	33500.	59100.	48200.
1957	12700.	600.	500.	1200.	1900.	4500.	4100.	3600.	38200.	46700.	54800.	59700.
1958	12200.	1300.	1200.	100.	500.	400.	300.	9200.	39700.	46100.	52000.	47400.
1959	18000.	9500.	3300.	1100.	1000.	100.	300.	5100.	39800.	44300.	51000.	47700.
1960	9600.	5000.	1400.	300.	100.	0.	0.	0.	33500.	43300.	53100.	37700.
1961	6100.	1100.	1100.	0.	0.	0.	0.	0.	23600.	14900.	5600.	211200.
1962	700.	500.	200.	100.	500.	400.	800.	27100.	36300.	45400.	46400.	35600.
1963	6700.	4100.	1200.	400.	100.	0.	0.	29900.	28100.	47800.	40900.	43200.
1964	11000.	900.	1300.	400.	100.	0.	0.	18200.	20600.	47500.	44500.	32800.
1965	10400.	500.	600.	1500.	1300.	800.	800.	5800.	30000.	38200.	42900.	41500.
1966	9300.	1200.	3400.	1300.	11800.	8800.	8500.	41800.	46900.	49200.	48800.	36600.
1967	13700.	3100.	1200.	1400.	2100.	4900.	3800.	38400.	27000.	47600.	51600.	38500.
1968	10500.	1100.	1100.	1300.	1500.	9500.	22500.	34300.	38300.	50900.	42300.	39100.
1969	15100.	6000.	6000.	6000.	6000.	6000.	15100.	42200.	48300.	57300.	51800.	42300.
1970	15100.	6000.	6000.	6000.	6000.	6000.	15100.	42200.	48300.	57300.	51800.	42300.
1971	15100.	6000.	6000.	6000.	6000.	6000.	15100.	42200.	48300.	57300.	51800.	42300.
1972	15100.	6000.	6000.	6000.	6000.	6000.	15100.	42200.	48300.	57300.	51800.	42300.
1973	15100.	6000.	6000.	6000.	6000.	6000.	15100.	42200.	48300.	57300.	51800.	39200.
Mean	10620.	2638.	2112.	1802.	2186.	3329.	8722.	33775.	38050.	47452.	42609.	32298.

QX(39) Discharge (Acre-Feet) SYSTEM STORAGE IN UTAH LAKE

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	162754.	192509.	223115.	263665.	319400.	357156.	354135.	335091.	260827.	190828.	127150.	93767.	2880337.
1931	89242.	112820.	145647.	181519.	220026.	256516.	215783.	143459.	41063.	0.	0.	0.	1655884.
1932	0.	0.	6164.	15170.	98936.	139188.	156488.	103841.	58582.	14880.	0.	0.	914983.
1933	20788.	45186.	68466.	109407.	148390.	199945.	217822.	220499.	166240.	102127.	22404.	0.	1321273.
1934	0.	2113.	31486.	60935.	90055.	102844.	84010.	27448.	0.	0.	0.	0.	3988887.
1935	0.	0.	0.	0.	0.	0.	2066.	9297.	2569.	0.	0.	0.	13931.
1936	0.	0.	0.	0.	0.	0.	22697.	74446.	93329.	79248.	52694.	17163.	0.
1937	0.	2674.	60464.	91780.	148521.	204716.	244755.	268466.	236284.	200004.	139651.	88930.	1686245.
1938	82693.	101825.	155368.	208459.	247759.	299358.	341648.	376556.	339320.	283742.	219276.	157119.	2813325.
1939	136009.	150797.	205421.	250986.	298797.	359540.	371541.	345347.	290439.	213633.	144622.	0.	2864950.
1940	84277.	98655.	134534.	184650.	24214.	279315.	298652.	274359.	194883.	111574.	35646.	2952.	1943712.
1941	0.	12962.	45611.	82383.	136570.	197103.	208445.	214818.	188938.	158394.	105727.	58954.	1410706.
1942	58404.	104635.	147472.	192354.	241256.	292094.	326583.	352925.	316721.	260483.	179885.	129433.	2602247.
1943	93802.	123806.	163085.	195892.	245409.	281590.	292668.	282934.	257446.	216141.	154789.	107398.	2414898.
1944	76380.	101090.	155911.	19484.	253186.	307912.	367719.	408538.	393454.	329611.	238959.	171765.	3004009.
1945	137437.	165762.	211755.	243277.	295502.	353232.	375712.	404783.	373711.	331624.	270872.	220474.	3384139.
1946	203540.	221979.	274948.	300099.	337783.	377662.	428830.	410492.	356182.	279010.	226679.	159868.	3577070.
1947	169347.	217075.	274344.	314459.	369501.	416455.	451136.	455685.	424919.	357179.	288876.	240960.	3989935.
1948	226056.	251513.	291783.	347860.	382564.	410409.	444308.	470999.	375871.	302420.	229943.	161013.	3853510.
1949	131638.	150616.	203281.	231440.	307448.	366056.	372741.	398227.	360747.	294411.	224864.	167374.	3208843.
1950	149884.	172228.	215511.	272206.	334522.	363562.	371305.	365637.	328652.	282023.	216942.	162199.	3239480.
1951	128277.	152298.	205131.	243335.	295048.	328317.	366304.	387524.	362193.	297564.	241298.	181660.	3191152.
1952	164651.	193158.	254301.	316827.	385976.	442851.	585000.	752957.	650498.	585000.	557543.	490936.	5379697.
1953	456936.	480518.	534128.	585000.	585000.	585000.	585000.	585000.	507798.	449353.	372277.	306413.	6032422.
1954	277211.	290863.	333634.	370852.	413857.	452749.	454251.	417672.	373567.	299777.	215637.	164161.	4064231.
1955	132631.	146251.	182201.	228060.	279185.	334445.	347958.	349009.	311695.	249842.	179581.	140455.	2881312.
1956	96826.	120253.	168490.	230491.	276225.	304319.	319723.	276626.	276626.	204019.	166421.	97373.	2318836.
1957	0.	32887.	79986.	164585.	201551.	250018.	300585.	308652.	265233.	193790.	146984.	10772.	2068254.
1958	123945.	157856.	209644.	242095.	294848.	340827.	372647.	402678.	358782.	281195.	219640.	161865.	31169658.
1959	120043.	143630.	178275.	218120.	275719.	303980.	311805.	296076.	241272.	171232.	101839.	55326.	241731.
1960	33063.	47155.	81280.	127408.	177544.	227204.	231129.	211860.	134375.	51486.	0.	0.	1322505.
1961	0.	0.	10031.	36135.	66200.	86228.	81707.	67375.	1987.	0.	0.	0.	349664.
1962	0.	0.	0.	89.	57754.	97498.	140147.	162534.	128147.	68355.	12054.	10772.	677351.
1963	0.	22475.	312125.	67910.	96563.	123634.	150500.	139336.	122486.	61976.	11390.	456.	827941.
1964	0.	16785.	46749.	99194.	108703.	154615.	20169.	247600.	259758.	255404.	155259.	101996.	1599034.
1965	71335.	121660.	182156.	241025.	265599.	303072.	344124.	354761.	338170.	290301.	247451.	215511.	2977051.
1966	209934.	251032.	305533.	342306.	389912.	421521.	403481.	394883.	328751.	244989.	177409.	130611.	3600351.
1967	114721.	129997.	178238.	227917.	277123.	325381.	305568.	331062.	315956.	280341.	217168.	169584.	2873056.
1968	138092.	168809.	218901.	254906.	309603.	361572.	399966.	401339.	360319.	311148.	260351.	205518.	3390555.
1969	188131.	220493.	270450.	325044.	380836.	415650.	473437.	438837.	410019.	353339.	277203.	223985.	3977724.
1970	225435.	257705.	296376.	345417.	397755.	424752.	434737.	434199.	399693.	333236.	260496.	219304.	4031085.
1971	197138.	261776.	298480.	345372.	397791.	443078.	484803.	492970.	453867.	37246.	298454.	4305544.	4497863.
1972	248027.	297834.	363255.	396164.	440142.	478357.	492983.	493178.	443714.	355926.	273386.	214996.	4497863.
1973	224321.	262393.	307734.	356381.	401579.	464117.	505517.	567000.	527703.	451999.	374057.	334761.	4777560.
Mean	1130203.	1366539.	176178.	215597.	260473.	300030.	324643.	330260.	291132.	2331673.	2173925.	291132.	131987.

Year	Oct	Discharge (Acre-Feet)										SYSTEM STORAGE IN JORDANELLE				
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann			
1930	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1931	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1932	0.	0.	0.	0.	0.	0.	0.	2300.	16610.	99666.	5979.	2147.	0.	0.	0.	37001.
1933	0.	0.	0.	0.	0.	0.	0.	0.	4391.	2531.	1391.	0.	0.	0.	0.	8313.
1934	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1935	0.	0.	0.	0.	0.	0.	0.	1124.	7825.	0.	0.	0.	0.	0.	0.	0.
1936	0.	0.	0.	0.	0.	0.	0.	6091.	39871.	33191.	21446.	4876.	0.	0.	0.	8949.
1937	0.	0.	0.	0.	0.	0.	0.	2157.	26304.	2405.	16290.	9438.	2698.	0.	0.	105475.
1938	0.	0.	0.	0.	0.	0.	0.	9079.	28230.	23408.	14808.	6842.	2222.	0.	0.	81291.
1939	0.	0.	0.	0.	0.	0.	0.	2209.	13123.	12561.	5239.	0.	0.	0.	0.	84588.
1940	0.	0.	0.	0.	0.	0.	0.	1449.	14020.	10629.	4065.	0.	0.	0.	0.	33131.
1941	0.	0.	0.	0.	0.	0.	0.	224.	15936.	19556.	12184.	6139.	2227.	0.	0.	30161.
1942	889.	0.	0.	0.	0.	0.	0.	3401.	20834.	35716.	29839.	19641.	11158.	0.	0.	56267.
1943	7220.	3453.	408.	0.	0.	0.	0.	21036.	45506.	56867.	44588.	34245.	23625.	0.	0.	121478.
1944	21242.	14605.	9170.	4581.	1551.	0.	0.	0.	13704.	0.	2798.	0.	0.	0.	0.	236547.
1945	0.	0.	0.	0.	0.	0.	0.	0.	16861.	12365.	6933.	0.	0.	0.	0.	67651.
1946	0.	0.	0.	0.	0.	0.	0.	14159.	37769.	29766.	21820.	11940.	5416.	0.	0.	36159.
1947	0.	0.	0.	0.	0.	0.	0.	1753.	0.	0.	0.	0.	0.	0.	0.	120869.
1948	0.	0.	0.	0.	0.	0.	0.	2482.	14445.	0.	0.	0.	0.	0.	0.	1753.
1949	0.	0.	0.	0.	0.	0.	0.	7715.	28822.	7985.	6218.	2538.	0.	0.	0.	16927.
1950	0.	0.	0.	0.	0.	0.	0.	7482.	10320.	4335.	3298.	0.	0.	0.	0.	53278.
1951	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	25435.
1952	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1953	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1954	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1955	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1956	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	71256.
1957	9657.	7726.	5129.	3107.	2486.	1989.	0.	0.	5503.	40077.	46201.	36412.	8942.	2775.	0.	0.
1958	0.	0.	0.	0.	0.	0.	0.	0.	1391.	0.	0.	0.	0.	0.	0.	168991.
1959	0.	0.	0.	0.	0.	0.	0.	0.	1242.	9198.	7220.	5606.	0.	0.	0.	91704.
1960	0.	0.	0.	0.	0.	0.	0.	0.	4191.	20935.	22721.	15602.	0.	0.	0.	1391.
1961	0.	0.	0.	0.	0.	0.	0.	0.	5256.	0.	0.	0.	0.	0.	0.	23266.
1962	0.	0.	0.	0.	0.	0.	0.	2035.	1628.	13498.	40657.	68448.	57364.	13868.	0.	0.
1963	0.	0.	0.	0.	0.	0.	0.	2750.	2200.	2012.	21644.	33687.	27317.	0.	0.	0.
1964	0.	0.	0.	0.	0.	0.	0.	0.	0.	228.	28125.	55349.	47856.	36632.	26286.	194475.
1965	22748.	2578.	0.	0.	0.	0.	0.	0.	1119.	22901.	41207.	41836.	0.	0.	0.	63449.
1966	0.	0.	0.	0.	0.	0.	0.	0.	4879.	22327.	20629.	12694.	4881.	0.	0.	0.
1967	0.	0.	0.	0.	0.	0.	0.	0.	0.	14023.	36221.	28806.	1931.	0.	0.	0.
1968	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1969	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1970	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1971	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1972	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1973	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mean	1404.	645.	334.	175.	200.	132.	0.	0.	14221.	14862.	11335.	4520.	2202.	52830.		

	QX(41) Discharge (Acre-Feet)			PRIORITY STORAGE IN JORDANELLE									
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	317793.	319180.	319180.	319180.	319180.	319180.	319180.	319180.	311213.	306008.	303849.	3792303.	
1931	304982.	307167.	308416.	309455.	309604.	310379.	315897.	319180.	316903.	291918.	249571.	226338.	
1932	215377.	214624.	214403.	214355.	214535.	215898.	230597.	291469.	308463.	309607.	287951.	274223.	
1933	270158.	269855.	268916.	268061.	266423.	266037.	269838.	273528.	316649.	288266.	245865.	217522.	
1934	212973.	211513.	210994.	215346.	219226.	218284.	219541.	201530.	174848.	137641.	102503.	92825.	
1935	87216.	85372.	83709.	82484.	80722.	80552.	90277.	94216.	145714.	107696.	64669.	53098.	
1936	47410.	45977.	44637.	43622.	42583.	42678.	66468.	150149.	190973.	196477.	158826.	153098.	
1937	121589.	122278.	122194.	121560.	120976.	121942.	134399.	207135.	227805.	219014.	182901.	162440.	
1938	158177.	160156.	161456.	161816.	161416.	163636.	190972.	244694.	291788.	284041.	247052.	226157.	
1939	218035.	220556.	222734.	223884.	224061.	228115.	237281.	249132.	253778.	228838.	191002.	162721.	
1940	153391.	151108.	149412.	147974.	146379.	146816.	152222.	159370.	164851.	119059.	77110.	51307.	
1941	46051.	47753.	48332.	48716.	49074.	51758.	57182.	66506.	80479.	52096.	14390.	1485.	
1942	1485.	2379.	4972.	6967.	7655.	9717.	36624.	56515.	94916.	75437.	42804.	22390.	
1943	14584.	14855.	18877.	19376.	19353.	23188.	54104.	83782.	126972.	106017.	79601.	64412.	
1944	57373.	62143.	67921.	72985.	76357.	78843.	87097.	155486.	247293.	240592.	197904.	169454.	
1945	156944.	158423.	158424.	158585.	158786.	161309.	168029.	200346.	250968.	227497.	199617.	187038.	
1946	176659.	180024.	182016.	183373.	183964.	188558.	229055.	253999.	271798.	237291.	205069.	185155.	
1947	184869.	186659.	188349.	188705.	188493.	191483.	204378.	278487.	294483.	295121.	254751.	229770.	
1948	224798.	226999.	229274.	231624.	232698.	236144.	248421.	304491.	319180.	291922.	252891.	229406.	
1949	222368.	222726.	223103.	223854.	223630.	225585.	244950.	287171.	311195.	311690.	277113.	3030416.	
1950	254146.	256854.	258019.	258865.	259530.	262251.	281278.	308860.	314845.	315882.	310483.	306585.	
1951	303203.	310997.	313984.	316523.	318269.	318704.	317804.	319180.	319180.	319180.	311195.	308727.	
1952	307284.	311036.	313321.	314668.	316107.	316354.	319123.	319180.	319180.	319180.	314079.	313132.	
1953	311363.	313321.	314668.	316107.	316354.	319123.	319180.	319180.	319180.	319180.	314773.	305836.	
1954	297865.	299846.	299988.	301038.	301689.	303570.	315557.	316347.	316363.	306085.	268379.	241220.	
1955	232196.	231856.	231030.	230180.	228954.	228003.	232979.	235197.	246453.	222501.	186985.	162501.	
1956	158565.	155751.	159894.	162514.	163014.	167632.	187034.	233756.	253681.	239597.	209443.	188917.	
1957	189229.	188630.	189688.	190464.	191273.	193853.	200758.	239895.	304662.	294282.	269813.	258407.	
1958	260706.	263670.	265533.	266578.	267440.	268953.	279253.	319180.	319180.	319180.	310401.	301189.	
1959	292109.	292134.	292329.	291382.	292329.	293239.	303181.	3198112.	311960.	298485.	257973.	230707.	
1960	226738.	225610.	225486.	224236.	222512.	222768.	229562.	223098.	232952.	194436.	159700.	141575.	
1961	137213.	136923.	134597.	132608.	132161.	134650.	127030.	115483.	95881.	74496.	67164.	1424240.	
1962	66159.	69653.	71199.	72877.	77486.	80125.	111200.	133964.	159876.	142495.	120516.	99167.	
1963	84818.	84560.	83698.	83773.	87860.	88624.	95427.	98220.	90209.	57599.	34018.	9855.	
1964	1238.	1968.	1744.	1060.	0.	0.	5457.	57288.	97347.	81969.	50673.	32750.	
1965	24774.	41819.	46558.	48342.	48901.	49664.	63621.	107238.	220279.	227832.	230557.	1348180.	
1966	225713.	228649.	231324.	233074.	238092.	246269.	270553.	272256.	232828.	199248.	177474.	2789225.	
1967	167615.	169827.	172323.	173781.	174076.	177782.	185163.	224661.	282959.	280137.	275591.	260138.	
1968	255744.	257626.	259591.	260737.	261301.	264120.	272526.	314245.	319180.	313999.	312524.	3410774.	
1969	311040.	314182.	316429.	318468.	319180.	319180.	319180.	319180.	318653.	308797.	305070.	3788537.	
1970	303513.	305867.	307216.	308656.	308404.	308680.	311601.	319180.	317333.	307387.	305126.	3722145.	
1971	302474.	304892.	308042.	312481.	314529.	318900.	319180.	319180.	319180.	311711.	309451.	3759201.	
1972	307979.	311022.	313570.	315709.	316856.	319180.	319180.	319180.	319180.	302248.	298127.	3753255.	
1973	300023.	305103.	309052.	311792.	313039.	314932.	314932.	314932.	318841.	313356.	314030.	3757689.	
Mean	193499.	195149.	196495.	197486.	197922.	199710.	210197.	233124.	238262.	238238.	213244.	198191.	

Year	Oct	Discharge (Acre-Feet)										SYSTEM STORAGE IN DEER CREEK				
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
1930	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1931	0.	1777.	5473.	6854.	7008.	6989.	4220.	4234.	2959.	3628.	0.	0.	0.	0.	0.	43141.
1932	0.	3676.	5477.	7510.	10736.	10405.	6014.	49006.	29569.	18802.	0.	0.	0.	0.	0.	14320.
1933	5410.	5593.	6294.	7015.	6049.	7963.	7865.	4444.	8347.	5590.	4544.	0.	0.	0.	0.	69114.
1934	0.	1844.	3795.	3437.	3142.	5768.	5069.	4876.	0.	0.	0.	0.	0.	0.	0.	27931.
1935	0.	0.	0.	0.	0.	0.	0.	46.	0.	0.	0.	0.	0.	0.	0.	46.
1936	0.	0.	0.	0.	0.	0.	6365.	8641.	4905.	2657.	1662.	0.	0.	0.	0.	24231.
1937	0.	2674.	6308.	8193.	9012.	11770.	12936.	7478.	4188.	2543.	2610.	3662.	0.	0.	0.	0.
1938	2502.	6507.	5981.	6459.	6669.	10990.	4988.	2711.	1333.	1059.	1856.	3261.	54316.	0.	0.	0.
1939	0.	5903.	5607.	6171.	5974.	9792.	8090.	4567.	2443.	2451.	2673.	5118.	58791.	0.	0.	0.
1940	11181.	9197.	5078.	5957.	6721.	6624.	3321.	1750.	878.	1698.	2990.	0.	55395.	0.	0.	0.
1941	0.	3520.	4986.	6532.	7037.	8651.	7477.	4279.	2393.	1998.	2297.	3622.	52792.	0.	0.	0.
1942	11414.	3029.	7696.	10746.	12981.	16518.	23213.	18191.	14154.	11654.	10838.	12775.	153208.	0.	0.	0.
1943	18890.	21954.	24066.	26807.	27472.	31418.	22316.	17474.	13588.	12319.	11271.	13447.	241021.	0.	0.	0.
1944	20658.	25006.	27384.	28930.	28515.	30334.	32175.	26382.	6546.	5210.	5556.	8430.	245125.	0.	0.	0.
1945	0.	4525.	7454.	10392.	16140.	19602.	22768.	17844.	13924.	11443.	0.	0.	124092.	0.	0.	0.
1946	0.	7448.	12915.	15960.	17712.	22662.	23005.	18028.	14052.	12189.	11382.	13482.	168836.	0.	0.	0.
1947	0.	6949.	8982.	11614.	14148.	20438.	25852.	19315.	0.	0.	0.	0.	107298.	0.	0.	0.
1948	0.	4815.	9129.	10692.	13343.	16023.	27802.	21860.	24129.	19935.	17411.	17645.	182784.	0.	0.	0.
1949	0.	5111.	11193.	14263.	15466.	23051.	30487.	23924.	31268.	25063.	21267.	18735.	219829.	0.	0.	0.
1950	0.	7323.	10315.	15721.	19671.	24603.	31457.	45703.	67013.	58537.	33058.	29301.	342701.	0.	0.	0.
1951	0.	7270.	14749.	18388.	21543.	47587.	61910.	37807.	31395.	8702.	9633.	284376.	0.	0.	0.	
1952	0.	12581.	28707.	16893.	18118.	23352.	0.	0.	0.	0.	0.	0.	78114.	0.	0.	0.
1953	0.	8366.	15899.	0.	0.	0.	0.	0.	0.	0.	0.	0.	24266.	0.	0.	0.
1954	0.	5827.	9674.	14808.	19091.	21590.	22768.	29634.	23275.	19758.	18403.	19281.	204109.	0.	0.	0.
1955	0.	5030.	9367.	13122.	15114.	19971.	22251.	17383.	13487.	11622.	10939.	13533.	151819.	0.	0.	0.
1956	23519.	24107.	31154.	31057.	32033.	32211.	25317.	19806.	16655.	14907.	13885.	293359.	0.	0.	0.	
1957	8853.	14699.	20829.	26486.	31365.	33968.	33805.	26653.	57358.	52247.	42147.	36117.	384529.	0.	0.	0.
1958	1055.	0.	1219.	6204.	11540.	18882.	26598.	64544.	41219.	33088.	27632.	26070.	258049.	0.	0.	0.
1959	4957.	8730.	12556.	15513.	18216.	20813.	18063.	13966.	15825.	13381.	13190.	14697.	169906.	0.	0.	0.
1960	23492.	21770.	21880.	22732.	23290.	26032.	22091.	17292.	17292.	13450.	12085.	0.	204114.	0.	0.	0.
1961	0.	0.	6912.	12153.	15587.	19611.	17560.	13776.	0.	0.	0.	0.	85598.	0.	0.	0.
1962	0.	0.	0.	347.	10707.	17872.	27280.	21445.	16766.	13417.	0.	0.	107833.	0.	0.	0.
1963	0.	5197.	10753.	14666.	18402.	21319.	26238.	20668.	16244.	13641.	0.	0.	147127.	0.	0.	0.
1964	0.	7546.	15272.	18601.	18870.	20566.	27557.	21693.	17032.	13384.	12022.	12494.	185038.	0.	0.	0.
1965	16903.	21517.	28384.	28256.	29061.	28207.	33432.	26316.	20623.	16133.	2549.	0.	251380.	0.	0.	0.
1966	0.	7179.	13664.	16799.	18867.	25034.	25304.	19873.	15544.	13826.	13424.	15084.	184598.	0.	0.	0.
1967	10229.	13097.	17505.	19712.	20626.	25861.	27423.	21521.	28457.	37913.	30901.	25737.	279031.	0.	0.	0.
1968	0.	3830.	10242.	13742.	18576.	22768.	27954.	21861.	39681.	31574.	0.	0.	190228.	0.	0.	0.
1969	0.	6965.	11968.	21843.	25607.	30139.	65165.	36163.	0.	0.	0.	0.	197850.	0.	0.	0.
1970	0.	6037.	12240.	18140.	21833.	24170.	22683.	40801.	307.	28.	0.	0.	146239.	0.	0.	0.
1971	0.	6373.	12427.	16370.	18817.	22120.	44410.	0.	0.	0.	0.	0.	120517.	0.	0.	0.
1972	0.	5214.	13336.	18217.	20855.	30930.	47571.	0.	0.	0.	0.	0.	136123.	0.	0.	0.
1973	0.	4947.	14304.	16920.	21516.	36171.	0.	0.	0.	0.	0.	0.	104502.	0.	0.	0.
Mean	3616.	7137.	10844.	13174.	15196.	18692.	21960.	17154.	14449.	12198.	7758.	7228.	149408.	0.	0.	0.

Priority Storage in Deer Creek											
QX(43)		Discharge (Acre-Feet)			Priority Storage in Deer Creek						
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Sep
1930	143800.	146100.	146000.	146000.	146500.	146600.	147000.	142044.	139904.	100962.	64760.
1931	41751.	47136.	51352.	56449.	62500.	67482.	62558.	50583.	29429.	2745.	8429.
1932	4096.	6636.	6411.	7088.	11099.	18435.	22140.	15649.	32671.	19713.	12535.
1933	6358.	10894.	16031.	21689.	27182.	33387.	35789.	26252.	15716.	3727.	3173.
1934	6434.	7521.	6916.	5253.	4895.	7263.	5069.	3251.	8692.	3601.	3108.
1935	3603.	8196.	12725.	17204.	22419.	26039.	17286.	3781.	0.	1249.	2262.
1936	8342.	13217.	17741.	23919.	29451.	32416.	38757.	32927.	18299.	1108.	1297.
1937	5940.	10553.	12962.	16355.	21667.	30037.	37727.	33258.	19450.	1695.	1740.
1938	10303.	12909.	20671.	26072.	31884.	41467.	44155.	36863.	21251.	706.	1237.
1939	13841.	15844.	2197.	16654.	20454.	26318.	32035.	31656.	20122.	585.	1132.
1940	2043.	9197.	15844.	2197.	16654.	20454.	26318.	32035.	31656.	20122.	585.
1941	3810.	3520.	4986.	7018.	10555.	15806.	20983.	13735.	1595.	1332.	1531.
1942	62.	18202.	19269.	21098.	23486.	27059.	28062.	22610.	10548.	2914.	2709.
1943	0.	5489.	7605.	12942.	18693.	25740.	29019.	21988.	8685.	3080.	2818.
1944	0.	6251.	9197.	12230.	15859.	21235.	26781.	24176.	28286.	1302.	1532.
1945	15890.	15907.	17113.	18854.	2032.	26276.	22904.	15866.	3481.	2861.	12454.
1946	9447.	10419.	12791.	15824.	19295.	24053.	26005.	18112.	3525.	3047.	2845.
1947	25760.	26901.	28289.	30136.	32716.	36818.	37781.	34497.	36078.	2231.	1715.
1948	9192.	11432.	12857.	14473.	16852.	20201.	24951.	21116.	16458.	5197.	4496.
1949	25403.	26682.	28524.	31532.	34542.	39548.	43069.	40051.	31867.	6266.	5317.
1950	33400.	33896.	35518.	38491.	42352.	47596.	50660.	52986.	55239.	39273.	31430.
1951	46361.	48866.	51396.	55036.	59400.	64846.	71940.	82890.	102593.	77855.	68237.
1952	64031.	64908.	66896.	69962.	73425.	75863.	147700.	144800.	140400.	117043.	85926.
1953	61699.	61881.	63949.	90127.	96112.	105020.	119167.	112904.	140400.	107482.	73829.
1954	52422.	53354.	54615.	57060.	60776.	65517.	63009.	57117.	42936.	8088.	4744.
1955	26808.	27952.	30075.	32497.	36232.	41432.	31978.	17950.	2906.	2735.	3383.
1956	0.	10506.	16726.	23358.	30365.	37266.	38819.	34448.	22100.	4164.	3727.
1957	489.	3675.	5207.	7829.	12170.	17262.	23414.	18977.	18616.	13062.	10537.
1958	46095.	55233.	59324.	59218.	60986.	64900.	69499.	80256.	99182.	73066.	44317.
1959	49437.	51520.	53602.	56323.	59920.	62766.	59322.	47073.	32430.	3345.	3440.
1960	0.	10017.	14730.	18956.	23712.	29563.	29985.	21108.	6271.	3021.	15427.
1961	10844.	15662.	12590.	12465.	15139.	15076.	10166.	3444.	10910.	3569.	3318.
1962	7368.	11195.	15940.	18561.	17738.	18806.	23326.	5278.	3354.	3831.	849.
1963	8338.	5737.	45256.	5293.	7222.	8582.	5167.	4061.	3410.	3157.	2208.
1964	5897.	3883.	3818.	4650.	5868.	7609.	12199.	8422.	4258.	3346.	3006.
1965	0.	5379.	8641.	14448.	20656.	26801.	32859.	29238.	17993.	4033.	13904.
1966	2836.	5465.	7824.	10967.	14727.	19978.	20404.	14273.	3886.	3456.	3356.
1967	12131.	15210.	18629.	22500.	26799.	32357.	36169.	29849.	21463.	9478.	7725.
1968	33013.	35362.	36865.	39244.	42821.	47606.	52946.	47411.	58857.	34164.	33325.
1969	10734.	11487.	13322.	17525.	22810.	29238.	44786.	108637.	138443.	106205.	73854.
1970	1973	53475.	56157.	58060.	61339.	65740.	71025.	72933.	83394.	140093.	107113.
1971	55945.	58428.	60478.	63313.	66960.	71084.	79343.	144800.	140400.	111006.	78352.
1972	63743.	67676.	69753.	73050.	77097.	84272.	96202.	144800.	140400.	107074.	74759.
1973	62275.	65776.	67380.	69799.	73072.	77694.	85994.	144800.	140400.	108581.	76050.
Mean	23730.	27094.	29557.	36770.	41579.	46302.	47258.	44319.	47741.	27741.	21219.

Provo River Simulation Jordanelle Reservoir Full Weber Provo Development

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		QX(44) Discharge (Acre-Feet)											prior.	st.	converted fm sys st.	
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		Ann		
1930	37793.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	37793.	
1931	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1932	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1933	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1934	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1935	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1936	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1937	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1938	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1939	13841.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	13841.	
1940	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1941	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1942	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1943	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1944	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1945	15890.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	59908.	
1946	9447.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	37006.	
1947	28302.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9447.	
1948	9912.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	98784.	
1949	25403.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	29293.	
1950	33400.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	25403.	
1951	38318.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	53250.	
1952	22599.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	79361.	
1953	7044.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	111890.	
1954	9111.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	123634.	
1955	26808.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9111.	
1956	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	26808.	
1957	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1958	48864.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1959	29415.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	66912.	
1960	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	29415.	
1961	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1962	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1963	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1964	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1965	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
1966	2836.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	60653.	
1967	12131.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2836.	
1968	33013.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	12131.	
1969	8624.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	87865.	
1970	9174.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	114492.	
1971	10279.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	87930.	
1972	12384.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	91096.	
1973	13287.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4425.	
Mean	10406.	0.	0.	670.	216.	280.	2104.	6687.	7638.	234.	3651.	635.	635.	32250.		

Year	Shortage (Acre-Feet)												Mean
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1930	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1931	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1932	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1933	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1934	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1935	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1936	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1937	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1938	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1939	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1940	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1941	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1942	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1943	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1944	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1945	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1946	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1947	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1948	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1949	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1950	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1951	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1952	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1953	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1954	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1955	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1956	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1957	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1958	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1959	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1960	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1961	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1962	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1963	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1964	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1965	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1966	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1967	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1968	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1969	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1970	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1971	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1972	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1973	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

Year	Utah Lake Demand (82,000 CUP)											Shortage (Acre-Feet)				Full Weber Provo Development
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann			
1930	0.												0.	0.	0.	0.
1931	0.												0.	0.	0.	0.
1932	0.												0.	0.	0.	0.
1933	0.												0.	0.	0.	0.
1934	0.												13346.	13346.	13346.	13346.
1935	3288.		0.										6987.	6987.	6987.	6987.
1936	700.		200.										900.	900.	900.	900.
1937	0.		0.										0.	0.	0.	0.
1938	0.		0.										0.	0.	0.	0.
1939	0.		0.										0.	0.	0.	0.
1940	0.		0.										0.	0.	0.	0.
1941	0.		0.										0.	0.	0.	0.
1942	0.		0.										0.	0.	0.	0.
1943	0.		0.										0.	0.	0.	0.
1944	0.		0.										0.	0.	0.	0.
1945	0.		0.										0.	0.	0.	0.
1946	0.		0.										0.	0.	0.	0.
1947	0.		0.										0.	0.	0.	0.
1948	0.		0.										0.	0.	0.	0.
1949	0.		0.										0.	0.	0.	0.
1950	0.		0.										0.	0.	0.	0.
1951	0.		0.										0.	0.	0.	0.
1952	0.		0.										0.	0.	0.	0.
1953	0.		0.										0.	0.	0.	0.
1954	0.		0.										0.	0.	0.	0.
1955	0.		0.										0.	0.	0.	0.
1956	0.		0.										0.	0.	0.	0.
1957	0.		0.										0.	0.	0.	0.
1958	0.		0.										0.	0.	0.	0.
1959	0.		0.										0.	0.	0.	0.
1960	0.		0.										0.	0.	0.	0.
1961	0.		0.										0.	0.	0.	0.
1962	0.		0.										0.	0.	0.	0.
1963	0.		0.										0.	0.	0.	0.
1964	0.		0.										0.	0.	0.	0.
1965	0.		0.										0.	0.	0.	0.
1966	0.		0.										0.	0.	0.	0.
1967	0.		0.										0.	0.	0.	0.
1968	0.		0.										0.	0.	0.	0.
1969	0.		0.										0.	0.	0.	0.
1970	0.		0.										0.	0.	0.	0.
1971	0.		0.										0.	0.	0.	0.
1972	0.		0.										0.	0.	0.	0.
1973	0.		0.										0.	0.	0.	0.
Mean	91.		5.										0.	0.	0.	0.

Jordanelle Reservoir

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	318813.	320200.	320200.	320200.	320200.	320200.	320200.	320200.	320200.	320200.	304869.	317045.	
1931	306002.	308187.	309436.	310475.	310624.	311399.	3116917.	3120200.	3120200.	3120200.	307028.	304869.	
1932	216397.	215644.	215423.	215375.	215555.	216918.	234317.	309098.	3117923.	292938.	250591.	227358.	
1933	271178.	270875.	269936.	269081.	267443.	267057.	270858.	278939.	3116607.	291118.	275243.	253429.	
1934	213533.	212014.	216366.	220246.	219304.	220562.	202550.	202550.	290677.	246885.	218542.	270139.	
1935	88236.	86392.	84729.	83504.	81742.	81573.	92421.	103060.	108717.	65689.	93845.	185789.	
1936	48430.	46997.	45657.	44642.	43603.	43698.	73579.	191041.	230688.	163922.	134159.	106655.	
1937	122609.	123298.	123214.	122580.	121996.	122963.	137576.	234459.	252320.	236324.	193359.	298504.	
1938	159197.	161176.	162476.	162836.	162436.	164656.	201071.	273943.	3116216.	299869.	254913.	163147.	
1939	219055.	221576.	223754.	224904.	225081.	229135.	240510.	263274.	267359.	235057.	192022.	212349.	
1940	154411.	151218.	150432.	148994.	147399.	147836.	156691.	174410.	176500.	124144.	78130.	225459.	
1941	47071.	48773.	49353.	49736.	50095.	52778.	58426.	83462.	101055.	65300.	21549.	138617.	
1942	33394.	5992.	7988.	8075.	10737.	41045.	78369.	1311653.	106296.	63465.	34569.	41298.	
1943	22824.	19328.	20305.	20396.	20373.	24207.	76159.	130309.	184858.	1114866.	89056.	72859.	
1944	79635.	77769.	78110.	78587.	78928.	79863.	88118.	170210.	248313.	24410.	198924.	132778.	
1945	157964.	159444.	159605.	159806.	162329.	169049.	218227.	218227.	218227.	234540.	200637.	186197.	
1946	177679.	181044.	183037.	184393.	184984.	189578.	244234.	292788.	302584.	260130.	218029.	217506.	
1947	185489.	187679.	189369.	189725.	189914.	192503.	207151.	279507.	295503.	296141.	255772.	224962.	
1948	225818.	228019.	230244.	232644.	23718.	237164.	251924.	319957.	320200.	292942.	253311.	230426.	
1949	223388.	223746.	224123.	224874.	224650.	226605.	253685.	317013.	320200.	318928.	280891.	254751.	
1950	255166.	257874.	259039.	259885.	260550.	263271.	289780.	320200.	320200.	320200.	307605.	257995.	
1951	304224.	308017.	311866.	314305.	316053.	318824.	320200.	320200.	320200.	320200.	311503.	285439.	
1952	308304.	312056.	315004.	317543.	319289.	320200.	320200.	320200.	320200.	320200.	312515.	314658.	
1953	312183.	314341.	315688.	317127.	317374.	320144.	320200.	320200.	320200.	320200.	315099.	316871.	
1954	298865.	298666.	300918.	302058.	302709.	304590.	320200.	320200.	320200.	320200.	306857.	315290.	
1955	233216.	232876.	232120.	229974.	229974.	2323532.	223788.	233999.	256681.	269806.	240264.	196947.	
1956	159585.	156777.	160874.	163534.	164034.	168652.	193557.	274853.	300902.	277029.	235821.	205318.	
1957	195906.	197376.	195837.	194592.	194778.	196861.	204600.	290653.	320200.	306916.	280312.	264557.	
1958	261726.	264630.	266553.	267598.	268460.	269973.	281669.	320200.	320200.	311421.	302209.	297139.	
1959	293129.	293154.	293507.	293349.	292402.	293593.	305443.	308330.	320200.	305110.	263399.	242240.	
1960	227758.	226610.	225256.	223532.	223788.	234774.	245054.	256693.	211058.	211058.	142295.	229361.	
1961	138233.	137943.	137253.	135617.	133628.	1313181.	135570.	133306.	116503.	96701.	75516.	217030.	
1962	671729.	70673.	72219.	73897.	80541.	82773.	1175641.	229344.	200879.	135404.	100187.	120145.	
1963	85838.	85580.	84718.	84793.	91630.	91844.	98459.	120884.	124915.	85936.	10875.	117871.	
1964	22558.	2988.	2764.	2080.	1020.	6705.	86423.	153716.	13045.	88325.	60056.	44851.	
1965	48542.	45417.	47578.	49362.	49921.	50704.	65760.	131159.	225205.	270749.	23534.	214401.	
1966	226733.	229669.	232344.	234094.	234767.	239112.	252168.	293900.	293900.	246542.	205148.	238986.	
1967	168635.	170847.	173343.	174801.	175096.	178802.	186183.	239704.	320200.	309963.	278541.	261158.	
1968	256764.	258616.	260611.	261757.	262321.	265140.	275546.	319819.	320200.	315019.	313544.	219773.	
1969	312064.	315022.	317449.	319488.	320200.	320200.	320200.	320200.	320200.	320200.	309817.	316731.	
1970	304533.	308216.	306887.	309677.	309424.	309700.	312621.	320200.	318353.	308407.	306146.	311199.	
1971	303494.	305912.	313501.	315549.	319920.	320200.	320200.	320200.	320200.	312731.	310471.	314287.	
1972	308999.	312042.	314520.	316729.	317876.	320200.	320200.	320200.	320200.	312045.	303268.	313791.	
1973	301043.	306123.	312812.	314059.	315932.	315932.	315932.	315932.	315932.	315932.	314376.	315050.	
Mean	195922.	196813.	197850.	198681.	199142.	200862.	214017.	248365.	268720.	250617.	218785.	210413.	

Deer Creek Reservoir End of Month Storage (Acre-Feet)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	146400.	148700.	148600.	149100.	149200.	150300.	144644.	142504.	103562.	67360.	46081.	128763.	
1931	44351.	51513.	59424.	65903.	72109.	77070.	57418.	34988.	8973.	11029.	6800.	46880.	
1932	6696.	9236.	12687.	15166.	21209.	31771.	35145.	24463.	84277.	51882.	33937.	28909.	
1933	14368.	19087.	24926.	31304.	35831.	43950.	46254.	33295.	26663.	11917.	10317.	13578.	
1934	9034.	11965.	13311.	11290.	10637.	15631.	12739.	10727.	11292.	6201.	5708.	4790.	
1935	6202.	10796.	15325.	19804.	25019.	28639.	19932.	6381.	2600.	3849.	4862.	9408.	
1936	10942.	15817.	20341.	26519.	32051.	41382.	49998.	40332.	23556.	5370.	3897.	6430.	
1937	8540.	15227.	21870.	27148.	33279.	44406.	52808.	43336.	26237.	6838.	6950.	8703.	
1938	15405.	22016.	29252.	35131.	41153.	55058.	51744.	42174.	25184.	43666.	5693.	8036.	
1939	16441.	24348.	31182.	36960.	42081.	53983.	55470.	42893.	23998.	6686.	7199.	11218.	
1940	15824.	20995.	24332.	29011.	35640.	41259.	37576.	24472.	4063.	5430.	7727.	6868.	
1941	6410.	9641.	12571.	16150.	20192.	27057.	31059.	20614.	6588.	5930.	6428.	8637.	
1942	14076.	23831.	29565.	34444.	39067.	46176.	53875.	43401.	27302.	17168.	16147.	18568.	
1943	21490.	30043.	34271.	42349.	48765.	59758.	53936.	42061.	24873.	17999.	16688.	19409.	
1944	23258.	33857.	39181.	43760.	46974.	54169.	61556.	53158.	37432.	9112.	9689.	13224.	
1945	18490.	23032.	27167.	31846.	40772.	48477.	48273.	36310.	20005.	16904.	15054.	4329.	
1946	12047.	20468.	28305.	34384.	39607.	49315.	51609.	38740.	20177.	17837.	16827.	19452.	
1947	28360.	36450.	39871.	44350.	49463.	59856.	66234.	56411.	38678.	4831.	4315.	6504.	
1948	12512.	18847.	24587.	27765.	32795.	38824.	55553.	45576.	43187.	27732.	24507.	24744.	
1949	28003.	34394.	42317.	48396.	52608.	65199.	76156.	66575.	65735.	33928.	29184.	26106.	
1950	36000.	43819.	48433.	56812.	64622.	74799.	84716.	101289.	124852.	100410.	67088.	47943.	
1951	48960.	58736.	68746.	76024.	83523.	92860.	12227.	147400.	11850.	11180.	79539.	59865.	
1952	66631.	74678.	89455.	94143.	101815.	150300.	147400.	143000.	119643.	88526.	87854.	102127.	
1953	64299.	72848.	82448.	92277.	98712.	107620.	121767.	115504.	143000.	110082.	76429.	55911.	
1954	59022.	61781.	66889.	74468.	82467.	89707.	88337.	89352.	68810.	30446.	25747.	26789.	
1955	29408.	35497.	41219.	45797.	50210.	58803.	66233.	51961.	34037.	17128.	16273.	19517.	
1956	26119.	37223.	48033.	57112.	64022.	71900.	73631.	62365.	44506.	23419.	21233.	20714.	
1957	11942.	20974.	28636.	36915.	46135.	53831.	59818.	48230.	78574.	67909.	55284.	47746.	
1958	49750.	57833.	63143.	68022.	75126.	8681.	98447.	147400.	143000.	108754.	74550.	55791.	
1959	56594.	62850.	68757.	74436.	80735.	86179.	96339.	63639.	50854.	19326.	21058.	57009.	
1960	26092.	34386.	39210.	44288.	49602.	58195.	54676.	41000.	22320.	17706.	18027.	8965.	
1961	13444.	18262.	22102.	27218.	33325.	37287.	30326.	19820.	13510.	6169.	8047.	5918.	
1962	9968.	13795.	18540.	21507.	31044.	39278.	53205.	42032.	24644.	19371.	6431.	3449.	
1963	10938.	13534.	17879.	21458.	26294.	31142.	37420.	28435.	22905.	19651.	5757.	4808.	
1964	8497.	14029.	21690.	25851.	27338.	30775.	42355.	32715.	23890.	19329.	17628.	18218.	
1965	19503.	29496.	39625.	45303.	52317.	57608.	68890.	58154.	41216.	22766.	19053.	34539.	
1966	15245.	24088.	30367.	36194.	47612.	48309.	56746.	48020.	20300.	19882.	21542.	3541.	
1967	25010.	30906.	38733.	44812.	50025.	60818.	66192.	53970.	52520.	49991.	41227.	34858.	
1968	35613.	41791.	49707.	55586.	63997.	72974.	83500.	71872.	101138.	68337.	15010.	57954.	
1969	13334.	21052.	27889.	41968.	51017.	61977.	112551.	147400.	141043.	108805.	76154.	57401.	
1970	56075.	64794.	72900.	82079.	90172.	97795.	98215.	126795.	143000.	109741.	77083.	89726.	
1971	58545.	67400.	75505.	82284.	88377.	96204.	126353.	147400.	143000.	113606.	80952.	61460.	
1972	63634.	75490.	85688.	93867.	100551.	117803.	146373.	147400.	143000.	109674.	7759.	59184.	
1973	64875.	73324.	80624.	86703.	92593.	101810.	124765.	143000.	111181.	78650.	57447.	96864.	

Utah Lake										End of Month Storage (Acre-Feet)									
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann						
1930	480049.	508485.	538859.	577674.	633335.	667935.	649117.	607853.	514365.	443381.	384053.	357200.	530242.						
1931	370908.	392782.	425983.	462041.	501947.	534779.	536135.	458989.	384053.	285000.	255366.	228765.	403062.						
1932	223849.	256841.	293445.	332177.	392353.	453789.	45374.	403339.	422480.	357552.	322883.	285000.	348390.						
1933	299909.	330186.	352740.	394407.	433390.	484945.	500463.	493311.	4345028.	286173.	265247.	383102.							
1934	266623.	286856.	319744.	352442.	384564.	400769.	364236.	304336.	251630.	225407.	181654.	144981.	290280.						
1935	142053.	162273.	199897.	233925.	270128.	279614.	288703.	288391.	275804.	208820.	161914.	144862.	221465.						
1936	144841.	159554.	184219.	228376.	283124.	310540.	358890.	357638.	345195.	311222.	289442.	251507.	268121.						
1937	252304.	288674.	348607.	383362.	442531.	500553.	540492.	530738.	499055.	455734.	394947.	348593.	415382.						
1938	357893.	388635.	403668.	4493459.	532759.	584358.	623648.	633256.	582220.	526442.	460276.	403919.	502347.						
1939	406652.	438863.	490241.	535986.	583797.	644540.	645441.	588647.	536639.	454033.	388422.	349819.	505090.						
1940	361377.	386698.	419534.	469650.	529214.	564315.	577452.	517559.	436983.	351574.	285246.	269281.	430740.						
1941	266885.	299905.	331592.	376598.	433416.	496571.	509300.	485008.	436528.	419012.	365679.	327384.	398431.						
1942	355253.	388635.	431472.	476354.	526256.	577094.	611583.	614125.	562221.	549883.	486066.	378333.							
1943	365765.	407806.	447185.	480892.	530409.	566590.	569008.	527634.	518846.	452541.	394889.	353198.	467897.						
1944	348823.	384890.	439711.	483884.	538186.	592912.	652719.	676838.	644954.	563811.	415455.	349819.	518471.						
1945	412680.	449762.	475755.	528277.	580502.	638232.	660712.	657083.	630811.	567224.	517715.	466901.	550471.						
1946	476908.	506679.	556748.	585059.	622783.	662662.	711330.	655192.	595382.	510110.	461079.	402268.	562270.						
1947	474510.	501175.	558344.	598459.	654501.	701455.	726936.	698985.	677692.	588845.	538461.	487908.	598356.						
1948	500563.	539053.	575683.	631160.	663164.	686609.	700908.	670599.	619471.	530220.	461043.	402413.	582416.						
1949	403301.	434216.	487281.	515240.	588748.	638456.	649741.	650127.	603147.	567152.	457545.	415455.	518471.						
1950	420427.	449338.	497111.	561106.	612222.	635762.	639605.	621237.	567126.	514423.	449242.	407699.	530284.						
1951	398250.	430798.	484032.	529335.	577448.	607717.	635304.	640224.	601693.	531765.	483742.	416881.	531394.						
1952	435114.	472158.	533301.	595827.	657366.	727851.	862385.	1037957.	935498.	846000.	790886.	736963.	528660.						
1953	759518.	813128.	865902.	870000.	870000.	870000.	870000.	832672.	744671.	677435.	605996.	552813.	582416.						
1954	547968.	596863.	612634.	649852.	692857.	728749.	724151.	660472.	610267.	527477.	448837.	409961.	530284.						
1955	405594.	429551.	465601.	512660.	561785.	618945.	631458.	604209.	598985.	483742.	416881.	386355.	506555.						
1956	371469.	404453.	452890.	515091.	561125.	5889219.	591723.	566626.	465519.	399221.	331873.	285000.	454517.						
1957	285000.	320130.	370268.	417601.	460571.	500076.	549904.	584603.	567457.	507187.	408447.	452218.							
1958	412176.	446405.	493444.	525195.	578984.	62127.	654047.	649478.	597082.	511395.	444940.	403665.	542812.						
1959	388106.	419130.	459975.	502020.	559720.	588660.	587605.	541376.	480172.	404232.	339439.	307526.	266580.						
1960	310106.	327155.	364880.	412108.	462444.	511904.	511029.	457060.	375075.	285486.	229299.	197143.	370308.						
1961	212174.	266289.	297074.	327217.	360013.	382975.	380903.	332792.	258246.	206023.	174311.	167477.	280458.						
1962	187149.	218108.	252367.	285000.	344797.	387458.	431183.	429200.	385576.	316652.	283000.	270540.	316086.						
1963	270744.	306218.	320896.	361225.	392146.	421858.	450607.	409349.	394136.	313711.	275415.	244832.	348574.						
1964	263510.	303628.	336130.	374310.	404547.	453610.	500580.	530240.	539928.	478526.	411181.	368311.	413731.						
1965	362841.	406160.	466916.	524525.	549099.	587272.	623324.	609761.	584977.	534131.	490951.	483198.	518596.						
1966	486783.	534832.	589233.	623906.	663112.	697721.	769981.	638083.	566851.	480789.	413609.	379011.	562826.						
1967	386984.	411897.	462038.	511517.	560023.	605481.	586768.	577662.	573956.	517741.	450568.	416084.	505060.						
1968	415145.	452709.	502801.	538606.	593103.	631072.	662496.	652039.	607019.	545248.	503194.	451646.	546757.						
1969	458300.	494943.	549450.	604044.	659836.	691650.	743337.	681637.	646892.	581721.	510921.	470882.	591472.						
1970	497769.	536705.	575376.	624417.	676735.	704572.	704637.	704637.	676999.	636393.	562936.	493839.	465332.						
1971	469307.	540776.	577480.	624372.	676791.	719078.	735872.	690840.	600926.	532270.	505786.	619017.							
1972	521718.	576834.	642255.	675164.	719142.	754357.	762884.	736080.	680688.	584007.	507199.	461186.	635151.						
1973	497747.	541393.	586734.	635381.	680579.	740117.	775417.	768128.	683587.	611226.	584566.	569730.	595991.						
Mean	377615.	412142.	455718.	498541.	545501.	585199.	604868.	586147.	541547.	470766.	412484.	374949.							

Jordanelle Reservoir												Evaporation (Acre-Feet)				
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann			
1930	587.	277.	154.	62.	154.	432.	895.	1266.	1389.	1327.	1157.	875.	8575.			
1931	571.	271.	151.	61.	152.	425.	882.	1258.	1389.	1322.	1112.	766.	8360.			
1932	473.	217.	120.	48.	120.	337.	701.	1039.	1362.	1326.	1166.	845.	7754.			
1933	534.	250.	139.	55.	138.	386.	798.	1139.	1275.	1327.	1106.	759.	7908.			
1934	461.	216.	119.	48.	121.	341.	706.	1001.	1044.	907.	686.	425.	6076.			
1935	257.	116.	63.	25.	62.	170.	351.	548.	657.	805.	580.	298.	3931.			
1936	168.	73.	40.	16.	38.	106.	219.	458.	1005.	1079.	910.	584.	4695.			
1937	336.	151.	84.	34.	84.	234.	487.	737.	1141.	1144.	968.	653.	6052.			
1938	386.	178.	99.	40.	100.	280.	585.	947.	1260.	1318.	1130.	775.	7098.			
1939	475.	219.	122.	49.	124.	346.	725.	1056.	1227.	1185.	965.	650.	7142.			
1940	382.	174.	96.	38.	95.	263.	546.	801.	944.	909.	641.	339.	5228.			
1941	164.	72.	41.	16.	41.	117.	251.	384.	555.	618.	388.	139.	2786.			
1942	34.	13.	7.	4.	13.	38.	92.	296.	528.	752.	569.	290.	2637.			
1943	122.	45.	23.	9.	23.	65.	149.	471.	782.	939.	727.	463.	3816.			
1944	247.	107.	58.	23.	59.	165.	345.	528.	929.	1130.	988.	666.	5245.			
1945	392.	177.	99.	40.	99.	277.	580.	842.	1092.	1176.	966.	669.	6408.			
1946	420.	191.	108.	43.	109.	306.	644.	1066.	1317.	1286.	1029.	703.	7221.			
1947	425.	197.	110.	44.	111.	311.	651.	964.	1276.	1266.	1120.	776.	7253.			
1948	477.	223.	125.	50.	126.	354.	740.	1087.	1389.	1327.	1112.	773.	7783.			
1949	476.	221.	123.	49.	124.	346.	720.	1092.	1381.	1327.	1170.	825.	7855.			
1950	512.	241.	135.	54.	135.	379.	791.	1191.	1389.	1327.	1173.	882.	8209.			
1951	574.	270.	151.	61.	153.	429.	893.	1266.	1389.	1327.	1173.	883.	8569.			
1952	575.	272.	152.	61.	154.	431.	895.	1266.	1389.	1327.	1173.	887.	8584.			
1953	580.	274.	153.	61.	154.	430.	895.	1266.	1389.	1327.	1164.	875.	8568.			
1954	569.	267.	149.	60.	149.	419.	871.	1266.	1389.	1326.	1146.	803.	8413.			
1955	491.	227.	126.	50.	126.	351.	724.	1038.	1208.	1192.	978.	662.	7173.			
1956	386.	178.	98.	40.	100.	282.	595.	924.	1262.	1281.	1072.	738.	6956.			
1957	445.	207.	114.	45.	113.	317.	661.	957.	1215.	1327.	1146.	824.	7372.			
1958	520.	137.	55.	138.	387.	804.	1169.	1389.	1327.	1155.	867.	8192.				
1959	561.	146.	59.	146.	409.	850.	1233.	1361.	1327.	1142.	783.	8282.				
1960	478.	224.	124.	50.	124.	345.	714.	1040.	1172.	1154.	903.	576.	6904.			
1961	349.	162.	90.	36.	89.	247.	511.	731.	793.	695.	527.	331.	4561.			
1962	200.	94.	54.	22.	56.	168.	355.	697.	949.	1075.	878.	516.	5064.			
1963	271.	113.	63.	25.	62.	186.	386.	577.	748.	729.	479.	188.	3827.			
1964	61.	10.	7.	3.	5.	7.	15.	92.	570.	830.	662.	374.	2636.			
1965	182.	73.	39.	16.	41.	116.	244.	421.	785.	1171.	1056.	4889.				
1966	478.	223.	125.	50.	127.	355.	744.	1088.	1320.	1261.	994.	678.	7443.			
1967	405.	103.	42.	105.	294.	619.	899.	1156.	1327.	1152.	821.	7109.				
1968	516.	135.	54.	136.	381.	795.	1147.	1388.	1327.	1173.	887.	8180.				
1969	580.	274.	153.	61.	154.	432.	895.	1266.	1389.	1327.	1172.	879.	8583.			
1970	572.	270.	151.	60.	152.	424.	879.	1249.	1389.	1327.	1169.	877.	8520.			
1971	572.	270.	151.	61.	153.	429.	895.	1266.	1389.	1327.	1173.	884.	8568.			
1972	577.	272.	152.	61.	153.	430.	895.	1266.	1389.	1327.	1156.	869.	8549.			
1973	564.	268.	151.	61.	152.	428.	889.	1266.	1389.	1327.	1172.	886.	8553.			
Mean	418.	193.	108.	43.	108.	304.	634.	945.	1162.	1177.	988.	681.	6762.			

Year	Deer Creek Reservoir Evaporation (Acre-Feet)												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	510.	235.	132.	0.	132.	370.	766.	1089.	1162.	1097.	748.	429.	6670.
1931	249.	117.	67.	0.	73.	217.	471.	618.	615.	482.	202.	181.	3290.
1932	83.	39.	27.	0.	35.	116.	304.	461.	403.	746.	509.	318.	3042.
1933	156.	62.	39.	0.	52.	160.	375.	537.	488.	406.	244.	172.	2690.
1934	128.	48.	32.	0.	31.	85.	208.	270.	274.	270.	156.	112.	1615.
1935	66.	37.	31.	0.	40.	127.	286.	330.	188.	107.	116.	102.	1430.
1936	105.	56.	36.	0.	47.	148.	362.	545.	554.	379.	142.	89.	2462.
1937	80.	46.	36.	0.	48.	152.	377.	551.	577.	402.	166.	128.	2563.
1938	99.	64.	42.	0.	56.	174.	393.	548.	568.	393.	125.	112.	2575.
1939	93.	66.	45.	0.	58.	176.	391.	556.	573.	382.	164.	132.	2637.
1940	119.	65.	41.	0.	50.	159.	361.	483.	405.	135.	143.	138.	2100.
1941	83.	38.	28.	0.	36.	114.	276.	424.	369.	183.	151.	122.	1825.
1942	98.	62.	44.	0.	55.	169.	380.	553.	577.	412.	285.	211.	2847.
1943	148.	75.	51.	0.	63.	185.	401.	553.	567.	390.	291.	214.	2939.
1944	151.	79.	55.	0.	64.	184.	391.	576.	605.	505.	205.	164.	2979.
1945	127.	70.	43.	0.	53.	173.	383.	541.	541.	347.	283.	205.	2743.
1946	62.	58.	41.	0.	55.	171.	384.	548.	548.	349.	290.	215.	2714.
1947	151.	88.	58.	0.	65.	186.	401.	601.	612.	517.	133.	95.	2906.
1948	80.	59.	39.	0.	48.	150.	349.	556.	588.	550.	367.	261.	3048.
1949	172.	87.	55.	0.	66.	188.	421.	660.	662.	628.	417.	289.	3645.
1950	177.	103.	65.	0.	68.	202.	461.	715.	879.	964.	739.	428.	4801.
1951	251.	119.	69.	0.	80.	241.	542.	899.	1179.	1100.	772.	482.	5735.
1952	263.	132.	79.	0.	91.	264.	567.	1089.	1179.	1100.	816.	522.	6103.
1953	282.	130.	78.	0.	93.	271.	580.	896.	932.	1100.	767.	468.	5598.
1954	258.	122.	70.	0.	79.	239.	528.	738.	817.	645.	388.	268.	4152.
1955	180.	90.	57.	0.	65.	186.	398.	601.	602.	473.	284.	212.	3149.
1956	151.	84.	59.	0.	68.	201.	448.	644.	637.	560.	333.	241.	3428.
1957	156.	58.	41.	0.	58.	183.	391.	567.	594.	709.	565.	393.	3716.
1958	250.	68.	74.	0.	74.	223.	513.	792.	1179.	1100.	763.	460.	5543.
1959	258.	123.	71.	0.	79.	235.	512.	685.	645.	573.	301.	229.	3712.
1960	158.	84.	55.	0.	65.	186.	397.	554.	559.	368.	289.	222.	2937.
1961	101.	61.	39.	0.	48.	152.	340.	418.	362.	290.	155.	142.	2106.
1962	75.	52.	34.	0.	42.	145.	352.	551.	567.	388.	302.	122.	2630.
1963	55.	34.	34.	0.	42.	131.	301.	482.	441.	373.	304.	113.	2331.
1964	66.	46.	34.	0.	46.	134.	298.	519.	482.	382.	301.	220.	2529.
1965	146.	72.	50.	0.	65.	186.	398.	615.	616.	536.	328.	228.	3241.
1966	71.	34.	35.	0.	51.	161.	382.	542.	522.	365.	306.	230.	2698.
1967	159.	82.	52.	0.	65.	186.	405.	601.	607.	577.	505.	361.	3600.
1968	212.	102.	63.	0.	68.	201.	453.	707.	695.	639.	567.	331.	4238.
1969	134.	60.	41.	0.	63.	187.	409.	835.	1179.	1088.	763.	468.	5229.
1970	259.	122.	72.	0.	85.	256.	559.	791.	1025.	1100.	766.	471.	5507.
1971	260.	123.	74.	0.	85.	252.	555.	931.	1179.	1100.	777.	489.	5825.
1972	267.	132.	80.	0.	94.	273.	613.	1069.	1179.	1100.	766.	472.	6045.
1973	261.	130.	78.	0.	89.	261.	567.	919.	1179.	1100.	770.	478.	5833.
Mean	164.	84.	53.	0.	64.	190.	424.	640.	684.	605.	404.	267.	3577.

Evaporation (Acre-Feet)											
Utah Lake			Ann								
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Sep
1930	20529.	5745.	3328.	1686.	5144.	14866.	35257.	41310.	63326.	61731.	31248.
1931	16161.	3877.	785.	1599.	4069.	17417.	37874.	49687.	62565.	68745.	323784.
1932	19019.	3508.	1441.	740.	3032.	12557.	29127.	49454.	45019.	56646.	348698.
1933	19873.	5200.	757.	2303.	786.	5618.	29617.	37295.	66079.	56469.	310462.
1934	26839.	6534.	737.	2257.	3837.	24224.	44940.	60263.	50679.	49660.	317806.
1935	1935	21012.	6975.	652.	1371.	3537.	18205.	2740.	36888.	59016.	61731.
1936	22918.	6366.	1949.	2015.	3521.	16909.	31413.	56231.	51395.	49665.	326426.
1937	1937	19372.	3590.	2212.	3904.	15316.	30566.	57374.	59653.	51350.	339408.
1938	1938	10008.	4026.	4130.	17659.	34389.	42718.	56832.	55165.	56187.	342966.
1939	18955.	3955.	4023.	3256.	13752.	42121.	55299.	56797.	67386.	51067.	323025.
1940	19156.	10028.	4694.	2390.	2450.	20151.	31540.	52290.	59311.	59490.	337154.
1941	21831.	5811.	2972.	2282.	2334.	19260.	24818.	49102.	50186.	52123.	316433.
1942	15871.	6150.	3916.	3207.	3277.	14255.	35998.	43425.	60844.	62174.	346021.
1943	22526.	9279.	3957.	3232.	3284.	17641.	40956.	52102.	57055.	60180.	362207.
1944	21499.	6892.	3908.	2415.	3289.	11801.	24150.	47863.	67662.	61361.	351288.
1945	21459.	7936.	4854.	2481.	2518.	13733.	2805.	45861.	47571.	57668.	348430.
1946	22022.	7376.	2492.	2551.	1720.	21789.	37916.	49289.	75717.	53283.	348892.
1947	14993.	6464.	3316.	2551.	3460.	21126.	32259.	48635.	48200.	64721.	342294.
1948	23068.	4973.	3373.	2570.	3495.	11474.	36450.	40956.	52102.	57055.	342294.
1949	21307.	6316.	2408.	2471.	3338.	16365.	40289.	45705.	54501.	61499.	344337.
1950	16653.	7969.	5661.	2482.	3405.	18245.	41110.	46437.	66207.	57194.	357731.
1951	29283.	6299.	2404.	2467.	3359.	16287.	32963.	43749.	50827.	59740.	333967.
1952	16749.	6425.	2453.	2523.	3456.	9691.	31532.	45468.	56920.	57089.	344948.
1953	1953	11709.	2730.	2778.	3768.	22655.	32066.	40554.	63367.	62498.	363243.
1954	22054.	14390.	2563.	2606.	3516.	12472.	43257.	51292.	63374.	57051.	364371.
1955	19810.	8696.	2403.	2445.	3334.	11079.	33079.	45445.	45923.	63811.	343578.
1956	22683.	7757.	2370.	2430.	3338.	21281.	31014.	43239.	62062.	61947.	35620.
1957	18401.	7360.	2257.	2326.	3183.	19516.	30659.	40664.	55029.	66834.	340674.
1958	20586.	7934.	2423.	2478.	3353.	10293.	27010.	47526.	62235.	46651.	349572.
1959	24480.	9395.	2389.	2439.	3318.	18716.	36176.	43907.	53176.	54175.	44236.
1960	19410.	11216.	2267.	2319.	2380.	17905.	33330.	44977.	53577.	50525.	320577.
1961	16794.	6949.	2178.	2225.	3023.	21582.	32010.	48349.	54598.	53380.	316193.
1962	15761.	6742.	2793.	2154.	2944.	16806.	27393.	38477.	44041.	50820.	344948.
1963	22581.	2914.	2984.	2258.	3085.	17263.	21534.	40462.	41192.	52632.	275234.
1964	18880.	2898.	2979.	2280.	3108.	15011.	21881.	35644.	35280.	53142.	28172.
1965	22457.	2316.	2267.	2447.	3352.	16091.	25824.	41842.	42532.	50737.	344948.
1966	18084.	3294.	3367.	3487.	20300.	34797.	48797.	57800.	54614.	50906.	326614.
1967	15580.	3130.	3173.	2441.	3332.	20421.	29472.	32703.	37721.	50500.	46784.
1968	20672.	3179.	3240.	2489.	3372.	18994.	22762.	37062.	52738.	33179.	278437.
1969	17812.	2437.	2485.	2541.	3466.	11462.	24043.	48033.	548837.	53142.	291338.
1970	21242.	2483.	2527.	2569.	3488.	18613.	27686.	44711.	60275.	49891.	307581.
1971	14670.	2450.	2532.	2572.	3488.	15954.	29647.	39981.	55097.	51935.	330447.
1972	19941.	3348.	3428.	2631.	5315.	22460.	30891.	53750.	54197.	67443.	33257.
1973	21965.	3311.	3376.	3442.	8750.	6212.	24420.	55536.	51516.	40815.	313451.

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	End of Month Elevation (Feet)	
													Jordanelle Reservoir	Development
1930	6164.5	6164.9	6164.9	6164.9	6164.9	6164.9	6164.9	6164.9	6164.9	6164.9	6162.6	6160.4	6164.0	6164.0
1931	6160.7	6161.4	6161.7	6162.1	6162.1	6162.3	6164.0	6164.9	6164.3	6156.0	6140.0	6131.2	6157.5	6157.5
1932	6127.0	6126.7	6126.6	6126.6	6126.7	6127.2	6133.8	6161.6	6164.7	6163.9	6155.3	6149.3	6140.8	6140.8
1933	6147.7	6147.6	6147.3	6147.3	6146.9	6146.3	6146.2	6147.6	6150.7	6164.9	6155.1	6138.6	6127.8	6147.2
1934	6126.1	6125.6	6125.4	6127.0	6128.5	6128.1	6128.6	6121.8	6108.8	6089.9	6068.3	6061.1	6111.6	6111.6
1935	6056.9	6055.5	6054.3	6053.3	6052.0	6051.9	6060.0	6068.0	6094.0	6072.2	6040.0	6025.9	6057.0	6057.0
1936	6019.0	6017.3	6015.6	6014.4	6013.1	6013.3	6045.9	6116.5	6132.4	6125.9	6102.8	6087.6	6058.7	6058.7
1937	6081.8	6082.1	6082.1	6081.8	6081.5	6082.0	6089.4	6133.9	6141.0	6134.6	6117.7	6103.9	6101.0	6101.0
1938	6100.4	6101.4	6102.0	6102.0	6102.0	6103.1	6121.2	6148.8	6163.8	6158.6	6141.6	6131.9	6123.1	6123.1
1939	6128.0	6129.0	6129.8	6130.2	6130.3	6131.8	6136.1	6144.8	6146.3	6134.1	6117.0	6102.7	6130.0	6130.0
1940	6097.9	6096.8	6095.9	6095.2	6094.4	6094.6	6099.1	6108.1	6109.2	6082.6	6049.3	6023.7	6087.2	6087.2
1941	6017.4	6019.4	6020.1	6020.6	6021.0	6024.3	6031.2	6053.3	6066.5	6039.5	5977.3	5927.4	6018.2	6018.2
1942	5922.1	5922.1	5932.4	5940.3	5943.0	5941.2	6010.0	6049.5	6086.4	6070.4	6037.3	6002.2	5988.9	5988.9
1943	5979.9	5972.8	5974.8	5975.0	5974.9	5982.7	6047.8	6085.7	6113.4	6096.5	6076.8	6057.5	6028.2	6028.2
1944	6050.4	6049.0	6049.3	6049.7	6049.9	6050.6	6056.8	6106.0	6139.1	6137.6	6120.4	6106.1	6080.4	6080.4
1945	6099.7	6100.5	6100.5	6100.6	6100.7	6102.0	6105.4	6127.7	6145.2	6134.2	6121.1	6115.0	6112.7	6112.7
1946	6109.8	6111.5	6112.5	6113.2	6113.5	6115.8	6137.5	6155.9	6159.6	6143.6	6127.6	6116.8	6126.4	6126.4
1947	6113.9	6114.8	6115.7	6115.9	6115.8	6117.3	6123.5	6150.9	6156.9	6157.2	6141.9	6132.5	6129.7	6129.7
1948	6130.6	6131.4	6132.3	6133.2	6133.6	6134.9	6140.5	6164.9	6164.9	6156.0	6141.2	6132.3	6141.3	6141.3
1949	6129.7	6129.8	6129.9	6130.2	6130.1	6130.9	6141.1	6164.0	6164.9	6164.6	6151.3	6142.8	6142.4	6142.4
1950	6141.7	6142.7	6143.7	6143.5	6143.7	6143.5	6144.7	6154.8	6164.9	6164.9	6162.4	6161.2	6152.7	6152.7
1951	6160.2	6161.3	6162.5	6163.2	6163.7	6164.5	6164.5	6164.9	6164.9	6164.9	6162.7	6161.7	6163.3	6163.3
1952	6161.4	6162.5	6163.4	6164.2	6164.7	6164.9	6164.9	6164.9	6164.9	6164.9	6164.9	6163.4	6163.1	6163.0
1953	6162.6	6163.2	6163.6	6164.0	6164.1	6164.9	6164.9	6164.9	6164.9	6164.9	6161.0	6159.7	6163.5	6163.5
1954	6158.2	6158.6	6159.0	6159.4	6159.7	6160.3	6164.9	6164.9	6164.9	6164.9	6161.0	6147.1	6136.8	6137.9
1955	6133.4	6133.3	6132.9	6132.6	6132.2	6131.8	6133.7	6142.3	6142.3	6136.0	6119.5	6104.0	6131.6	6131.6
1956	6100.6	6099.1	6101.2	6102.6	6102.8	6105.2	6117.8	6149.1	6159.0	6150.0	6134.4	6122.8	6120.4	6120.4
1957	6120.8	6119.8	6119.0	6118.3	6118.4	6119.5	6122.6	6143.2	6164.9	6161.0	6151.2	6145.2	6133.7	6133.7
1958	6144.2	6145.3	6146.0	6146.4	6146.7	6147.3	6151.7	6164.9	6164.9	6162.3	6159.5	6157.6	6153.1	6153.1
1959	6156.0	6156.1	6156.2	6156.1	6155.8	6156.2	6160.6	6161.4	6164.9	6164.9	6160.5	6143.1	6132.8	6131.6
1960	6131.3	6130.9	6130.8	6130.4	6129.7	6129.8	6134.0	6137.9	6142.3	6125.0	6101.2	6091.9	6126.3	6126.3
1961	6089.7	6089.6	6089.2	6088.4	6087.4	6087.1	6088.4	6087.2	6078.0	6063.2	6047.4	6041.9	6078.1	6078.1
1962	6041.1	6043.7	6044.9	6046.1	6051.1	6052.8	6083.4	6108.7	6131.9	6121.1	6088.3	6065.8	6073.3	6073.3
1963	6055.1	6054.9	6054.2	6054.3	6059.4	6059.6	6064.5	6080.9	6082.9	6055.2	6002.7	5951.7	6048.0	6048.0
1964	5911.5	5920.5	5918.6	5909.0	5894.2	5894.2	5935.2	6055.5	6097.6	6086.0	6056.9	6033.1	5976.0	5976.0
1965	6019.1	6015.3	6018.0	6020.1	6020.8	6021.8	6040.0	6086.1	6144.5	6135.8	6132.8	6066.8	6066.8	6066.8
1966	6130.9	6132.0	6133.0	6133.7	6134.0	6135.6	6140.5	6156.3	6156.3	6138.4	6122.8	6110.2	6135.3	6135.3
1967	6105.2	6106.3	6107.5	6108.3	6108.4	6110.3	6114.1	6135.8	6164.9	6161.9	6150.5	6144.0	6126.4	6126.4
1968	6142.3	6143.0	6143.7	6144.2	6144.4	6145.5	6148.6	6164.8	6164.9	6164.9	6163.4	6163.0	6152.7	6152.7
1969	6162.5	6163.5	6164.1	6164.7	6164.9	6164.9	6164.9	6164.9	6164.9	6164.8	6161.9	6160.7	6163.9	6163.9
1970	6160.3	6161.0	6161.4	6161.8	6161.7	6161.8	6162.7	6164.9	6164.9	6164.4	6161.4	6160.8	6162.3	6162.3
1971	6160.0	6160.7	6161.6	6163.0	6163.6	6164.9	6164.9	6164.9	6164.9	6164.9	6162.7	6163.2	6163.2	6163.2
1972	6161.6	6162.5	6163.3	6163.9	6164.3	6164.9	6164.9	6164.9	6164.9	6164.9	6159.9	6158.3	6163.0	6163.0
1973	6159.0	6160.8	6161.9	6162.7	6163.1	6163.7	6163.7	6164.9	6164.9	6164.9	6163.2	6163.4	6163.1	6163.1
Mean	6105.3	6105.6	6106.2	6106.4	6107.5	6117.2	6135.6	6144.7	6136.6	6120.7	6109.6	6116.8	6116.8	6116.8

Deer Creek Reservoir End of Month Elevation (Feet)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	5414.6	5415.5	5415.5	5415.5	5415.7	5415.7	5416.1	5413.9	5413.1	5394.2	5370.4	5360.0	5405.0
1931	5359.5	5363.5	5363.9	5369.2	5374.2	5377.9	5372.1	5363.1	5351.9	5318.9	5233.7	5313.9	5354.2
1932	5313.6	5319.6	5323.7	5328.7	5336.0	5348.8	5352.0	5339.7	5383.3	5361.6	5350.9	5335.3	5341.3
1933	5327.8	5333.5	5340.5	5348.2	5352.7	5359.2	5360.1	5350.2	5342.6	5324.8	5322.1	5326.8	5340.7
1934	5319.1	5324.9	5326.5	5324.1	5322.8	5329.3	5325.8	5323.1	5324.1	5312.4	5311.3	5309.1	5321.0
1935	5312.4	5323.2	5328.9	5334.3	5340.6	5345.0	5334.5	5312.9	5304.0	5306.9	5309.3	5320.0	5322.7
1936	5323.6	5329.5	5335.0	5342.4	5349.0	5357.4	5361.1	5356.7	5338.9	5310.5	5307.0	5313.0	5335.3
1937	5317.9	5329.5	5336.8	5343.2	5350.2	5359.5	5361.9	5358.8	5342.1	5313.9	5314.2	5318.3	5337.2
1938	5329.0	5337.0	5345.7	5352.0	5357.2	5362.5	5361.6	5357.9	5340.8	5308.1	5311.3	5316.7	5340.0
1939	5330.3	5339.8	5348.4	5353.8	5353.9	5362.2	5362.6	5358.4	5339.4	5313.6	5314.8	5324.0	5342.1
1940	5329.5	5335.8	5339.8	5345.5	5352.5	5357.3	5354.4	5340.0	5307.4	5310.6	5316.0	5314.0	5333.5
1941	5312.9	5320.5	5325.6	5329.9	5334.8	5343.1	5347.9	5335.3	5313.4	5311.8	5313.0	5318.2	5325.5
1942	5327.4	5339.2	5346.1	5351.4	5355.7	5360.1	5362.2	5358.8	5343.4	5331.1	5329.9	5332.8	5344.8
1943	5336.4	5346.7	5351.2	5358.1	5360.8	5364.1	5362.2	5357.9	5340.5	5332.2	5330.6	5333.9	5347.9
1944	5338.5	5350.8	5355.8	5359.1	5360.3	5362.2	5355.6	5362.0	5354.3	5319.3	5320.6	5326.4	5347.9
1945	5332.7	5338.2	5343.2	5348.8	5356.9	5360.7	5360.6	5353.2	5334.6	5330.8	5328.6	5308.1	5341.4
1946	5325.0	5335.1	5344.6	5351.3	5356.1	5361.5	5361.5	5355.5	5334.8	5332.0	5330.7	5333.9	5343.5
1947	5344.7	5353.3	5356.3	5359.5	5361.0	5364.2	5369.5	5362.9	5355.4	5309.2	5308.0	5313.2	5346.4
1948	5325.5	5333.2	5340.1	5343.9	5349.8	5355.5	5362.5	5359.9	5343.9	5340.0	5340.0	5346.3	5346.4
1949	5344.2	5351.3	5358.0	5360.7	5361.8	5368.7	5377.2	5369.8	5369.1	5350.9	5345.7	5341.9	5358.3
1950	5352.9	5359.1	5360.7	5363.0	5368.2	5376.2	5383.7	5393.5	5403.6	5393.3	5370.2	5360.5	5373.7
1951	5360.8	5363.5	5371.6	5377.1	5382.8	5389.8	5402.0	5415.0	5413.3	5396.8	5379.8	5364.2	5384.7
1952	5369.8	5376.1	5381.7	5387.2	5390.8	5393.7	5416.1	5415.0	5413.3	5400.6	5386.5	5370.9	5391.8
1953	5367.9	5374.7	5382.0	5389.7	5392.7	5395.5	5401.8	5398.2	5413.3	5396.3	5377.4	5362.7	5387.7
1954	5362.5	5365.8	5370.1	5376.0	5382.0	5387.4	5386.4	5387.2	5371.6	5347.2	5341.5	5342.8	5368.4
1955	5345.9	5352.4	5357.2	5360.0	5361.2	5363.5	5363.5	5361.6	5351.0	5331.1	5330.1	5334.0	5351.5
1956	5342.0	5354.1	5360.6	5363.1	5367.7	5374.0	5375.3	5366.3	5359.6	5338.7	5336.1	5335.4	5356.6
1957	5324.8	5335.7	5345.0	5353.8	5360.0	5362.4	5364.2	5360.6	5379.0	5370.9	5362.6	5360.5	5356.6
1958	5361.0	5363.3	5367.0	5371.0	5376.5	5384.9	5392.6	5415.0	5413.3	5395.8	5376.0	5362.7	5381.6
1959	5363.0	5366.7	5371.6	5375.9	5380.7	5384.8	5380.2	5367.4	5361.3	5333.8	5333.6	5335.8	5362.9
1960	5341.9	5351.3	5355.8	5359.4	5361.0	5363.4	5362.4	5357.1	5337.4	5331.8	5332.2	5318.9	5347.7
1961	5326.7	5332.5	5337.1	5343.3	5350.3	5354.1	5347.0	5334.4	5326.7	5312.4	5316.8	5331.8	5332.7
1962	5321.3	5327.1	5332.8	5336.4	5347.9	5355.9	5362.0	5357.8	5340.2	5333.8	5333.0	5306.0	5336.2
1963	5326.8	5332.0	5336.3	5342.2	5348.0	5354.3	5348.0	5344.8	5338.1	5331.4	5330.2	5333.4	5362.9
1964	5337.8	5347.4	5356.6	5361.6	5343.4	5347.6	5358.1	5349.7	5339.3	5333.8	5331.7	5332.4	5338.3
1965	5334.0	5346.0	5356.1	5359.8	5361.7	5363.2	5371.7	5363.3	5357.2	5337.9	5333.4	5310.4	5349.6
1966	5310.7	5328.8	5339.5	5347.1	5353.1	5360.5	5360.6	5353.6	5337.0	5334.4	5333.8	5336.4	5341.3
1967	5340.6	5347.7	5355.5	5359.7	5361.1	5365.0	5369.5	5362.2	5361.1	5357.3	5351.8	5357.8	5354.9
1968	5352.5	5357.7	5361.0	5362.6	5367.7	5374.8	5382.8	5374.0	5393.5	5371.3	5352.8	5328.5	5364.9
1969	5326.5	5335.8	5344.1	5357.8	5361.4	5366.0	5367.0	5365.0	5412.5	5395.9	5377.5	5363.1	5371.1
1970	5362.8	5368.3	5374.8	5381.7	5387.8	5392.4	5404.7	5413.3	5396.2	5377.9	5363.3	5384.6	5387.3
1971	5363.4	5370.5	5376.7	5381.8	5386.4	5391.9	5404.5	5415.0	5413.3	5397.4	5380.8	5365.6	5387.3
1972	5369.6	5376.7	5384.4	5390.5	5393.3	5399.6	5414.6	5415.0	5413.3	5396.1	5378.1	5363.7	5391.2
1973	5368.4	5375.1	5380.6	5385.2	5389.6	5393.7	5403.6	5415.0	5413.3	5396.6	5379.1	5363.1	5388.6
Mean	5340.3	5347.8	5353.7	5358.6	5363.1	5368.2	5372.4	5376.9	5380.2	5340.2	5347.1	5362.9	5354.3

Utah Lake End of Month Elevation (Feet)

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	4484.6	4485.0	4485.3	4485.8	4486.4	4486.8	4486.6	4486.1	4485.0	4484.2	4483.4	4483.1	4485.2
1931	4483.3	4483.5	4484.0	4484.0	4484.4	4484.9	4485.3	4485.3	4484.4	4482.1	4481.7	4481.3	4483.6
1932	4481.3	4481.7	4482.1	4482.2	4482.8	4483.5	4483.5	4484.1	4484.3	4483.9	4483.1	4482.6	4482.9
1933	4482.3	4482.7	4483.0	4483.0	4483.6	4484.1	4484.7	4484.9	4484.8	4483.8	4482.1	4481.9	4483.4
1934	4481.9	4482.2	4482.6	4483.0	4483.4	4483.6	4483.6	4483.2	4483.0	4482.1	4481.9	4481.9	4482.2
1935	4480.1	4480.4	4480.9	4481.4	4481.9	4482.1	4482.1	4482.2	4482.0	4481.1	4480.7	4480.1	4482.2
1936	4480.1	4480.3	4480.7	4481.3	4482.1	4482.5	4483.1	4483.0	4482.9	4482.5	4482.2	4481.7	4481.9
1937	4481.7	4482.2	4483.0	4483.4	4484.2	4484.9	4485.4	4485.2	4484.9	4484.3	4483.6	4483.0	4483.8
1938	4483.1	4483.5	4484.1	4484.1	4484.8	4485.3	4485.9	4486.3	4486.4	4485.8	4485.2	4484.4	4483.4
1939	4483.7	4484.1	4484.4	4484.5	4485.3	4485.9	4485.9	4486.6	4486.6	4485.9	4485.3	4483.7	4484.9
1940	4483.1	4483.5	4483.9	4484.3	4484.7	4485.2	4485.6	4485.6	4485.9	4485.3	4484.3	4483.0	4484.9
1941	4481.9	4482.3	4482.8	4483.3	4484.1	4484.8	4485.0	4485.7	4484.1	4483.9	4482.1	4481.7	4481.9
1942	4483.1	4483.5	4484.0	4484.6	4485.2	4485.8	4486.2	4486.2	4485.6	4484.8	4483.9	4483.3	4483.6
1943	4483.2	4483.7	4484.2	4484.6	4485.2	4485.7	4485.7	4485.2	4485.2	4485.1	4484.4	4483.7	4484.7
1944	4483.0	4483.4	4483.9	4484.1	4484.7	4485.3	4485.7	4486.0	4486.7	4486.9	4486.6	4485.6	4484.9
1945	4483.8	4484.3	4484.8	4485.2	4485.8	4486.5	4485.6	4485.8	4485.1	4484.1	4482.1	4481.7	4481.9
1946	4484.6	4484.9	4485.6	4485.9	4486.3	4486.8	4486.7	4487.3	4486.7	4484.4	4483.2	4482.7	4483.6
1947	4484.2	4484.9	4485.6	4486.0	4486.7	4487.2	4487.5	4487.2	4486.9	4485.6	4483.9	4483.3	4484.7
1948	4484.9	4485.3	4485.8	4486.4	4486.8	4487.0	4487.0	4487.3	4486.9	4485.1	4483.6	4483.0	4484.5
1949	4483.7	4484.1	4484.7	4485.1	4485.9	4486.5	4486.5	4486.7	4486.9	4486.6	4485.6	4483.0	4485.1
1950	4483.9	4484.3	4484.9	4485.6	4485.9	4486.3	4486.5	4486.7	4486.4	4485.1	4482.7	4481.7	4481.9
1951	4483.6	4484.0	4484.7	4485.2	4485.8	4486.1	4486.5	4486.7	4486.0	4485.0	4484.4	4483.7	4485.6
1952	4484.1	4484.5	4485.3	4486.0	4486.7	4487.5	4487.5	4487.2	4486.9	4485.9	4485.3	4484.7	4486.0
1953	4487.5	4487.8	4488.4	4489.0	4489.0	4489.0	4489.0	4489.7	4488.9	4486.3	4485.2	4484.4	4483.7
1954	4485.4	4485.7	4486.2	4486.6	4486.6	4486.5	4486.6	4486.6	4486.6	4486.1	4485.2	4483.8	4485.2
1955	4483.7	4484.0	4484.5	4485.0	4485.6	4486.2	4486.5	4486.5	4486.3	4485.7	4485.1	4484.3	4485.2
1956	4483.3	4483.7	4484.3	4485.1	4485.6	4485.9	4485.5	4485.5	4486.5	4486.1	4485.3	4485.3	4485.2
1957	4482.1	4482.6	4483.3	4483.9	4484.4	4484.9	4485.5	4485.5	4485.9	4485.9	4485.8	4485.6	4487.3
1958	4483.8	4484.2	4484.8	4485.2	4485.8	4486.3	4487.1	4487.5	4486.7	4486.1	4485.2	4483.7	4485.8
1959	4483.9	4484.3	4484.8	4485.6	4486.2	4486.6	4486.6	4486.5	4486.6	4486.1	4485.2	4483.8	4485.2
1960	4482.5	4482.7	4483.2	4483.8	4484.4	4485.0	4485.6	4486.4	4486.4	4485.1	4484.7	4483.7	4485.0
1961	4481.1	4481.9	4482.3	4482.7	4483.1	4483.4	4483.4	4483.4	4483.4	4482.8	4482.8	4482.1	4482.0
1962	4480.7	4481.2	4481.7	4482.1	4482.9	4483.5	4484.0	4484.0	4484.0	4483.4	4483.2	4482.1	4484.3
1963	4481.9	4482.4	4482.6	4483.1	4483.5	4483.9	4484.3	4484.3	4483.9	4483.8	4482.5	4481.9	4482.5
1964	4481.8	4482.4	4483.3	4483.7	4484.3	4484.9	4485.3	4485.9	4485.9	4485.6	4482.5	4481.9	4483.0
1965	4486.1	4486.5	4487.1	4487.7	4488.1	4488.7	4489.3	4489.7	4489.7	4489.0	4488.2	4487.4	4486.0
1966	4486.3	4486.9	4487.5	4488.2	4488.7	4489.2	4489.7	4489.7	4489.7	4489.0	4488.3	4487.5	4486.2
1967	4483.5	4484.4	4484.8	4485.0	4485.6	4486.1	4486.5	4486.5	4486.5	4485.7	4485.4	4483.8	4484.9
1968	4484.3	4484.9	4485.3	4485.6	4486.5	4487.5	4488.6	4488.6	4488.6	4488.3	4487.0	4486.4	4485.4
1969	4484.4	4484.9	4485.5	4486.1	4486.6	4487.1	4487.7	4487.7	4487.7	4487.0	4485.7	4485.2	4483.8
1970	4483.2	4483.7	4484.5	4485.2	4485.9	4486.3	4486.3	4486.3	4486.2	4485.9	4485.3	4484.8	4484.5
1971	4484.5	4485.3	4485.9	4486.3	4486.9	4487.4	4487.8	4487.8	4487.6	4487.1	4486.8	4486.4	4485.9
1972	4485.1	4485.8	4486.9	4487.4	4487.8	4488.7	4489.7	4489.7	4489.6	4489.1	4488.6	4488.3	4486.3
1973	4484.8	4485.4	4485.9	4486.5	4487.0	4487.6	4488.0	4488.4	4487.9	4487.0	4486.5	4486.2	4485.9
Mean	4483.3	4483.7	4484.4	4484.8	4485.4	4486.1	4486.8	4487.3	4487.0	4486.4	4485.8	4485.3	4483.7

Jordanelle Reservoir End of Month Surface Area (Acres)

Provo River Simulation Jordanelle Reservoir Full Weber Provo Development

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Deer Creek Reservoir										End of Month Surface Area (Acres)						
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
1930	2608.	2636.	2634.	2640.	2642.	2655.	2583.	2552.	1969.	1480.	1310.	2362.				
1931	1299.	1337.	1378.	1461.	1548.	1625.	1506.	1366.	1121.	532.	623.	436.				
1932	431.	547.	657.	708.	832.	1050.	1125.	895.	1736.	1338.	1098.	820.				
1933	691.	788.	909.	1040.	1140.	1293.	1311.	1083.	944.	641.	592.	675.				
1934	535.	642.	670.	628.	606.	717.	658.	610.	628.	409.	388.	347.				
1935	410.	613.	711.	803.	911.	985.	806.	417.	250.	305.	350.	551.				
1936	619.	721.	814.	941.	1056.	1248.	1329.	1232.	880.	373.	307.	420.				
1937	513.	721.	846.	954.	1083.	1300.	1343.	1282.	936.	438.	443.	520.				
1938	713.	849.	998.	1124.	1245.	1354.	1338.	1262.	914.	328.	387.	491.				
1939	734.	897.	1044.	1165.	1260.	1349.	1356.	1274.	889.	431.	454.	626.				
1940	721.	828.	896.	993.	1135.	1246.	1178.	899.	315.	375.	477.	439.				
1941	419.	562.	654.	728.	811.	952.	1035.	820.	427.	397.	420.	517.				
1942	685.	886.	1004.	1109.	1209.	1310.	1348.	1283.	957.	749.	728.	778.				
1943	838.	1014.	1105.	1265.	1323.	1382.	1349.	1260.	908.	766.	739.	795.				
1944	874.	1096.	1211.	1289.	1314.	1350.	1406.	1345.	1175.	538.	564.	668.				
1945	776.	870.	955.	1051.	1238.	1322.	1321.	1150.	807.	744.	705.	327.				
1946	644.	817.	978.	1108.	1218.	1326.	1337.	1203.	811.	763.	742.	978.				
1947	979.	1153.	1223.	1299.	1326.	1384.	1466.	1361.	1202.	349.	326.	423.				
1948	653.	783.	902.	967.	1072.	1205.	1355.	1307.	1279.	966.	900.	905.				
1949	972.	1108.	1265.	1321.	1342.	1452.	1610.	1470.	1459.	1097.	996.	933.				
1950	1143.	1290.	1321.	1363.	1445.	1589.	1743.	1952.	2242.	1946.	1477.	1319.				
1951	1324.	1372.	1498.	1608.	1724.	1869.	2192.	2620.	2559.	2032.	1663.	1384.				
1952	1471.	1588.	1702.	1816.	1889.	1956.	2655.	2620.	2559.	2147.	1802.	1487.				
1953	1441.	1559.	1708.	1867.	1933.	2000.	2186.	2071.	2559.	2019.	1615.	1358.				
1954	1354.	1408.	1474.	1584.	1708.	1820.	1799.	1814.	1499.	1022.	925.	947.				
1955	1001.	1132.	1246.	1308.	1330.	1373.	1466.	1339.	1300.	748.	731.	797.				
1956	933.	1170.	1319.	1364.	1437.	1545.	1571.	1416.	1302.	878.	833.	822.				
1957	641.	827.	985.	1164.	1310.	1348.	1383.	1320.	1648.	1487.	1355.	1318.				
1958	1328.	1368.	1426.	1489.	1594.	1769.	1931.	2620.	2559.	2009.	1586.	1358.				
1959	1364.	1422.	1498.	1584.	1681.	1765.	1671.	1432.	1333.	793.	791.	829.				
1960	933.	1108.	1211.	1298.	1327.	1370.	1352.	1242.	855.	760.	767.	532.				
1961	672.	771.	850.	956.	1084.	1172.	1020.	804.	674.	408.	491.	397.				
1962	576.	680.	777.	838.	1035.	1212.	1345.	1260.	903.	794.	420.	288.				
1963	619.	674.	764.	837.	937.	1037.	1175.	981.	867.	800.	390.	348.				
1964	511.	684.	842.	928.	958.	1029.	1265.	1071.	887.	793.	758.	771.				
1965	797.	1003.	1218.	1306.	1341.	1367.	1500.	1369.	1246.	864.	788.	371.				
1966	376.	709.	891.	1021.	1148.	1317.	1321.	1160.	849.	805.	794.	839.				
1967	910.	1032.	1203.	1304.	1329.	1396.	1465.	1349.	1342.	1329.	1246.	1118.				
1968	1135.	1255.	1328.	1357.	1437.	1561.	1724.	1544.	1951.	1493.	1142.	705.				
1969	670.	829.	970.	1259.	1334.	1411.	2037.	1237.	2620.	2531.	2009.	1615.				
1970	1359.	1447.	1560.	1702.	1827.	1926.	1929.	2278.	2559.	2016.	1625.	1369.				
1971	1371.	1481.	1600.	1705.	1799.	1914.	2270.	2620.	2559.	2045.	1685.	1404.				
1972	1467.	1600.	1758.	1884.	1947.	2113.	2607.	2620.	2559.	2015.	1629.	1375.				
1973	1448.	1567.	1679.	1773.	1865.	1956.	2241.	2620.	2559.	2027.	1649.	1366.				
Mean	931.	1065.	1175.	1271.	1357.	1462.	1561.	1519.	1407.	1062.	920.	833.				

Utah Lake										End of Month Surface Area (Acres)									
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann						
1930	82078.	83192.	84314.	85730.	87445.	88392.	87893.	86748.	83421.	80642.	78119.	76956.	83744.						
1931	77550.	78497.	79935.	81373.	82936.	84165.	84215.	81253.	78119.	73603.	71970.	70440.	78671.						
1932	70157.	72055.	73996.	75802.	78478.	80345.	81072.	78980.	79783.	76971.	75368.	73603.	76384.						
1933	74288.	75709.	76760.	78567.	80251.	82270.	82878.	82599.	79312.	76401.	72538.	72538.	77936.						
1934	73596.	73689.	75222.	76745.	78141.	78843.	77261.	74527.	71755.	70247.	66930.	63671.	73302.						
1935	63411.	65208.	68551.	70273.	72819.	73352.	73776.	73145.	69351.	65176.	63661.	63661.	69413.						
1936	63659.	64966.	67158.	70418.	73516.	74793.	77029.	76709.	76408.	74825.	73810.	71748.	72087.						
1937	71937.	71937.	71937.	72728.	76567.	80609.	82881.	84373.	84018.	82922.	81126.	78591.	76567.	79264.					
1938	76986.	78358.	80524.	82603.	84091.	85973.	87180.	87443.	85895.	83861.	81304.	78979.	82767.						
1939	79098.	80458.	82484.	84209.	85953.	87752.	87776.	86057.	84233.	81059.	78308.	76624.	82834.						
1940	77137.	78234.	79656.	81671.	83962.	85242.	85721.	85357.	8091.	76706.	73614.	72770.	78602.						
1941	72632.	74298.	76054.	77796.	80252.	82725.	83224.	82272.	81443.	79633.	77323.	75578.	78602.						
1942	76872.	78317.	80173.	81933.	83854.	85708.	86850.	86919.	85170.	82737.	79632.	77676.	82154.						
1943	79148.	79327.	80791.	82111.	84006.	85325.	85413.	83905.	83584.	81001.	78588.	76781.	81498.						
1944	78155.	80498.	82228.	84289.	86285.	87976.	88636.	87873.	85224.	80895.	78091.	76706.	73614.	72770.					
1945	79359.	80892.	82653.	83928.	85833.	87579.	88194.	88095.	87376.	85348.	83543.	81563.	84534.						
1946	81955.	83082.	85039.	86000.	87156.	88248.	89616.	88943.	86375.	83255.	81335.	78908.	84918.						
1947	80804.	82906.	85025.	86488.	88024.	89331.	90066.	89260.	88659.	86137.	82737.	79632.	77676.	82154.					
1948	82882.	84321.	85657.	87386.	88261.	88758.	89093.	88465.	87066.	84299.	82499.	80499.	85661.	88134.					
1949	76577.	78155.	80498.	82361.	83953.	86133.	87585.	87894.	87905.	86619.	83813.	81162.	79302.	83789.					
1950	79694.	80875.	82746.	85125.	86881.	87511.	87617.	87114.	85364.	83437.	80871.	79143.	83865.						
1951	78734.	80144.	82234.	83967.	85721.	86744.	87499.	87634.	86579.	84055.	82291.	79756.	83780.						
1952	80318.	81769.	84111.	86392.	88103.	90092.	90483.	90892.	90577.	88652.	86697.	84823.	90355.	89667.					
1953	90070.	91005.	92598.	94189.	94312.	94312.	94312.	93187.	90577.	88652.	86697.	84823.	91228.						
1954	84646.	85445.	86879.	87897.	89083.	90118.	92985.	88118.	86814.	83899.	80856.	78993.	86087.						
1955	79052.	80090.	81512.	83355.	85223.	87051.	87394.	86648.	85081.	82223.	79541.	78219.	82949.						
1956	77574.	79003.	81014.	83447.	85126.	86151.	87483.	83868.	81509.	78776.	75787.	73603.	80887.						
1957	73603.	75240.	77522.	79572.	81315.	82862.	84117.	85982.	83141.	80759.	79176.	80798.	83728.						
1958	79337.	80760.	82603.	83816.	85777.	87127.	88012.	87887.	86437.	83306.	80703.	78968.	83728.						
1959	78295.	79638.	81292.	82939.	85075.	86131.	86902.	84406.	82083.	80400.	78293.	76140.	74653.						
1960	74713.	75568.	77289.	79334.	81388.	83326.	83291.	81178.	77730.	73626.	70471.	68306.	77190.						
1961	69486.	72598.	74166.	75570.	77078.	78072.	77983.	75830.	72135.	69095.	66278.	65670.	72830.						
1962	67418.	69827.	71797.	73603.	76390.	78266.	80160.	80074.	78185.	75078.	73603.	72842.	74770.						
1963	72854.	74592.	75276.	77130.	78470.	79756.	79215.	78556.	77925.	76491.	73123.	71311.	76454.						
1964	72438.	74471.	75986.	77697.	79007.	81042.	82893.	84000.	82453.	80218.	79294.	77437.	79220.						
1965	79076.	81564.	83791.	84687.	86080.	87171.	86800.	87171.	85996.	84141.	82505.	82201.	83434.						
1966	82342.	84117.	86151.	87187.	88260.	8923.	88722.	87575.	85335.	82107.	79399.	77901.	84864.						
1967	78246.	79325.	81373.	83311.	85086.	86683.	86061.	85729.	85594.	83544.	80923.	79506.	82948.						
1968	79466.	81007.	82969.	84305.	86292.	87547.	88243.	87957.	86725.	84547.	82985.	80966.	84417.						
1969	81226.	82840.	84700.	86644.	88170.	89058.	89053.	88767.	87816.	85877.	83287.	81699.	85884.						
1970	82772.	84235.	85646.	87201.	88653.	89311.	89423.	88640.	87529.	85192.	82618.	81502.	86058.						
1971	81657.	84384.	85722.	87200.	88654.	89839.	90866.	90323.	89025.	86558.	84074.	83086.	86781.						
1972	83689.	85699.	87899.	89841.	90486.	91102.	91046.	88741.	85960.	83141.	81351.	80240.	86880.						
1973	82771.	84406.	86060.	87501.	88738.	90463.	91253.	88820.	86600.	84166.	85529.	86166.	85500.	83974.					
Mean	77359.	78901.	80735.	82432.	84166.	85529.	86166.	85500.	83974.	81307.	78865.	77208.	81845.						

Annual Shortage Acre-ft and Percent

Year	Acre-feet	Land Area 1 Percent	Acre-feet	Land Area 2 Percent	Acre-feet	Land Area 3 Percent
1930	0.	0.00	0.	0.00	0.	0.00
1931	0.	0.00	200.	8.70	0.	0.00
1932	0.	0.00	0.	0.00	0.	0.00
1933	0.	0.00	0.	0.00	0.	0.00
1934	0.	0.00	100.	4.35	0.	0.00
1935	0.	0.00	0.	0.00	0.	0.00
1936	0.	0.00	0.	0.00	0.	0.00
1937	0.	0.00	0.	0.00	0.	0.00
1938	0.	0.00	0.	0.00	0.	0.00
1939	0.	0.00	0.	0.00	0.	0.00
1940	0.	0.00	0.	0.00	0.	0.00
1941	0.	0.00	0.	0.00	0.	0.00
1942	0.	0.00	0.	0.00	0.	0.00
1943	0.	0.00	0.	0.00	0.	0.00
1944	0.	0.00	0.	0.00	0.	0.00
1945	0.	0.00	0.	0.00	0.	0.00
1946	0.	0.00	0.	0.00	0.	0.00
1947	0.	0.00	0.	0.00	0.	0.00
1948	0.	0.00	0.	0.00	0.	0.00
1949	0.	0.00	0.	0.00	0.	0.00
1950	0.	0.00	0.	0.00	0.	0.00
1951	0.	0.00	0.	0.00	0.	0.00
1952	0.	0.00	0.	0.00	0.	0.00
1953	0.	0.00	0.	0.00	0.	0.00
1954	0.	0.00	0.	0.00	0.	0.00
1955	0.	0.00	0.	0.00	0.	0.00
1956	0.	0.00	0.	0.00	0.	0.00
1957	0.	0.00	0.	0.00	0.	0.00
1958	0.	0.00	0.	0.00	0.	0.00
1959	0.	0.00	0.	0.00	0.	0.00
1960	0.	0.00	0.	0.00	0.	0.00
1961	0.	0.00	400.	17.39	0.	0.00
1962	0.	0.00	300.	13.04	0.	0.00
1963	0.	0.00	0.	0.00	0.	0.00
1964	0.	0.00	0.	0.00	0.	0.00
1965	0.	0.00	0.	0.00	0.	0.00
1966	0.	0.00	0.	0.00	0.	0.00
1967	0.	0.00	0.	0.00	0.	0.00
1968	0.	0.00	0.	0.00	0.	0.00
1969	0.	0.00	0.	0.00	0.	0.00
1970	0.	0.00	0.	0.00	0.	0.00
1971	0.	0.00	0.	0.00	0.	0.00
1972	0.	0.00	0.	0.00	0.	0.00
1973	0.	0.00	0.	0.00	0.	0.00
Mean	0.	0.00	30.	1.28	0.	0.00

Annual Shortage Acre-feet and Percent

Year	Land Area Acre-feet	Percent 4	Land Area Acre-feet	Percent 5	Land Area Acre-feet	Percent 6
1930	0.	0.00	0.	0.00	0.	0.00
1931	0.	0.00	0.	0.00	0.	0.00
1932	0.	0.00	0.	0.00	0.	0.00
1933	0.	0.00	0.	0.00	0.	0.00
1934	0.	0.00	0.	0.00	0.	0.00
1935	0.	0.00	0.	0.00	0.	0.00
1936	0.	0.00	0.	0.00	0.	0.00
1937	0.	0.00	0.	0.00	0.	0.00
1938	0.	0.00	0.	0.00	0.	0.00
1939	0.	0.00	0.	0.00	0.	0.00
1940	0.	0.00	0.	0.00	0.	0.00
1941	0.	0.00	0.	0.00	0.	0.00
1942	0.	0.00	0.	0.00	0.	0.00
1943	0.	0.00	0.	0.00	0.	0.00
1944	0.	0.00	0.	0.00	0.	0.00
1945	0.	0.00	0.	0.00	0.	0.00
1946	0.	0.00	0.	0.00	0.	0.00
1947	0.	0.00	0.	0.00	0.	0.00
1948	0.	0.00	0.	0.00	0.	0.00
1949	0.	0.00	0.	0.00	0.	0.00
1950	0.	0.00	0.	0.00	0.	0.00
1951	0.	0.00	0.	0.00	0.	0.00
1952	0.	0.00	0.	0.00	0.	0.00
1953	0.	0.00	0.	0.00	0.	0.00
1954	0.	0.00	0.	0.00	0.	0.00
1955	0.	0.00	0.	0.00	0.	0.00
1956	0.	0.00	0.	0.00	0.	0.00
1957	0.	0.00	0.	0.00	0.	0.00
1958	0.	0.00	0.	0.00	0.	0.00
1959	0.	0.00	0.	0.00	0.	0.00
1960	0.	0.00	0.	0.00	0.	0.00
1961	0.	0.00	0.	0.00	0.	0.00
1962	0.	0.00	0.	0.00	0.	0.00
1963	0.	0.00	0.	0.00	0.	0.00
1964	0.	0.00	0.	0.00	0.	0.00
1965	0.	0.00	0.	0.00	0.	0.00
1966	0.	0.00	0.	0.00	0.	0.00
1967	0.	0.00	0.	0.00	0.	0.00
1968	0.	0.00	0.	0.00	0.	0.00
1969	0.	0.00	0.	0.00	0.	0.00
1970	0.	0.00	0.	0.00	0.	0.00
1971	0.	0.00	0.	0.00	0.	0.00
1972	0.	0.00	0.	0.00	0.	0.00
1973	0.	0.00	0.	0.	0.	0.
Mean		0.00	2.	0.00	0.	0.00

Annual Shortage Acre-feet and Percent

Year	Land Area 7 Acre-feet	Percent
1930	0.	0.00
1931	0.	0.00
1932	0.	0.00
1933	0.	0.00
1934	13346.	9.14
1935	6987.	4.79
1936	900.	0.62
1937	0.	0.00
1938	0.	0.00
1939	0.	0.00
1940	0.	0.00
1941	0.	0.00
1942	0.	0.00
1943	0.	0.00
1944	0.	0.00
1945	0.	0.00
1946	0.	0.00
1947	0.	0.00
1948	0.	0.00
1949	0.	0.00
1950	0.	0.00
1951	0.	0.00
1952	0.	0.00
1953	0.	0.00
1954	0.	0.00
1955	0.	0.00
1956	0.	0.00
1957	0.	0.00
1958	0.	0.00
1959	0.	0.00
1960	0.	0.00
1961	0.	0.00
1962	0.	0.00
1963	0.	0.00
1964	0.	0.00
1965	0.	0.00
1966	0.	0.00
1967	0.	0.00
1968	0.	0.00
1969	0.	0.00
1970	0.	0.00
1971	0.	0.00
1972	0.	0.00
1973	0.	0.00
Mean	483.	0.33

Summary Page

Mean Annual Surface Flows

QX(1) =	130644.	QX(2) =	31718.	QX(3) =	162362.	QX(4) =	-973.	QX(5) =	2957.	QX(6) =	158432.
QX(7) =	57452.	QX(8) =	215884.	QX(9) =	1187.	QX(10) =	11339.	QX(11) =	221765.	QX(12) =	74166.
QX(13) =	14502.	QX(14) =	281429.	QX(15) =	5689.	QX(16) =	285703.	QX(17) =	103555.	QX(18) =	95786.
QX(19) =	10070.	QX(20) =	19957.	QX(21) =	70116.	QX(22) =	0.	QX(23) =	0.	QX(24) =	70116.
QX(25) =	23533.	QX(26) =	12962.	QX(27) =	36495.	QX(28) =	0.	QX(29) =	72901.	QX(30) =	55204.
QX(31) =	86382.	QX(32) =	843259.	QX(33) =	79546.	QX(34) =	439786.	QX(35) =	86043.	QX(36) =	229866.
QX(37) =	225592.	QX(38) =	4274.	QX(39) =	2687459.	QX(40) =	52830.	QX(41) =	2526117.	QX(42) =	149408.
QX(43) =	394143.	QX(44) =	32520.								

Reservoir

Reservoir	Initial	End Content	Maximum	Minimum Evaporation
Stewart Ranch (Not Used)	0.	0.	0.	0.
Jordanelle Reservoir	320200.	315050.	320200.	1020.
Deer Creek Reservoir	152600.	57447.	150300.	2600.
Utah Lake	481000.	584566.	1037957.	142053.

Land Area

Land Area	Shortages	Avg	10-yr	5-yr	2-yr	1-yr
Provo River Project Demand	0.	0.00%	0.00%	0.00%	0.00%	0.00%
Francis Area Supp. Irrigation	30.	1.28%	4.35%	6.09%	15.22%	17.39%
Heber Area Supp. Irrigation	0.	0.00%	0.00%	0.00%	0.00%	0.00%
Utah County M&I	0.	0.00%	0.00%	0.00%	0.00%	0.00%
Salt Lake County M&I	2.	0.00%	0.02%	0.04%	0.09%	0.18%
Downstream Demands on Provo Riv.	0.	0.00%	0.00%	0.00%	0.00%	0.00%
Utah Lake Demand (82,000 CUP)	483.	0.33%	1.45%	2.91%	6.96%	9.14%

ELAPSED TIME: 0: 0: 6.70

Provo River Simulation Jordanelle Reservoir Full Weber Provo Development

Year	QX (35a) Discharge (Acre-Feet)						SFN Return Flows to Utah Lake					
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1930	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1931	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1932	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1933	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1934	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1935	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1936	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1937	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1938	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1939	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1940	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1941	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1942	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1943	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1944	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1945	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1946	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1947	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1948	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1949	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1950	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1951	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1952	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1953	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1954	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1955	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1956	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1957	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1958	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1959	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1960	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1961	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1962	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1963	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1964	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1965	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1966	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1967	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1968	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1969	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1970	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1971	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1972	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
1973	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.
Mean	43.	43.	43.	43.	43.	43.	57.	102.	173.	213.	143.	87.

Provo River Simulation Jordanelle Reservoir Full Weber Provo Development

Year	Oct	Discharge (Acre-Feet) Account Exchange										Ann
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
1930	0.	6200.	3900.	4000.	3500.	3400.	2300.	7956.	259.	1198.	3021.	39633.
1931	8570.	7508.	2643.	3043.	2543.	2393.	57.	102.	173.	213.	143.	487.
1932	2343.	3043.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11442.
1933	1443.	2843.	2743.	3143.	3143.	3143.	2237.	2062.	173.	213.	143.	87.
1934	1443.	3143.	0.	0.	0.	0.	0.	0.	0.	0.	0.	21373.
1935	3013.	3668.	3543.	3543.	3143.	3543.	0.	0.	0.	3692.	3601.	2190.
1936	2043.	3243.	3443.	3543.	3143.	0.	0.	0.	0.	213.	143.	87.
1937	43.	2843.	0.	0.	0.	0.	0.	0.	0.	0.	0.	24525.
1938	10399.	0.	5680.	2943.	2643.	1993.	57.	102.	173.	213.	143.	87.
1939	0.	0.	5723.	2943.	2843.	1693.	57.	102.	173.	213.	143.	87.
1940	2043.	0.	6278.	3143.	2643.	2493.	57.	102.	173.	213.	143.	87.
1941	1543.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1287.
1942	0.	18334.	3043.	3143.	2643.	2843.	1557.	1782.	173.	213.	143.	0.
1943	0.	2905.	2943.	3043.	2833.	2593.	57.	102.	173.	213.	143.	87.
1944	0.	2986.	3143.	3443.	2643.	2743.	1557.	1962.	173.	213.	143.	87.
1945	0.	2786.	3243.	3143.	2643.	2743.	1557.	102.	173.	213.	143.	87.
1946	0.	3010.	3043.	3043.	2543.	2493.	1557.	102.	173.	213.	143.	0.
1947	0.	3304.	3043.	2943.	2543.	2393.	1557.	102.	173.	213.	143.	0.
1948	0.	4217.	3043.	2943.	2543.	2743.	1557.	102.	173.	213.	143.	87.
1949	0.	3902.	2943.	3443.	2643.	2643.	437.	102.	173.	213.	143.	87.
1950	0.	2566.	2943.	3043.	2443.	2493.	1557.	102.	173.	213.	143.	87.
1951	0.	4588.	2743.	3043.	2483.	2493.	1097.	672.	173.	213.	143.	87.
1952	0.	2984.	2743.	2843.	2433.	2433.	0.	0.	0.	0.	0.	15885.
1953	0.	1991.	1993.	691.	0.	0.	0.	0.	0.	0.	0.	11003.
1954	0.	3375.	2743.	2443.	2743.	2443.	57.	102.	173.	213.	143.	87.
1955	0.	3701.	2943.	2843.	2543.	2843.	1937.	102.	173.	213.	143.	87.
1956	0.	4480.	2943.	2843.	2743.	2293.	727.	102.	173.	213.	143.	87.
1957	2283.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	17735.
1958	0.	13038.	7687.	2843.	2383.	2593.	1557.	1462.	173.	213.	143.	0.
1959	0.	3800.	2843.	2843.	2543.	2743.	1597.	102.	173.	213.	143.	87.
1960	0.	4575.	3143.	2943.	2433.	2743.	1447.	102.	173.	213.	143.	87.
1961	2293.	0.	0.	0.	0.	0.	0.	0.	102.	173.	143.	187.
1962	2943.	0.	0.	0.	0.	0.	0.	0.	13622.	213.	143.	87.
1963	1448.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2283.
1964	763.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4675.
1965	0.	19526.	2643.	2743.	2443.	2443.	0.	0.	0.	0.	0.	14822.
1966	0.	3670.	2943.	3043.	2843.	2943.	457.	2092.	173.	213.	143.	87.
1967	0.	3704.	2943.	2943.	2643.	2493.	2437.	2092.	643.	213.	143.	87.
1968	0.	5292.	2843.	2943.	2433.	2493.	1557.	2062.	173.	213.	143.	87.
1969	0.	2912.	2743.	2743.	2443.	2833.	2293.	1557.	102.	0.	0.	20009.
1970	0.	5073.	2743.	2743.	2443.	2643.	1737.	2052.	1428.	213.	143.	0.
1971	0.	4789.	2843.	2743.	2443.	2393.	1557.	0.	0.	0.	0.	21075.
1972	0.	6529.	2643.	2743.	2333.	2843.	2337.	0.	0.	0.	0.	16768.
1973	0.	6164.	2843.	2843.	2543.	2643.	1557.	0.	0.	0.	0.	19428.
Mean	968.	4147.	2710.	2419.	2030.	1900.	919.	463.	908.	218.	615.	17955.

Provo River Simulation Jordanelle Reservoir Full Weber Provo Development

Discharge (Acre-Feet) Priority Storage in Utah Lake

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	40671.	36783.	35218.	34435.	32743.	30633.	26955.	24410.	16038.	15528.	14167.	10988.	318570.
1931	4876.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4876.
1932	0.	0.	2743.	5885.	8417.	11601.	11478.	11306.	12000.	11844.	11604.	0.	86878.
1933	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1934	0.	0.	3343.	6481.	9509.	12925.	13362.	13006.	4075.	483.	0.	197.	63381.
1935	732.	0.	0.	0.	0.	0.	0.	1637.	3591.	0.	0.	0.	5960.
1936	0.	0.	0.	0.	0.	0.	2843.	4344.	4309.	4347.	4429.	4442.	24714.
1937	0.	0.	3143.	6582.	9010.	10836.	10736.	10572.	10471.	10430.	10295.	10164.	92240.
1938	0.	0.	2743.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2743.
1939	43.	0.	2886.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2929.
1940	0.	3043.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3043.
1941	0.	2943.	6081.	9215.	11846.	14467.	15854.	15590.	15390.	15218.	14952.	14730.	136286.
1942	15749.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	15749.
1943	263.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	263.
1944	43.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	43.
1945	43.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	43.
1946	1946.	268.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	268.
1947	663.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5437.
1948	1377.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1377.
1949	.1163.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1163.
1950	43.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	43.
1951	2273.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2273.
1952	563.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	934.
1953	269.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1944.
1954	857.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	857.
1955	963.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	963.
1956	1443.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1443.
1957	0.	2843.	5782.	8618.	10986.	13525.	14886.	16518.	16305.	16054.	15782.	15563.	136863.
1958	15431.	4849.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	20280.
1959	1063.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1063.
1960	1643.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1643.
1961	0.	3143.	6082.	8813.	11747.	14196.	13916.	0.	0.	0.	0.	0.	57897.
1962	0.	0.	0.	0.	2543.	5360.	6836.	8766.	8730.	8697.	0.	87.	41018.
1963	0.	2843.	5881.	8715.	10683.	13224.	15107.	14913.	14750.	14535.	0.	0.	100652.
1964	0.	2743.	5681.	8616.	11244.	14094.	15682.	15840.	15771.	15621.	15422.	15215.	135930.
1965	16906.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	16993.
1966	1149.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1149.
1967	963.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	963.
1968	2553.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2924.
1969	269.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1939.
1970	2433.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2804.
1971	2269.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4658.
1972	3792.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5952.
1973	3526.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	21196.
Mean	2825.	1402.	1614.	2151.	2632.	3210.	3434.	3523.	3505.	3496.	3486.	3475.	30198.

Provo River Simulation Jordanelle Reservoir Full Weber Provo Development

	Discharge (Acre-Feet) SP4 Evaporation in Utah Lake												Ann
Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1930	392.	112.	58.	26.	75.	152.	335.	347.	590.	464.	307.	245.	3102.
1931	105.	11.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	116.
1932	0.	0.	1.	11.	58.	180.	274.	279.	369.	383.	249.	249.	1805.
1933	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1934	0.	0.	5.	15.	128.	319.	458.	412.	204.	20.	0.	0.	1561.
1935	6.	7.	0.	0.	0.	0.	0.	0.	38.	134.	0.	0.	185.
1936	0.	0.	0.	0.	0.	0.	0.	56.	137.	135.	132.	130.	104.
1937	0.	0.	0.	4.	14.	67.	157.	266.	274.	254.	278.	218.	1533.
1938	128.	0.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.	134.
1939	0.	0.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.
1940	0.	0.	8.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.
1941	0.	0.	5.	9.	12.	122.	170.	366.	372.	386.	409.	309.	2160.
1942	144.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	202.
1943	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.
1944	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1945	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.
1946	2.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.
1947	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	23.
1948	15.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	69.
1949	0.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.
1950	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1951	0.	8.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.
1952	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.
1953	2.	1.	0.	0.	0.	0.	0.	0.	0.	0.	3.	6.	19.
1954	6.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.
1955	0.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.
1956	0.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.
1957	0.	4.	8.	15.	103.	196.	261.	261.	386.	464.	415.	306.	2157.
1958	175.	67.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.	248.
1959	0.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.
1960	0.	11.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.
1961	0.	0.	0.	4.	11.	109.	209.	381.	467.	0.	0.	0.	1182.
1962	0.	0.	0.	0.	0.	0.	0.	26.	81.	142.	209.	246.	268.
1963	2.	0.	5.	8.	15.	102.	155.	296.	336.	428.	393.	393.	1739.
1964	0.	5.	8.	15.	93.	149.	264.	243.	362.	343.	343.	294.	1775.
1965	192.	23.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	214.
1966	1.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.
1967	0.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.
1968	0.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.
1969	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	22.
1970	6.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.
1971	2.	3.	0.	0.	0.	0.	0.	0.	0.	2.	6.	8.	30.
1972	9.	6.	0.	0.	0.	0.	0.	0.	0.	2.	6.	10.	41.
1973	7.	6.	0.	0.	0.	0.	0.	0.	0.	38.	50.	62.	51.
Mean	27.	8.	2.	4.	22.	46.	73.	88.	77.	70.	42.	461.	

Provo River Simulation Jordanelle Reservoir Full Weber Provo Development

Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Ann
1930	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1931	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1932	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1933	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1934	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1935	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1936	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1937	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1938	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1939	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1940	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1941	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1942	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1943	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1944	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1945	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1950	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1951	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1952	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1953	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1954	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1955	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1956	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1957	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1958	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1959	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1960	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1961	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1962	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1963	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1964	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1965	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1966	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1967	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1968	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1969	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1970	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1971	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1972	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
1973	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.
Mean	66.	66.	66.	66.	66.	66.	66.	88.	157.	266.	327.	220.	1588.