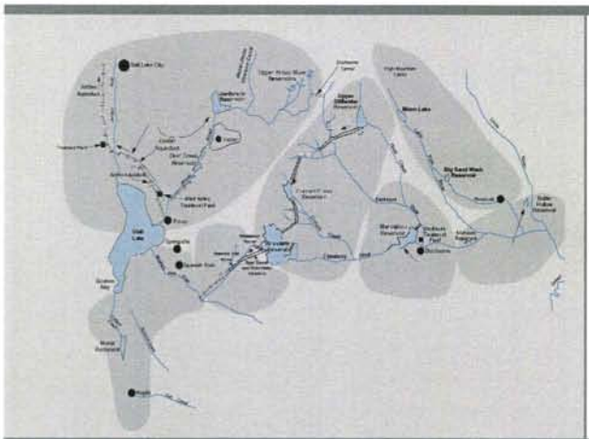
WATER SUPPLY APPENDIX

Volume 5 - Provo River
Volume 6 - Utah Lake and Jordan River

Central Utah Project Completion Program



Supplement to the 1988 Definite Plan Report for the Bonneville Unit

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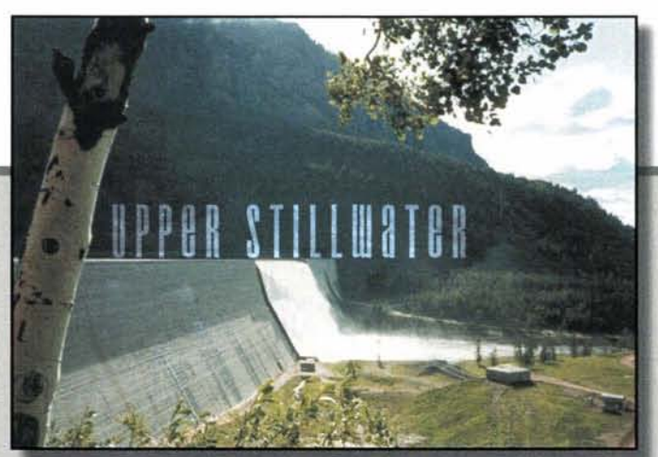
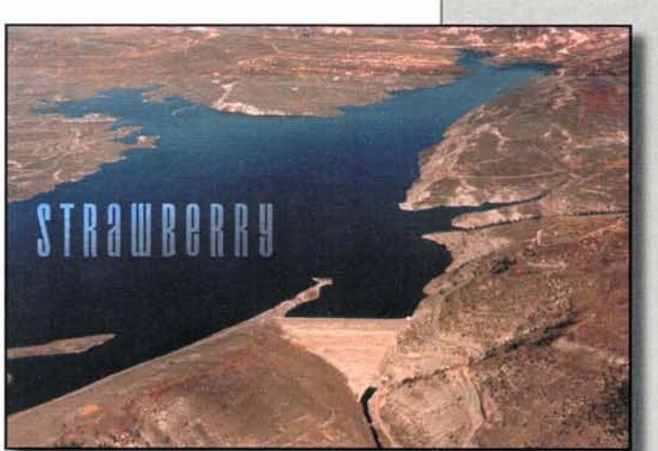


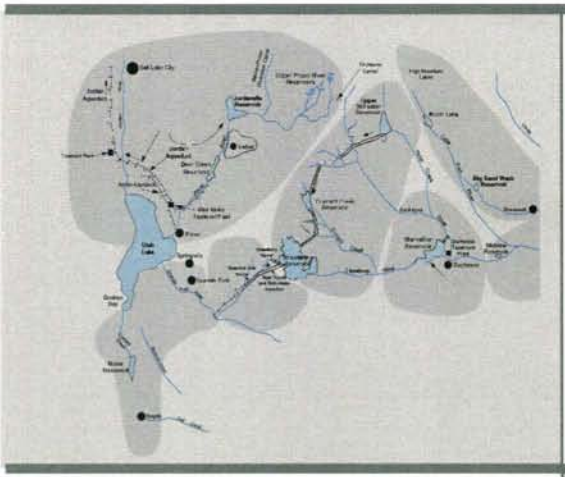


UTAH RECLAMATION MITIGATION AND CONSERVATION COMMISSION

WATER SUPPLY APPENDIX

Volume 5 - Provo River

Central Utah Project Completion Program



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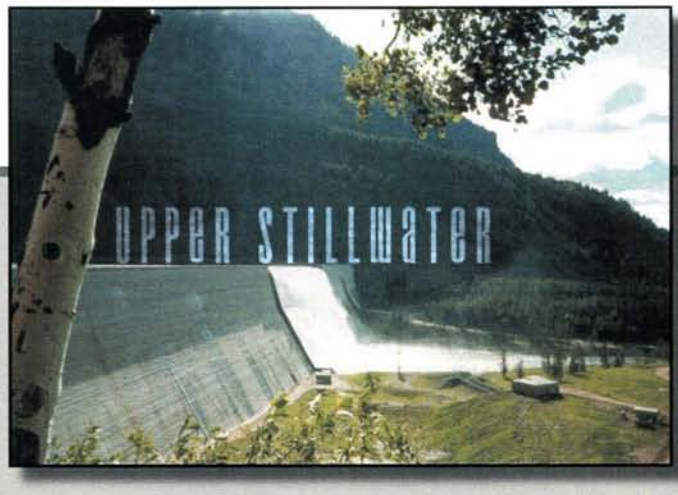

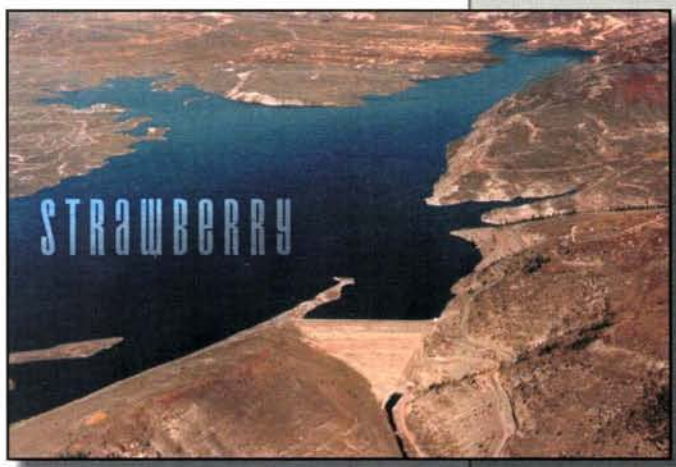

UTAH RECLAMATION MITIGATION AND CONSERVATION COMMISSION

Volume 5-Provo River

SUPPLEMENT TO THE BONNEVILLE UNIT DEFINITE PLAN REPORT

WATER SUPPLY APPENDIX, VOLUME 5 – PROVO RIVER

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MWH Americas, Inc.
Mayya Group International, LLC

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Central Utah Project Completion Program

Chapter 1

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UTAH RECLAMATION
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This volume describes the water supply and operations of the Provo River System with emphasis on the water deliveries to the Lower Provo River through the Bonneville Unit's Utah Lake Drainage Basin Water Delivery System. This Volume 5 supports the 2004 Supplement to the 1988 Bonneville Unit Definite Plan Report (DPR) and Volume 1of the Water Supply Appendix to the DPR.

Included in the discussion is a review of the historical development on the Provo River by the Provo Reservoir Water Users Company, the Provo River Project, and the Bonneville Unit's Municipal and Industrial System with Jordanelle Dam and Reservoir as the key features.

This Chapter describes the Provo River developments that preceded the Bonneville Unit, and that formed the setting in which the Bonneville Unit was formulated. The historical water supply developments are important in that the Bonneville Unit facilities supplement the historical development and operate in combination with the historical developments. In particular, Bonneville Unit water will be delivered through existing diversion and conveyance facilities, minimizing the cost of providing the water.

BASIN GEOGRAPHY

The Provo River watershed is made up of high mountains, low mountains, and valleys. For reference, the Provo River is divided into three parts--the upper Provo River upstream of Jordanelle Reservoir, the middle Provo River between Jordanelle and Deer Creek Reservoirs, and the lower river downstream of Deer Creek Reservoir. The upper Provo River has a long narrow watershed, from the Trial Lake area in the extreme western Uinta Mountains down into the southern end of Kamas (Rhodes) Valley, then down upper Provo River Canyon into Jordanelle Reservoir. The area is vegetated with sage-grass, oak, mahogany, with aspen and evergreen forests on the mountains to the west of the reservoir. Below Jordanelle Reservoir, the River enters the Heber Valley, a wide, flat alluvial valley which receives runoff from the Wasatch Mountains on the west and the Uinta National Forest on the east. Large agricultural diversions from the River in the Heber Valley create significant sustained return flows during the dry summer months. Below Deer Creek Dam, the Provo River flows southwest through the narrow Provo River Canyon, which bisects the Wasatch Mountains. After leaving the Canyon, the Provo River meanders across the benches of the Utah Valley, before emptying into Utah Lake north of Provo Bay. The drainage area of the Provo River is 673 square miles at the Provo City gage above Utah Lake.

NATURAL RUNOFF

Natural runoff into the Provo River is highly seasonal. Snowmelt runoff during March through July carries up to 60 percent of the annual natural flow of the watershed. The average natural streamflow of the basin is 364,000 acre-feet, with wet years typically exceeding 500,000 acre-feet and dry years often below 250,000 acre-feet. Average historical streamflows are significantly lower due to diversions and water use within the basin. Average historical streamflow is 153,000 acre-feet per year at the gage near Provo City. Upper basin streamflows are augmented by large transbasin

diversions from the Weber and the Duchesne rivers. These transbasin diversions average 85,600 acre-feet per year under full operation. The source of these transbasin flows, the Weber-Provo Diversion Canal and the Duchesne Tunnel, are discussed in Chapter 2.

DAMS ON LOWER PROVO RIVER

Beginning in the 1850s, settlers in the Heber and Utah valleys began to divert water from the Provo River to irrigate lands. Small diversion dams and irrigation canals were constructed to divert and convey natural river flows. Most of these diversions from the river are still in use, although much of the land that was originally irrigated has now been urbanized. The Utah Reclamation Mitigation and Conservation Commission has plans to rehabilitate four of these lower Provo River dams, to pass instream flows as part of the June sucker Recovery Implementation Program.

PROVO RIVER PROJECT FACILITIES

The Provo River Project (PRP), constructed during the 1930s, 1940s, and 1950s, involved a major expansion in diversion and use of Provo River and trans-basin water. Developed primarily as an irrigation project, it provided irrigation water in Wasatch County, central and northern Utah County, and southern Salt Lake County, west of the Jordan River. The PRP also provided M&I water for Salt Lake and Utah Counties. The Provo River Project provides a supplemental water supply for irrigation of highly urbanized farmlands in Utah, Salt Lake, Summit, and Wasatch Counties.

BONNEVILLE UNIT

Municipal and Industrial System

The Bonneville Unit M&I System provides M&I water to Salt Lake, Utah, and Wasatch counties and supplemental irrigation water to Summit and Wasatch counties. The system also provides flood control, recreation, and fish and wildlife benefits. Jordanelle Dam is the major feature of the M&I System. The 300-foot-high dam located on the Provo River about 6 miles north of Heber City was completed in April 1993. The reservoir has an active capacity of 314,006 acre-feet. Provo River water that historically flowed into Utah Lake is stored in Jordanelle Reservoir and in Deer Creek Reservoir. As part of the M&I System, Utah Lake water originating from the Provo River is replaced by Bonneville Unit return flows to the lake, water rights previously acquired by the District in Utah Lake, direct releases of water from Strawberry Reservoir to Utah Lake, and flows that are surplus to Utah Lake rights. The Bonneville Unit M&I water for northern Utah County (20,000 acre-feet per year) and Salt Lake County (70,000 acre-feet per year) is released from Jordanelle Reservoir and then re-diverted from the Provo River into the Olmsted Flowline or diverted under direct flow water rights. From this diversion, the water is conveyed to the Salt Lake County area by the 38-mile-long Jordan Aqueduct and to northern Utah County through the 14-mile-long Alpine Aqueduct. Water for use in Wasatch County (2,400 acre-feet of M&I water and 12,100 acre-feet of irrigation water) is released from Jordanelle Reservoir for delivery through local irrigation canals, current secondary M&I systems, and a future M&I treated water system. Water for use in Summit County (3,000 acre-

feet of irrigation water) is provided from Washington, Trial, and Lost lakes in the headwaters of the Provo River or directly from the Provo River, both facilitated through an exchange with storage in Jordanelle Reservoir.

Wasatch County Water Efficiency Project

The Wasatch County Water Efficiency Project and Daniel Replacement Project improves water use efficiency in Heber Valley by delivering pressurized irrigation water and making it possible for farmers to convert from flood to sprinkler irrigation. Water conserved by the project is used to supplement flows of Heber Valley streams. The project provides the Daniel Irrigation Company with replacement water after its diversion from the upper Strawberry River basin was terminated as provided in Section 303 of CUPCA. Water conserved by the project from the Bonneville Unit agricultural supply is used to provide the replacement water. This project is described in the *Final Environmental Impact Statement–Wasatch County Water Efficiency Project and Daniel Replacement Project* (CUWCD 1996a), and the *Wasatch County Water Efficiency Project Feasibility Study* (CUWCD 1997a). The Mitigation Commission signed its Record of Decision on March 12, 1997, and the Department of the Interior signed its Record of Decision on March 21, 1997, both selecting the Proposed Action for implementation. Construction has been completed and the project is operational. During the 2002 irrigation season, the Wasatch County Water Efficiency Project reported water conservation savings of 24,492 acre-feet.

Utah Lake Drainage Basin Water Delivery System

The Utah Lake Drainage Basin Water Delivery System (ULS) affects the Provo River system in two ways. ULS will deliver 30,000 acre-feet per year of Strawberry Reservoir M&I water to Salt Lake County through the Provo Reservoir Canal and the Jordan Aqueduct (facilities that convey Provo River water), and ULS will release 16,000 acre-feet per year of Strawberry Reservoir water to the lower Provo River to supplement streamflows. The water for Salt Lake County would be delivered to the existing Provo Reservoir Canal and/or the Jordan Aqueduct for conveyance to treatment plants in Salt Lake County. During the summer months the M&I water would be delivered to the Provo Reservoir Canal. During the winter months when the Provo Reservoir Canal was not operating, the M&I water would be delivered to the Jordan Aqueduct. The 16,000 acre-feet of Bonneville Unit water would be delivered to the lower Provo River to assist in meeting in-stream flow objectives and would be subsequently exchanged from Utah Lake to Jordanelle Reservoir. The water for release to the Provo River for delivery to Utah Lake would be delivered in all 12 months of the year. Releases to the lower Provo River would be made from the Spanish Fork-Provo Reservoir Canal Pipeline a short distance below the Upper East Union Diversion Dam.

Central Utah Project Completion Program

Chapter 2

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UTAH RECLAMATION
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Chapter 2

Water storage and conveyance facilities on the Provo River are shown on Figure 2-1 and include the features identified below.

- Diversions dams on lower Provo River that were constructed prior to both the Provo River Project and the Bonneville Unit
- Provo River Project Facilities
    - Deer Creek Dam and Reservoir
    - Salt Lake Aqueduct
    - Murdock Diversion Dam and Provo Reservoir Canal Enclosure
    - Weber-Provo Diversion Canal
    - Duchesne Tunnel
- Bonneville Unit's Municipal and Industrial System
    - Jordanelle Dam and Reservoir
    - Olmsted Diversion Dam
    - Olmsted Flowline
    - Jordan Aqueduct
    - Alpine Aqueduct
- Utah Lake Drainage Basin Water Delivery System
    - Spanish Fork Canyon – Provo Reservoir Canal Pipeline delivery point below the Upper East Union Diversion Dam

DIVERSION DAMS ON LOWER PROVO RIVER

Shortly after the turn of the century, a privately owned water speculation company was formed, known as the Provo Reservoir Water Users Company (PRWUC). The PRWUC was created to sell water to farmers in northern Utah County and southern Salt Lake County. The PRWUC constructed canals in Utah and Salt Lake counties and enlarged several high mountain lakes at the headwaters of the Provo River. In addition, the company acquired storage water in the Weber River Project and other Weber River transbasin supplies.

Water rights disputes between the PRWUC and other Provo River diverters led to adjudication of the River under the Provo River Decree (Morse), in 1921. The Morse Decree established water duties, divisions, and priority classes. Although rights in the Wasatch Division in the Heber Valley were junior to those on the lower Provo River, the Decree recognized that return flows from the Heber Valley sustained late summer flows on the lower Provo River, and gave them a higher priority.

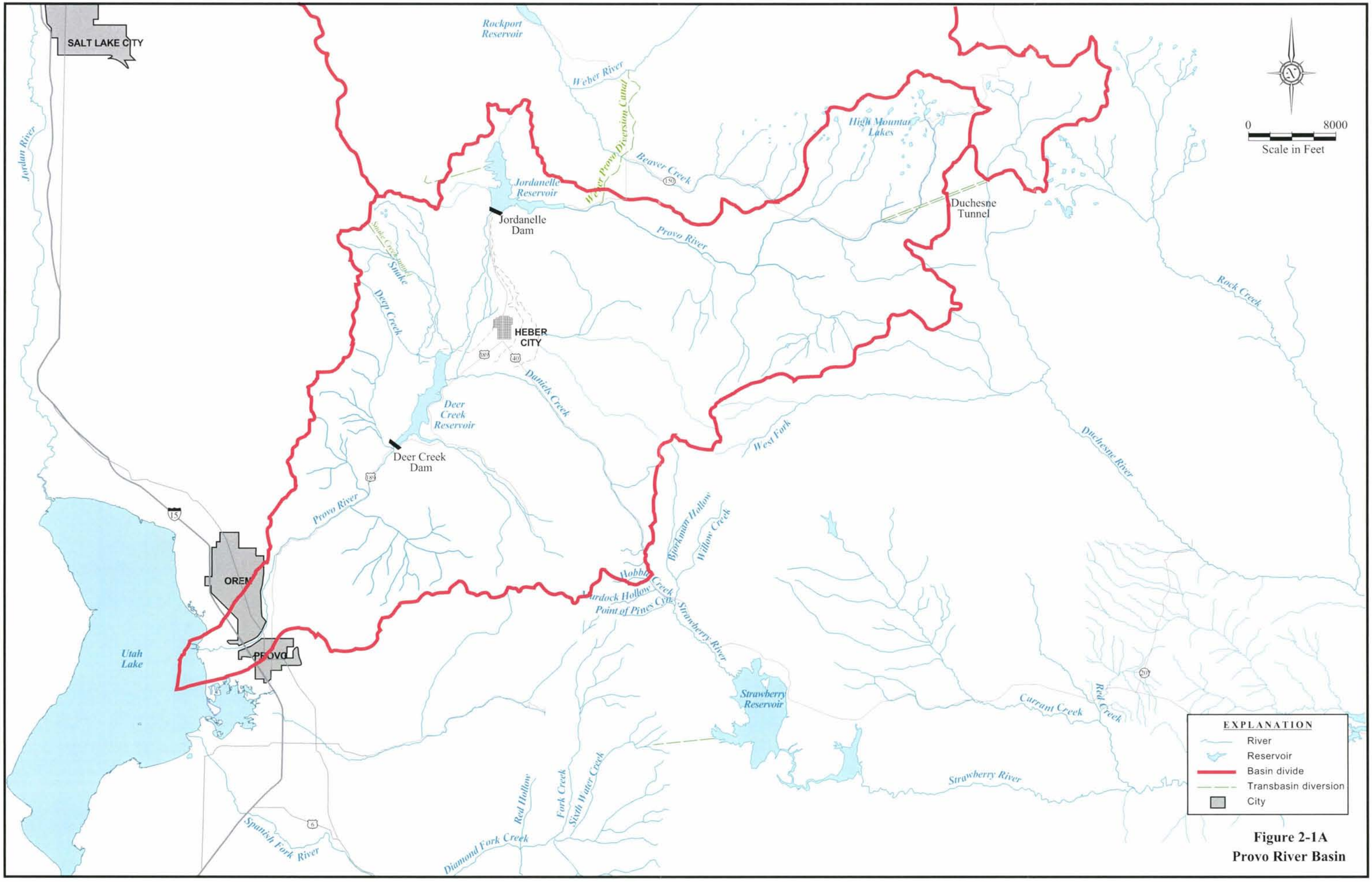

Figure 2-1A
Provo River Basin

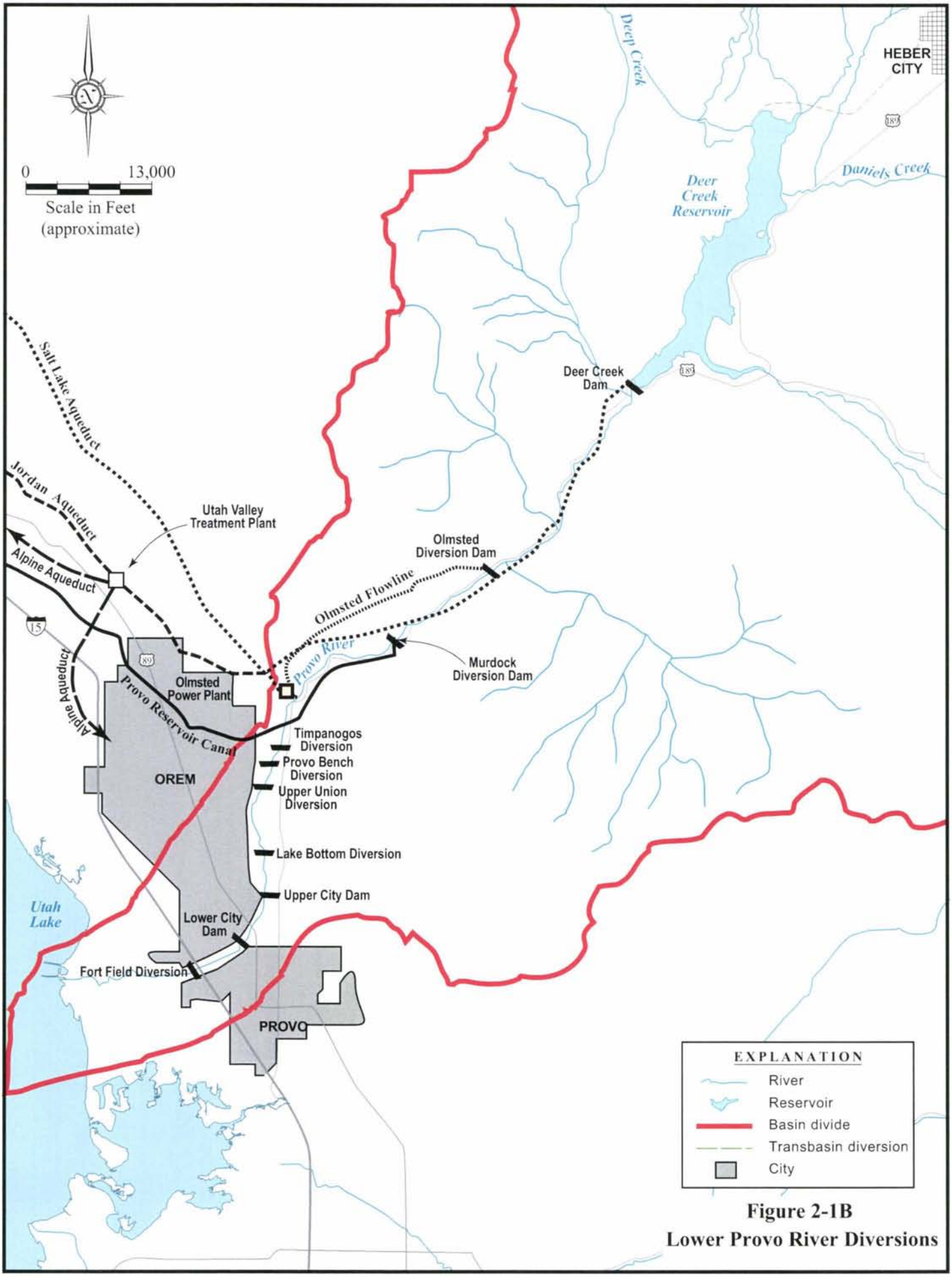

Figure 2-1B
Lower Provo River Diversions

Provo Bench Diversion

The Provo Bench Diversion is approximately one mile downstream of the Murdock Diversion. It diverts water from the Provo River and from the tailrace of the Olmsted Power Plant to the Provo Bench and North Union Canals.

Other Lower Provo River Diversions

There are six other diversion dams on the Provo River below the Provo Bench Diversion, including Timpanogos Diversion, Upper East Union and West Union Diversion, Lake Bottom Diversion, Upper City Dam, Lower City Dam, and Fort Field Diversion. None of these diverts PRP or M&I water.

PROVO RIVER PROJECT FACILITIES

The Provo River Project (PRP), constructed during the 1930s, 1940s, and 1950s, involved a major expansion in diversion and use of Provo River and transbasin water. Developed primarily as an irrigation project, it provided irrigation water in Wasatch County, central and northern Utah county, and southern Salt Lake county, west of the Jordan River. In many of these areas the irrigation supply is now a supplemental water supply for irrigation of highly urbanized farmlands in Utah, Salt Lake, and Wasatch Counties. In addition, the PRP provides M&I water for Salt Lake and Utah Counties.

The project features include Deer Creek Dam and Reservoir, Provo Reservoir Canal, Murdock Diversion Dam, Salt Lake Aqueduct, enlarged Weber-Provo Diversion Canal, and the Duchesne Tunnel. Deer Creek Dam has a hydropower plant with two 2,475-kilowatt generators, placed in operation in 1958.

All features of the Deer Creek Division of the PRP are operated and maintained by the Provo River Water Users Association. The Metropolitan Water District of Salt Lake City operates and maintains the Salt Lake Aqueduct. The Salt Lake Aqueduct, constructed by the United States as part of the Provo River Project, extends from its intake at the base of Deer Creek Dam, down along the Provo River to Orem, and then northerly into Salt Lake County to its Terminal Reservoir at 3300 South and I-215 in Salt Lake City, Utah.

Deer Creek Dam and Reservoir

The PRP water supply is made available by developing storage in Deer Creek Reservoir and enlarging transbasin diversions into the Provo River Basin. The key structure of the project, Deer Creek Dam, is located on the Provo River about 16 miles northeast of Provo, Utah. The impounded Deer Creek Reservoir has an active storage of 152,564 acre-feet, including 2,864 acre-feet of dead storage. Dead storage includes space reserved for sedimentation. The reservoir (completed in 1941) stores Provo River runoff, plus transbasin diversion of surplus water from the Weber River, diverted by the enlarged Weber-Provo Diversion Canal, and of surplus water from the headwaters of the

Duchesne River, diverted by the 6-mile Duchesne Tunnel as discussed below.

Transbasin Diversions Into Headwaters of Provo River

A general schematic of the major transbasin diversions into the Provo River is shown below in Figure 2-2.

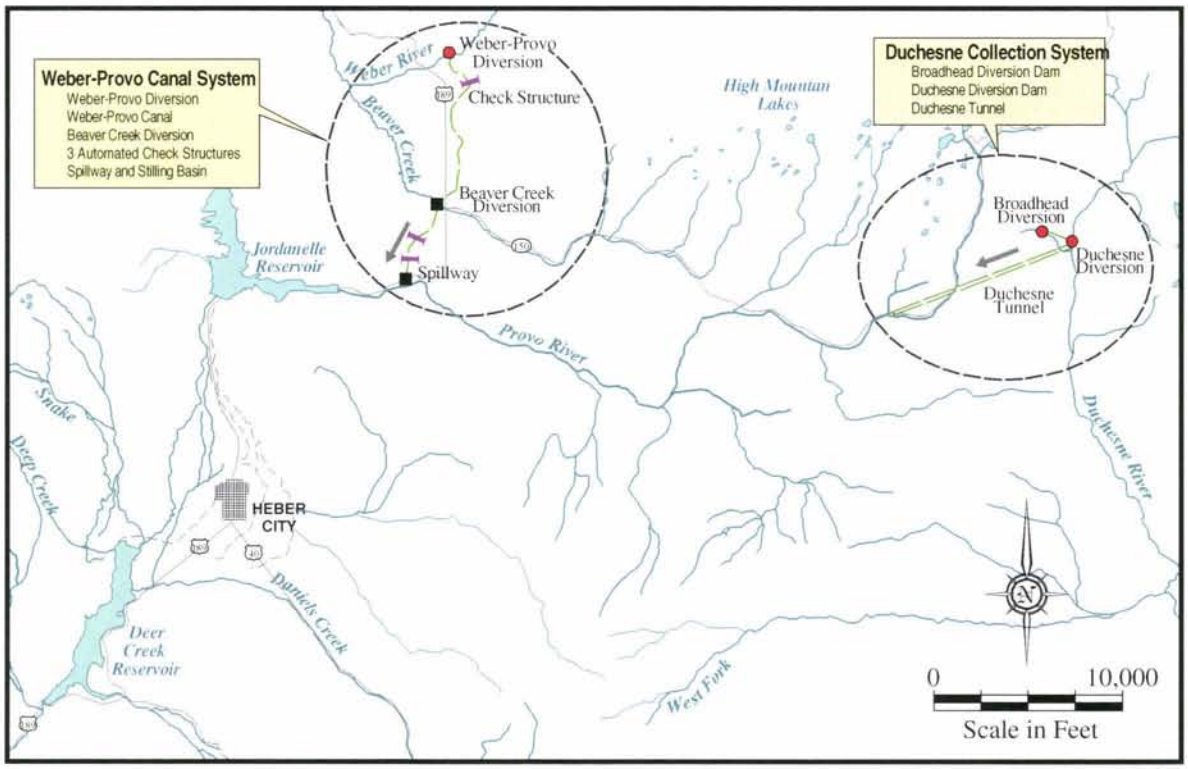

Figure 2-2
Major Transbasin Diversions into the Provo River

Weber-Provo Diversion Canal. The Provo River Project included two transbasin diversions to increase the water supply in the Provo River Basin. These are the Weber-Provo Diversion Canal providing water from the upper Weber River watershed, and the Duchesne Tunnel providing water from the upper Duchesne River watershed.

The Weber-Provo Diversion Dam and Canal was originally part of the Weber River Project. The canal was enlarged to supply additional water from the Weber River to the Provo River upstream of Deer Creek Reservoir. (The point of discharge is above Jordanelle Reservoir.) The dam on the Weber River is located 1 mile east of Oakley, Utah, and the 9-mile diversion canal has a capacity of 1,000 cubic feet per second with unlined, earth-lined, and concrete-lined sections.

Duchesne Tunnel. The Duchesne Tunnel conveys up to 600 cfs of water from a diversion dam on the North Fork of the Duchesne River to the Provo River drainage basin. The horseshoe-shaped, concrete-lined, 9.25 foot diameter tunnel is 6 miles long. The Duchesne Diversion Dam is about 30 miles east of Heber City, and is a rockfill weir with concrete core wall, 23 feet high.

PRP Points of Diversion and Conveyance Routes from the Provo River

PRP diversions out of the Provo River Basin occur at and downstream of Deer Creek Dam. In addition, PRP diversions occur, by exchange, on the upper Provo River. Figure 2-1B shows the locations of the major PRP diversions and the general routes of pipelines and canals to Salt Lake County.

Salt Lake Aqueduct Diversion. A turnout at the base of Deer Creek Dam diverts reservoir water into the Salt Lake Aqueduct, constructed as part of the Provo River Project. The Salt Lake Aqueduct carries water to a point near Salt Lake City to supplement the city's supply.

The 42-mile Salt Lake Aqueduct, a 69-inch diameter concrete pipeline with a capacity of 150 cubic feet per second, provides water to Salt Lake City. Water delivery is regulated through the aqueduct's Terminal Reservoir near Salt Lake City. Two tunnels are a part of the aqueduct: the concrete-lined, 78-inch-diameter, horseshoe-shaped Alpine-Draper Tunnel which is 15,037 feet long; and the Olmsted Tunnel, identical in cross section with the Alpine-Draper Tunnel, but 3,614 feet long. The concrete terminal reservoir, with a capacity of 1,228 acre-feet, completes the system. Ownership of the Salt Lake Aqueduct is in the process of being transferred from the Bureau of Reclamation to the Metropolitan Water District of Salt Lake and Sandy. Public Law 108-382 was enacted October 30, 2004, which authorizes the Secretary of the Interior to transfer the aqueduct pending execution of necessary agreements.

Murdock Diversion Dam and Provo Reservoir Canal. The Murdock Diversion near the mouth of Provo Canyon diverts water into the 23-mile-long Provo Reservoir Canal Enclosure to provide irrigation and M&I water for use in Salt Lake County, and northern Utah County. The Murdock Diversion was constructed by the United States as part of the Provo River Project. Murdock Diversion Dam is a concrete ogee weir structure, 22 feet high.

The Provo Reservoir Canal, also known locally as the Murdock Canal, takes water from the Provo River at the Murdock Diversion Dam, about 7 miles downstream of Deer Creek Dam. This 23-mile-long canal serves the 46,609 acres in the PRP's Deer Creek Division. The Provo Reservoir Canal has a diversion capacity of 550 cubic feet per second and a total length of 23 miles, consisting of unlined and concrete-lined sections. NEPA compliance for converting the Provo Reservoir Canal to an enclosed conveyance facility has been completed by Reclamation. The enclosed canal would continue to convey PRP water to Salt Lake County water treatment plants and other users. Ownership of the Provo Reservoir Canal is in the process of being transferred from the Bureau of Reclamation to the Provo River Water Users Association. Public Law 108-382 was enacted October

30, 2004, which authorizes the Secretary of the Interior to transfer the canal pending execution of necessary agreements.

The Jordan Narrows Siphon and Pumping Plant, with a capacity of 65 cfs, furnishes water from the Provo Reservoir Canal and Jordan River to lands on the west side of Utah Lake and the Jordan River. The South Lateral, with a capacity of 40 cfs, delivers water supplies from the Jordan Narrows pump to the area south of the pump and west of the Jordan River.

Interconnections. Interconnections between the Salt Lake Aqueduct and the Olmsted Flowline in northern Utah County provide flexibility in use of available flow capacity of the aqueducts. The Transfer Pumps allow water to be pumped from the Olmsted Flowline into the Salt Lake Aqueduct or vice versa. This could be a factor in the conveyance of ULS System water to Salt Lake County from the end of the Spanish Fork Provo Reservoir Canal Pipeline at the Provo River, since the Spanish Fork Provo Reservoir Canal Pipeline will be capable of releasing water into the Olmsted Flowline upstream of the Transfer Pumps. See Figure 2-3 for a general schematic of this interconnection.

BONNEVILLE UNIT MUNICIPAL AND INDUSTRIAL SYSTEM

Jordanelle Dam and Reservoir

The 300-foot-high earth-fill dam located on the Provo River about 6 miles north of Heber City was completed in April 1993. The reservoir provides M&I water for Salt Lake, Utah, and Wasatch Counties. The operation of the reservoir contributes to instream flow needs on the Provo River and to the June sucker Recovery Implementation Program. Total capacity of the reservoir is 363,354 acre-feet with an active capacity: of 314,006 acre-feet and exclusive flood control capacity of 49,348 acre-feet.

Olmsted Diversion Dam

The Olmsted Diversion Dam, five miles downstream of Deer Creek Reservoir, diverts culinary water into the Olmsted Flowline to serve northern Utah and southern Salt Lake counties, as discussed below. The Olmsted diversion was originally constructed by Utah Power as part of the Olmsted Hydropower Plant and subsequently acquired and upgraded as a part of the Bonneville Unit Municipal and Industrial System.

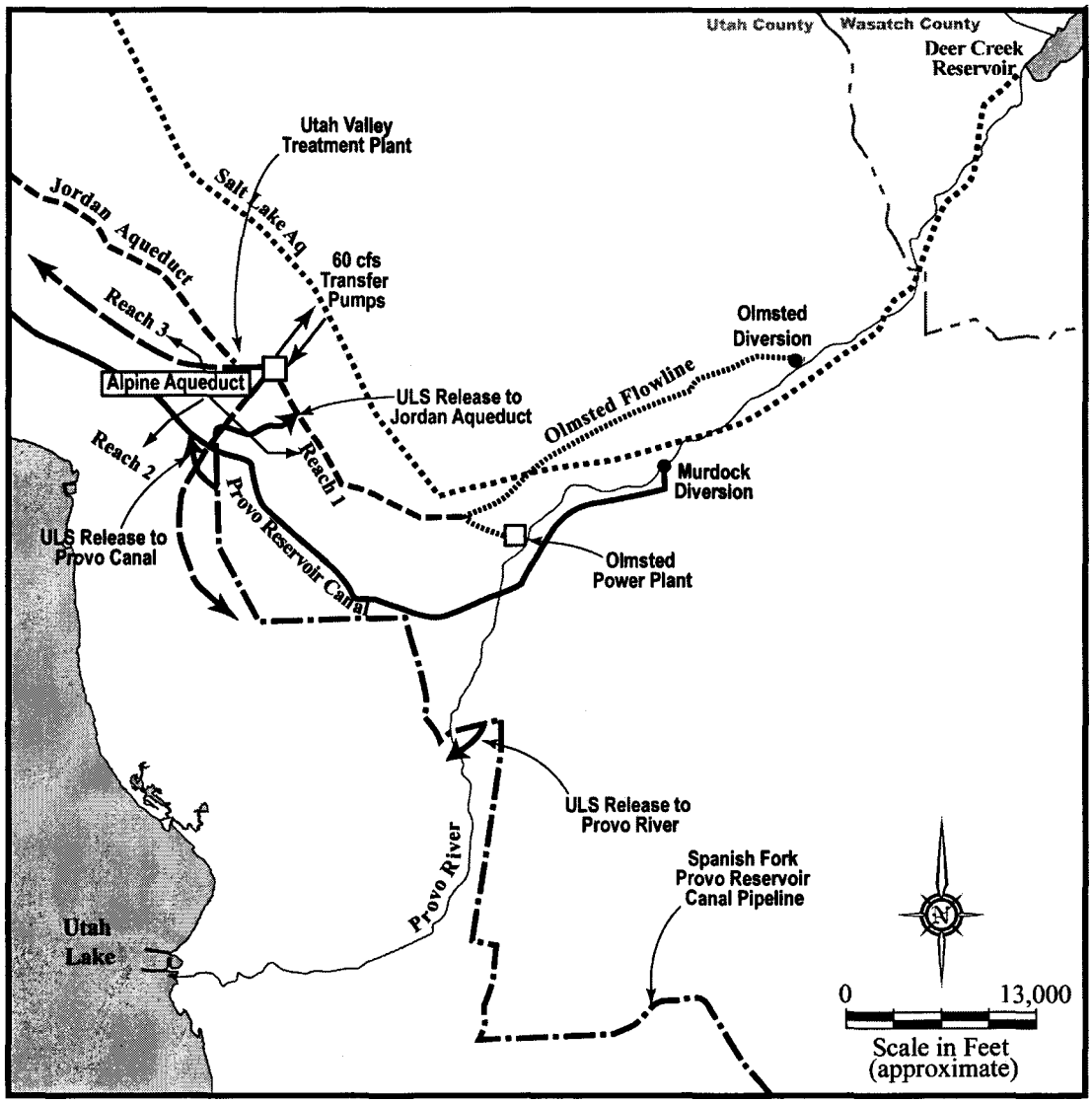

Figure 2-3
General Schematic of Interconnections between ULS, Bonneville Unit, and PRP Facilities

Olmsted Flowline

The Olmsted Flowline was originally constructed between 1948 and 1952 by Utah Power as part of the Olmsted Hydropower Project. The Flowline is an 8.5-foot diameter steel pipe approximately 4.5 miles long. It conveys raw water from the Olmsted Diversion Dam to the inlet of the Alpine Tunnel and the Olmsted Hydropower Plant. The Alpine Tunnel Inlet Structure diverts flow from the Olmsted Flowline into the Alpine/Jordan Aqueduct System. The Flowline is the upstream end of the Olmsted-Alpine-Jordan Aqueduct System that conveys up to 450 cfs of Bonneville Unit water to northern Utah and Salt Lake Counties. As part of the Olmsted Flowline Rehabilitation and

Replacement Project, the Flowline has been replaced in the same alignment with new steel pipe of up to 10-foot diameter.

Jordan Aqueduct

The Jordan Aqueduct is a 36-mile long aqueduct that extends from the Olmsted Flowline near the mouth of Provo Canyon in a northwesterly direction to the Point of the Mountain and the Jordan Water Purification Plant. The aqueduct continues down the west-side of the Salt Lake Valley and terminates near 2100 South and 4000 West. About 70,000 acre-feet of water will be delivered to the Salt Lake Valley annually through the aqueduct from storage releases from Jordanelle Reservoir.

Alpine Aqueduct

The Alpine Aqueduct is located in Utah Valley and extends from the Olmsted Flowline near the mouth of Provo Canyon north to Lehi and south to Provo. The aqueduct conveys water from the Provo River to the Utah Valley Purification Plant. It carries treated water to Orem and Provo, Utah, and to communities at the northern end of Utah Valley.

BONNEVILLE UNIT UTAH LAKE DRAINAGE BASIN WATER DELIVERY SYSTEM

The Spanish Fork – Provo Reservoir Canal Pipeline would be constructed from the Spanish Fork Canyon Pipeline along U.S. Highway 89 through Mapleton, 400 East in Springville, then back to Highway 89 en route to Provo, and through residential streets in Provo, discharging to the Provo River, the Provo Reservoir Canal at 800 North in Orem, and the Jordan Aqueduct, a distance of 18 miles. The Provo Reservoir Canal would convey ULS water to Salt Lake County water treatment plants. Past the Provo Reservoir Canal turnout, the Spanish Fork – Provo Reservoir Canal Pipeline would continue to parallel the Provo Reservoir Canal for about another 1.5 miles, connecting to the Jordan Aqueduct near the Utah Valley Water Treatment Plant. This extended pipeline segment would allow conveyance of ULS water to Salt Lake County water treatment plants through the Jordan Aqueduct during the winter months (November – March), when the Provo Reservoir Canal is non-operational. See Figure 2-3 for a schematic of how the ULS System Pipeline ties into the existing facilities and into the Provo River.

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DEER CREEK RESERVOIR/JORDANELLE RESERVOIR OPERATING AGREEMENT

Reservoir operations of Deer Creek Reservoir and Jordanelle Reservoir are coordinated under the Deer Creek Reservoir / Jordanelle Reservoir Operating Agreement executed in 1994 (Reservoir Operating Agreement). This agreement acknowledges the water rights and water right priorities of both projects, and specifies when each project can store water. The parties to the Reservoir Operating Agreement are the United States, the State of Utah, the Provo River Water Users Association, and the Central Utah Water Conservancy District.

The agreement provides accounting procedures to allow PRP and Bonneville Unit water to be stored on a space available basis in Deer Creek Reservoir for later exchange to Jordanelle Reservoir. For example, there is a 125 cfs minimum instream flow between Jordanelle and Deer Creek Reservoirs. At certain times of the year, the rate of release from Jordanelle Reservoir to meet the instream flow exceeds the required downstream Bonneville Unit deliveries. Pursuant to the Reservoir Operating Agreement, Bonneville Unit water not needed for immediate delivery is stored on a space available basis in Deer Creek Reservoir until needed by the Bonneville Unit petitioners. If, after final accounting is made at the end of the storage season, any (PRP) water remains in Jordanelle Reservoir, it will be released to Deer Creek Reservoir at the request of PRWUA and under the direction of the Utah State Engineer.

WATER QUALITY MANAGEMENT PLAN

The Jordanelle Reservoir Water Quality Technical Advisory Committee (JTAC) was formed in 1982 due to concerns over eutrophication in Deer Creek Reservoir. JTAC subsequently developed a reservoir management plan for Deer Creek Reservoir and for the then proposed Jordanelle Dam and Reservoir. The resulting Upper Provo River Water Quality Management Plan was implemented in 1984.

The primary goal of the Water Quality Management Plan is to protect and enhance water quality in Deer Creek Reservoir. Cooperating federal, state, and local agencies are accomplishing this goal through a comprehensive watershed protection program, which includes water quality monitoring, implementation of pollution control facilities, development of code revisions, and more restrictive discharge permits. The result has been improved water quality in Deer Creek Reservoir with less severe algal blooms reducing taste and odor problems.

STRAWBERRY TO JORDANELLE EXCHANGE

Because the Bonneville Unit's rights to Provo River water are junior in priority to those of most other Provo River and Utah Lake water users, the M&I System's water supply depends on the exchange of water from Utah Lake to Jordanelle Reservoir. Approximately 84,510 acre-feet of excess water is required in Utah Lake to complete the exchange to Jordanelle Reservoir. This includes: 44,310 acre-feet that would be released from Strawberry Reservoir as described in the Water Supply Appendix Volume 4; 9,660 acre-feet of Bonneville Unit water return flows to Utah Lake; and DOI acquiring the District's secondary water rights in Utah Lake to yield a firm average

annual supply of at least 30,540 acre-feet. The exchanged water would be stored in Jordanelle Reservoir for M&I delivery to Wasatch County, Salt Lake County and northern Utah County under existing contracts. See Figure 3-1 below for a schematic showing the relationship of the exchange between Strawberry Reservoir and Jordanelle Reservoir.

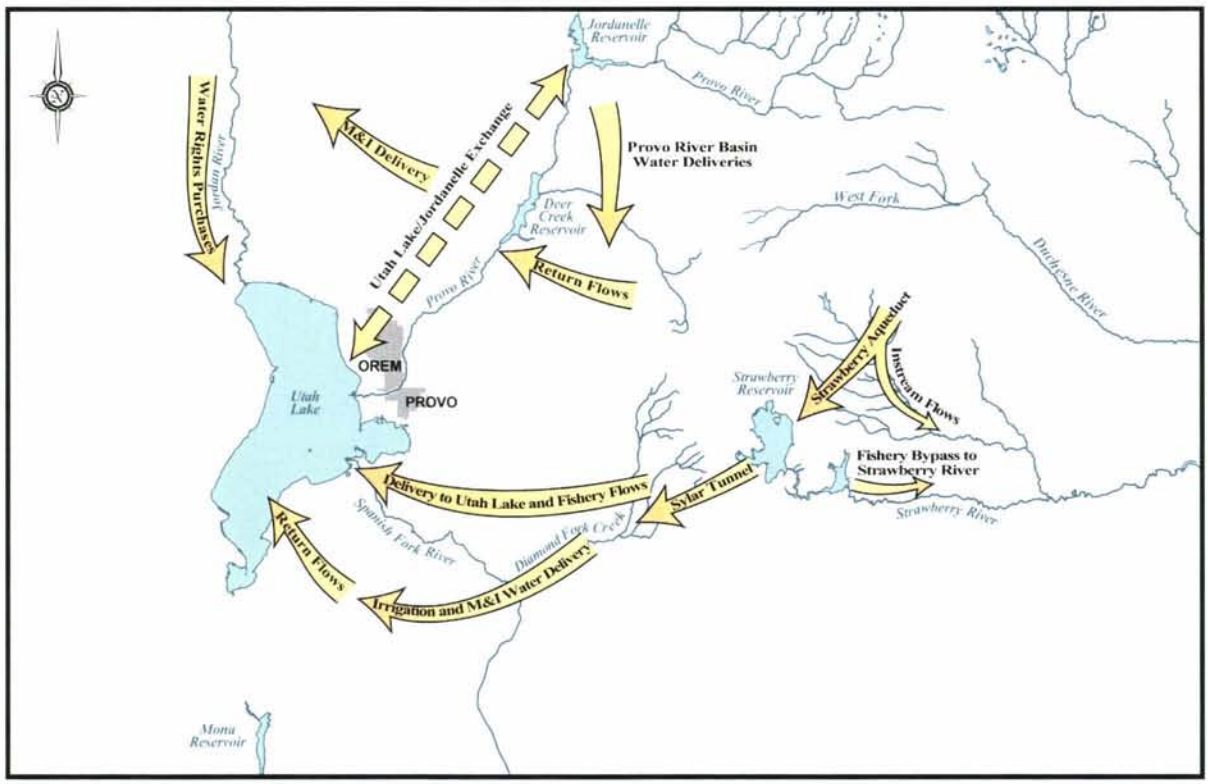

Figure 3-1
Exchange Mechanisms Between Strawberry and Jordanelle

OTHER EXCHANGES AFFECTING PROVO RIVER OPERATION

Under Bonneville Unit operation, the M&I System water supply is provided by exchanges operating under the provisions of the Utah Lake Distribution Plan (see Figure 3-2), and under Application A40524. The five basic components of the water supply are:

- System storage in Jordanelle or Deer Creek;
- System storage conversion under the Distribution Plan;
- Direct exchange (or conversion) using the acquired Utah Lake water rights;
- Direct exchange of system storage with imported Bonneville Unit Strawberry Reservoir water delivered or returning to Utah Lake; and
- Direct diversion (without storage) of Provo River water under Application A40524

The mechanisms for using these categories of rights by the Bonneville Unit are discussed in the following subsections. The discussion centers on system storage and priority storage. System storage

is defined under the Utah Lake Distribution Plan as all of the total active storage in Utah Lake, excluding 125,000 acre-feet of primary storage, plus water stored in upstream reservoirs under later priority date water rights that is subject to call by Utah Lake rights. Upstream system storage is held by the user owning the water rights under which it was stored, i.e., either Bonneville Unit or PRP. Priority storage is legal storage under a water right. Such stored water is not subject to call by other right(s) and can be diverted and used in accordance with the owner's right.

System Storage in Jordanelle or Deer Creek

The Distribution Plan permits the storage of Provo River water in Jordanelle or Deer Creek reservoirs after the needs of prior direct diversion rights are met. Particularly in the winter when most of the direct diversion rights on the Provo River are not being diverted, surplus flows can be stored as system storage. Surplus flows up to 429 cfs can also be stored as Bonneville Unit system storage, under the hydropower rights (applications number A2636 and A2637) associated with the Olmsted Hydropower Plant. However, because the Olmsted Hydropower Plant's rights are non-consumptive, they only allow the water to be stored as system storage, and not to be directly used or stored as priority storage.

System storage is not directly usable by the Bonneville Unit. If required by the higher priority users of Utah Lake and Jordan River water, the Bonneville Unit could be forced to release system storage to Utah Lake to keep those water users whole. Before system storage can be diverted to the M&I System water users, it must be changed to priority storage, either by conversion (under the terms of the Distribution Plan), or by exchange (under other water rights).

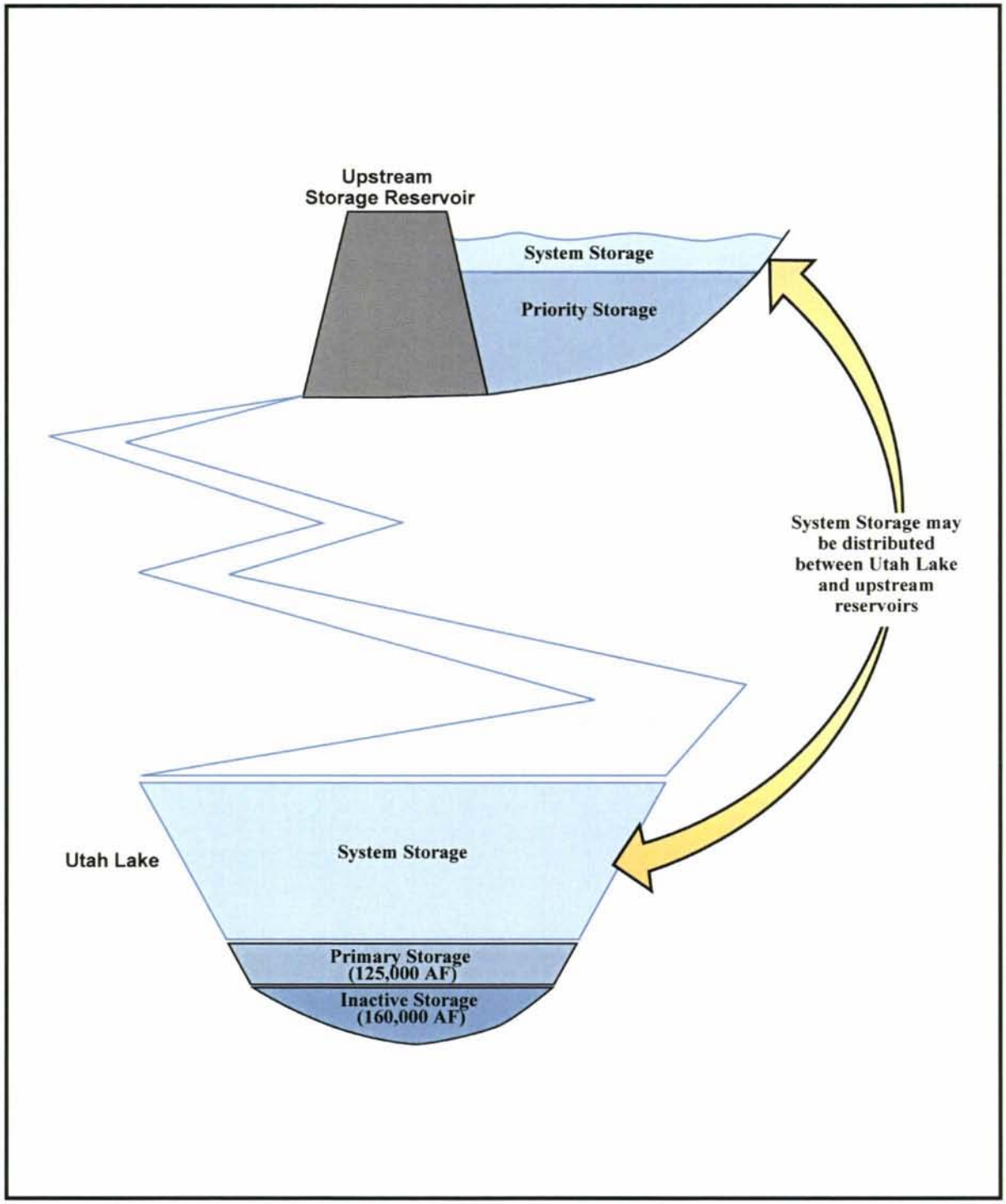

Figure 3-2
Utah Lake Distribution Plan Schematic

System Storage Conversion Under the Distribution Plan

The Bonneville Unit can convert system storage water stored in Jordanelle and Deer Creek reservoirs when the total storage in Utah Lake crosses the system storage conversion line. The conversion line is established by the Distribution Plan at a level to be sure that Utah Lake contains enough water to guarantee that all of its higher priority rights can be met. Under this exchange mechanism, the Bonneville Unit system storage in Jordanelle and Deer Creek reservoirs becomes Bonneville Unit priority storage and the volume of water converted reduces the remaining volume of system storage. This conversion may continue to occur until the system storage volume decreases to reach the conversion line again.

Direct Exchange (or Conversion) Using Utah Lake Rights

By holding its acquired Utah Lake rights in Utah Lake (rather than releasing them to downstream users), the Bonneville Unit has two additional options for changing the Bonneville Unit system storage to priority storage. The Bonneville Unit can ask the State Engineer to lower the system storage conversion line by the appropriate volume associated with its acquired rights, making it possible to convert (see above) at a lower Lake level. Or the District and DOI can directly exchange their Utah Lake water rights for Bonneville Unit System Storage in Jordanelle and Deer Creek Reservoirs even when the conversion line is not crossed, if the State Engineer determines that this can be done without impairing prior rights.

Exchange With Strawberry Reservoir Water Delivered or Returning to Utah Lake

Under Bonneville Unit operation, a special storage account has been created in Utah Lake for storing transbasin diversion water imported by the project. This account holds water released directly from Strawberry Reservoir to Utah Lake, as well as project return flows from Strawberry Reservoir water that enters the Lake. Because the Bonneville Unit water delivered through the ULS System is new water to the Utah Lake drainage, the District has the right to capture and re-divert this return flow. Any water stored in this Utah Lake account will be held on a space-available basis. When Utah Lake is full and begins to spill, water held in the account will be the first water to spill. Water stored in this account will be subject to evaporation losses. The evaporation losses will be equal to the incremental amount of evaporation caused by the increased storage in Utah Lake. No seepage losses are charged on water stored in Utah Lake.

Water held in the Utah Lake account will be used to make exchanges with Bonneville Unit system storage held in Jordanelle and Deer Creek reservoirs. It will be used to maximize the amount of priority storage. In some years all of the system storage in Jordanelle and Deer Creek reservoirs can be converted to priority storage under one of the previously described mechanisms. This generally occurs when there is a large quantity of system storage available. In those years, the water in the Utah Lake account will remain in the account for exchange in subsequent years. In other years, system storage is held in Jordanelle Reservoir, but the total system storage throughout the system is below the amount required for conversion to priority storage. In those years, water held in the

Bonneville Unit's Utah Lake account will be exchanged with the system storage in Jordanelle Reservoir.

Direct Diversion of Provo River Water Under Application A40524

Application A40524 permits the diversion of up to 400 cfs of surplus Provo River natural flow to meet Bonneville Unit M&I water demands at the Olmsted Diversion Dam or at the Murdock Diversion Dam. The water is not storable, but must be diverted to use. Because surplus flows, above the rights of other Provo River water right holders only tend to exist in the winter and spring, this right is somewhat limited. Modeling studies estimate that an average of 7,600 acre-feet per year may be diverted under Application A40524. By diverting under this Application, less demand is placed upon Jordanelle Reservoir storage.

JUNE SUCKER RECOVERY IMPLEMENTATION PROGRAM (JSRIP)

The June sucker (Chasmistes liorus), occurs naturally only in Utah Lake and spawns naturally only in the lower Provo River. Provo River diversions have resulted in hydrological and habitat changes in the lower river. In essence, the flows of the lower Provo River discharging into Utah Lake have declined to the point that they fail to attract sufficient numbers of the June sucker to migrate upriver for spawning and fail to provide sufficient flow for incubation and out-migration of juvenile suckers to Utah Lake. Increasing the discharge from the Provo River to Utah Lake during the spawning cycle can mitigate the decline in attraction. The species has been listed as endangered under the Endangered Species Act and the last 4.9 miles of the Provo River have been designated as critical habitat. The study team has developed the JSRIP to develop ways and means to counteract the decline.

The Bonneville Unit completion plan includes measures to increase the flows in the lower Provo River during the spawning season. Under the Water Management Improvement Program, Section 207 of CUPCA, conserved water has been and will continue to be accumulated in Jordanelle Reservoir for release when needed to provide flows in the lower river. The target hydrographic flow pattern to attract the June sucker to enter the Provo River and migrate upstream for spawning is to mimic the natural flow of the river during the June sucker spawning season. The release pattern was developed in cooperation with the JSRIP and is included in the Provo River operational analysis. Section 207 project water would provide a total of 12,165 acre-feet of conserved water for June sucker attraction flows in the lower Provo River. This includes about 2,875 acre-feet of existing contracted Bonneville Unit M&I System water conserved from Section 207 projects in northern Utah County, about 1,000 acre-feet of water conserved from Section 207 piping of the Upper East Union and East River Bottom canals, about 290 acre-feet of water conserved from Section 207 piping of the Timpanogos Canal, and 8,000 acre-feet of water conserved by enclosing the Provo Reservoir Canal or other future 207 projects in north Utah County.

PROVO RESERVOIR CANAL ENCLOSURE

In early 2002 the Provo River Water Users Association requested the authority to enclose the Provo Reservoir Canal. In response to this request, Reclamation prepared an Environmental Assessment. The final EA and Finding of No Significant Impact on the canal enclosure were signed by Reclamation on April 30, 2003 (Reclamation 2003). Under this plan the Provo River Water Users Association would enclose the Provo Reservoir Canal. Under the ULS Proposed Plan, the ULS would deliver about 24,490 acre-feet of the total 30,000 acre-feet of ULS M&I water to Salt Lake County for treatment and distribution as a culinary supply via the enclosed Provo Reservoir Canal. The remaining 5,510 acre-feet of M&I water would be delivered via the Jordan Aqueduct. The water conserved by enclosing the Provo Reservoir Canal would total 8,000 acre-feet in seepage-loss savings. It is anticipated that the Provo Reservoir Canal enclosure project would receive Section 207 funding. However, enclosure of the PRC is not required in order for ULS M&I water to be conveyed in the PRC.

MITIGATION COMMISSION PROGRAM RELATING TO OPERATION OF PROVO RIVER

The Provo River watershed is a high priority resource area for the Utah Reclamation Mitigation and Conservation Commission (Mitigation Commission). Priority goals are to complete unfulfilled mitigation requirements of the Bonneville Unit and ongoing Title III projects. In order to facilitate planning for this program, the Provo River is subdivided into three distinct segments.

- Lower Provo River (Utah Lake to Deer Creek Dam)
- Middle Provo River (Deer Creek Dam to Jordanelle Dam)
- Upper Provo River (Jordanelle Dam to headwaters)

Lower Provo River - Deer Creek Dam to Utah Lake

The Commission's program for the lower Provo River contains a number of components including: study of instream flows; acquisition of water rights; June sucker recovery; stream restoration and changes to diversion dams, and water quality improvements. These components are discussed in the following sections of this Chapter.

Existing Minimum Instream Flows. There are two existing minimum instream flow requirements on the Lower Provo River. The first of these is a 100 cfs minimum flow from below the confluence of Deer Creek and the Provo River (just below Deer Creek Dam) to the Olmsted Diversion Dam. This requirement is met using natural flows of the Provo River, deliveries of Bonneville Unit and PRP water to Olmsted and the Provo Reservoir Canal, and (if necessary) by diverting PRP water at

Olmsted and pumping it back into the Salt Lake Aqueduct using the Transfer Pump. The location of Provo River minimum flow requirements are shown graphically on Figure 3-3.

The other minimum instream flow requirement on the Lower Provo River is a 25-cfs, winter-time only minimum flow between Olmsted Diversion Dam and Utah Lake. This minimum flow is met by natural flows, gains, and return flows of the Provo River, and by releases of Bonneville Unit water from Deer Creek and Jordanelle reservoirs.

High Flows Study. The Mitigation Commission initiated in 2002 the first phase of a comprehensive study to determine relationships among flow levels, aquatic habitat and other ecological functions on the Provo River System.

Acquisition of Water Rights. CUPCA Section 303(c)(4) states that "Upon the acquisition of the water rights in the Provo Drainage identified in Section 302, in the Provo River from the Olmsted Diversion to Utah Lake, a minimum of seventy-five cubic feet per second" shall be provided to the yield and operating plans for the Bonneville Unit of the Central Utah Project. The Act states the purchases would be limited to willing sellers below Heber Valley. Toward this goal, CUPCA has authorized funds for acquiring up to 25,000 acre-feet of water rights in the Utah Lake Drainage Basin. The District has acquired with Mitigation Commission funds irrigation company water shares representing about 3,300 acre-feet, which would allow such water to flow undiverted to Utah Lake, thereby increasing the summertime flow in the lower Provo River.

The Mitigation Commission is participating in the Utah Lake System to convey 16,000 acre-feet of Strawberry Reservoir water to the lower Provo River. This water will be released to assist in meeting the 75 cfs target flow and to meet deliveries to Utah Lake for the Jordanelle exchange.

June Sucker Recovery. The Mitigation Commission is participating with other Federal, State and Local entities in implementing reasonable and prudent alternatives for the restoration of the June sucker. Refer to discussion presented earlier on the JSRIP.

Stream Restoration and Changes to Diversions. This component includes planning for and implementing actions to improve the biotic, hydraulic and geomorphic conditions of the riverine and riparian system. This could include measures to combine, relocate or redesign and reconstruct diversion dams. Some potential water conservation projects might involve combining diversions, resulting in elimination of one or more structures. Ecological studies will identify possible modifications in selected reaches of the river channel to provide the diversity of habitat conditions necessary to support all life stages of aquatic biota including June sucker in the lower river.

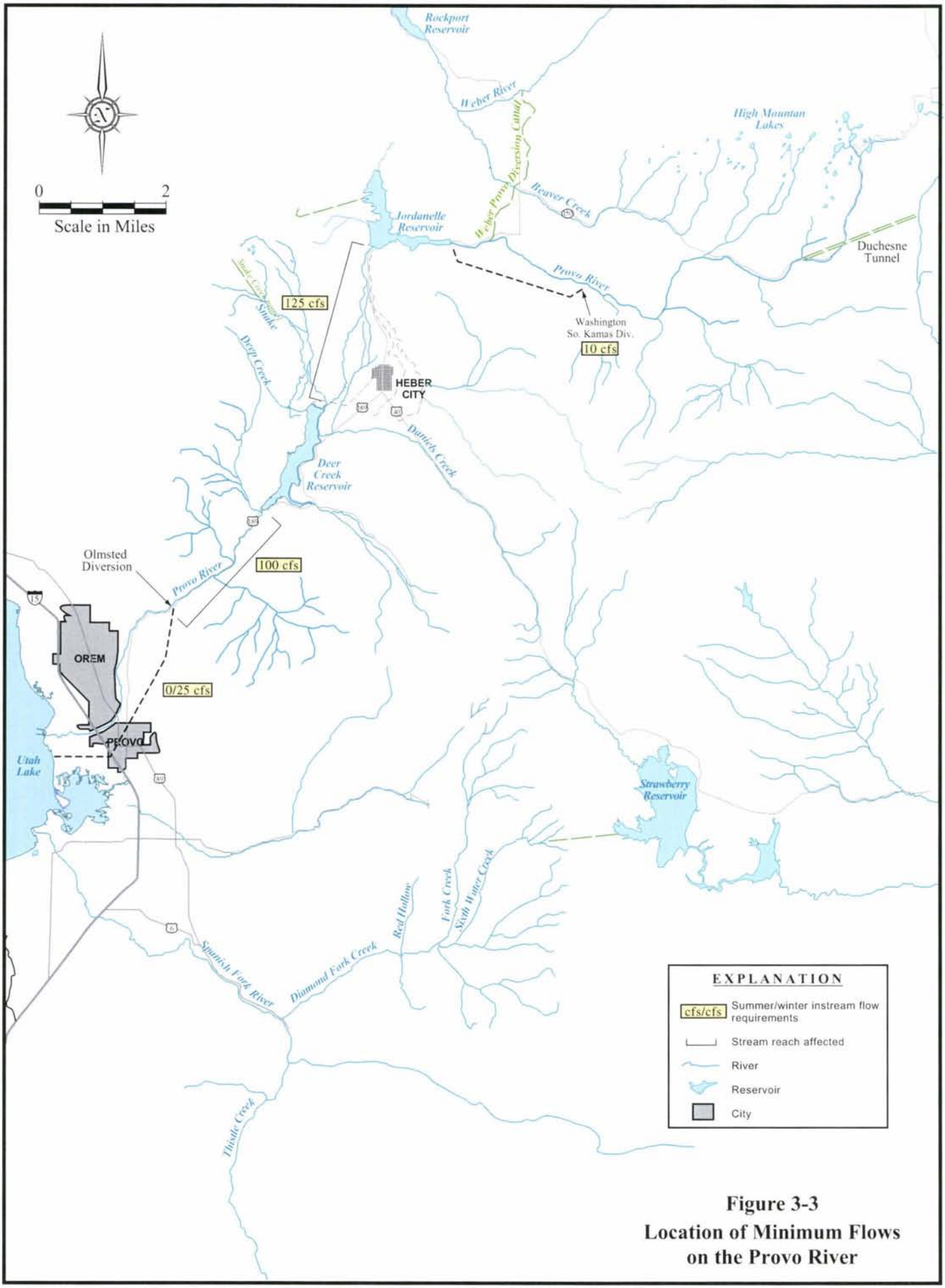

Figure 3-3
Location of Minimum Flows on the Provo River

Water Quality Improvements. The Mitigation Commission is working cooperatively with the Provo River Water Users Association, other water-user organizations and interested parties, in pursuit of agreements and measures to achieve better water quality in lower reaches of the Provo River. Measures may include changes to operation of Deer Creek Dam to increase dissolved oxygen content in releases during the summer months.

Middle Provo River - Deer Creek Reservoir to Jordanelle Dam

The Commission's program for the middle Provo River focuses on completion of unfulfilled mitigation requirements of the Bonneville Unit. Additionally, the Commission will continue cooperative efforts with the District, the U.S. Bureau of Reclamation and others to assure that instream flows and water quality requirements of the 1987 Final Supplement to the Final Environmental Impact Statement for the Bonneville Unit's Municipal and Industrial System are achieved. Those requirements are captured in the following projects.

Existing Minimum Instream Flows. There is an existing minimum instream flow requirement of 125 cfs on the Middle Provo River, between Jordanelle and Deer Creek. This requirement is met using natural flows, gains, and return flows of the Provo River, deliveries of Bonneville Unit and PRP water to downstream diversions, and transfers of Bonneville Unit and PRP water to Deer Creek Reservoir. The location of this Provo River minimum flow requirement is shown graphically on Figure 3-3.

Daniel Replacement Project. The Daniel Replacement Project has been completed. This project terminates the diversion of an annual average of 2,900 acre-feet of water from the upper Strawberry tributaries into Daniels Creek for irrigation in Wasatch County. The irrigation water is replaced by a delivery of 2,900 acre-feet from Jordanelle Reservoir. The 2,900 acre-feet of water left in the upper Strawberry tributaries flows into Strawberry Reservoir for downstream deliveries.

Fish and Riparian Habitat Restoration Project. In 1999, the Mitigation Commission began the Provo River Restoration Project (PRRP) between Jordanelle Dam and Deer Creek Reservoir to restore the middle Provo River's pattern and ecological function to a more natural condition. The project is expected to be completed in 2006. PRRP consists of restoring the straightened river channel to a meandering channel mimicking historic conditions, reconnecting the river to existing remnants of historic secondary channels, and constructing small side channels to recreate aquatic features.

Middle Provo River Diversion Dams. The 1987 Final Supplement to the Municipal and Industrial System committed the U.S. Bureau of Reclamation to be sure that instream flows released from Jordanelle Dam could be bypassed all the way to Deer Creek Reservoir. Some diversion dams in this reach are incapable of accurately measuring or delivering bypasses for instream flows. No funding, or responsible party, was identified for this item. The Commission's plan includes funding for this program element to implement the mitigation measures of the 1988 Definite Plan

Report. Modifications to these diversion dams will be implemented in concert with the selected action of the Provo River Restoration Project.

Upper Provo River - Jordanelle Reservoir To Headwaters

The following elements form the basis of the program for the upper Provo River relating to water operation.

Existing Minimum Instream Flows. There is an existing minimum instream flow requirement of 10 cfs on the Upper Provo River, below the Washington/South Kamas Diversion. This requirement is met using natural flows, gains, and return flows of the Provo River, transbasin diversions of PRP water from the Duchesne Tunnel, and releases of Bonneville Unit water from the Head of River Reservoirs. The location of this Upper Provo River minimum flow requirement is shown graphically on Figure 3-3.

Upper Provo River Reservoir Stabilization Project. This project is complete. The primary goal of the project is to stabilize 12 lakes, formerly used as irrigation storage facilities since the early 1900's, for fishery and recreation purposes. In addition to stabilizing the lakes at levels beneficial to fish and recreation, the project will mitigate impacts from heavy recreational use of the area by hardening dispersed camping areas and relocating trails away from fragile environmental resources. Water rights from the 12 lakes have been transferred downstream to Jordanelle Reservoir or to the three lakes in the upper Provo River drainage that are still used for irrigation water storage.

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MUNICIPAL AND INDUSTRIAL SYSTEM

Bonneville Unit M&I System conduits are currently in service and are delivering 50,000 acre-feet of Bonneville Unit M&I System water currently available for use as well as assisting in the distribution of Provo River Project water. Under full operation, the M&I System will deliver 70,000 acre-feet of Bonneville M&I water to Salt Lake County, 15,100 acre-feet of agricultural water to Summit and Wasatch counties, 2,400 acre-feet of M&I water to Wasatch County, and 20,000 acre-feet of M&I water to northern Utah County, for a total of 107,500 acre-feet per year. The M&I System is projected to reach full operation by 2009.

Bonneville Unit M&I System diversions provide M&I water to northern and central Utah County. The aggregate diversion for Salt Lake County is 70,000 acre-feet (average annual amount) which is divided among the Jordan Valley Water Conservancy District and the Metropolitan Water District of Salt Lake and Sandy. Table 4-1 shows the division of M&I System water.

Table 4-1
Bonneville Unit Municipal and Industrial System Water Allocation

		Bonneville Unit Water	
Petitioner	Use	Amount (acre-feet)	of Use (acre-feet)
Summit County Irrigators	Summit County Irrigation	3,000	3,000
Wasatch County Irrigators	Wasatch County Irrigation	12,100	9,200
	Daniel Replacement Project		2,900
Wasatch County M&I Users	Wasatch County M&I	2,400	2,400
North Utah County M&I Users	North Utah County M&I	20,000	17,125
	June Sucker RIP (Section 207)		2,875
Salt Lake County M&I Users	Salt Lake County M&I		
	Jordan Valley Water Conservancy District	50,000	50,000
	Metropolitan Water District of Salt Lake and Sandy	20,000	20,000
	Totals	107,500	107,500

WASATCH COUNTY WATER EFFICIENCY PROJECT

The Wasatch County Water Efficiency Project (WCWEP) is not, per se, a water supply project. It does not develop new, or additional supplies of water either for M&I or agricultural use. Instead, it uses the existing water supplies more efficiently, allowing water to be reallocated to meet environmental needs. In particular, WCWEP delivers Bonneville Unit M&I System water and natural flows of the Provo River to Heber Valley irrigation companies using pressurized sprinkler systems. Use of sprinklers rather than flood irrigation conserves sufficient water to allow 2,900 acre-feet of M&I System water to be delivered as a replacement supply to the Daniel Irrigation Company, and increases flow in Heber Valley streams by up to 22,900 acre-feet.

UTAH LAKE DRAINAGE BASIN WATER DELIVERY SYSTEM

Delivery to Lower Provo River

Up to 16,000 acre-feet of Bonneville Unit water would be delivered to the lower Provo River to assist in meeting the 75-cfs in-stream flow target. This water would be subsequently exchanged from Utah Lake to Jordanelle Reservoir. This water would be conveyed through the Spanish Fork–Provo Reservoir Canal Pipeline and discharged to the Provo River at the pipeline crossing when needed to make the Utah Lake–Jordanelle Reservoir exchange and when flows in the Provo River are less than 75 cfs. The interconnection between the ULS deliveries and the Provo River is shown schematically in Figure 4-1. The Provo River Discharge Structure would be located just downstream of the Upper Union Diversion, as shown on Figure 2-3. A minimum 75 cfs flow normally occurs in the river between the Olmsted and Murdock diversions during the summer months when releases are made from Deer Creek Reservoir for conveyance through the Provo Reservoir Canal and for downstream natural flow diversions. The pattern of delivery of the 16,000 acre-feet of ULS water is shown in Table 4-2.

Table 4-2
ULS DELIVERIES TO SUPPLEMENT THE LOWER PROVO RIVER

Estimated Average Deliveries to the Lower Provo River													
Deliveries in cfs													
Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
Average	36	18	18	17	13	8	9	41	19	17	31	37	22
Wet Years	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years	38	11	26	20	1	1	24	65	30	25	14	37	25
Deliveries in acre-feet													
Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Average	2,225	1,071	1,123	1,062	718	500	523	2,537	1,118	1,073	1,877	2,173	16,000
Wet Years	0	0	0	0	0	0	0	0	0	0	0	0	0
Dry Years	2,313	670	1,572	1,243	51	80	1,440	3,971	1,800	1,559	865	2,204	17,768

Wet Years: Average of flows from 1952, 1983, and 1986
Dry Years: Average of flows from 1961, 1977, and 1992

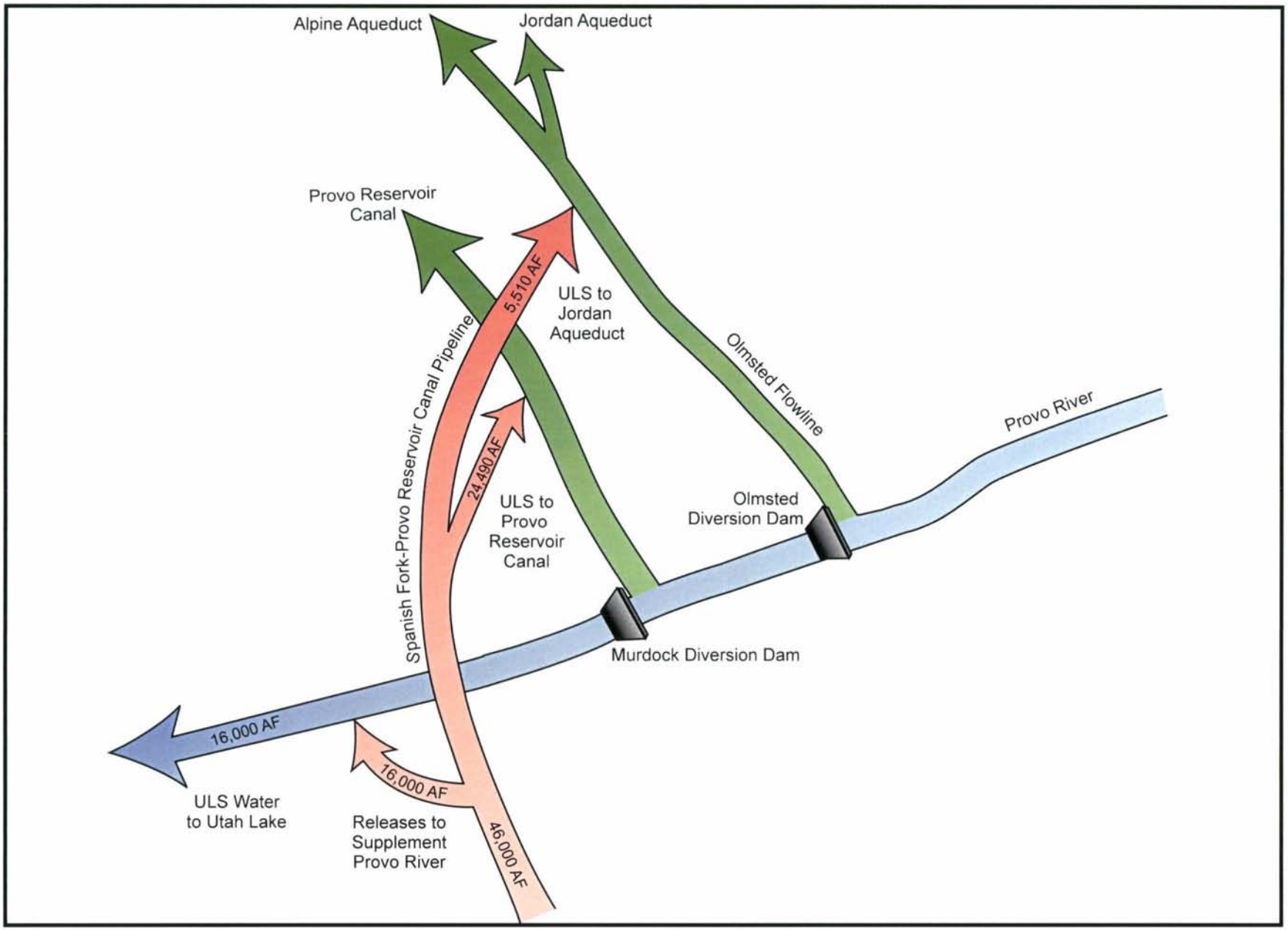


Figure 4-1
Utah Lake System Interconnections to the Provo River

Delivery to Provo Reservoir Canal

30,000 acre-feet of ULS M&I water would be conveyed to Salt Lake County through a combination of Jordan Aqueduct and enclosed Provo Reservoir Canal conveyance facilities to water treatment plants for treatment and culinary supply. This water would be delivered to Salt Lake County through the Spanish Fork–Provo Reservoir Canal Pipeline to the Provo Reservoir Canal and Jordan Aqueduct and then conveyed into Salt Lake County.

OTHER SECTION 207 PROJECT WATER

Other Section 207 project water would provide a total of 12,165 acre-feet of conserved water in the Provo River. This includes about 2,875 acre-feet of existing contracted Bonneville Unit M&I System water conserved from Section 207 projects in northern Utah County, about 1,000 acre-feet of water conserved from Section 207 piping of the Upper East Union and East River Bottom canals, about 290 acre-feet of water conserved from Section 207 piping of the Timpanogos Canal, and 8,000 acre-feet of water conserved by enclosing the Provo Reservoir Canal or other future 207 projects in north Utah County.

The following water quantities and sources comprise the water that would be released to the lower Provo River annually for June sucker spawning and rearing flows under the Preferred Alternative:

- 2,875 acre-feet Northern Utah County 207 project savings already assigned to DOI
- 1,000 acre-feet Upper East Union and East River Bottom canals piping to be assigned to DOI
- 290 acre-feet Timpanogos Canal piping already assigned to DOI
- 8,000 acre-feet Provo Reservoir Canal savings or other future 207 project savings to be assigned to DOI

12,165 acre-feet Total water released to the lower Provo River

MITIGATION COMMISSION ACQUISITION OF WATER RIGHTS

CUPCA Section 303(c)(4) states that "Upon the acquisition of the water rights in the Provo Drainage identified in section 302, in the Provo River from the Olmsted Diversion to Utah Lake, a minimum of seventy-five cubic feet per second" shall be provided from the yield and operating plans for the Bonneville Unit of the CUP. The Act states the purchases would be limited to willing sellers below Heber Valley. Toward this goal, CUPCA has authorized funds for acquiring up to 25,000 acre-feet of water rights in the Utah Lake Drainage Basin. The District has acquired with Mitigation Commission funds irrigation company water shares representing about 3,300 acre-feet, which would allow such water to flow undiverted to Utah Lake, thereby increasing the summertime flow in the lower Provo River.

This water comes from the following sources:

- Timpanogos Canal Section 207 Project 714 acre-feet
- Timpanogos Canal Water Rights 223 acre-feet

• Upper East Union Canal Water Rights	93 acre-feet
• East River Bottom Canal Water Rights	474 acre-feet
• Fort Field/Little Dry Creek Water Stock	295 acre-feet
• Provo Bench/Tanner Deed Water Stock	353 acre-feet
• West Union/West Smith Water Stock	925 acre-feet
• North Union/Tanner Deed Water Stock	223 acre-feet
Total	3,300 acre-feet

Unlike the Section 207 project water, none of the water acquired by the Mitigation Commission is storage water and thus it cannot be regulated by reservoir operations. Instead, the water would be allowed to flow past the diversion location associated with the original water right or share, and the water would continue to flow to Utah Lake. Figure 4-2 displays how the individual elements would combine to increase the flow of the lower Provo River. This water would increase the flow in the river only during the April 1 to October 31 summer irrigation season because these are irrigation water rights. The accumulation of conserved water flowing to Utah Lake is shown on Figure 4-2. An appropriate filing with the State Engineer will be made to implement this action.

Table of Net Change on Utah Lake

Water Purchase	Volume	Baseline Return Flow	Net Impact
Timpanogos Canal Section 207 Water	714	714	0
Timpanogos Canal Water Rights Purchase	223	112	111
Provo Bench/Tanner Deed Water Stock	353	177	176
North Union/Tanner Deed Water Stock	223	112	111
Upper East Union Water Rights Purchase	93	47	46
East River Bottom Water Rights Purchase	474	237	237
West Union/West Smith Water Stock	925	463	462
Fort Field/Little Dry Creek Water Rights Purchase	295	148	147
Total	**3,300**	**2,010**	**1,290**

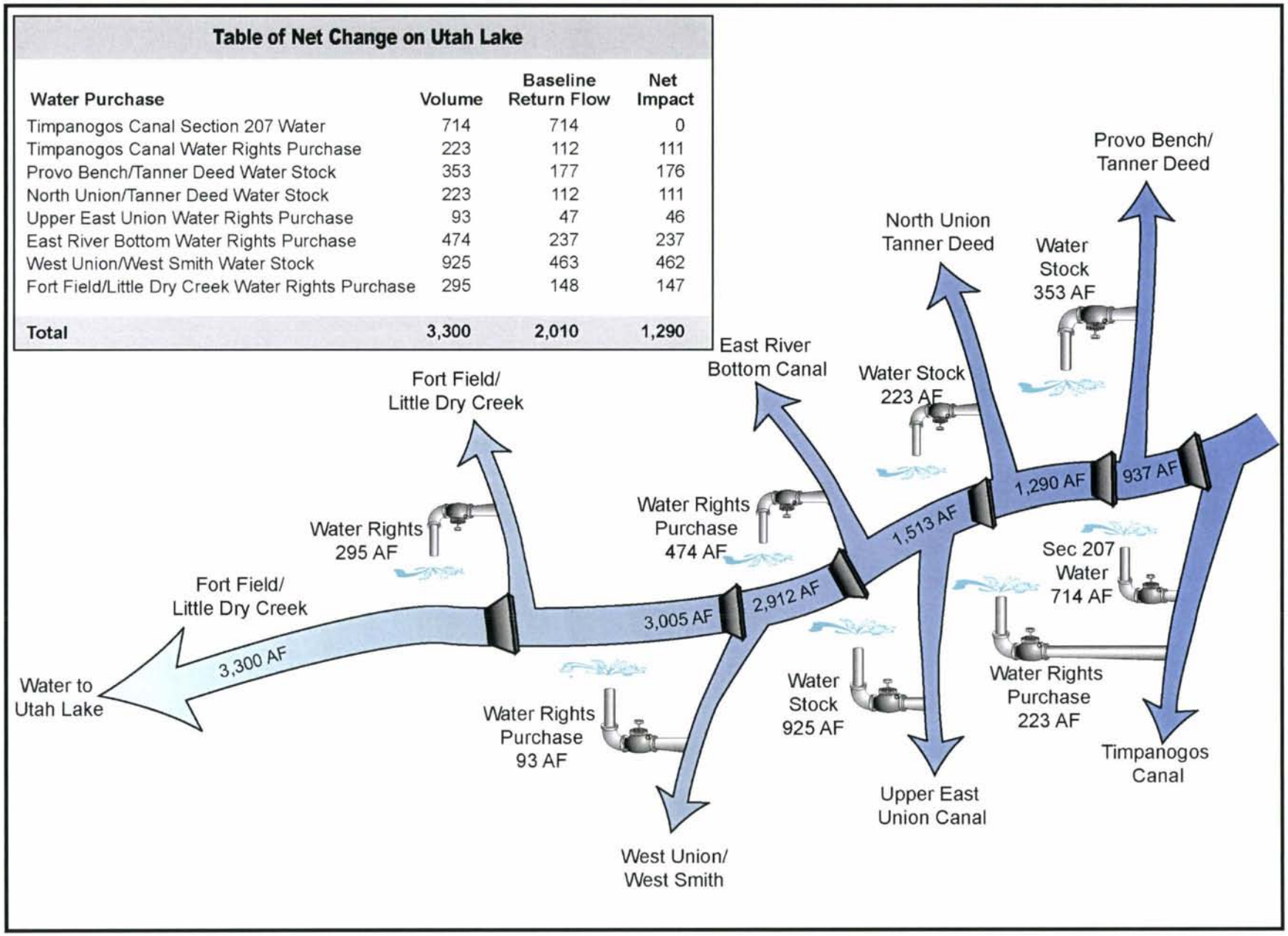


Figure 4-2
Water Acquired With Mitigation Commission Funds
For 75-cfs Target Flow in the Lower Provo River

Central Utah Project Completion Program

Chapter 5

October 2004

UTAH RECLAMATION
MITIGATION
AND CONSERVATION
COMMISSION

The following sections summarize the results of the operational analysis for average, wet, and dry year conditions (in terms of natural runoff) in the Provo River Basin. The wet-year analysis is based on the three wettest years of record, which were 1952, 1983, and 1986. The dry-year analysis is based on the three driest years of record, which were 1961, 1977, and 1992. The modeled results from the three wettest years were averaged to calculate the wet-year values presented below; the dry-year values were similarly averaged. The average flow listed is the average of all 50 monthly values for each month shown.

The reservoir storage volumes and water levels are presented as end-of-month values. The streamflows and deliveries are presented as monthly totals (in acre-feet) or average values in cfs, essentially by dividing the discharge in acre-feet during the month by the number of days in the month and then converting to the flow rate in cubic-feet per second (cfs).

Analysis of Bonneville Unit operations on the Provo River produced river flows at nine locations and diversions at six locations. In addition, the analysis sub-divided all flows and diversions into three types or ownerships of water, Central Utah Project (or Bonneville Unit), Provo River Project, and Non-Project. The summaries included below only document total streamflows and Bonneville Unit diversions. Average monthly streamflows are listed in Table 5-1 on the next two pages. Complete tables of all model results are included in Attachment A (Provo River Flows by Ownership) and Attachment B (Provo River Spreadsheet Model Printout).

Streamflow data are provided at the following locations:

1) Provo River release from Jordanelle
2) Provo River from Timpanogos Diversion to River Ditch
3) Provo River from River Ditich to Snake Creek
4) Provo River from Snake Creek to inlet of Deer Creek Reservoir
5) Provo River from outlet of Deer Creek Reservoir to North Fork of Provo River
6) Provo River from North Fork to Olmsted
7) Provo River from Olmsted Diversion Dam to Murdock Diversion Dam
8) Provo River from Murdock Diversion Dam to Interstate 15
9) Provo River from Interstate 15 to Utah Lake

Diversion and delivery data are provided for the following:

1) Average deliveries through the Salt Lake Aqueduct
2) Average diversions into the Olmsted Flowline
3) Average diversions into the Provo Reservoir Canal
4) Average deliveries of ULS water to Jordan Aqueduct
5) Average deliveries of ULS water to Provo Reservoir Canal

Reservoir data are provided for –

1) Jordanelle Reservoir Storage Volumes and Water Levels
2) Deer Creek Reservoir Storage Volumes and Water Levels

Table 5-1
PROVO RIVER FLOWS UNDER BONNEVILLE UNIT OPERATIONS

Estimated Average Provo River Release from Jordanelle Reservoir
Flows in cfs

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
Average	157	144	141	138	141	186	206	648	909	634	482	330	344
Wet Years	151	159	145	142	177	840	300	909	1,519	630	396	335	476
Dry Years	159	142	135	137	134	137	162	383	383	437	375	280	239

Flows in acre-feet

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Average	9,655	8,575	8,676	8,482	7,888	11,453	12,250	39,859	54,085	38,979	29,651	19,635	249,188
Wet Years	9,275	9,439	8,925	8,731	9,945	51,645	17,828	55,867	90,410	38,712	24,336	19,928	345,041
Dry Years	9,775	8,422	8,288	8,453	7,514	8,409	9,664	23,527	22,803	26,879	23,068	16,662	173,464

Estimated Average Provo River Flows from Timpanogos Diversion to River Ditch
Flows in cfs

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
Average	153	144	141	138	141	186	204	622	872	581	435	307	328
Wet Years	147	159	145	142	177	840	299	891	1,486	580	340	313	461
Dry Years	155	142	135	137	134	137	161	367	351	396	339	263	227

Flows in acre-feet

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Average	9,426	8,575	8,676	8,482	7,888	11,453	12,135	38,273	51,897	35,752	26,721	18,249	237,527
Wet Years	9,046	9,439	8,925	8,731	9,945	51,645	17,772	54,763	88,395	35,670	20,889	18,631	333,851
Dry Years	9,546	8,422	8,288	8,453	7,514	8,409	9,576	22,580	20,889	24,353	20,840	15,620	164,490

Estimated Average Provo River Flows from River Ditch to Snake Creek
Flows in cfs

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
Average	127	136	130	129	135	185	185	478	693	410	299	218	261
Wet Years	125	158	130	131	178	842	307	812	1,308	403	195	220	401
Dry Years	128	132	127	128	130	128	129	251	240	266	245	188	175

Flows in acre-feet

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Average	7,794	8,082	7,975	7,930	7,579	11,349	11,033	29,381	41,253	25,196	18,407	12,997	188,976
Wet Years	7,686	9,423	7,974	8,079	9,953	51,748	18,238	49,896	77,803	24,751	11,985	13,080	290,617
Dry Years	7,868	7,830	7,829	7,853	7,280	7,867	7,679	15,423	14,307	16,362	15,075	11,173	126,546

Estimated Average Provo River Flows from Snake Creek to Inlet of Deer Creek Reservoir
Flows in cfs

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
Average	242	268	228	224	232	281	270	557	804	513	427	356	367
Wet Years	286	348	246	237	320	982	514	1,003	1,394	522	368	411	553
Dry Years	218	244	224	211	217	198	173	306	322	322	348	279	255

Flows in acre-feet

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Average	14,870	15,938	14,036	13,790	12,970	17,260	16,064	34,265	47,859	31,573	26,229	21,168	266,021
Wet Years	17,578	20,725	15,102	14,549	17,929	60,351	30,589	61,678	82,971	32,089	22,596	24,467	400,624
Dry Years	13,395	14,542	13,792	12,989	12,204	12,172	10,279	18,813	19,130	19,801	21,375	16,626	185,118

Estimated Average Provo River Flows from Outlet of Deer Creek Reservoir to North Fork of Provo River
Flows in cfs

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
Average	165	106	105	105	119	186	305	798	904	648	542	448	370
Wet Years	123	111	104	100	202	1,078	637	1,293	1,610	821	524	473	591
Dry Years	152	101	100	101	103	108	250	493	396	443	464	321	253

Flows in acre-feet

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Average	10,117	6,321	6,449	6,459	6,639	11,421	18,150	49,066	53,816	39,840	33,320	26,666	268,263
Wet Years	7,544	6,617	6,408	6,149	11,269	66,298	37,877	79,482	95,794	50,489	32,199	28,155	428,282
Dry Years	9,343	6,037	6,149	6,183	5,769	6,624	14,903	30,308	23,554	27,207	28,503	19,079	183,659

TABLE 5-1 (Continued)

Estimated Average Provo River Flows from North Fork of Provo River to Olmsted Diversion Dam

Flows in cfs

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
Average	178	121	117	115	129	197	327	856	972	694	569	469	396
Wet Years	153	124	128	121	230	1,105	685	1,380	1,763	905	578	503	641
Dry Years	158	113	109	109	110	115	260	511	406	458	472	337	264

Flows in acre-feet

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Average	10,942	7,179	7,164	7,093	7,197	12,136	19,429	52,621	57,830	42,644	35,006	27,915	287,155
Wet Years	9,405	7,381	7,851	7,469	12,824	67,937	40,759	84,856	104,873	55,643	35,540	29,941	464,479
Dry Years	9,702	6,748	6,718	6,674	6,189	7,085	15,478	31,407	24,180	28,135	29,013	20,070	191,399

Estimated Average Provo River Flows from Olmsted Diversion Dam to Murdock Diversion Dam

Flows in cfs

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
Average	113	70	57	55	72	148	287	765	813	430	299	281	283
Wet Years	119	84	88	77	211	1,079	707	1,338	1,642	687	345	343	561
Dry Years	84	53	42	43	50	37	157	323	213	123	157	155	120

Flows in acre-feet

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Average	6,967	4,167	3,488	3,369	4,031	9,112	17,089	47,021	48,369	26,459	18,398	16,725	205,196
Wet Years	7,295	5,009	5,421	4,742	11,735	66,324	42,061	82,271	97,688	42,262	21,182	20,398	406,389
Dry Years	5,137	3,181	2,559	2,648	2,806	2,254	9,345	19,870	12,663	7,557	9,666	9,225	86,910

Estimated Average Provo River Flows from Murdock Diversion Dam to Interstate 15

Flows in cfs

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
Average	129	90	77	74	86	158	251	553	563	231	196	182	216
Wet Years	100	86	92	80	215	1,083	707	1,204	1,381	347	153	147	467
Dry Years	108	67	69	65	52	39	137	189	130	104	136	138	103

Flows in acre-feet

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Average	7,914	5,363	4,722	4,524	4,833	9,717	14,926	34,004	33,506	14,174	12,080	10,818	156,582
Wet Years	6,145	5,122	5,633	4,893	11,970	66,568	42,097	74,011	82,200	21,312	9,423	8,741	338,114
Dry Years	6,624	3,957	4,225	3,971	2,924	2,409	8,160	11,629	7,717	6,379	8,361	8,186	74,543

Estimated Average Provo River Flows from Interstate 15 to Utah Lake

Flows in cfs

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
Average	77	94	75	69	81	153	222	445	433	110	61	62	157
Wet Years	87	85	95	81	212	1,082	719	1,145	1,276	210	27	21	420
Dry Years	56	60	59	57	45	29	82	107	74	46	77	50	62

Flows in acre-feet

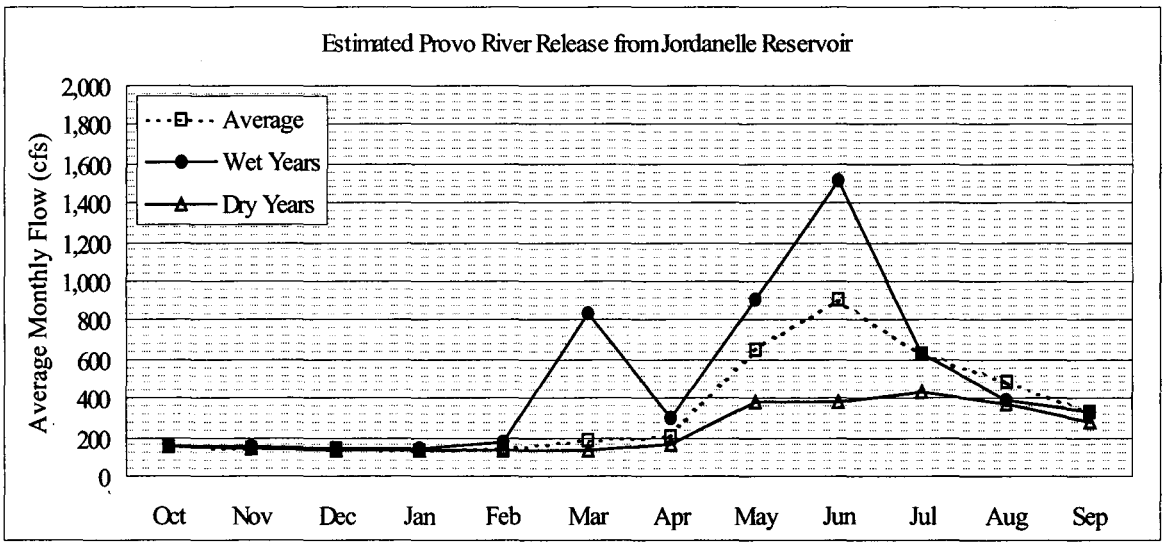
Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Average	4,735	5,589	4,581	4,252	4,535	9,421	13,223	27,362	25,774	6,791	3,744	3,694	113,702
Wet Years	5,334	5,075	5,839	4,957	11,815	66,557	42,761	70,381	75,922	12,891	1,676	1,229	304,437
Dry Years	3,466	3,561	3,638	3,516	2,554	1,801	4,879	6,558	4,410	2,833	4,763	2,963	44,944

Wet Years: Average of flows from 1952, 1983, and 1986
Dry Years: Average of flows from 1961, 1977, and 1992

PROVO RIVER RELEASE FROM JORDANELLE

The simulated average streamflow for the 50-year period 1950-1999 is 249,189 acre-feet or 344 cfs. The flow ranges from 125 cfs to a maximum of 1,643 cfs. Wet year flow averages 345,041 acre-feet. Dry year flow averages 173,463 acre-feet. There are no quantified diversions in this reach. Average monthly streamflow results are listed in Table 5-1, and displayed graphically in Figure 5-1.

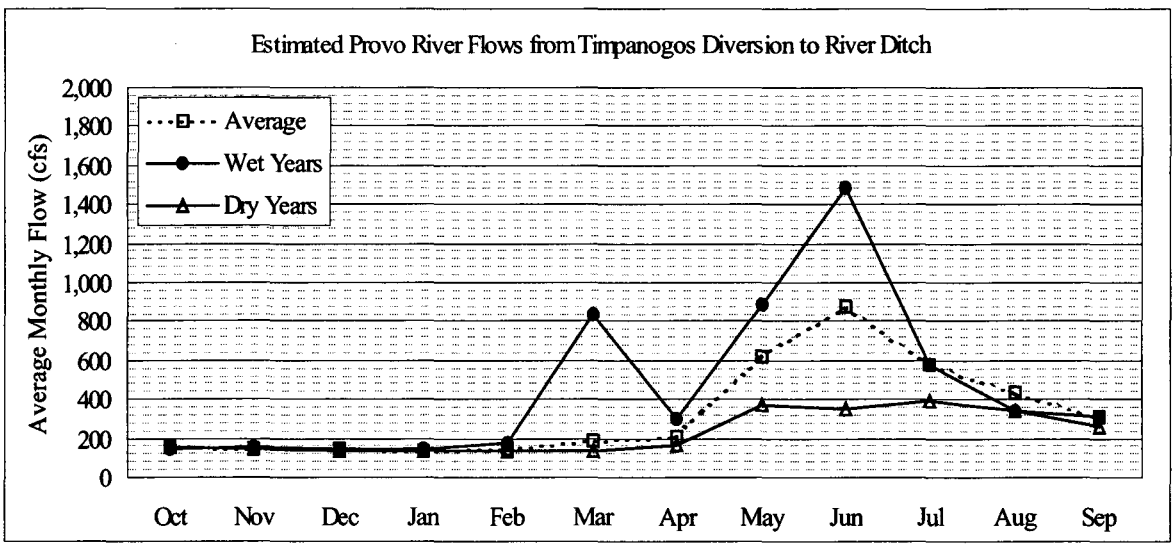
Figure 5-1
Estimated Provo River Release from Jordanelle Reservoir Under Bonneville Unit



PROVO RIVER FROM TIMPANOGOS DIVERSION TO RIVER DITCH

The simulated average streamflow for the 50-year period 1950-1999 is 237,529 acre-feet or 328 cfs. The flow ranges from 125 cfs to a maximum of 1,613 cfs. Wet year flow averages 333,850 acre-feet. Dry year flow averages 164,490 acre-feet. The Timpanogos Diversions averages 11,660 acre-feet, of which 4,530 is Bonneville Unit water. Average monthly streamflow results are listed in Table 5-1, and displayed graphically in Figure 5-2.

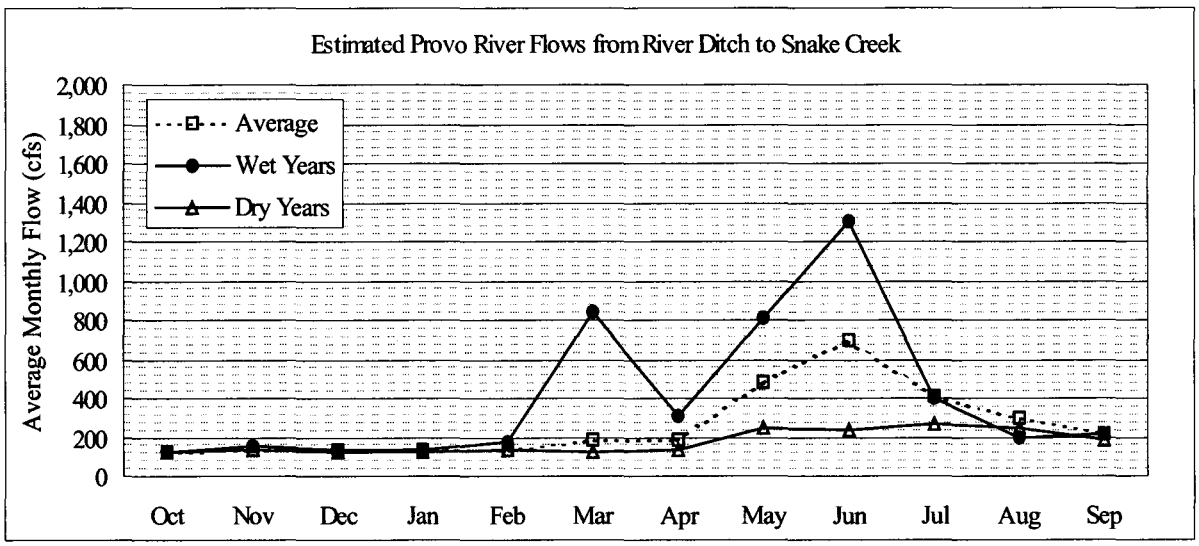
Figure 5-2
Estimated Provo River Flows from Timpanogos Diversion to River Ditch Under Bonneville Unit



PROVO RIVER FROM RIVER DITCH TO SNAKE CREEK

The simulated average streamflow for the 50-year period 1950-1999 is 188,976 acre-feet or 261 cfs. The flow ranges from 125 cfs to a maximum of 1,441 cfs. Wet year flow averages 290,617 acre-feet. Dry year flow averages 126,546 acre-feet. The River Ditch Diversion of Bonneville Unit water averages 9,970 acre-feet. Average monthly streamflow results are listed in Table 5-1, and displayed graphically in Figure 5-3.

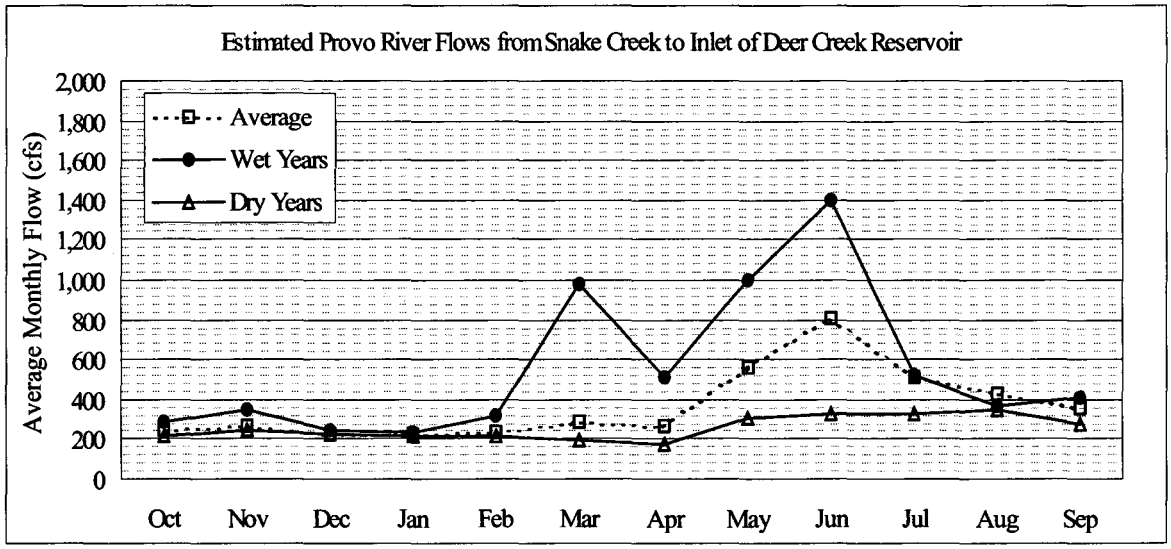
Figure 5-3
Estimated Provo River Flows from River Ditch to Snake Creek under Bonneville Unit



PROVO RIVER FROM SNAKE CREEK TO INLET OF DEER CREEK RESERVOIR

The simulated average streamflow for the 50-year period 1950-1999 is 266,021 acre-feet or 367 cfs. The flow ranges from 125 cfs to a maximum of 1,571 cfs. Wet year flow averages 400,624 acre-feet. Dry year flow averages 185,118 acre-feet. There are no quantified diversions in the reach. Average monthly streamflow results are listed in Table 5-1, and displayed graphically in Figure 5-4.

Figure 5-4
Estimated Provo River Flows from Snake Creek to Inlet of Deer Creek Reservoir Under Bonneville Unit



PROVO RIVER FROM OUTLET OF DEER CREEK RESERVOIR TO NORTH FORK

The simulated average streamflow for the 50-year period 1950-1999 is 268,263 acre-feet or 370 cfs. The flow ranges from 100 cfs to a maximum of 1,765 cfs. Wet year flow averages 428,282 acre-feet. Dry year flow averages 183,659 acre-feet. The Salt Lake Aqueduct diverts an average of 54,594 acre-feet of PRP water above this reach. Average monthly streamflow results are listed in Table 5-1, and displayed graphically in Figure 5-5. Salt Lake Aqueduct deliveries are shown in Table 5-2.

Figure 5-5
Estimated Provo River Flows from Outlet of Deer Creek Reservoir to North Fork of Provo River Under Bonneville Unit

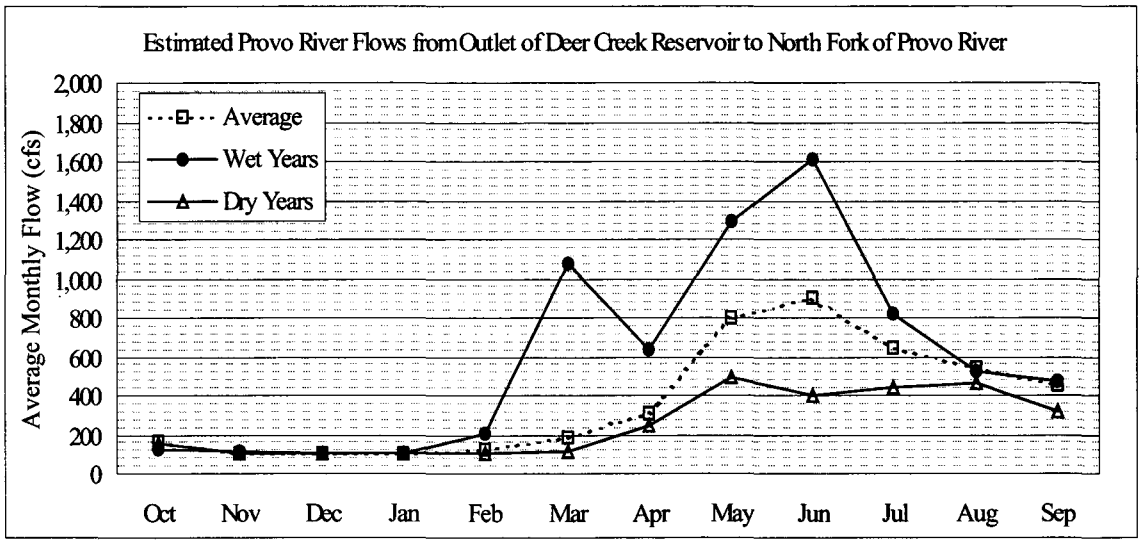


Table 5-2
PROVO RIVER DELIVERIES UNDER BONNEVILLE UNIT OPERATIONS

Estimated Average Deliveries through Salt Lake Aqueduct
Deliveries in cfs

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
Average	87	70	59	50	45	46	18	41	129	114	120	123	75
Wet Years	99	75	66	58	62	64	19	41	129	119	125	130	82
Dry Years	41	61	35	22	19	20	10	41	129	46	42	59	44

Deliveries in acre-feet

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Average	5,360	4,186	3,631	3,075	2,516	2,814	1,060	2,530	7,700	7,022	7,394	7,306	54,594
Wet Years	6,100	4,490	4,038	3,573	3,453	3,910	1,150	2,530	7,700	7,290	7,700	7,710	59,644
Dry Years	2,534	3,630	2,145	1,327	1,039	1,232	617	2,530	7,700	2,819	2,600	3,526	31,698

Estimated Average Diversions into Olmsted Aqueduct
Diversions in cfs

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
Average	110	76	79	87	86	78	97	285	368	400	376	307	197
Wet Years	109	69	73	80	71	74	78	258	386	386	368	325	188
Dry Years	118	81	84	84	89	84	115	300	378	416	392	329	187

Diversions in acre-feet

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Average	6,737	4,566	4,919	5,364	4,786	4,836	5,708	17,567	21,945	24,751	23,179	18,406	142,765
Wet Years	6,305	4,238	4,763	5,106	4,015	3,857	1,877	13,711	22,505	25,445	24,387	20,266	136,474
Dry Years	6,267	5,284	5,799	5,409	4,795	6,242	7,951	18,845	16,364	22,501	21,392	14,554	135,403

Estimated Average Diversions into Provo Reservoir Canal (excluding ULS water)
Diversions in cfs

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
Average	53	0	0	0	0	0	46	125	179	188	165	130	74
Wet Years	55	0	0	0	0	0	37	103	184	236	191	151	80
Dry Years	44	0	0	0	0	0	36	105	129	112	107	90	52

Diversions in acre-feet

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Average	3,260	0	0	0	0	0	2,716	7,673	10,640	11,548	10,162	7,755	53,754
Wet Years	3,395	0	0	0	0	0	2,227	6,319	10,976	14,532	11,737	8,960	58,145
Dry Years	2,703	0	0	0	0	0	2,171	6,466	7,656	6,882	6,565	5,358	37,800

Estimated Average Deliveries of ULS water into the Jordan Aqueduct
Deliveries in cfs

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
Average	0	0	0	0	0	0	0	0	0	0	0	0	0
Wet Years	0	20	20	15	17	20	0	0	0	0	0	0	8
Dry Years	0	20	20	15	17	20	0	0	0	0	0	0	8

Deliveries in acre-feet

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Average	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
Wet Years	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
Dry Years	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510

Estimated Average Deliveries of ULS water into Provo Reservoir Canal
Deliveries in cfs

Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
Average	35	0	0	0	0	0	31	44	75	82	78	61	34
Wet Years	35	0	0	0	0	0	31	44	75	82	78	61	34
Dry Years	35	0	0	0	0	0	31	44	75	82	78	61	34

Deliveries in acre-feet

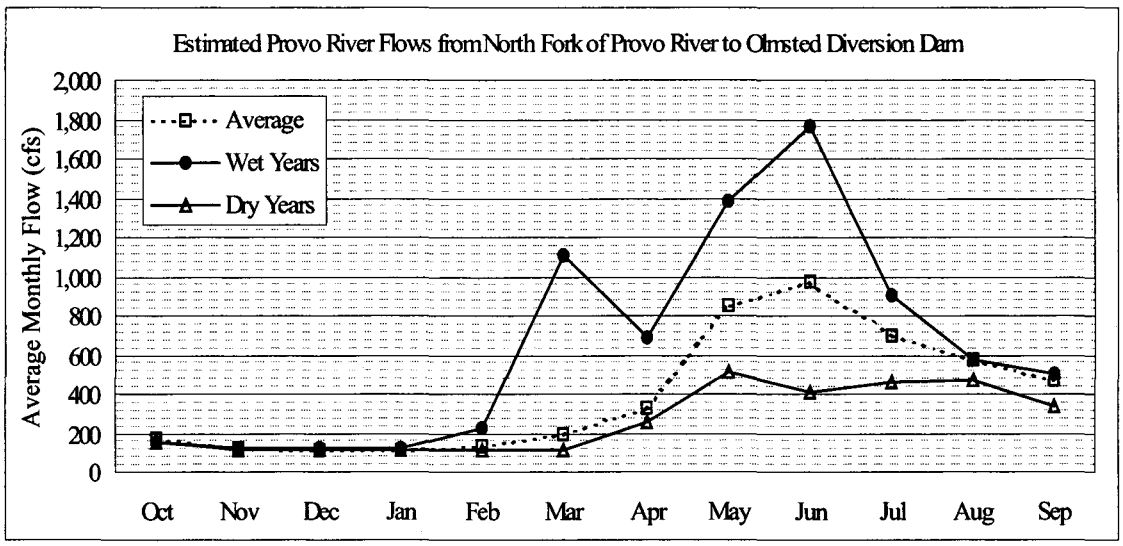
Year Type	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Average	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
Wet Years	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
Dry Years	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490

Wet Years: Average of flows from 1952, 1983, and 1986
Dry Years: Average of flows from 1961, 1977, and 1992

PROVO RIVER FROM NORTH FORK TO OLMSTED

The simulated average streamflow for the 50-year period 1950-1999 is 287,155 acre-feet or 396 cfs. The flow ranges from 102 cfs to a maximum of 1,899 cfs. Wet year flow averages 464,479 acre-feet. Dry year flow averages 191,399 acre-feet. There are no quantified diversions in the reach. Average monthly streamflow results are listed in Table 5-1, and displayed graphically in Figure 5-6.

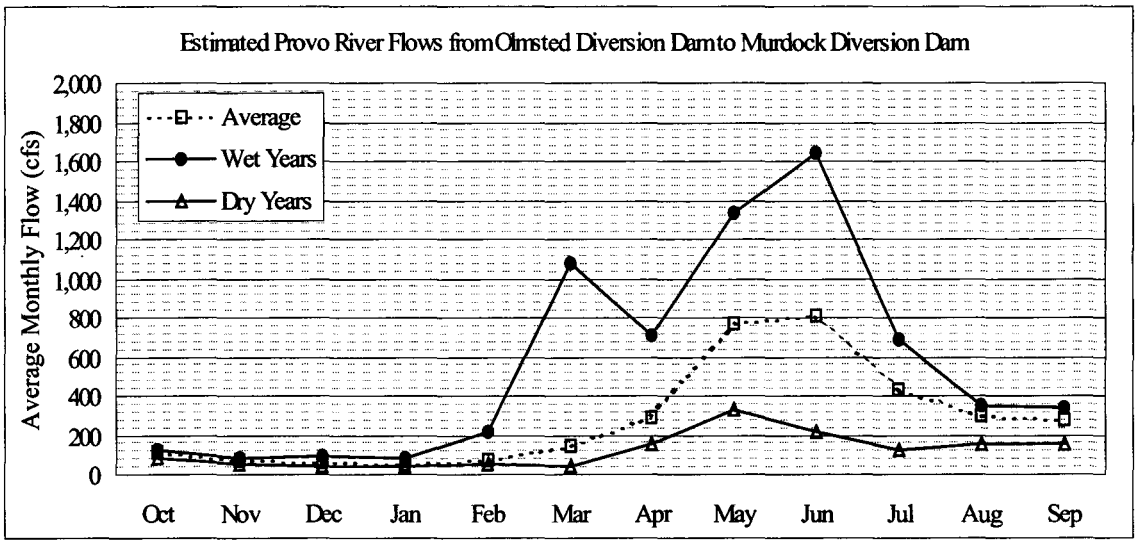
Figure 5-6
Estimated Provo River Flows from North Fork of Provo River to Olmsted Diversion Dam Under Bonneville Unit



PROVO RIVER FROM OLMSTED DIVERSION DAM TO MURDOCK DIVERSION DAM

The simulated average streamflow for the 50-year period 1950-1999 is 205,196 acre-feet or 287 cfs. The flow ranges from 27 cfs to a maximum of 1,790 cfs. Wet year flow averages 406,389 acre-feet. Dry year flow averages 86,910 acre-feet. The Olmsted Aqueduct diverts an average of 142,765 acre-feet, including 87,125 of Bonneville Unit and 17,991 acre-feet of PRP water. Average monthly streamflow results are listed in Table 5-1, and displayed graphically in Figure 5-7. Olmsted Flowline diversions are shown in Table 5-2, as are deliveries from the ULS System into the Jordan Aqueduct.

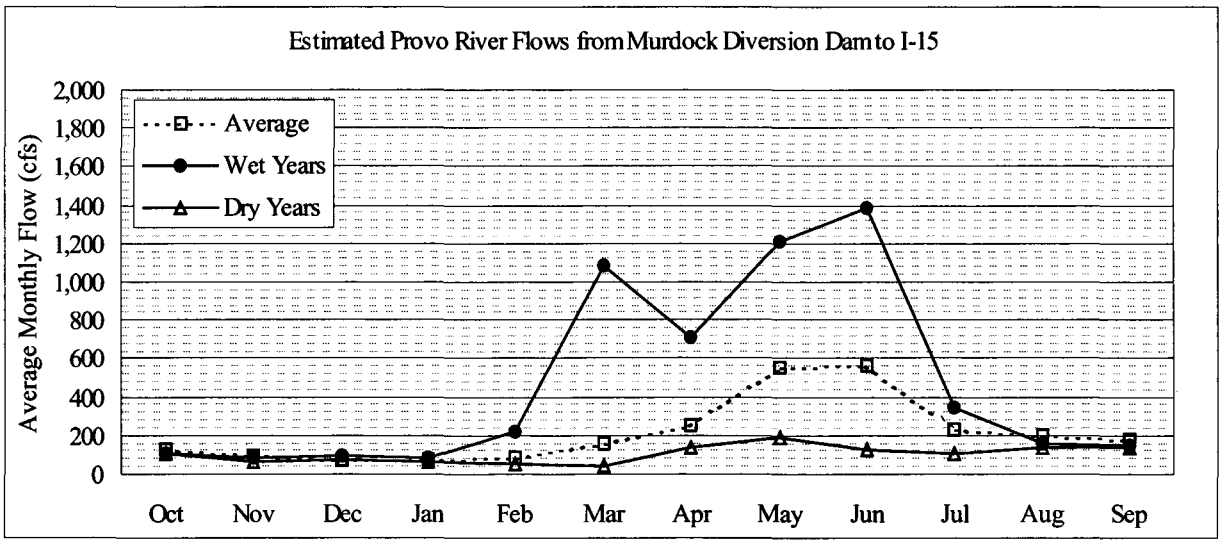
Figure 5-7
Estimated Provo River Flows from Olmsted Diversion Dam to Murdock Diversion Dam Under Bonneville Unit



PROVO RIVER FROM MURDOCK DIVERSION DAM TO INTERSTATE 15

The simulated average streamflow for the 50-year period 1950-1999 is 156,582 acre-feet or 216 cfs. The flow ranges from 28 cfs to a maximum of 1,566 cfs. Wet year flow averages 338,114 acre-feet. Dry year flow averages 74,543 acre-feet. The Provo Reservoir Canal diverts an average of 53,754 acre-feet of Provo River water. It also conveys 24,490 acre-feet of Bonneville Unit water from Strawberry Reservoir. One mile below this location the Spanish Fork-Provo Reservoir Canal Pipeline releases 16,000 acre-feet of Bonneville Unit water from Strawberry Reservoir into the Provo River. Average monthly streamflow results (including the 16,000 acre-feet of ULS water) are listed in Table 5-1, and displayed graphically in Figure 5-8. Provo Reservoir Canal diversions are shown in Table 5-2. ULS deliveries to the Provo Reservoir Canal are shown on Table 5-2.

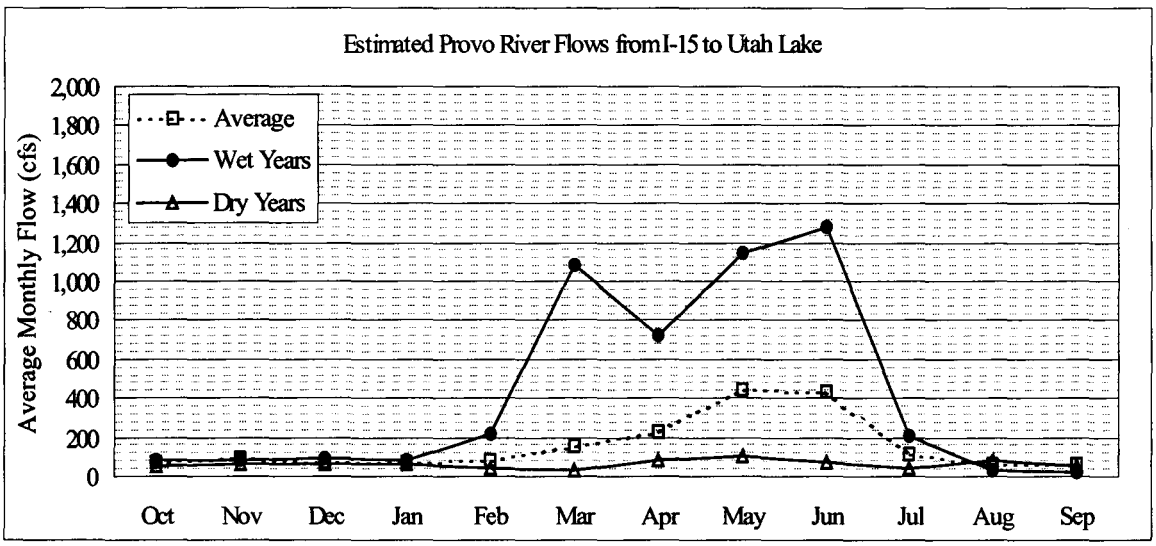
Figure 5-8
Estimated Provo River Flows from Murdock Diversion Dam to I-15
Under Bonneville Unit



PROVO RIVER FROM INTERSTATE 15 TO UTAH LAKE

The simulated average streamflow for the 50-year period 1950-1999 is 113,702 acre-feet or 157 cfs. The flow ranges from 6 cfs to a maximum of 1,575 cfs. Wet year flow averages 304,437 acre-feet. Dry year flow averages 44,944 acre-feet. The Provo Bench Canal diverts an average of 2,341 acre-feet of PRP water. Streamflows under the Bonneville Unit in this reach include 12,165 acre-feet of conserved June sucker water and 3,300 acre-feet of Mitigation Commission water purchases toward the 75-cfs target flow, in addition to the 16,000 acre-feet of ULS water. Average monthly streamflow results are listed in Table 5-1, and displayed graphically in Figure 5-9.

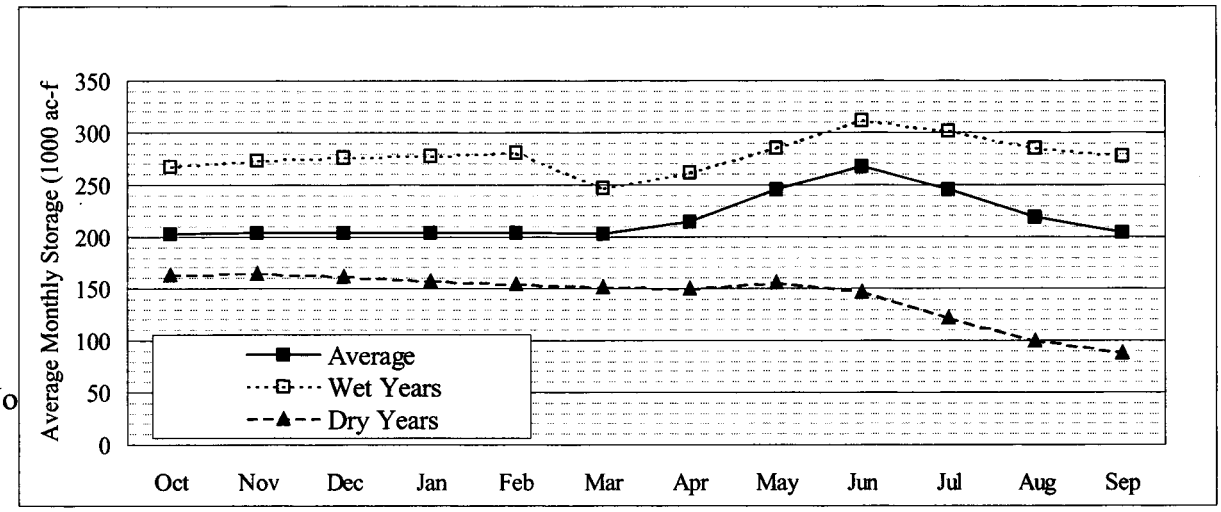
Figure 5-9
Estimated Provo River Flows from I-15 to Utah Lake Under Bonneville Unit



JORDANELLE RESERVOIR STORAGE VOLUMES AND WATER LEVELS

The total water supply capacity of Jordanelle Reservoir is 314,006 acre-feet, which includes a dead storage pool of 3,000 acre-feet. The model analysis indicated that during average water years the reservoir storage would be approximately 200,000 acre-feet during the fall and winter and that the seasonal runoff would increase the storage to approximately 264,000 acre-feet in June, after which releases would exceed inflow and the volume in storage would decline. Figure 5-10 shows a plot of the monthly average storage content. In wet years, the volume of water varied between approximately 272,000 to 279,000 acre-feet in the winter and the seasonal runoff would increase the storage to approximately 310,500 acre-feet in June, after which the volume in storage would decline. In dry years, the maximum volume of water rose to approximately 156,200 acre-feet in November and declined to approximately 77,700 acre-feet at the end of September.

Figure 5-10
Jordanelle Reservoir Monthly Volumes under Bonneville Unit



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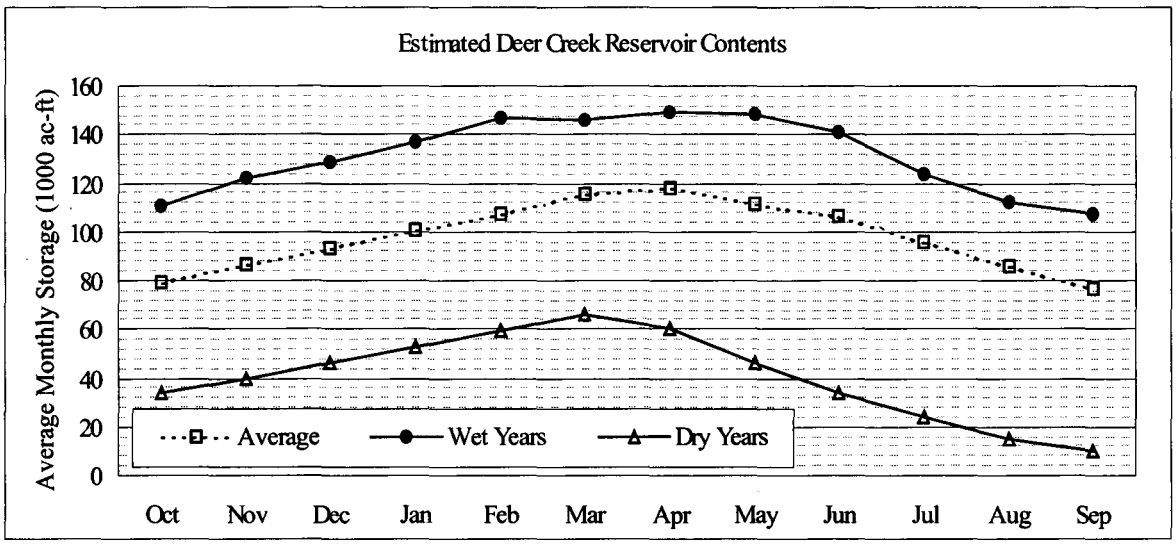
Jordanelle Reservoir water levels would vary with the storage volumes presented above. The water level at full conservation pool is 6,166.4 feet (above mean sea level). In average years the water level during the winter months would range between 6114 and 6117 feet, and would then rise to approximately 6147 feet by the end of June, after which it would decline to its winter levels. During wet years, the water level during the winter months would range between 6151 and 6155 feet, and would then rise to approximately 6165 feet by the end of June, after which it would decline to its winter levels. During dry years, the water level during the winter months would range between 6093 and 6099 feet, and would then decline gradually to approximately 6089 feet by the end of June and to approximately 6084 feet by the end of September, after which it would rise sharply to its winter levels.

DEER CREEK RESERVOIR STORAGE VOLUMES AND WATER LEVELS

The total water supply capacity of Deer Creek Reservoir is 152,564 acre-feet, which includes a dead storage pool of about 2,864 acre-feet. The model analysis indicated that during average water years the reservoir storage would be approximately 80,000 to 110,000 acre-feet during the fall and winter and that the seasonal runoff would increase the storage to approximately 120,000 acre-feet in April, after which releases would exceed inflow and the volume in storage would decline. Figure 5-11 shows a plot of the monthly average storage content. In wet years, the volume of water varied between approximately 130,000 to 150,000 acre-feet in the winter and the seasonal runoff would increase the storage to approximately 152,500 acre-feet in April, after which the volume in storage would decline. In dry years, the maximum volume of water rose to approximately 65,000 acre-feet in March and declined to approximately 10,000 acre-feet at the end of September.

Figure 5-11
Deer Creek Reservoir Monthly Volumes Under Bonneville Unit



Deer Creek Reservoir water levels would vary with the storage volumes presented above. The water level at full conservation pool is approximately 5,416 feet (above mean sea level). In average years the water level during the winter months would range between 5,382 and 5,394 feet, and would then rise to approximately 5,400 feet by the end of June, after which it would decline to its winter levels. During wet years, the water level during the winter months would be several feet higher, up to the full pool level of 5,416 feet. During dry years, the water surface level may not rise above 5,370 feet.

Central Utah Project Completion Program

Chapter 6

October 2004

UTAH RECLAMATION
MITIGATION
AND CONSERVATION
COMMISSION

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Attachment A

Central Utah Project Completion Program

Attachment A

October 2004

UTAH RECLAMATION
MITIGATION
AND CONSERVATION
COMMISSION

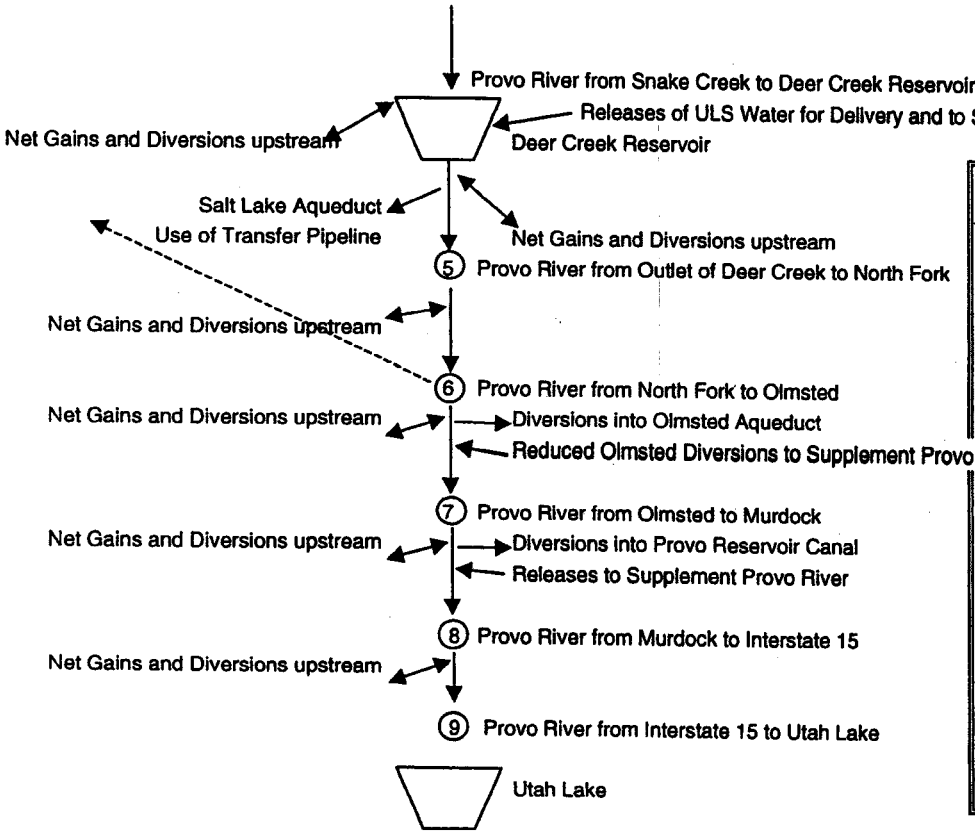
Utah Lake Drainage Basin Water Delivery System Bonneville Unit, Central Utah Project
Draft 2004 Supplement to the 1988 Definite Plan Report

DRAFT Water Supply Appendix
Volume V Attachment A

March 2004

STREAM FLOWS – PROVO RIVER

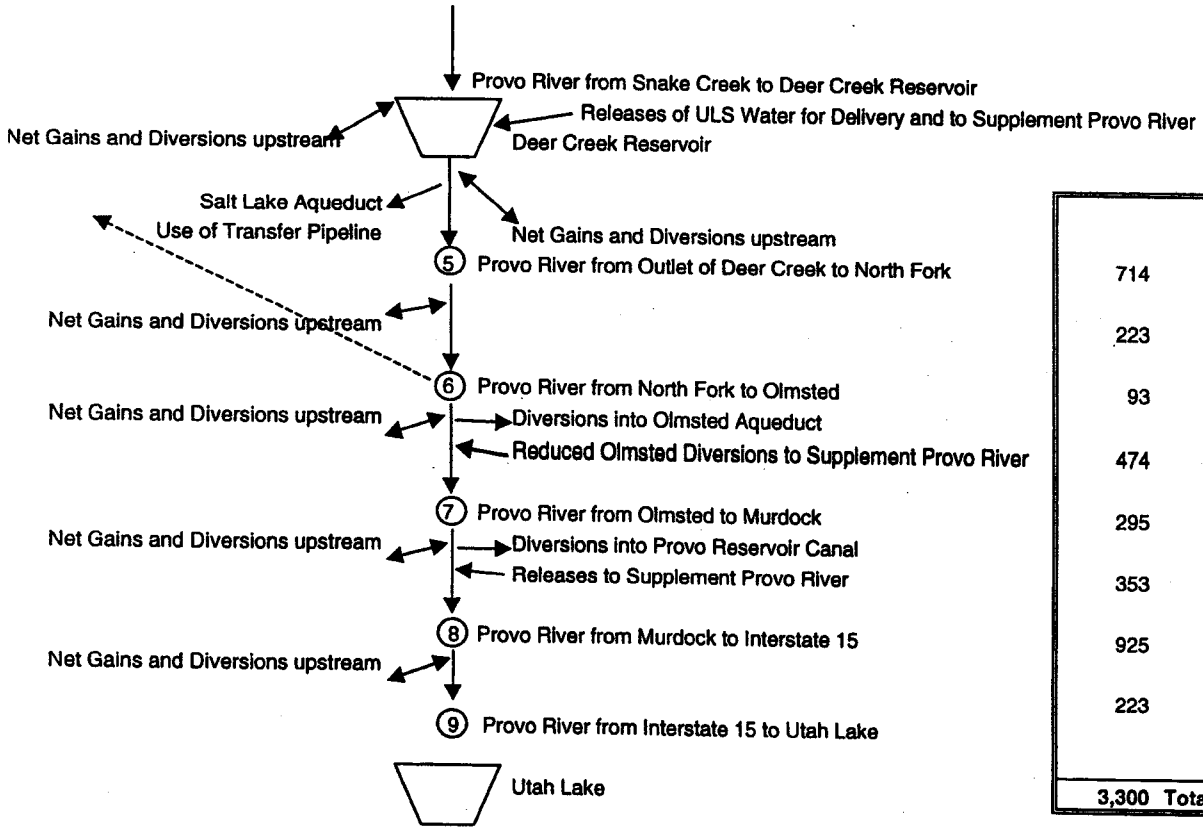
PROVO RIVER SPREADSHEET MODEL - SCHEMATIC



JUNE SUCKER WATER

Change in Flow	
(3,205)	CUP Releases for Delivery at Olmsted Reduced
3,205	CUP Deliveries made from Conserved Non-Project Water (Conserved Water stored and subsequently released from Deer Creek)
2,875	CUP Deliveries at Olmsted Reduced (Water released from storage as needed)
4,000	PRP Deliveries at Murdock Reduced (Water released from storage as needed)
4,000	Non-Project Deliveries at Murdock Reduced (1,580 left in River, 2,420 Stored & Released from Deer Creek)
1,290	Non-Project Deliveries downstream of Murdock Reduced (505 left in River, 785 Stored & Released from Deer Creek)
12,165	**Total Volume**

PROVO RIVER SPREADSHEET MODEL - SCHEMATIC



	75 CFS TARGET FLOW WATER (all changes take place in Reach 9)
714	Timpanogos Canal-Section 207 Water (Water left in River without Storage or change in timing)
223	Timpanogos Canal- Water Rights (Water left in River without Storage or change in timing)
93	Upper East Union Canal-Water Rights (Water left in River without Storage or change in timing)
474	East River Bottom Canal-Water Rights (Water left in River without Storage or change in timing)
295	Fort Field/Little Dry Creek-Water Rights (Water left in River without Storage or change in timing)
353	Provo Bench/Tanner Deed-Water Stock (Water left in River without Storage or change in timing)
925	West Union/West Smith-Water Stock (Water left in River without Storage or change in timing)
223	North Union/Tanner Deed-Water Stock (Water left in River without Storage or change in timing)
3,300	**Total Volume**

10/6/2003

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Bonneville Unit Operations - Provo River Flows by Ownership
Summary of Flows (acre-feet)

Node	Location and Description		Average Annual Flow (ac-ft)
P-0	Foreign Water into Jordanelle	-PRP Water	85,600
P-1	Provo River Release from Jordanelle		
P-1a	Provo River Release from Jordanelle	-Total	249,189
P-1b	Provo River Release from Jordanelle	-CUP Water	92,299
P-1c	Provo River Release from Jordanelle	-PRP Water	77,141
P-1d	Provo River Release from Jordanelle	-Non-Project	79,748
P-2	Provo River from Timpanogos to River Ditch		
P-2e	Diversions into Timpanogos Canal	-Total	-11,660
P-2f	Diversions into Timpanogos Canal	-CUP Delivery	-4,530
P-2g	Diversions into Timpanogos Canal	-Non-Project	-7,130
P-2a	Provo River from Timpanogos to River Ditch	-Total	237,529
P-2b	Provo River from Timpanogos to River Ditch	-CUP Water	87,769
P-2c	Provo River from Timpanogos to River Ditch	-PRP Water	77,141
P-2d	Provo River from Timpanogos to River Ditch	-Non-Project	72,618
P-3	Provo River from River Ditch to Snake Creek		
	Net Gains and Diversions upstream	-Total	-48,553
	Diversions upstream	-WCWEP Conserved Water	-6,060
	Diversions upstream	-CUP Delivery	-9,970
	Net Gains and Diversions upstream	-Non-Project	-32,523
P-3a	Provo River from River Ditch to Snake Creek	-Total	188,976
P-3b	Provo River from River Ditch to Snake Creek	-CUP Water	77,799
P-3c	Provo River from River Ditch to Snake Creek	-PRP Water	77,141
P-3d	Provo River from River Ditch to Snake Creek	-Non-Project	34,036
P-4	Provo River from Snake Creek to Deer Creek Reservoir		
	Net Gains and Diversions upstream	-Non-Project	77,045
P-4a	Provo River from Snake Creek to Deer Creek Reservoir	-Total	266,021
P-4b	Provo River from Snake Creek to Deer Creek Reservoir	-CUP Water	77,799
P-4c	Provo River from Snake Creek to Deer Creek Reservoir	-PRP Water	77,141
P-4d	Provo River from Snake Creek to Deer Creek Reservoir	-Non-Project	111,080

Bonneville Unit Operations - Provo River Flows by Ownership
Summary of Flows (acre-feet)

Node	Location and Description		Average Annual Flow (ac-ft)
P-5	Provo River from Outlet of Deer Creek to North Fork		
	Net Gains and Diversions upstream	-Total	56,837
	CUP Return Flow Gains above Deer Creek	-CUP Water	10,701
	Other CUP Gains upstream	-CUP Water	1,738
	Net Gains and Diversions upstream	-PRP Water	27,952
	Net Gains and Diversions upstream	-Non-Project	13,240
	Net Gains committed to June sucker by exchange	-Non-Project	3,205
P-5e	Diversions into Salt Lake Aqueduct	-Total	-54,594
	Use of Transfer Pipeline/Pump Station	-PRP Water	3,490
P-5f	Diversions into Salt Lake Aqueduct	-CUP Delivery	0
P-5g	Diversions into Salt Lake Aqueduct	-PRP Delivery	-54,594
P-5a	Provo River from Outlet of Deer Creek to North Fork	-Total	268,263
P-5b	Provo River from Outlet of Deer Creek to North Fork	-CUP Water	93,443
	Baseline CUP Releases	-CUP Water	90,238
P-5b-i	June Sucker Water by Exchange from Non-Project	-CUP Water	3,205
P-5c	Provo River from Outlet of Deer Creek to North Fork	-PRP Water	50,499
P-5d	Provo River from Outlet of Deer Creek to North Fork	-Non-Project	124,321
P-6	Provo River from North Fork to Olmsted		
	Net Gains and Diversions upstream	-Non-Project	18,892
P-6a	Provo River from North Fork to Olmsted	-Total	287,155
P-6b	Provo River from North Fork to Olmsted	-CUP Water	93,443
P-6c	Provo River from North Fork to Olmsted	-PRP Water	50,499
P-6d	Provo River from North Fork to Olmsted	-Non-Project	143,212
P-7	Provo River from Olmsted to Murdock		
	Net Other Gains and Diversions upstream (not Olmsted)	-Total	60,806
P-7e	Diversions into Olmsted Aqueduct	-Total	-142,765
P-7f	Diversions into Olmsted Aqueduct	-CUP Delivery	-87,125
P-7f-i	Undiverted Water at Olmsted for ULS Supplement of Provo River	-ULS Delivery	0
	Related Action Conservation for June sucker	-CUP Water	2,875
P-7g	Source of CUP Diversion is Non-Storage Water	Natural Flow Water	-7,641
P-7h	Diversions into Olmsted Aqueduct	-PRP Delivery	-17,991
P-7h-i	Water Diverted at Olmsted / Transfer Pump	-PRP Water	-3,490
P-7i	Diversions into Olmsted Aqueduct	-Non-Project	-37,649
P-7a	Provo River from Olmsted to Murdock	-Total	205,196
P-7b	Provo River from Olmsted to Murdock	-CUP Water	13,959
P-7c	Provo River from Olmsted to Murdock	-PRP Water	32,509
P-7d	Provo River from Olmsted to Murdock	-Non-Project	158,728

Bonneville Unit Operations - Provo River Flows by Ownership
Summary of Flows (acre-feet)

Node	Location and Description		Average Annual Flow (ac-ft)
P-8	Provo River from Murdock to Interstate 15		
	Net Gains and Diversions upstream (not Murdock)	-Non-Project	-37,435
P-8e	Diversions into Provo Reservoir Canal	-Total	-53,754
P-8f	Total ULS Diversions	-ULS Delivery	-30,000
	Delivery of PRP Water to CUP by contract	-CUP Water	4,000
	Delivery of PRP Water to CUP by contract	-PRP Water	-4,000
P-8f-i	Portion of ULS Conveyed through Provo Reservoir Canal	-ULS Delivery	-24,490
P-8f-ii	Portion of ULS Conveyed through Jordan Aqueduct	-ULS Delivery	-5,510
P-8g	Portion of ULS Conveyed through Provo Reservoir Canal	-PRP Delivery	-13,421
P-8h	Portion of ULS Conveyed through Provo Reservoir Canal	-Non-Project	-15,843
P-8a	Provo River from Murdock to Interstate 15	-Total	156,582
P-8b	Provo River from Murdock to Interstate 15	-CUP Water	36,044
P-8b-i	Total ULS Supplement to Provo River	-CUP ULS Water	16,000
P-8b-ii	Releases of ULS Supplemental Water from Pipeline	-CUP ULS Water	16,000
P-8c	Provo River from Murdock to Interstate 15	-PRP Water	15,088
P-8d	Provo River from Murdock to Interstate 15	-Non-Project	105,450
P-9	Provo River from Interstate 15 to Utah Lake		
	Net Gains and Diversions upstream (not Provo Bench)	-Non-Project	-40,540
P-9e	PRP Diversion to Provo Bench Canal	-PRP Delivery	-2,341
P-9a	Provo River from Interstate 15 to Utah Lake	-Total	113,702
P-9b	Provo River from Interstate 15 to Utah Lake	-CUP Water	36,044
	Baseline Flows for 25-cfs Winter IFR and Operational Spills	-CUP Water	7,879
	Releases of ULS Fish and Wildlife Water	-CUP ULS Water	16,000
	June Sucker Water Accounting - Total	**-CUP Water**	**12,165**
P-9b-i	June Sucker Releases from Conserved Water	-CUP Water	2,875
	Reduced Provo River Project Diversions	-CUP Water	4,000
	Reduced Non-Project Diversions	-CUP Water	5,290
P-9b-ii	Portion Unstored (used as it occurs)	-CUP Water	2,085
	Portion Stored in Deer Creek	-CUP Water	3,205
P-9b-iii	Releases of Stored Non-Project Water for June sucker	-CUP Water	1,488
P-9b-iv	Remaining Related Action Releases of Non-Project	-CUP Water	1,717
P-9b-v	**Water Purchases by Mitigation Commission for 75-cfs target**	**-URMCC Water**	**3,300**
	Timpanogos Canal-Section 207 Water	-URMCC Water	714
	Timpanogos Canal- Water Rights	-URMCC Water	223
	Upper East Union Canal-Water Rights	-URMCC Water	93
	East River Bottom Canal-Water Rights	-URMCC Water	474
	Fort Field/Little Dry Creek-Water Rights	-URMCC Water	295
	Provo Bench/Tanner Deed-Water Stock	-URMCC Water	353
	West Union/West Smith-Water Stock	-URMCC Water	925
	North Union/Tanner Deed-Water Stock	-URMCC Water	223
P-9c	Provo River from Interstate 15 to Utah Lake	-PRP Water	12,747
P-9d	Provo River from Interstate 15 to Utah Lake	-Non-Project	61,611

P-0
Bonneville Unit Operations (cfs)
Foreign Water into Jordanelle
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	22	79	15	4	3	4	247	748	263	142	14	8	130
1951	6	90	78	72	75	71	229	468	494	101	31	10	144
1952	29	81	68	60	53	59	119	265	308	85	27	15	97
1953	8	65	52	54	52	62	139	230	669	61	20	5	118
1954	3	61	32	6	7	55	186	242	85	24	11	9	60
1955	6	56	22	5	6	5	0	385	216	4	1	0	59
1956	0	65	37	74	66	80	87	1,010	630	39	13	7	176
1957	7	60	12	7	7	7	94	516	1,389	152	26	10	190
1958	11	72	64	60	67	14	107	925	368	26	11	10	145
1959	6	59	16	6	6	6	77	126	349	48	10	12	60
1960	23	91	30	8	9	10	93	329	220	20	0	0	69
1961	7	58	40	6	5	7	14	143	89	0	0	40	34
1962	41	83	33	21	20	70	363	729	881	82	1	0	194
1963	0	55	23	3	6	6	99	413	401	41	6	18	89
1964	12	68	26	8	6	7	9	844	1,125	92	16	2	184
1965	5	60	26	10	62	53	151	610	1,380	287	5	77	226
1966	68	83	58	64	56	74	251	673	121	11	0	7	123
1967	12	78	17	9	8	8	102	618	838	176	30	12	159
1968	11	76	68	60	59	66	23	523	667	63	37	0	138
1969	9	74	66	59	57	16	247	291	712	56	15	3	133
1970	28	62	53	55	65	69	88	697	352	56	17	18	130
1971	12	81	82	89	82	82	262	248	699	95	10	12	146
1972	90	88	78	77	74	117	232	324	238	37	0	3	113
1973	109	94	85	74	70	68	100	278	689	70	16	36	141
1974	61	85	46	13	11	97	169	333	721	50	11	5	133
1975	41	67	61	56	56	63	76	460	660	119	42	9	143
1976	96	83	30	0	58	65	167	388	188	14	0	0	91
1977	3	53	27	5	5	5	11	62	113	0	0	0	24
1978	4	44	30	8	8	8	205	580	1,318	84	2	0	190
1979	3	56	57	56	52	57	113	679	211	36	19	0	112
1980	5	52	24	7	7	49	186	724	472	90	8	4	136
1981	8	67	63	55	55	50	218	350	463	12	0	6	112
1982	21	80	22	8	8	76	176	269	325	186	36	122	111
1983	205	101	20	4	63	73	108	207	361	112	114	88	121
1984	142	107	101	88	76	78	171	238	316	196	0	87	133
1985	121	111	82	77	67	71	101	344	238	65	28	10	110
1986	117	103	99	73	94	187	149	323	353	251	11	52	151
1987	120	99	78	80	72	78	237	456	231	33	5	0	124
1988	6	55	34	6	6	6	153	313	144	20	6	4	63
1989	7	57	30	9	9	7	149	498	327	5	3	1	92
1990	1	39	23	6	45	16	138	291	309	3	0	0	72
1991	7	44	36	39	43	43	4	375	589	3	1	0	98
1992	0	65	37	3	3	27	3	95	91	3	0	7	28
1993	5	40	40	41	43	64	122	98	101	95	0	0	54
1994	48	49	14	48	51	64	204	269	247	84	25	0	92
1995	15	71	62	56	45	108	178	599	230	598	0	0	165
1996	50	78	18	65	59	94	215	183	722	221	27	11	145
1997	7	81	29	63	76	115	197	307	254	90	0	64	107
1998	13	52	81	80	79	106	199	175	275	204	35	63	113
1999	145	66	93	79	82	100	198	192	326	189	42	42	130
Average	36	71	46	38	42	54	143	409	455	91	15	18	118
Maximum	205	111	101	89	94	187	363	1,010	1,389	598	114	122	226
Minimum	0	39	12	0	3	4	0	62	85	0	0	0	24

P-0
Bonneville Unit Operations (acre-feet)
Foreign Water into Jordanelle
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	1,358	4,675	936	241	173	269	14,681	46,019	15,642	8,757	837	462	94,052
1951	366	5,349	4,810	4,416	4,175	4,348	13,603	28,779	29,423	6,200	1,894	614	103,977
1952	1,766	4,829	4,166	3,685	3,069	3,636	7,090	16,269	18,311	5,236	1,645	903	70,605
1953	462	3,848	3,194	3,300	2,915	3,839	8,293	14,167	39,809	3,761	1,251	289	85,126
1954	168	3,645	1,988	350	389	3,374	11,082	14,878	5,080	1,504	665	552	43,675
1955	390	3,328	1,365	334	308	338	3	23,702	12,864	217	33	0	42,880
1956	20	3,869	2,274	4,547	3,814	4,896	5,187	62,094	37,510	2,404	825	427	127,867
1957	430	3,549	763	418	373	449	5,621	31,722	82,626	9,371	1,598	613	137,533
1958	693	4,262	3,948	3,679	3,743	883	6,380	56,896	21,877	1,590	695	571	105,216
1959	393	3,491	1,010	378	309	351	4,591	7,733	20,744	2,932	595	732	43,260
1960	1,443	5,396	1,845	513	525	620	5,522	20,244	13,099	1,237	0	0	50,443
1961	446	3,471	2,470	363	299	418	812	8,795	5,282	0	0	2,379	24,735
1962	2,521	4,960	2,026	1,305	1,126	4,280	21,571	44,850	52,407	5,013	44	0	140,103
1963	0	3,271	1,394	190	331	340	5,874	25,372	23,851	2,497	377	1,077	64,573
1964	722	4,019	1,622	478	369	420	555	51,864	66,950	5,628	986	123	133,736
1965	333	3,596	1,594	601	3,459	3,266	8,961	37,501	82,141	17,624	322	4,565	163,964
1966	4,208	4,954	3,550	3,954	3,136	4,541	14,918	41,366	7,202	687	0	435	88,953
1967	751	4,651	1,075	556	446	479	6,090	37,968	49,834	10,803	1,874	734	115,262
1968	694	4,544	4,178	3,704	3,398	4,086	1,373	32,172	39,708	3,902	2,257	28	100,042
1969	543	4,406	4,060	3,656	3,165	966	14,719	17,894	42,352	3,435	897	195	96,287
1970	1,727	3,685	3,252	3,406	3,634	4,219	5,237	42,827	20,924	3,435	1,038	1,050	94,432
1971	739	4,833	5,059	5,502	4,562	5,059	15,597	15,239	41,568	5,854	626	714	105,352
1972	5,511	5,237	4,800	4,732	4,260	7,195	13,803	19,931	14,165	2,264	9	167	82,076
1973	6,712	5,613	5,223	4,569	3,869	4,203	5,968	17,120	40,971	4,333	992	2,160	101,732
1974	3,763	5,083	2,826	778	617	5,974	10,043	20,470	42,891	3,071	676	319	96,511
1975	2,539	3,964	3,777	3,459	3,133	3,886	4,505	28,257	39,293	7,296	2,604	565	103,279
1976	5,880	4,916	1,840	0	3,348	3,983	9,909	23,848	11,206	835	0	0	65,765
1977	162	3,151	1,670	314	283	314	627	3,831	6,750	0	0	0	17,100
1978	241	2,607	1,865	468	422	468	12,223	35,642	78,452	5,192	134	28	137,740
1979	163	3,305	3,509	3,470	2,905	3,499	6,721	41,745	12,577	2,184	1,143	3	81,223
1980	296	3,088	1,469	438	410	2,987	11,061	44,521	28,089	5,512	484	228	98,583
1981	504	3,983	3,892	3,392	3,068	3,049	12,956	21,526	27,563	709	0	329	80,971
1982	1,291	4,733	1,335	468	422	4,643	10,457	16,556	19,343	11,466	2,200	7,278	80,192
1983	12,581	6,032	1,237	237	3,521	4,464	6,398	12,733	21,454	6,877	6,980	5,240	87,753
1984	8,735	6,340	6,205	5,397	4,387	4,820	10,198	14,660	18,803	12,076	0	5,193	96,812
1985	7,465	6,580	5,060	4,752	3,694	4,387	6,013	21,120	14,152	3,972	1,712	605	79,514
1986	7,163	6,132	6,069	4,483	5,243	11,487	8,889	19,852	21,013	15,410	663	3,065	109,470
1987	7,378	5,894	4,769	4,946	4,010	4,773	14,110	28,027	13,736	2,007	282	0	89,930
1988	372	3,276	2,109	346	348	372	9,089	19,253	8,587	1,233	393	223	45,602
1989	432	3,382	1,841	536	512	439	8,857	30,615	19,482	311	192	77	66,675
1990	47	2,319	1,432	343	2,516	1,010	8,195	17,869	18,371	166	3	22	52,293
1991	430	2,597	2,217	2,369	2,406	2,618	261	23,060	35,034	159	35	0	71,186
1992	0	3,841	2,264	198	179	1,638	191	5,849	5,419	199	0	416	20,195
1993	321	2,383	2,469	2,525	2,394	3,919	7,234	6,013	6,013	5,855	0	28	39,154
1994	2,942	2,906	862	2,961	2,815	3,913	12,156	16,533	14,692	5,176	1,552	28	66,536
1995	901	4,219	3,839	3,450	2,493	6,665	10,610	36,814	13,690	36,745	0	28	119,454
1996	3,103	4,622	1,109	3,991	3,409	5,795	12,788	11,245	42,986	13,583	1,683	634	104,950
1997	441	4,815	1,783	3,886	4,238	7,082	11,736	18,889	15,107	5,549	0	3,820	77,346
1998	815	3,091	4,963	4,943	4,369	6,537	11,834	10,766	16,346	12,525	2,148	3,751	82,088
1999	8,911	3,900	5,695	4,873	4,542	6,159	11,765	11,822	19,388	11,627	2,601	2,524	93,808
Average	2,185	4,213	2,854	2,358	2,351	3,347	8,527	25,138	27,096	5,568	899	1,064	85,600
Maximum	12,581	6,580	6,205	5,502	5,243	11,487	21,571	62,094	82,626	36,745	6,980	7,278	163,964
Minimum	0	2,319	763	0	173	269	3	3,831	5,080	0	0	0	17,100

P-1a
Bonneville Unit Operations (acre-feet)
Provo River Release from Jordanelle
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	8,862	8,926	8,072	7,695	6,994	7,686	10,188	58,040	70,676	29,928	27,221	18,181	262,468
1951	8,777	8,926	9,223	9,223	8,331	9,223	8,383	71,351	73,455	28,909	26,741	22,402	284,944
1952	9,147	8,926	9,223	9,223	8,628	11,671	21,557	81,967	77,399	23,407	23,273	19,083	303,504
1953	9,181	7,529	8,152	7,795	7,132	7,992	9,115	26,237	85,357	32,622	28,537	18,817	248,467
1954	9,785	8,368	8,820	8,456	7,436	9,379	14,054	32,107	18,937	28,304	28,955	19,147	193,748
1955	9,659	8,328	8,562	8,575	7,763	8,206	8,939	24,902	34,061	35,317	29,364	19,797	203,474
1956	9,117	8,109	7,956	8,049	7,604	8,092	10,554	24,943	58,463	62,899	45,946	22,480	274,214
1957	9,890	7,832	8,032	7,961	6,993	8,244	9,185	17,710	78,104	55,433	34,820	19,144	263,348
1958	9,930	8,877	9,204	8,479	7,637	7,836	8,703	48,172	42,462	35,786	29,633	18,652	235,369
1959	9,802	7,868	8,270	8,236	7,328	8,038	11,012	28,588	41,441	33,769	29,624	17,405	211,382
1960	10,160	9,060	8,462	8,311	7,728	7,980	8,641	25,611	38,530	36,968	31,960	21,829	215,241
1961	9,284	8,926	8,418	8,431	7,575	8,170	9,192	18,467	25,134	28,561	25,989	15,765	173,910
1962	9,498	8,682	8,776	8,691	7,023	8,103	8,832	21,498	42,086	67,784	55,111	30,211	276,294
1963	10,069	8,238	8,793	8,655	7,538	8,259	8,729	27,610	48,381	55,036	33,332	16,605	241,243
1964	10,079	8,229	8,629	8,653	7,844	8,355	8,005	17,279	40,701	70,249	56,287	29,890	274,200
1965	9,335	8,514	7,999	8,333	7,195	8,550	8,102	24,120	67,972	47,275	24,109	24,697	246,202
1966	9,479	8,421	9,223	8,858	7,539	9,223	13,355	45,712	26,827	33,246	28,127	17,806	217,816
1967	9,905	7,905	8,101	8,191	7,331	7,842	8,444	21,846	46,030	37,496	33,245	25,755	222,091
1968	10,216	8,926	9,223	8,596	7,618	9,223	8,271	21,419	84,362	32,606	25,127	20,039	245,626
1969	10,131	8,926	9,223	8,723	8,331	8,419	8,070	78,915	65,770	27,418	22,115	15,687	271,727
1970	10,003	8,926	9,223	8,790	7,792	8,331	8,671	57,863	51,905	32,281	28,631	18,500	250,936
1971	10,101	8,926	9,223	9,223	8,331	9,770	8,336	55,363	94,113	30,081	26,627	17,089	287,184
1972	10,141	8,926	9,223	9,223	8,673	10,060	8,880	74,382	48,391	31,523	26,159	15,876	261,456
1973	9,885	8,926	9,223	9,223	8,331	9,382	7,527	49,287	70,758	29,203	25,347	19,878	256,970
1974	10,247	8,926	9,122	8,510	7,457	7,920	8,236	78,582	78,119	33,776	32,498	19,414	302,808
1975	9,745	8,675	8,880	8,433	7,602	7,904	8,286	24,412	97,759	55,183	34,215	21,316	292,410
1976	10,563	9,167	9,074	8,882	7,814	8,036	8,455	51,225	35,830	33,348	30,423	22,631	235,448
1977	9,731	8,416	8,362	8,470	7,588	8,318	10,343	14,398	18,929	20,625	17,733	19,396	152,309
1978	8,657	7,930	7,870	8,072	7,264	7,686	8,375	23,472	75,537	68,271	50,986	21,098	295,220
1979	9,969	7,914	8,341	8,355	7,429	8,938	8,490	23,689	26,084	34,475	28,681	18,090	190,456
1980	9,775	8,007	8,208	7,686	7,349	8,765	7,859	17,821	37,071	34,307	27,183	19,421	193,452
1981	9,688	9,623	9,723	8,389	7,365	8,046	9,930	30,198	57,425	29,264	24,834	16,103	220,590
1982	9,860	9,237	9,544	8,175	7,206	9,383	7,784	49,063	69,427	44,184	27,249	21,396	272,510
1983	9,328	9,727	8,923	8,561	14,263	74,042	7,925	29,435	96,189	45,733	28,300	25,592	358,017
1984	9,731	7,919	8,427	8,404	15,962	26,291	45,681	58,328	75,441	45,540	25,485	23,175	350,385
1985	8,715	8,230	8,198	8,227	7,278	7,686	33,430	79,223	38,720	35,086	32,343	22,079	289,217
1986	9,350	9,664	8,630	8,409	6,942	69,222	24,001	56,201	97,643	46,995	21,436	15,110	373,602
1987	8,657	8,516	8,601	9,223	7,774	13,891	30,406	61,402	20,732	33,264	38,783	29,050	270,299
1988	9,454	8,217	8,096	8,216	7,435	7,724	12,971	27,876	27,635	20,019	22,340	14,104	174,088
1989	10,210	8,470	8,477	8,571	7,545	8,648	14,994	33,542	47,183	39,903	27,780	15,849	231,171
1990	10,257	7,702	9,026	8,789	7,815	8,413	9,809	23,019	35,307	22,386	18,935	14,854	176,311
1991	9,457	8,757	8,624	8,717	7,606	8,029	9,856	20,236	36,739	37,593	26,005	17,032	198,651
1992	10,309	7,925	8,083	8,459	7,377	8,739	9,456	37,717	24,346	31,451	25,483	14,825	194,170
1993	10,298	7,482	7,729	7,729	6,985	7,729	7,702	21,568	43,816	41,386	26,698	14,599	203,722
1994	9,700	7,493	7,821	7,754	7,051	7,918	9,215	23,472	32,451	32,875	24,989	13,343	184,082
1995	9,096	7,931	7,989	7,754	7,095	7,808	9,268	21,726	28,317	87,713	35,053	14,171	243,921
1996	9,229	9,764	9,936	9,223	8,628	9,329	8,003	49,937	82,680	33,585	31,715	21,744	283,773
1997	9,765	8,926	9,223	9,223	8,331	7,686	34,616	67,119	63,595	40,413	25,592	19,054	303,544
1998	10,333	9,472	9,201	7,894	7,611	7,686	8,349	55,739	61,362	36,241	23,449	21,303	258,640
1999	8,177	9,457	8,429	8,391	6,942	8,769	24,310	60,148	64,614	39,253	28,078	22,250	288,819
Average	9,655	8,575	8,676	8,482	7,888	11,453	12,250	39,859	54,085	38,979	29,651	19,635	249,189
Maximum	10,563	9,764	9,936	9,223	15,962	74,042	45,681	81,967	97,759	87,713	56,287	30,211	373,602
Minimum	8,177	7,482	7,729	7,686	6,942	7,686	7,527	14,398	18,929	20,019	17,733	13,343	152,309

P-1a
Bonneville Unit Operations (cfs)
Provo River Release from Jordanelle
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	144	150	131	125	126	125	171	944	1,188	487	443	306	363
1951	143	150	150	150	150	150	141	1,160	1,234	470	435	376	394
1952	149	150	150	150	150	190	362	1,333	1,301	381	379	321	418
1953	149	127	133	127	128	130	153	427	1,435	531	464	316	343
1954	159	141	143	138	134	153	236	522	318	460	471	322	268
1955	157	140	139	139	140	133	150	405	572	574	478	333	281
1956	148	136	129	131	132	132	177	406	983	1,023	747	378	378
1957	161	132	131	129	126	134	154	288	1,313	902	566	322	364
1958	161	149	150	138	138	127	146	783	714	582	482	313	325
1959	159	132	135	134	132	131	185	465	696	549	482	293	292
1960	165	152	138	135	134	130	145	417	648	601	520	367	297
1961	151	150	137	137	136	133	154	300	422	465	423	265	240
1962	154	146	143	141	126	132	148	350	707	1,102	896	508	382
1963	164	138	143	141	136	134	147	449	813	895	542	279	333
1964	164	138	140	141	136	136	135	281	684	1,143	915	502	378
1965	152	143	130	136	130	139	136	392	1,142	769	392	415	340
1966	154	142	150	144	136	150	224	743	451	541	457	299	301
1967	161	133	132	133	132	128	142	355	774	610	541	433	307
1968	166	150	150	140	132	150	139	348	1,418	530	409	337	338
1969	165	150	150	142	150	137	136	1,283	1,105	446	360	264	375
1970	163	150	150	143	140	135	146	941	872	525	466	311	347
1971	164	150	150	150	150	159	140	900	1,582	489	433	287	397
1972	165	150	150	150	151	164	149	1,210	813	513	425	267	360
1973	161	150	150	150	150	153	127	802	1,189	475	412	334	355
1974	167	150	148	138	134	129	138	1,278	1,313	549	529	326	418
1975	158	146	144	137	137	129	139	397	1,643	898	556	358	404
1976	172	154	148	144	136	131	142	833	602	542	495	380	324
1977	158	141	136	138	137	135	174	234	318	335	288	326	210
1978	141	133	128	131	131	125	141	382	1,269	1,110	829	355	408
1979	162	133	136	136	134	145	143	385	438	561	466	304	263
1980	159	135	133	125	128	143	132	290	623	558	442	326	266
1981	158	162	158	136	133	131	167	491	965	476	404	271	305
1982	160	155	155	133	130	153	131	798	1,167	719	443	360	376
1983	152	163	145	139	257	1,204	133	479	1,617	744	460	430	495
1984	158	133	137	137	278	428	768	949	1,268	741	414	389	483
1985	142	138	133	134	131	125	562	1,288	651	571	526	371	400
1986	152	162	140	137	125	1,126	403	914	1,641	764	349	254	516
1987	141	143	140	150	140	226	511	999	348	541	631	488	373
1988	154	138	132	134	129	126	218	453	464	326	363	237	240
1989	166	142	138	139	136	141	252	546	793	649	452	266	319
1990	167	129	147	143	141	137	165	374	593	364	308	250	244
1991	154	147	140	142	137	131	166	329	617	611	423	286	274
1992	168	133	131	138	128	142	159	613	409	512	414	249	267
1993	167	126	126	126	126	126	129	351	736	673	434	245	281
1994	158	126	127	126	127	129	155	382	545	535	406	224	254
1995	148	133	130	126	128	127	156	353	476	1,427	570	238	337
1996	150	164	162	150	150	152	135	812	1,390	546	516	365	391
1997	159	150	150	150	150	125	582	1,092	1,069	657	416	320	419
1998	168	159	150	128	137	125	140	907	1,031	589	381	358	357
1999	133	159	137	136	125	143	409	978	1,086	638	457	374	399
Average	157	144	141	138	141	186	206	648	909	634	482	330	344
Maximum	172	164	162	150	278	1,204	768	1,333	1,643	1,427	915	508	516
Minimum	133	126	126	125	125	125	127	234	318	326	288	224	210

P-1b
Bonneville Unit Operations (acre-feet)
Provo River Release from Jordanelle
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	4,228	3,284	4,707	5,402	4,880	5,380	2,205	2,345	3,845	10,817	14,300	10,314	71,707
1951	5,506	2,651	2,721	5,873	5,231	3,570	2,256	2,280	5,079	12,845	14,882	10,279	73,173
1952	4,822	3,092	3,074	4,334	3,030	3,570	429	2,192	3,756	8,752	12,095	8,833	57,979
1953	5,525	3,180	5,314	6,171	5,603	7,513	6,883	5,452	3,722	12,895	18,559	11,615	92,431
1954	5,987	5,176	5,398	7,162	6,025	4,891	5,896	7,900	8,779	17,338	23,242	14,611	112,406
1955	7,101	5,195	5,513	7,936	6,957	7,457	6,863	7,983	7,699	18,850	23,425	16,577	121,554
1956	6,176	3,621	5,419	6,466	6,347	5,547	5,381	4,852	7,570	16,041	20,908	16,457	104,784
1957	5,865	3,886	5,075	6,778	6,057	6,596	4,794	5,204	4,899	11,964	15,267	10,946	87,330
1958	6,082	4,868	3,927	6,799	4,915	5,308	2,991	3,352	7,140	14,032	19,381	12,753	91,547
1959	6,548	5,115	5,078	7,616	6,476	7,127	6,849	9,590	8,833	19,482	22,928	14,100	119,743
1960	6,257	3,621	6,815	7,616	6,472	6,015	3,528	7,103	7,955	19,121	25,923	19,206	119,632
1961	4,789	7,126	7,137	7,608	6,845	7,606	7,438	10,414	7,497	21,109	22,439	10,322	120,331
1962	6,504	5,801	6,425	7,613	6,351	7,353	3,412	4,852	6,728	11,593	16,671	14,491	97,793
1963	5,572	3,886	5,689	7,131	6,145	6,882	7,438	5,933	8,422	15,636	19,087	12,164	103,986
1964	5,368	3,621	6,107	6,875	6,195	6,648	7,305	3,470	5,694	11,865	17,625	15,391	96,164
1965	6,193	3,665	4,077	4,577	4,167	4,750	3,632	4,010	5,854	9,471	11,840	7,240	69,475
1966	4,706	4,343	2,810	5,070	4,391	3,394	2,887	4,525	8,310	18,588	20,821	12,549	92,394
1967	5,848	3,976	4,871	6,426	5,881	5,796	6,704	5,734	5,604	11,847	15,594	9,694	87,975
1968	5,717	4,605	3,626	6,257	5,558	4,099	4,667	5,116	4,021	12,804	16,329	10,504	83,303
1969	5,397	3,923	3,999	5,709	4,666	4,877	1,613	2,280	5,344	11,875	14,361	9,869	73,913
1970	5,102	4,485	4,978	5,152	4,741	4,684	7,358	5,734	4,802	13,117	18,244	10,836	89,233
1971	5,097	1,875	2,335	3,041	2,451	2,257	2,861	3,427	4,109	11,684	15,904	10,417	65,458
1972	4,656	2,334	2,335	3,129	2,350	937	1,046	2,699	4,932	13,215	17,773	10,920	66,326
1973	4,842	2,474	2,953	4,364	4,127	2,953	3,730	3,074	4,815	12,078	16,852	9,341	71,601
1974	5,420	4,837	4,199	6,565	5,705	6,777	6,474	4,516	5,797	14,766	21,140	13,267	99,463
1975	4,676	5,849	5,176	6,472	5,295	5,791	6,890	8,197	1,563	10,744	21,053	10,398	92,105
1976	4,719	5,301	3,923	5,457	5,735	5,632	5,543	2,745	6,926	16,948	21,767	17,264	101,962
1977	4,839	5,637	5,660	7,240	6,449	5,690	4,666	6,841	10,010	11,928	15,424	16,111	100,494
1978	4,981	5,072	7,085	7,506	6,192	6,275	7,349	8,619	8,002	18,729	22,104	15,629	117,544
1979	2,669	4,409	5,646	6,754	5,361	4,618	4,657	3,678	6,923	17,442	23,462	14,016	99,635
1980	4,165	5,161	5,419	6,565	5,482	5,448	4,814	2,700	4,141	12,166	18,258	11,323	85,641
1981	4,018	5,255	5,419	6,280	5,768	6,024	6,962	5,799	7,123	12,629	19,266	12,086	96,628
1982	4,092	3,104	5,326	6,110	5,227	5,227	5,340	4,572	5,052	11,751	17,610	10,066	83,478
1983	4,385	5,466	5,293	6,772	4,764	3,744	651	3,259	4,845	14,952	18,629	9,472	82,233
1984	3,875	5,166	2,691	5,088	3,034	3,713	1,523	4,502	4,834	12,849	15,894	12,402	75,572
1985	3,518	5,165	5,806	6,956	4,840	3,716	1,697	5,288	6,339	18,777	21,115	12,884	96,102
1986	4,112	3,024	5,424	6,879	6,916	4,667	2,822	6,249	6,434	17,209	12,618	9,479	85,832
1987	3,879	5,664	5,441	7,016	4,606	3,975	4,294	2,787	6,758	14,518	26,356	17,187	102,481
1988	3,532	5,098	5,379	7,135	5,371	5,250	7,230	9,303	4,562	10,716	20,111	10,691	94,380
1989	3,398	5,403	5,717	7,551	7,038	6,811	6,055	7,808	11,823	17,399	23,974	13,214	116,191
1990	5,449	5,277	5,747	6,535	5,173	5,626	3,484	5,485	5,920	10,693	14,453	11,530	85,372
1991	5,077	5,339	5,559	7,692	6,645	5,832	4,887	3,985	6,822	15,310	19,741	11,868	98,757
1992	4,740	6,388	6,537	7,382	6,197	7,706	7,869	12,186	6,647	19,341	21,550	11,743	118,286
1993	6,035	5,594	5,743	7,100	5,962	7,046	4,211	3,917	5,836	11,014	16,973	12,291	91,722
1994	4,190	5,348	5,448	7,012	5,574	5,316	7,481	5,292	6,508	14,400	18,841	10,549	95,960
1995	4,115	4,791	4,783	4,990	4,181	3,284	2,997	4,252	6,028	10,251	13,597	9,121	72,391
1996	3,738	5,479	5,611	6,730	5,470	3,975	4,986	4,369	3,764	13,217	16,906	10,320	84,565
1997	3,493	3,804	5,653	6,126	6,261	7,686	6,977	4,999	6,414	17,004	21,387	12,818	102,622
1998	4,316	5,361	5,405	6,703	6,142	5,419	1,438	4,628	5,322	12,034	16,207	11,444	84,420
1999	4,182	5,371	5,416	6,703	4,344	3,738	1,415	4,569	5,258	12,945	15,757	11,175	80,874
Average	4,910	4,563	4,998	6,369	5,392	5,284	4,618	5,201	6,101	14,135	18,573	12,155	92,299
Maximum	7,101	7,126	7,137	7,936	7,038	7,706	7,869	12,186	11,823	21,109	26,356	19,206	121,554
Minimum	2,669	1,875	2,335	3,041	2,350	937	429	2,192	1,563	8,752	11,840	7,240	57,979

P-1b
Bonneville Unit Operations (cfs)
Provo River Release from Jordanelle
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	69	55	77	88	88	88	37	38	65	176	233	173	99
1951	90	45	44	96	94	58	38	37	85	209	242	173	101
1952	69	55	77	88	85	88	37	38	65	176	233	173	80
1953	90	45	44	96	94	58	38	37	85	209	242	173	128
1954	78	52	50	70	55	58	7	36	63	142	197	148	155
1955	90	53	86	100	101	122	116	89	63	210	302	195	168
1956	97	87	88	116	105	80	99	128	148	282	378	246	144
1957	115	87	90	129	125	121	115	130	129	307	381	279	121
1958	100	61	88	105	114	90	90	79	127	261	340	277	126
1959	95	65	83	110	109	107	81	85	82	195	248	184	165
1960	99	82	64	111	85	86	50	55	120	228	315	214	165
1961	107	86	83	124	117	116	115	156	148	317	373	237	166
1962	102	61	111	124	117	98	59	116	134	311	422	323	135
1963	78	120	116	124	123	124	125	169	126	343	365	173	144
1964	106	97	104	124	110	120	57	79	113	189	271	244	132
1965	91	65	93	116	111	112	125	96	142	254	310	204	96
1966	87	61	99	112	112	108	123	56	96	193	287	259	128
1967	101	62	66	74	75	77	61	65	98	154	193	122	122
1968	77	73	46	82	76	55	49	74	140	302	339	211	115
1969	95	67	79	105	106	94	113	93	94	193	254	163	102
1970	93	77	59	102	100	67	78	83	68	208	266	177	123
1971	88	66	65	93	84	79	27	37	90	193	234	166	90
1972	83	75	81	84	82	76	124	93	81	213	297	182	91
1973	83	32	38	49	44	37	48	56	69	190	259	175	99
1974	76	39	38	51	42	15	18	44	83	215	289	184	137
1975	79	42	48	71	74	48	63	50	81	196	274	157	127
1976	88	81	68	107	99	110	109	73	97	240	344	223	140
1977	76	98	84	105	95	94	116	133	26	175	342	175	139
1978	77	89	64	89	103	92	93	45	116	276	354	290	162
1979	79	95	92	118	116	93	78	111	168	194	251	271	138
1980	81	85	115	122	108	102	124	140	134	305	360	263	118
1981	43	74	92	110	97	75	78	60	116	284	382	236	133
1982	68	87	88	107	99	89	81	44	70	198	297	190	115
1983	65	88	88	102	104	98	117	94	120	205	313	203	114
1984	67	52	87	99	91	85	90	74	85	191	286	169	104
1985	71	92	86	110	86	61	11	53	81	243	303	159	133
1986	63	87	44	83	55	60	26	73	81	209	259	208	119
1987	57	87	94	113	87	60	29	86	107	305	343	217	142
1988	67	51	88	112	120	76	47	102	108	280	205	159	130
1989	63	95	88	114	83	65	72	45	114	236	429	289	160
1990	57	86	87	116	97	85	122	151	77	174	327	180	118
1991	55	91	93	123	127	111	102	127	199	283	390	222	136
1992	89	89	93	106	90	91	59	89	99	174	235	194	163
1993	83	90	90	125	120	95	82	65	115	249	321	199	127
1994	77	107	106	120	112	125	132	198	112	315	350	197	133
1995	98	94	93	115	107	115	71	64	98	179	276	207	100
1996	68	90	89	114	97	86	126	86	109	234	306	177	116
1997	67	81	78	81	75	53	50	69	101	167	221	153	142
1998	61	92	91	109	98	65	84	71	63	215	275	173	117
1999	57	64	92	100	113	125	117	81	108	277	348	215	112
Average	80	75	80	103	96	86	78	83	102	229	301	204	127
Maximum	115	120	116	129	127	125	132	198	199	343	429	323	168
Minimum	43	32	38	49	42	15	7	36	26	142	193	122	80

P-1c
Bonneville Unit Operations (acre-feet)
Provo River Release from Jordanelle
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	2,021	5,561	2,400	1,959	1,758	2,181	3,183	35,377	42,573	7,592	2,724	3,333	110,662
1951	1,218	4,266	6,161	2,842	2,863	5,467	4,477	50,440	36,281	4,897	2,219	5,947	127,077
1952	1,280	2,186	3,608	2,460	2,860	4,680	7,743	36,938	36,014	1,613	76	2,651	102,110
1953	1,222	3,177	2,316	1,515	1,340	173	801	8,434	51,656	6,633	2,236	3,010	82,514
1954	1,580	2,231	1,845	819	1,135	2,804	4,943	6,826	0	0	2,308	2,225	26,716
1955	912	1,863	1,518	64	185	343	488	3,338	13,279	2,585	2,003	1,071	27,648
1956	813	3,008	1,543	762	527	1,336	2,046	8,807	34,330	27,213	13,257	1,428	95,070
1957	950	2,701	1,703	615	711	634	2,244	2,206	51,694	15,362	5,613	4,241	88,674
1958	985	3,375	3,191	562	1,845	1,506	3,996	34,905	21,509	6,463	3,788	2,315	84,440
1959	905	1,922	1,743	44	291	349	2,465	4,117	17,983	1,266	1,994	1,218	34,298
1960	1,235	3,951	544	44	448	1,044	3,910	4,074	16,422	9,041	2,246	1,067	44,025
1961	2,590	1,064	516	48	61	49	0	0	10,043	732	141	2,175	17,420
1962	1,086	1,800	803	46	369	208	2,664	5,505	21,204	34,333	23,245	9,220	100,482
1963	1,479	2,424	1,248	465	797	502	0	10,154	24,237	23,588	7,318	1,564	73,774
1964	1,336	2,952	986	506	621	649	0	4,638	18,043	35,473	23,157	8,525	96,886
1965	1,264	3,774	2,732	2,329	1,947	2,062	2,329	7,447	36,395	21,213	3,427	10,366	95,285
1966	1,706	3,589	5,179	2,806	2,574	5,602	5,669	18,253	5,631	4,773	3,786	2,669	62,236
1967	1,360	3,462	1,788	931	749	1,380	622	5,029	27,518	2,905	1,344	3,256	50,343
1968	1,344	3,515	3,860	1,456	1,694	3,501	2,836	5,530	58,785	3,660	785	4,231	91,198
1969	1,284	4,214	4,142	2,804	3,001	2,846	4,405	64,213	22,797	0	0	1,536	111,243
1970	1,487	4,080	3,090	2,660	2,301	3,002	0	31,033	33,255	4,678	1,540	3,038	90,163
1971	1,532	6,298	4,660	5,016	5,279	4,933	3,452	39,430	43,196	3,889	1,166	2,251	121,102
1972	1,914	6,240	5,199	4,313	5,497	6,941	6,493	44,895	29,574	1,421	517	337	113,341
1973	1,827	6,264	4,479	3,897	3,628	5,474	3,619	36,327	31,377	3,357	0	5,166	105,414
1974	1,121	3,482	2,286	690	690	645	875	58,703	34,742	3,277	1,619	1,851	109,982
1975	1,855	1,852	2,549	1,214	1,605	1,852	459	8,066	60,897	28,545	1,671	4,359	114,924
1976	1,405	3,332	2,912	1,817	1,059	1,137	1,281	36,088	12,318	3,084	3,234	1,969	69,636
1977	1,801	1,546	1,472	720	741	1,435	2,732	1,456	862	0	0	0	12,766
1978	2,160	1,442	366	110	457	1,411	0	206	41,367	28,876	16,289	2,461	95,144
1979	2,994	2,315	2,040	932	1,329	2,963	2,139	8,750	5,029	430	1,416	1,936	32,274
1980	1,861	1,342	1,315	1,121	1,251	2,454	2,625	7,564	20,159	4,019	1,891	4,042	49,644
1981	2,140	3,701	2,440	1,219	1,175	1,224	396	12,167	26,765	5,113	2,449	2,471	61,261
1982	1,233	3,106	801	535	715	2,119	927	26,586	33,012	13,870	483	3,065	86,453
1983	1,397	877	2,300	915	5,914	25,824	2,436	17,162	43,121	16,596	45	3,956	120,542
1984	1,550	993	3,135	2,598	8,227	10,673	17,136	33,850	39,881	13,295	0	2,370	133,708
1985	1,330	884	853	730	2,102	3,447	17,713	34,231	20,691	27	1,119	1,866	84,995
1986	1,413	5,115	1,039	807	26	30,883	13,756	30,829	48,278	12,637	0	0	144,784
1987	2,601	1,712	1,633	1,453	2,736	5,338	19,437	42,727	3,216	4,110	5,693	5,965	96,622
1988	2,464	1,496	1,441	344	1,137	1,522	128	4,335	12,466	0	0	817	26,150
1989	4,038	1,461	1,422	325	161	1,148	0	10,927	21,124	10,541	810	684	52,641
1990	1,704	1,565	1,452	1,021	1,285	1,522	3,212	2,184	16,479	0	0	0	30,424
1991	2,398	1,564	1,478	187	350	1,301	2,278	1,291	16,723	9,351	1,021	1,647	39,588
1992	2,076	1,249	1,132	532	1,180	221	0	10,374	9,935	0	1,080	1,118	28,897
1993	687	416	420	343	319	447	825	682	13,749	8,195	3,712	0	29,793
1994	1,952	1,194	1,219	717	1,411	2,390	0	1,383	6,758	8,335	2,840	0	28,198
1995	2,988	2,647	2,903	2,566	2,761	4,402	4,441	3,722	12,643	28,958	0	1,634	69,662
1996	2,487	1,566	1,586	1,290	3,019	5,354	2,693	34,029	35,983	2,791	8,015	6,643	105,457
1997	1,432	2,648	1,941	1,600	597	0	14,141	33,192	33,259	2,216	67	2,111	93,204
1998	1,034	863	826	479	261	842	5,234	26,343	30,224	13,286	7	1,717	81,116
1999	1,657	1,120	1,071	776	2,599	4,729	10,779	35,962	34,422	6,380	3,312	4,277	107,084
Average	1,662	2,668	2,146	1,280	1,712	3,459	3,881	19,015	26,358	8,932	3,233	2,796	77,141
Maximum	4,038	6,298	6,161	5,016	8,227	30,883	19,437	64,213	60,897	35,473	23,245	10,366	144,784
Minimum	687	416	366	44	26	0	0	0	0	0	0	0	12,766

P-1c
Bonneville Unit Operations (cfs)
Provo River Release from Jordanelle
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	33	93	39	32	32	35	53	575	715	123	44	56	153
1951	20	72	100	46	52	89	75	820	610	80	36	100	176
1952	21	37	59	40	50	76	130	601	605	26	1	45	141
1953	20	53	38	25	24	3	13	137	868	108	36	51	114
1954	26	37	30	13	20	46	83	111	0	0	38	37	37
1955	15	31	25	1	3	6	8	54	223	42	33	18	38
1956	13	51	25	12	9	22	34	143	577	443	216	24	131
1957	15	45	28	10	13	10	38	36	869	250	91	71	122
1958	16	57	52	9	33	24	67	568	361	105	62	39	117
1959	15	32	28	1	5	6	41	67	302	21	32	20	47
1960	20	66	9	1	8	17	66	66	276	147	37	18	61
1961	42	18	8	1	1	1	0	0	169	12	2	37	24
1962	18	30	13	1	7	3	45	90	356	558	378	155	139
1963	24	41	20	8	14	8	0	165	407	384	119	26	102
1964	22	50	16	8	11	11	0	75	303	577	377	143	133
1965	21	63	44	38	35	34	39	121	612	345	56	174	132
1966	28	60	84	46	46	91	95	297	95	78	62	45	86
1967	22	58	29	15	13	22	10	82	462	47	22	55	70
1968	22	59	63	24	29	57	48	90	988	60	13	71	126
1969	21	71	67	46	54	46	74	1,044	383	0	0	26	154
1970	24	69	50	43	41	49	0	505	559	76	25	51	125
1971	25	106	76	82	95	80	58	641	726	63	19	38	167
1972	31	105	85	70	96	113	109	730	497	23	8	6	156
1973	30	105	73	63	65	89	61	591	527	55	0	87	146
1974	18	59	37	11	12	10	15	955	584	53	26	31	152
1975	30	31	41	20	29	30	8	131	1,023	464	27	73	159
1976	23	56	47	30	18	18	22	587	207	50	53	33	96
1977	29	26	24	12	13	23	46	24	14	0	0	0	18
1978	35	24	6	2	8	23	0	3	695	470	265	41	131
1979	49	39	33	15	24	48	36	142	85	7	23	33	45
1980	30	23	21	18	22	40	44	123	339	65	31	68	68
1981	35	62	40	20	21	20	7	198	450	83	40	42	85
1982	20	52	13	9	13	34	16	432	555	226	8	52	119
1983	23	15	37	15	106	420	41	279	725	270	1	66	167
1984	25	17	51	42	143	174	288	551	670	216	0	40	184
1985	22	15	14	12	38	56	298	557	348	0	18	31	117
1986	23	86	17	13	0	502	231	501	811	206	0	0	200
1987	42	29	27	24	49	87	327	695	54	67	93	100	133
1988	40	25	23	6	20	25	2	71	210	0	0	14	36
1989	66	25	23	5	3	19	0	178	355	171	13	11	73
1990	28	26	24	17	23	25	54	36	277	0	0	0	42
1991	39	26	24	3	6	21	38	21	281	152	17	28	55
1992	34	21	18	9	21	4	0	169	167	0	18	19	40
1993	11	7	7	6	6	7	14	11	231	133	60	0	41
1994	32	20	20	12	25	39	0	22	114	136	46	0	39
1995	49	44	47	42	50	72	75	61	212	471	0	27	96
1996	40	26	26	21	52	87	45	553	605	45	130	112	145
1997	23	45	32	26	11	0	238	540	559	36	1	35	129
1998	17	15	13	8	5	14	88	428	508	216	0	29	112
1999	27	19	17	13	47	77	181	585	579	104	54	72	148
Average	27	45	35	21	30	56	65	309	443	145	53	47	106
Maximum	66	106	100	82	143	502	327	1,044	1,023	577	378	174	200
Minimum	11	7	6	1	0	0	0	0	0	0	0	0	18

P-1d
Bonneville Unit Operations (acre-feet)
Provo River Release from Jordanelle
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	2,612	81	966	333	357	125	4,800	20,318	24,258	11,519	10,197	4,533	80,099
1951	2,053	2,009	341	509	237	186	1,650	18,631	32,094	11,166	9,640	6,176	84,693
1952	3,045	3,648	2,541	2,430	2,738	3,421	13,385	42,836	37,628	13,042	11,102	7,599	143,415
1953	2,433	1,172	522	109	190	306	1,431	12,351	29,980	13,093	7,743	4,192	73,522
1954	2,218	960	1,577	475	276	1,684	3,214	17,381	10,158	10,965	3,406	2,312	54,626
1955	1,646	1,270	1,532	575	620	407	1,588	13,581	13,084	13,883	3,936	2,150	54,272
1956	2,129	1,480	994	821	730	1,209	3,127	11,284	16,563	19,645	11,782	4,595	74,360
1957	3,075	1,245	1,254	568	225	1,014	2,148	10,300	21,511	28,107	13,940	3,956	87,343
1958	2,862	635	2,087	1,118	877	1,022	1,715	9,915	13,813	15,291	6,464	3,583	59,382
1959	2,349	830	1,449	576	561	562	1,698	14,882	14,625	13,021	4,701	2,087	57,341
1960	2,669	1,488	1,103	651	807	921	1,203	14,434	14,153	8,807	3,791	1,556	51,583
1961	1,904	735	765	774	669	514	1,754	8,053	7,594	6,721	3,409	3,268	36,159
1962	1,908	1,081	1,548	1,032	303	542	2,756	11,141	14,155	21,858	15,195	6,500	78,019
1963	3,017	1,928	1,856	1,059	596	875	1,291	11,523	15,722	15,812	6,927	2,877	63,483
1964	3,375	1,657	1,536	1,271	1,027	1,059	699	9,171	16,965	22,911	15,506	5,974	81,150
1965	1,878	1,076	1,189	1,427	1,081	1,738	2,141	12,663	25,723	16,591	8,842	7,091	81,441
1966	3,067	490	1,235	982	574	228	4,799	22,934	12,885	9,885	3,520	2,587	63,186
1967	2,696	467	1,442	835	702	666	1,118	11,083	12,908	22,744	16,307	12,805	83,772
1968	3,154	806	1,737	882	366	1,623	768	10,773	21,555	16,143	8,013	5,304	71,125
1969	3,450	789	1,082	209	664	695	2,052	12,421	37,629	15,543	7,755	4,282	86,571
1970	3,415	361	1,156	978	750	645	1,313	21,116	13,848	14,485	8,846	4,626	71,539
1971	3,472	753	2,228	1,166	601	2,580	2,022	12,506	46,808	14,507	9,558	4,421	100,623
1972	3,571	352	1,689	1,781	826	2,182	1,341	26,788	13,885	16,887	7,869	4,619	81,788
1973	3,217	187	1,792	963	576	956	178	9,886	34,566	13,767	8,496	5,371	79,955
1974	3,706	606	2,637	1,254	1,062	498	887	15,363	37,580	15,733	9,739	4,297	93,362
1975	3,214	974	1,155	747	701	261	937	8,149	35,298	15,894	11,491	6,559	85,381
1976	4,439	533	2,240	1,607	1,021	1,268	1,631	12,392	16,586	13,316	5,422	3,397	63,850
1977	3,092	1,233	1,231	510	398	1,193	2,945	6,100	8,057	8,697	2,309	3,285	39,049
1978	1,516	1,416	419	456	615	0	1,026	14,647	26,169	20,667	12,593	3,008	82,532
1979	4,306	1,190	655	669	739	1,358	1,694	11,261	14,132	16,603	3,803	2,138	58,547
1980	3,749	1,505	1,474	0	616	863	421	7,556	12,771	18,123	7,035	4,056	58,168
1981	3,530	667	1,864	890	423	798	2,572	12,232	23,537	11,522	3,119	1,547	62,701
1982	4,534	3,027	3,417	1,530	1,264	2,036	1,517	17,905	31,363	18,563	9,156	8,266	102,579
1983	3,545	3,384	1,330	873	3,585	44,474	4,838	9,014	48,223	14,186	9,626	12,164	155,242
1984	4,305	1,760	2,602	718	4,701	11,904	27,021	19,977	30,726	19,396	9,590	8,403	141,105
1985	3,867	2,181	1,539	541	336	523	14,020	39,704	11,690	16,282	10,109	7,329	108,120
1986	3,825	1,525	2,167	723	0	33,672	7,424	19,122	42,931	17,148	8,818	5,631	142,986
1987	2,177	1,140	1,526	754	432	4,577	6,675	15,888	10,758	14,636	6,734	5,898	71,195
1988	3,459	1,623	1,276	737	928	952	5,613	14,237	10,607	9,302	2,229	2,596	53,559
1989	2,774	1,606	1,338	694	347	689	8,939	14,807	14,235	11,963	2,997	1,951	62,340
1990	3,105	860	1,827	1,233	1,357	1,266	3,112	15,350	12,908	11,692	4,481	3,325	60,516
1991	1,982	1,853	1,588	838	611	896	2,692	14,960	13,194	12,932	5,243	3,517	60,306
1992	3,494	289	414	545	0	811	1,587	15,158	7,764	12,110	2,853	1,964	46,988
1993	3,576	1,473	1,567	286	704	237	2,666	16,968	24,231	22,177	6,013	2,309	82,207
1994	3,558	951	1,155	25	66	212	1,735	16,797	19,185	10,140	3,307	2,794	59,924
1995	1,993	494	303	198	153	122	1,831	13,752	9,646	48,504	21,456	3,417	101,868
1996	3,004	2,718	2,739	1,203	139	0	324	11,539	42,933	17,577	6,794	4,781	93,751
1997	4,841	2,474	1,629	1,497	1,473	0	13,498	28,928	23,922	21,193	4,138	4,125	107,717
1998	4,983	3,248	2,971	711	1,208	1,425	1,677	24,769	25,816	10,922	7,234	8,141	93,104
1999	2,338	2,966	1,942	911	0	302	12,116	19,616	24,933	19,928	9,009	6,798	100,861
Average	3,083	1,344	1,533	834	785	2,710	3,752	15,643	21,626	15,912	7,845	4,683	79,748
Maximum	4,983	3,648	3,417	2,430	4,701	44,474	27,021	42,836	48,223	48,504	21,456	12,805	155,242
Minimum	1,516	81	303	0	0	0	178	6,100	7,594	6,721	2,229	1,547	36,159

P-1d
Bonneville Unit Operations (cfs)
Provo River Release from Jordanelle
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	42	1	16	5	6	2	81	330	408	187	166	76	111
1951	33	34	6	8	4	3	28	303	539	182	157	104	117
1952	50	61	41	40	48	56	225	697	632	212	181	128	198
1953	40	20	8	2	3	5	24	201	504	213	126	70	102
1954	36	16	26	8	5	27	54	283	171	178	55	39	75
1955	27	21	25	9	11	7	27	221	220	226	64	36	75
1956	35	25	16	13	13	20	53	184	278	320	192	77	102
1957	50	21	20	9	4	16	36	168	362	457	227	66	121
1958	47	11	34	18	16	17	29	161	232	249	105	60	82
1959	38	14	24	9	10	9	29	242	246	212	76	35	79
1960	43	25	18	11	14	15	20	235	238	143	62	26	71
1961	31	12	12	13	12	8	29	131	128	109	55	55	50
1962	31	18	25	17	5	9	46	181	238	355	247	109	108
1963	49	32	30	17	11	14	22	187	264	257	113	48	88
1964	55	28	25	21	18	17	12	149	285	373	252	100	112
1965	31	18	19	23	19	28	36	206	432	270	144	119	112
1966	50	8	20	16	10	4	81	373	217	161	57	43	87
1967	44	8	23	14	13	11	19	180	217	370	265	215	116
1968	51	14	28	14	6	26	13	175	362	263	130	89	98
1969	56	13	18	3	12	11	34	202	632	253	126	72	120
1970	56	6	19	16	14	10	22	343	233	236	144	78	99
1971	56	13	36	19	11	42	34	203	787	236	155	74	139
1972	58	6	27	29	14	35	23	436	233	275	128	78	113
1973	52	3	29	16	10	16	3	161	581	224	138	90	110
1974	60	10	43	20	19	8	15	250	632	256	158	72	129
1975	52	16	19	12	13	4	16	133	593	258	187	110	118
1976	72	9	36	26	18	21	27	202	279	217	88	57	88
1977	50	21	20	8	7	19	49	99	135	141	38	55	54
1978	25	24	7	7	11	0	17	238	440	336	205	51	114
1979	70	20	11	11	13	22	28	183	237	270	62	36	81
1980	61	25	24	0	11	14	7	123	215	295	114	68	80
1981	57	11	30	14	8	13	43	199	396	187	51	26	87
1982	74	51	56	25	23	33	25	291	527	302	149	139	142
1983	58	57	22	14	65	723	81	147	810	231	157	204	214
1984	70	30	42	12	82	194	454	325	516	315	156	141	194
1985	63	37	25	9	6	9	236	646	196	265	164	123	149
1986	62	26	35	12	0	548	125	311	721	279	143	95	198
1987	35	19	25	12	8	74	112	258	181	238	110	99	98
1988	56	27	21	12	16	15	94	232	178	151	36	44	74
1989	45	27	22	11	6	11	150	241	239	195	49	33	86
1990	50	14	30	20	24	21	52	250	217	190	73	56	84
1991	32	31	26	14	11	15	45	243	222	210	85	59	83
1992	57	5	7	9	0	13	27	247	130	197	46	33	65
1993	58	25	25	5	13	4	45	276	407	361	98	39	114
1994	58	16	19	0	1	3	29	273	322	165	54	47	83
1995	32	8	5	3	3	2	31	224	162	789	349	57	141
1996	49	46	45	20	2	0	5	188	722	286	110	80	129
1997	79	42	27	24	27	0	227	470	402	345	67	69	149
1998	81	55	48	12	22	23	28	403	434	178	118	137	129
1999	38	50	32	15	0	5	204	319	419	324	147	114	139
Average	50	23	25	14	14	44	63	254	363	259	128	79	110
Maximum	81	61	56	40	82	723	454	697	810	789	349	215	214
Minimum	25	1	5	0	0	0	3	99	128	109	36	26	50

P-2a
Bonneville Unit Operations (acre-feet)
Provo River from Timpanogos to River Ditch
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	8,633	8,926	8,072	7,695	6,994	7,686	10,132	56,021	67,948	26,579	24,220	16,673	249,579
1951	8,548	8,926	9,223	9,223	8,331	9,223	8,209	69,360	70,732	25,390	23,646	21,070	271,880
1952	8,918	8,926	9,223	9,223	8,628	11,671	21,501	80,706	74,701	20,828	19,895	17,555	291,774
1953	8,952	7,529	8,152	7,795	7,132	7,992	9,059	24,295	82,676	28,899	25,322	17,258	235,061
1954	9,556	8,368	8,820	8,456	7,436	9,379	13,838	30,187	16,795	25,198	26,288	17,822	182,144
1955	9,430	8,328	8,562	8,575	7,763	8,206	8,786	23,174	32,111	31,685	26,179	18,241	191,042
1956	8,888	8,109	7,956	8,049	7,604	8,092	10,352	23,315	55,954	59,741	43,068	21,033	262,163
1957	9,661	7,832	8,032	7,961	6,993	8,244	9,129	16,050	76,102	51,719	31,590	17,595	250,908
1958	9,701	8,877	9,204	8,479	7,637	7,836	8,646	46,715	40,269	32,695	26,575	17,130	223,764
1959	9,573	7,868	8,270	8,236	7,328	8,038	10,956	26,682	39,049	30,389	26,689	15,958	199,037
1960	9,931	9,060	8,462	8,311	7,728	7,980	8,585	24,984	37,085	34,449	29,938	20,956	207,469
1961	9,055	8,926	8,418	8,431	7,575	8,170	9,136	17,855	23,469	26,576	24,340	14,994	166,944
1962	9,269	8,682	8,776	8,691	7,023	8,103	8,757	19,816	40,201	64,260	52,323	28,828	264,727
1963	9,840	8,238	8,793	8,655	7,538	8,259	8,581	25,852	45,829	51,995	31,060	15,394	230,033
1964	9,850	8,229	8,629	8,653	7,844	8,355	7,949	15,998	38,617	66,416	52,986	28,305	261,831
1965	9,106	8,514	7,999	8,333	7,195	8,550	8,046	22,132	65,529	43,716	21,018	23,136	233,275
1966	9,250	8,421	9,223	8,858	7,539	9,223	13,299	43,934	24,558	30,203	25,486	16,490	206,485
1967	9,676	7,905	8,101	8,191	7,331	7,842	8,388	20,214	44,154	33,874	30,120	24,246	210,043
1968	9,987	8,926	9,223	8,596	7,618	9,223	8,215	19,918	82,444	28,912	21,896	18,472	233,430
1969	9,902	8,926	9,223	8,723	8,331	8,419	8,014	77,076	63,867	23,916	18,982	14,310	259,689
1970	9,774	8,926	9,223	8,790	7,792	8,331	8,615	56,259	50,025	28,623	25,418	16,933	238,710
1971	9,872	8,926	9,223	9,223	8,331	9,770	8,280	53,553	91,867	26,594	23,574	15,585	274,797
1972	9,912	8,926	9,223	9,223	8,673	10,060	8,824	72,073	46,086	28,395	23,239	14,376	249,011
1973	9,656	8,926	9,223	9,223	8,331	9,382	7,471	47,737	68,822	25,699	22,167	18,595	245,232
1974	10,018	8,926	9,122	8,510	7,457	7,920	8,180	76,683	75,586	30,690	29,602	17,950	290,644
1975	9,516	8,675	8,880	8,433	7,602	7,904	8,230	23,153	95,961	52,465	30,961	19,750	281,530
1976	10,334	9,167	9,074	8,882	7,814	8,036	8,399	49,466	33,187	30,252	27,493	21,212	223,315
1977	9,502	8,416	8,362	8,470	7,588	8,318	10,252	13,756	17,039	17,997	15,466	18,378	143,545
1978	8,428	7,930	7,870	8,072	7,264	7,686	8,319	21,677	72,939	64,989	48,047	19,671	282,893
1979	9,740	7,914	8,341	8,355	7,429	8,938	8,434	21,983	23,571	31,293	25,855	16,670	178,524
1980	9,546	8,007	8,208	7,686	7,349	8,765	7,803	16,568	34,899	31,120	24,322	18,328	182,602
1981	9,459	9,623	9,723	8,389	7,365	8,046	9,655	28,400	54,734	26,018	22,047	14,753	208,213
1982	9,631	9,237	9,544	8,175	7,206	9,383	7,728	47,803	67,627	40,782	24,167	19,858	261,142
1983	9,099	9,727	8,923	8,561	14,263	74,042	7,869	28,517	94,596	42,474	24,563	24,403	347,036
1984	9,502	7,919	8,427	8,404	15,962	26,291	45,625	57,216	73,698	42,299	22,206	21,500	339,048
1985	8,486	8,230	8,198	8,227	7,278	7,686	33,349	77,881	36,878	31,658	29,122	20,501	277,495
1986	9,121	9,664	8,630	8,409	6,942	69,222	23,945	55,067	95,890	43,708	18,208	13,934	362,741
1987	8,428	8,516	8,601	9,223	7,774	13,891	29,927	59,418	18,077	29,946	35,940	27,659	257,401
1988	9,225	8,217	8,096	8,216	7,435	7,724	12,416	26,103	25,362	17,400	20,002	12,992	163,190
1989	9,981	8,470	8,477	8,571	7,545	8,648	14,425	31,239	44,589	36,934	25,150	14,539	218,568
1990	10,028	7,702	9,026	8,789	7,815	8,413	9,694	21,432	33,120	19,153	16,000	13,467	164,638
1991	9,228	8,757	8,624	8,717	7,606	8,029	9,742	18,649	34,551	34,361	23,070	15,644	186,978
1992	10,081	7,925	8,083	8,459	7,377	8,739	9,341	36,131	22,159	28,486	22,715	13,487	182,982
1993	10,069	7,482	7,729	7,729	6,985	7,729	7,588	19,981	41,628	38,154	23,763	13,212	192,049
1994	9,471	7,493	7,821	7,754	7,051	7,918	9,101	21,885	30,264	29,642	22,136	12,006	172,541
1995	8,867	7,931	7,989	7,754	7,095	7,808	9,154	20,139	26,129	84,480	32,118	12,784	232,249
1996	9,000	9,764	9,936	9,223	8,628	9,329	7,889	48,350	80,493	30,352	28,780	20,357	272,100
1997	9,536	8,926	9,223	9,223	8,331	7,686	34,502	65,532	61,408	37,180	22,658	17,666	291,871
1998	10,104	9,472	9,201	7,894	7,611	7,686	8,234	54,153	59,175	33,008	20,514	19,915	246,967
1999	7,948	9,457	8,429	8,391	6,942	8,769	24,196	58,561	62,427	36,020	25,143	20,863	277,146
Average	9,426	8,575	8,676	8,482	7,888	11,453	12,135	38,273	51,897	35,752	26,721	18,249	237,529
Maximum	10,334	9,764	9,936	9,223	15,962	74,042	45,625	80,706	95,961	84,480	52,986	28,828	362,741
Minimum	7,948	7,482	7,729	7,686	6,942	7,686	7,471	13,756	16,795	17,400	15,466	12,006	143,545

P-2a
Bonneville Unit Operations (cfs)
Provo River from Timpanogos to River Ditch
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	140	150	131	125	126	125	170	911	1,142	432	394	280	345
1951	139	150	150	150	150	150	138	1,128	1,189	413	385	354	376
1952	145	150	150	150	150	190	361	1,313	1,255	339	324	295	402
1953	146	127	133	127	128	130	152	395	1,389	470	412	290	325
1954	155	141	143	138	134	153	233	491	282	410	428	300	252
1955	153	140	139	139	140	133	148	377	540	515	426	307	264
1956	145	136	129	131	132	132	174	379	940	972	700	353	361
1957	157	132	131	129	126	134	153	261	1,279	841	514	296	347
1958	158	149	150	138	138	127	145	760	677	532	432	288	309
1959	156	132	135	134	132	131	184	434	656	494	434	268	275
1960	162	152	138	135	134	130	144	406	623	560	487	352	286
1961	147	150	137	137	136	133	154	290	394	432	396	252	231
1962	151	146	143	141	126	132	147	322	676	1,045	851	484	366
1963	160	138	143	141	136	134	144	420	770	846	505	259	318
1964	160	138	140	141	136	136	134	260	649	1,080	862	476	361
1965	148	143	130	136	130	139	135	360	1,101	711	342	389	322
1966	150	142	150	144	136	150	224	715	413	491	415	277	285
1967	157	133	132	133	132	128	141	329	742	551	490	407	290
1968	162	150	150	140	132	150	138	324	1,386	470	356	310	322
1969	161	150	150	142	150	137	135	1,254	1,073	389	309	241	359
1970	159	150	150	143	140	135	145	915	841	466	413	285	330
1971	161	150	150	150	150	159	139	871	1,544	433	383	262	380
1972	161	150	150	150	151	164	148	1,172	775	462	378	242	343
1973	157	150	150	150	150	153	126	776	1,157	418	361	313	339
1974	163	150	148	138	134	129	137	1,247	1,270	499	481	302	401
1975	155	146	144	137	137	129	138	377	1,613	853	504	332	389
1976	168	154	148	144	136	131	141	805	558	492	447	356	308
1977	155	141	136	138	137	135	172	224	286	293	252	309	198
1978	137	133	128	131	131	125	140	353	1,226	1,057	781	331	391
1979	158	133	136	136	134	145	142	358	396	509	421	280	247
1980	155	135	133	125	128	143	131	269	587	506	396	308	252
1981	154	162	158	136	133	131	162	462	920	423	359	248	288
1982	157	155	155	133	130	153	130	777	1,137	663	393	334	361
1983	148	163	145	139	257	1,204	132	464	1,590	691	399	410	479
1984	155	133	137	137	278	428	767	931	1,239	688	361	361	467
1985	138	138	133	134	131	125	560	1,267	620	515	474	345	383
1986	148	162	140	137	125	1,126	402	896	1,612	711	296	234	501
1987	137	143	140	150	140	226	503	966	304	487	585	465	356
1988	150	138	132	134	129	126	209	425	426	283	325	218	225
1989	162	142	138	139	136	141	242	508	749	601	409	244	302
1990	163	129	147	143	141	137	163	349	557	312	260	226	227
1991	150	147	140	142	137	131	164	303	581	559	375	263	258
1992	164	133	131	138	128	142	157	588	372	463	369	227	252
1993	164	126	126	126	126	126	128	325	700	621	386	222	265
1994	154	126	127	126	127	129	153	356	509	482	360	202	238
1995	144	133	130	126	128	127	154	328	439	1,374	522	215	321
1996	146	164	162	150	150	152	133	786	1,353	494	468	342	375
1997	155	150	150	150	150	125	580	1,066	1,032	605	369	297	403
1998	164	159	150	128	137	125	138	881	994	537	334	335	341
1999	129	159	137	136	125	143	407	952	1,049	586	409	351	383
Average	153	144	141	138	141	186	204	622	872	581	435	307	328
Maximum	168	164	162	150	278	1,204	767	1,313	1,613	1,374	862	484	501
Minimum	129	126	126	125	125	125	126	224	282	283	252	202	198

P-2b

Bonneville Unit Operations (acre-feet)

Provo River from Timpanogos to River Ditch

CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	4,057	3,284	4,707	5,402	4,880	5,380	2,205	2,345	3,503	8,960	12,699	9,648	67,070
1951	5,335	2,651	2,721	5,873	5,231	3,570	2,256	2,280	4,738	10,914	13,215	9,754	68,536
1952	4,651	3,092	3,074	4,334	3,030	3,570	429	2,192	3,414	7,454	9,993	8,110	53,342
1953	5,354	3,180	5,314	6,171	5,603	7,513	6,883	5,452	3,380	11,038	16,958	10,948	87,794
1954	5,816	5,176	5,398	7,162	6,025	4,891	5,896	7,578	8,089	15,829	21,878	14,028	107,769
1955	6,930	5,195	5,513	7,936	6,957	7,457	6,863	7,983	7,311	17,017	21,840	15,916	116,918
1956	6,005	3,621	5,419	6,466	6,347	5,547	5,381	4,852	6,685	14,462	19,496	15,866	100,147
1957	5,694	3,886	5,075	6,778	6,057	6,596	4,794	5,204	4,557	10,107	13,666	10,280	82,693
1958	5,911	4,868	3,927	6,799	4,915	5,308	2,991	3,352	6,490	12,476	17,786	12,088	86,910
1959	6,377	5,115	5,078	7,616	6,476	7,127	6,849	9,383	8,106	17,933	21,537	13,508	115,106
1960	6,086	3,621	6,815	7,616	6,472	6,015	3,528	7,063	7,407	18,004	24,668	18,746	116,043
1961	4,619	7,126	7,137	7,608	6,845	7,606	7,438	10,388	6,773	19,849	21,371	9,980	116,741
1962	6,333	5,801	6,425	7,613	6,351	7,353	3,412	4,852	6,386	9,662	15,140	13,829	93,156
1963	5,401	3,886	5,689	7,131	6,145	6,882	7,438	5,602	7,503	14,212	17,837	11,622	99,349
1964	5,197	3,621	6,107	6,875	6,195	6,648	7,305	3,470	5,352	10,009	16,024	14,724	91,527
1965	6,022	3,665	4,077	4,577	4,167	4,750	3,632	4,010	5,512	7,614	10,239	6,574	64,838
1966	4,535	4,343	2,810	5,070	4,391	3,394	2,887	4,492	7,504	16,990	19,396	11,945	87,757
1967	5,677	3,976	4,871	6,426	5,881	5,796	6,704	5,734	5,263	9,939	13,990	9,082	83,338
1968	5,546	4,605	3,626	6,257	5,558	4,099	4,667	5,116	3,679	10,947	14,728	9,838	78,666
1969	5,226	3,923	3,999	5,709	4,666	4,877	1,613	2,280	5,002	9,943	12,701	9,336	69,276
1970	4,931	4,485	4,978	5,152	4,741	4,684	7,358	5,734	4,461	11,261	16,643	10,170	84,596
1971	4,927	1,875	2,335	3,041	2,451	2,257	2,861	3,427	3,767	9,827	14,303	9,750	60,821
1972	4,485	2,334	2,335	3,129	2,350	937	1,046	2,313	4,257	11,733	16,427	10,344	61,690
1973	4,671	2,474	2,953	4,364	4,127	2,953	3,730	3,074	4,473	10,146	15,119	8,881	66,965
1974	5,249	4,837	4,199	6,565	5,705	6,777	6,474	4,333	4,882	13,302	19,808	12,695	94,827
1975	4,505	5,849	5,176	6,472	5,295	5,791	6,890	8,197	1,222	9,431	19,051	9,590	87,468
1976	4,548	5,301	3,923	5,457	5,735	5,632	5,543	2,686	5,913	15,471	20,425	16,690	97,325
1977	4,668	5,637	5,660	7,240	6,449	5,690	4,666	6,841	9,449	10,679	14,236	15,689	96,904
1978	4,811	5,072	7,085	7,506	6,192	6,275	7,349	8,619	7,182	17,101	20,659	15,056	112,907
1979	2,498	4,409	5,646	6,754	5,361	4,618	4,657	3,645	6,017	15,895	22,073	13,425	94,998
1980	3,994	5,161	5,419	6,565	5,482	5,448	4,814	2,700	3,466	10,314	16,660	10,981	81,004
1981	3,847	5,255	5,419	6,280	5,768	6,024	6,962	5,799	6,191	11,144	17,879	11,509	92,077
1982	3,921	3,104	5,326	6,110	5,227	5,227	5,340	4,572	4,708	9,896	16,009	9,400	78,841
1983	4,214	5,466	5,293	6,772	4,764	3,744	651	3,259	4,503	13,292	16,526	9,110	77,596
1984	3,705	5,166	2,691	5,088	3,034	3,713	1,523	4,502	4,492	11,205	14,135	11,680	70,935
1985	3,347	5,165	5,806	6,956	4,840	3,716	1,697	5,288	5,977	17,022	19,455	12,196	91,465
1986	3,941	3,024	5,424	6,879	6,916	4,667	2,822	6,249	6,092	15,314	10,806	9,062	81,195
1987	3,708	5,664	5,441	7,016	4,606	3,975	4,294	2,787	5,917	12,921	24,932	16,583	97,844
1988	3,361	5,098	5,379	7,135	5,371	5,250	7,230	9,303	4,006	9,493	18,933	10,230	90,790
1989	3,227	5,403	5,717	7,551	7,038	6,811	6,055	7,517	10,912	15,981	22,668	12,674	111,554
1990	5,278	5,277	5,747	6,535	5,173	5,626	3,484	5,437	5,370	9,050	12,920	10,945	80,842
1991	4,907	5,339	5,559	7,692	6,645	5,832	4,887	3,937	6,272	13,666	18,208	11,283	94,227
1992	4,569	6,388	6,537	7,382	6,197	7,706	7,869	12,138	6,097	17,697	20,017	11,159	113,756
1993	5,865	5,594	5,743	7,100	5,962	7,046	4,211	3,870	5,286	9,370	15,440	11,706	87,192
1994	4,019	5,348	5,448	7,012	5,574	5,316	7,481	5,244	5,958	12,756	17,308	9,965	91,430
1995	3,944	4,791	4,783	4,990	4,181	3,284	2,997	4,205	5,478	8,607	12,064	8,536	67,861
1996	3,567	5,479	5,611	6,730	5,470	3,975	4,986	4,321	3,214	11,573	15,373	9,735	80,035
1997	3,322	3,804	5,653	6,126	6,261	7,686	6,977	4,952	5,864	15,360	19,854	12,233	98,092
1998	4,145	5,361	5,405	6,703	6,142	5,419	1,438	4,580	4,772	10,390	14,674	10,860	79,889
1999	4,011	5,371	5,416	6,703	4,344	3,738	1,415	4,522	4,708	11,301	14,224	10,591	76,344
Average	4,739	4,563	4,998	6,369	5,392	5,284	4,618	5,154	5,551	12,491	17,040	11,571	87,769
Maximum	6,930	7,126	7,137	7,936	7,038	7,706	7,869	12,138	10,912	19,849	24,932	18,746	116,918
Minimum	2,498	1,875	2,335	3,041	2,350	937	429	2,192	1,222	7,454	9,993	6,574	53,342

P-2b
Bonneville Unit Operations (cfs)
Provo River from Timpanogos to River Ditch
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	66	55	77	88	88	88	37	38	59	146	207	162	93
1951	87	45	44	96	94	58	38	37	80	177	215	164	95
1952	76	52	50	70	53	58	7	36	57	121	163	136	73
1953	87	53	86	100	101	122	116	89	57	180	276	184	121
1954	95	87	88	116	108	80	99	123	136	257	356	236	149
1955	113	87	90	129	125	121	115	130	123	277	355	267	162
1956	98	61	88	105	110	90	90	79	112	235	317	267	138
1957	93	65	83	110	109	107	81	85	77	164	222	173	114
1958	96	82	64	111	89	86	50	55	109	203	289	203	120
1959	104	86	83	124	117	116	115	153	136	292	350	227	159
1960	99	61	111	124	113	98	59	115	124	293	401	315	160
1961	75	120	116	124	123	124	125	169	114	323	348	168	161
1962	103	97	104	124	114	120	57	79	107	157	246	232	129
1963	88	65	93	116	111	112	125	91	126	231	290	195	137
1964	85	61	99	112	108	108	123	56	90	163	261	247	126
1965	98	62	66	74	75	77	61	65	93	124	167	110	90
1966	74	73	46	82	79	55	49	73	126	276	315	201	121
1967	92	67	79	105	106	94	113	93	88	162	228	153	115
1968	90	77	59	102	97	67	78	83	62	178	240	165	108
1969	85	66	65	93	84	79	27	37	84	162	207	157	96
1970	80	75	81	84	85	76	124	93	75	183	271	171	117
1971	80	32	38	49	44	37	48	56	63	160	233	164	84
1972	73	39	38	51	41	15	18	38	72	191	267	174	85
1973	76	42	48	71	74	48	63	50	75	165	246	149	93
1974	85	81	68	107	103	110	109	70	82	216	322	213	131
1975	73	98	84	105	95	94	116	133	21	153	310	161	121
1976	74	89	64	89	100	92	93	44	99	252	332	280	134
1977	76	95	92	118	116	93	78	111	159	174	232	264	134
1978	78	85	115	122	112	102	124	140	121	278	336	253	156
1979	41	74	92	110	97	75	78	59	101	259	359	226	131
1980	65	87	88	107	95	89	81	44	58	168	271	185	112
1981	63	88	88	102	104	98	117	94	104	181	291	193	127
1982	64	52	87	99	94	85	90	74	79	161	260	158	109
1983	69	92	86	110	86	61	11	53	76	216	269	153	107
1984	60	87	44	83	53	60	26	73	75	182	230	196	98
1985	54	87	94	113	87	60	29	86	100	277	316	205	126
1986	64	51	88	112	125	76	47	102	102	249	176	152	112
1987	60	95	88	114	83	65	72	45	99	210	405	279	135
1988	55	86	87	116	93	85	122	151	67	154	308	172	125
1989	52	91	93	123	127	111	102	122	183	260	369	213	154
1990	86	89	93	106	93	91	59	88	90	147	210	184	112
1991	80	90	90	125	120	95	82	64	105	222	296	190	130
1992	74	107	106	120	108	125	132	197	102	288	326	188	157
1993	95	94	93	115	107	115	71	63	89	152	251	197	120
1994	65	90	89	114	100	86	126	85	100	207	282	167	126
1995	64	81	78	81	75	53	50	68	92	140	196	143	94
1996	58	92	91	109	95	65	84	70	54	188	250	164	110
1997	54	64	92	100	113	125	117	81	99	250	323	206	135
1998	67	90	88	109	111	88	24	74	80	169	239	183	110
1999	65	90	88	109	78	61	24	74	79	184	231	178	105
Average	77	77	81	104	96	86	78	84	93	203	277	194	121
Maximum	113	120	116	129	127	125	132	197	183	323	405	315	162
Minimum	41	32	38	49	41	15	7	36	21	121	163	110	73

P-2c
Bonneville Unit Operations (acre-feet)
Provo River from Timpanogos to River Ditch
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	2,021	5,561	2,400	1,959	1,758	2,181	3,183	35,377	42,573	7,592	2,724	3,333	110,662
1951	1,218	4,266	6,161	2,842	2,863	5,467	4,477	50,440	36,281	4,897	2,219	5,947	127,077
1952	1,280	2,186	3,608	2,460	2,860	4,680	7,743	36,938	36,014	1,613	76	2,651	102,110
1953	1,222	3,177	2,316	1,515	1,340	173	801	8,434	51,656	6,633	2,236	3,010	82,514
1954	1,580	2,231	1,845	819	1,135	2,804	4,943	6,826	0	0	2,308	2,225	26,716
1955	912	1,863	1,518	64	185	343	488	3,338	13,279	2,585	2,003	1,071	27,648
1956	813	3,008	1,543	762	527	1,336	2,046	8,807	34,330	27,213	13,257	1,428	95,070
1957	950	2,701	1,703	615	711	634	2,244	2,206	51,694	15,362	5,613	4,241	88,674
1958	985	3,375	3,191	562	1,845	1,506	3,996	34,905	21,509	6,463	3,788	2,315	84,440
1959	905	1,922	1,743	44	291	349	2,465	4,117	17,983	1,266	1,994	1,218	34,298
1960	1,235	3,951	544	44	448	1,044	3,910	4,074	16,422	9,041	2,246	1,067	44,025
1961	2,590	1,064	516	48	61	49	0	0	10,043	732	141	2,175	17,420
1962	1,086	1,800	803	46	369	208	2,664	5,505	21,204	34,333	23,245	9,220	100,482
1963	1,479	2,424	1,248	465	797	502	0	10,154	24,237	23,588	7,318	1,564	73,774
1964	1,336	2,952	986	506	621	649	0	4,638	18,043	35,473	23,157	8,525	96,886
1965	1,264	3,774	2,732	2,329	1,947	2,062	2,329	7,447	36,395	21,213	3,427	10,366	95,285
1966	1,706	3,589	5,179	2,806	2,574	5,602	5,669	18,253	5,631	4,773	3,786	2,669	62,236
1967	1,360	3,462	1,788	931	749	1,380	622	5,029	27,518	2,905	1,344	3,256	50,343
1968	1,344	3,515	3,860	1,456	1,694	3,501	2,836	5,530	58,785	3,660	785	4,231	91,198
1969	1,284	4,214	4,142	2,804	3,001	2,846	4,405	64,213	22,797	0	0	1,536	111,243
1970	1,487	4,080	3,090	2,660	2,301	3,002	0	31,033	33,255	4,678	1,540	3,038	90,163
1971	1,532	6,298	4,660	5,016	5,279	4,933	3,452	39,430	43,196	3,889	1,166	2,251	121,102
1972	1,914	6,240	5,199	4,313	5,497	6,941	6,493	44,895	29,574	1,421	517	337	113,341
1973	1,827	6,264	4,479	3,897	3,628	5,474	3,619	36,327	31,377	3,357	0	5,166	105,414
1974	1,121	3,482	2,286	690	690	645	875	58,703	34,742	3,277	1,619	1,851	109,982
1975	1,855	1,852	2,549	1,214	1,605	1,852	459	8,066	60,897	28,545	1,671	4,359	114,924
1976	1,405	3,332	2,912	1,817	1,059	1,137	1,281	36,088	12,318	3,084	3,234	1,969	69,636
1977	1,801	1,546	1,472	720	741	1,435	2,732	1,456	862	0	0	0	12,766
1978	2,160	1,442	366	110	457	1,411	0	206	41,367	28,876	16,289	2,461	95,144
1979	2,994	2,315	2,040	932	1,329	2,963	2,139	8,750	5,029	430	1,416	1,936	32,274
1980	1,861	1,342	1,315	1,121	1,251	2,454	2,625	7,564	20,159	4,019	1,891	4,042	49,644
1981	2,140	3,701	2,440	1,219	1,175	1,224	396	12,167	26,765	5,113	2,449	2,471	61,261
1982	1,233	3,106	801	535	715	2,119	927	26,586	33,012	13,870	483	3,065	86,453
1983	1,397	877	2,300	915	5,914	25,824	2,436	17,162	43,121	16,596	45	3,956	120,542
1984	1,550	993	3,135	2,598	8,227	10,673	17,136	33,850	39,881	13,295	0	2,370	133,708
1985	1,330	884	853	730	2,102	3,447	17,713	34,231	20,691	27	1,119	1,866	84,995
1986	1,413	5,115	1,039	807	26	30,883	13,756	30,829	48,278	12,637	0	0	144,784
1987	2,601	1,712	1,633	1,453	2,736	5,338	19,437	42,727	3,216	4,110	5,693	5,965	96,622
1988	2,464	1,496	1,441	344	1,137	1,522	128	4,335	12,466	0	0	817	26,150
1989	4,038	1,461	1,422	325	161	1,148	0	10,927	21,124	10,541	810	684	52,641
1990	1,704	1,565	1,452	1,021	1,285	1,522	3,212	2,184	16,479	0	0	0	30,424
1991	2,398	1,564	1,478	187	350	1,301	2,278	1,291	16,723	9,351	1,021	1,647	39,588
1992	2,076	1,249	1,132	532	1,180	221	0	10,374	9,935	0	1,080	1,118	28,897
1993	687	416	420	343	319	447	825	682	13,749	8,195	3,712	0	29,793
1994	1,952	1,194	1,219	717	1,411	2,390	0	1,383	6,758	8,335	2,840	0	28,198
1995	2,988	2,647	2,903	2,566	2,761	4,402	4,441	3,722	12,643	28,958	0	1,634	69,662
1996	2,487	1,566	1,586	1,290	3,019	5,354	2,693	34,029	35,983	2,791	8,015	6,643	105,457
1997	1,432	2,648	1,941	1,600	597	0	14,141	33,192	33,259	2,216	67	2,111	93,204
1998	1,034	863	826	479	261	842	5,234	26,343	30,224	13,286	7	1,717	81,116
1999	1,657	1,120	1,071	776	2,599	4,729	10,779	35,962	34,422	6,380	3,312	4,277	107,084
Average	1,662	2,668	2,146	1,280	1,712	3,459	3,881	19,015	26,358	8,932	3,233	2,796	77,141
Maximum	4,038	6,298	6,161	5,016	8,227	30,883	19,437	64,213	60,897	35,473	23,245	10,366	144,784
Minimum	687	416	366	44	26	0	0	0	0	0	0	0	12,766

P-2c
Bonneville Unit Operations (cfs)
Provo River from Timpanogos to River Ditch
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	33	93	39	32	32	35	53	575	715	123	44	56	153
1951	20	72	100	46	52	89	75	820	610	80	36	100	176
1952	21	37	59	40	50	76	130	601	605	26	1	45	141
1953	20	53	38	25	24	3	13	137	868	108	36	51	114
1954	26	37	30	13	20	46	83	111	0	0	38	37	37
1955	15	31	25	1	3	6	8	54	223	42	33	18	38
1956	13	51	25	12	9	22	34	143	577	443	216	24	131
1957	15	45	28	10	13	10	38	36	869	250	91	71	122
1958	16	57	52	9	33	24	67	568	361	105	62	39	117
1959	15	32	28	1	5	6	41	67	302	21	32	20	47
1960	20	66	9	1	8	17	66	66	276	147	37	18	61
1961	42	18	8	1	1	1	0	0	169	12	2	37	24
1962	18	30	13	1	7	3	45	90	356	558	378	155	139
1963	24	41	20	8	14	8	0	165	407	384	119	26	102
1964	22	50	16	8	11	11	0	75	303	577	377	143	133
1965	21	63	44	38	35	34	39	121	612	345	56	174	132
1966	28	60	84	46	46	91	95	297	95	78	62	45	86
1967	22	58	29	15	13	22	10	82	462	47	22	55	70
1968	22	59	63	24	29	57	48	90	988	60	13	71	126
1969	21	71	67	46	54	46	74	1,044	383	0	0	26	154
1970	24	69	50	43	41	49	0	505	559	76	25	51	125
1971	25	106	76	82	95	80	58	641	726	63	19	38	167
1972	31	105	85	70	96	113	109	730	497	23	8	6	156
1973	30	105	73	63	65	89	61	591	527	55	0	87	146
1974	18	59	37	11	12	10	15	955	584	53	26	31	152
1975	30	31	41	20	29	30	8	131	1,023	464	27	73	159
1976	23	56	47	30	18	18	22	587	207	50	53	33	96
1977	29	26	24	12	13	23	46	24	14	0	0	0	18
1978	35	24	6	2	8	23	0	3	695	470	265	41	131
1979	49	39	33	15	24	48	36	142	85	7	23	33	45
1980	30	23	21	18	22	40	44	123	339	65	31	68	68
1981	35	62	40	20	21	20	7	198	450	83	40	42	85
1982	20	52	13	9	13	34	16	432	555	226	8	52	119
1983	23	15	37	15	106	420	41	279	725	270	1	66	167
1984	25	17	51	42	143	174	288	551	670	216	0	40	184
1985	22	15	14	12	38	56	298	557	348	0	18	31	117
1986	23	86	17	13	0	502	231	501	811	206	0	0	200
1987	42	29	27	24	49	87	327	695	54	67	93	100	133
1988	40	25	23	6	20	25	2	71	210	0	0	14	36
1989	66	25	23	5	3	19	0	178	355	171	13	11	73
1990	28	26	24	17	23	25	54	36	277	0	0	0	42
1991	39	26	24	3	6	21	38	21	281	152	17	28	55
1992	34	21	18	9	21	4	0	169	167	0	18	19	40
1993	11	7	7	6	6	7	14	11	231	133	60	0	41
1994	32	20	20	12	25	39	0	22	114	136	46	0	39
1995	49	44	47	42	50	72	75	61	212	471	0	27	96
1996	40	26	26	21	52	87	45	553	605	45	130	112	145
1997	23	45	32	26	11	0	238	540	559	36	1	35	129
1998	17	15	13	8	5	14	88	428	508	216	0	29	112
1999	27	19	17	13	47	77	181	585	579	104	54	72	148
Average	27	45	35	21	30	56	65	309	443	145	53	47	106
Maximum	66	106	100	82	143	502	327	1,044	1,023	577	378	174	200
Minimum	11	7	6	1	0	0	0	0	0	0	0	0	18

P-2d
Bonneville Unit Operations (acre-feet)
Provo River from Timpanogos to River Ditch
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	2,554	81	966	333	357	125	4,744	18,299	21,872	10,027	8,797	3,692	71,847
1951	1,995	2,009	341	509	237	186	1,476	16,640	29,713	9,579	8,212	5,369	76,266
1952	2,987	3,648	2,541	2,430	2,738	3,421	13,329	41,575	35,272	11,760	9,827	6,794	136,322
1953	2,375	1,172	522	109	190	306	1,375	10,409	27,640	11,227	6,128	3,300	64,753
1954	2,160	960	1,577	475	276	1,684	2,998	15,783	8,706	9,368	2,102	1,569	47,659
1955	1,588	1,270	1,532	575	620	407	1,435	11,853	11,522	12,083	2,336	1,255	46,476
1956	2,071	1,480	994	821	730	1,209	2,925	9,657	14,939	18,066	10,315	3,739	66,946
1957	3,017	1,245	1,254	568	225	1,014	2,091	8,640	19,851	26,251	12,311	3,074	79,540
1958	2,804	635	2,087	1,118	877	1,022	1,659	8,458	12,270	13,756	5,001	2,726	52,413
1959	2,291	830	1,449	576	561	562	1,642	13,182	12,961	11,189	3,158	1,231	49,632
1960	2,611	1,488	1,103	651	807	921	1,147	13,847	13,255	7,404	3,024	1,143	47,401
1961	1,846	735	765	774	669	514	1,698	7,467	6,653	5,995	2,828	2,839	32,783
1962	1,850	1,081	1,548	1,032	303	542	2,681	9,459	12,611	20,265	13,939	5,778	71,090
1963	2,959	1,928	1,856	1,059	596	875	1,143	10,096	14,089	14,195	5,905	2,208	56,910
1964	3,317	1,657	1,536	1,271	1,027	1,059	643	7,889	15,223	20,935	13,805	5,056	73,417
1965	1,820	1,076	1,189	1,427	1,081	1,738	2,085	10,675	23,622	14,888	7,353	6,196	73,152
1966	3,009	490	1,235	982	574	228	4,743	21,189	11,423	8,440	2,304	1,876	56,492
1967	2,638	467	1,442	835	702	666	1,062	9,451	11,374	21,030	14,787	11,907	76,361
1968	3,096	806	1,737	882	366	1,623	712	9,272	19,980	14,305	6,383	4,403	63,566
1969	3,392	789	1,082	209	664	695	1,996	10,583	36,067	13,973	6,281	3,438	79,170
1970	3,357	361	1,156	978	750	645	1,257	19,492	12,310	12,685	7,235	3,725	63,951
1971	3,414	753	2,228	1,166	601	2,580	1,966	10,696	44,903	12,877	8,105	3,583	92,874
1972	3,513	352	1,689	1,781	826	2,182	1,285	24,865	12,255	15,242	6,295	3,696	73,980
1973	3,159	187	1,792	963	576	956	122	8,335	32,973	12,195	7,048	4,548	72,854
1974	3,648	606	2,637	1,254	1,062	498	831	13,646	35,962	14,111	8,175	3,404	85,835
1975	3,156	974	1,155	747	701	261	881	6,889	33,842	14,490	10,240	5,801	79,138
1976	4,381	533	2,240	1,607	1,021	1,268	1,575	10,692	14,955	11,697	3,833	2,553	56,353
1977	3,034	1,233	1,231	510	398	1,193	2,854	5,459	6,728	7,318	1,230	2,689	33,875
1978	1,458	1,416	419	456	615	0	970	12,853	24,390	19,013	11,099	2,154	74,842
1979	4,248	1,190	655	669	739	1,358	1,638	9,587	12,524	14,968	2,367	1,309	51,252
1980	3,691	1,505	1,474	0	616	863	365	6,303	11,274	16,787	5,771	3,305	51,954
1981	3,472	667	1,864	890	423	798	2,297	10,434	21,779	9,761	1,718	773	54,876
1982	4,476	3,027	3,417	1,530	1,264	2,036	1,461	16,645	29,907	17,016	7,675	7,393	95,848
1983	3,487	3,384	1,330	873	3,585	44,474	4,782	8,096	46,971	12,586	7,993	11,337	148,898
1984	4,247	1,760	2,602	718	4,701	11,904	26,965	18,864	29,325	17,798	8,071	7,450	134,405
1985	3,809	2,181	1,539	541	336	523	13,938	38,362	10,210	14,609	8,549	6,438	101,035
1986	3,767	1,525	2,167	723	0	33,672	7,368	17,989	41,520	15,757	7,402	4,872	136,762
1987	2,119	1,140	1,526	754	432	4,577	6,196	13,904	8,944	12,915	5,315	5,111	62,935
1988	3,401	1,623	1,276	737	928	952	5,058	12,464	8,891	7,908	1,069	1,945	46,250
1989	2,716	1,606	1,338	694	347	689	8,370	12,794	12,554	10,413	1,672	1,181	54,374
1990	3,047	860	1,827	1,233	1,357	1,266	2,998	13,812	11,271	10,103	3,080	2,521	53,373
1991	1,924	1,853	1,588	838	611	896	2,577	13,421	11,556	11,343	3,841	2,714	53,163
1992	3,436	289	414	545	0	811	1,472	13,619	6,126	10,789	1,617	1,211	40,329
1993	3,518	1,473	1,567	286	704	237	2,551	15,429	22,594	20,588	4,612	1,506	75,064
1994	3,500	951	1,155	25	66	212	1,620	15,258	17,548	8,551	1,987	2,041	52,913
1995	1,935	494	303	198	153	122	1,716	12,213	8,009	46,915	20,054	2,614	94,726
1996	2,946	2,718	2,739	1,203	139	0	209	10,000	41,296	15,988	5,392	3,978	86,608
1997	4,783	2,474	1,629	1,497	1,473	0	13,384	27,389	22,284	19,604	2,736	3,322	100,575
1998	4,925	3,248	2,971	711	1,208	1,425	1,562	23,230	24,179	9,333	5,832	7,338	85,961
1999	2,280	2,966	1,942	911	0	302	12,001	18,078	23,296	18,339	7,607	5,995	93,718
Average	3,025	1,344	1,533	834	785	2,710	3,637	14,105	19,988	14,329	6,448	3,882	72,618
Maximum	4,925	3,648	3,417	2,430	4,701	44,474	26,965	41,575	46,971	46,915	20,054	11,907	148,898
Minimum	1,458	81	303	0	0	0	122	5,459	6,126	5,995	1,069	773	32,783

P-2d
Bonneville Unit Operations (cfs)
Provo River from Timpanogos to River Ditch
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	42	1	16	5	6	2	80	298	368	163	143	62	99
1951	32	34	6	8	4	3	25	271	499	156	134	90	105
1952	49	61	41	40	48	56	224	676	593	191	160	114	188
1953	39	20	8	2	3	5	23	169	465	183	100	55	89
1954	35	16	26	8	5	27	50	257	146	152	34	26	66
1955	26	21	25	9	11	7	24	193	194	197	38	21	64
1956	34	25	16	13	13	20	49	157	251	294	168	63	92
1957	49	21	20	9	4	16	35	141	334	427	200	52	110
1958	46	11	34	18	16	17	28	138	206	224	81	46	72
1959	37	14	24	9	10	9	28	214	218	182	51	21	69
1960	42	25	18	11	14	15	19	225	223	120	49	19	65
1961	30	12	12	13	12	8	29	121	112	98	46	48	45
1962	30	18	25	17	5	9	45	154	212	330	227	97	98
1963	48	32	30	17	11	14	19	164	237	231	96	37	79
1964	54	28	25	21	18	17	11	128	256	340	225	85	101
1965	30	18	19	23	19	28	35	174	397	242	120	104	101
1966	49	8	20	16	10	4	80	345	192	137	37	32	78
1967	43	8	23	14	13	11	18	154	191	342	240	200	105
1968	50	14	28	14	6	26	12	151	336	233	104	74	88
1969	55	13	18	3	12	11	34	172	606	227	102	58	109
1970	55	6	19	16	14	10	21	317	207	206	118	63	88
1971	56	13	36	19	11	42	33	174	755	209	132	60	128
1972	57	6	27	29	14	35	22	404	206	248	102	62	102
1973	51	3	29	16	10	16	2	136	554	198	115	76	101
1974	59	10	43	20	19	8	14	222	604	229	133	57	119
1975	51	16	19	12	13	4	15	112	569	236	167	97	109
1976	71	9	36	26	18	21	26	174	251	190	62	43	78
1977	49	21	20	8	7	19	48	89	113	119	20	45	47
1978	24	24	7	7	11	0	16	209	410	309	181	36	103
1979	69	20	11	11	13	22	28	156	210	243	38	22	71
1980	60	25	24	0	11	14	6	103	189	273	94	56	72
1981	56	11	30	14	8	13	39	170	366	159	28	13	76
1982	73	51	56	25	23	33	25	271	503	277	125	124	132
1983	57	57	22	14	65	723	80	132	789	205	130	191	206
1984	69	30	42	12	82	194	453	307	493	289	131	125	185
1985	62	37	25	9	6	9	234	624	172	238	139	108	140
1986	61	26	35	12	0	548	124	293	698	256	120	82	189
1987	34	19	25	12	8	74	104	226	150	210	86	86	87
1988	55	27	21	12	16	15	85	203	149	129	17	33	64
1989	44	27	22	11	6	11	141	208	211	169	27	20	75
1990	50	14	30	20	24	21	50	225	189	164	50	42	74
1991	31	31	26	14	11	15	43	218	194	184	62	46	73
1992	56	5	7	9	0	13	25	221	103	175	26	20	56
1993	57	25	25	5	13	4	43	251	380	335	75	25	104
1994	57	16	19	0	1	3	27	248	295	139	32	34	73
1995	31	8	5	3	3	2	29	199	135	763	326	44	131
1996	48	46	45	20	2	0	4	163	694	260	88	67	119
1997	78	42	27	24	27	0	225	445	375	319	45	56	139
1998	80	55	48	12	22	23	26	378	406	152	95	123	119
1999	37	50	32	15	0	5	202	294	392	298	124	101	129
Average	49	23	25	14	14	44	61	229	336	233	105	65	100
Maximum	80	61	56	40	82	723	453	676	789	763	326	200	206
Minimum	24	1	5	0	0	0	2	89	103	98	17	13	45

P-2e
Bonneville Unit Operations (acre-feet)
Diversions into Timpanogos Canal
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	229	0	0	0	0	0	56	2,020	2,728	3,349	3,001	1,507	12,889
1951	229	0	0	0	0	0	175	1,991	2,723	3,519	3,095	1,332	13,064
1952	229	0	0	0	0	0	56	1,261	2,698	2,580	3,378	1,528	11,729
1953	229	0	0	0	0	0	56	1,942	2,681	3,723	3,216	1,559	13,406
1954	229	0	0	0	0	0	216	1,920	2,142	3,106	2,667	1,325	11,604
1955	229	0	0	0	0	0	152	1,728	1,950	3,633	3,184	1,556	12,432
1956	229	0	0	0	0	0	202	1,628	2,510	3,158	2,879	1,446	12,051
1957	229	0	0	0	0	0	56	1,660	2,002	3,714	3,230	1,549	12,440
1958	229	0	0	0	0	0	56	1,457	2,193	3,090	3,059	1,521	11,606
1959	229	0	0	0	0	0	56	1,907	2,392	3,380	2,935	1,448	12,346
1960	229	0	0	0	0	0	56	627	1,445	2,519	2,022	873	7,772
1961	229	0	0	0	0	0	56	612	1,664	1,985	1,648	771	6,966
1962	229	0	0	0	0	0	75	1,682	1,886	3,524	2,788	1,383	11,566
1963	229	0	0	0	0	0	148	1,757	2,552	3,041	2,272	1,211	11,210
1964	229	0	0	0	0	0	56	1,282	2,084	3,833	3,302	1,585	12,370
1965	229	0	0	0	0	0	56	1,988	2,443	3,559	3,090	1,561	12,926
1966	229	0	0	0	0	0	56	1,778	2,269	3,043	2,640	1,316	11,331
1967	229	0	0	0	0	0	56	1,632	1,876	3,622	3,124	1,509	12,048
1968	229	0	0	0	0	0	56	1,501	1,917	3,694	3,231	1,567	12,196
1969	229	0	0	0	0	0	56	1,838	1,903	3,502	3,133	1,376	12,038
1970	229	0	0	0	0	0	56	1,624	1,879	3,657	3,213	1,567	12,226
1971	229	0	0	0	0	0	56	1,810	2,246	3,487	3,054	1,505	12,387
1972	229	0	0	0	0	0	56	2,309	2,305	3,127	2,920	1,500	12,445
1973	229	0	0	0	0	0	56	1,551	1,935	3,504	3,180	1,283	11,738
1974	229	0	0	0	0	0	56	1,900	2,534	3,086	2,896	1,464	12,164
1975	229	0	0	0	0	0	56	1,260	1,798	2,718	3,253	1,566	10,880
1976	229	0	0	0	0	0	56	1,759	2,644	3,096	2,931	1,419	12,133
1977	229	0	0	0	0	0	91	642	1,889	2,628	2,267	1,018	8,764
1978	229	0	0	0	0	0	56	1,795	2,598	3,282	2,939	1,427	12,326
1979	229	0	0	0	0	0	56	1,707	2,514	3,181	2,825	1,420	11,932
1980	229	0	0	0	0	0	56	1,253	2,172	3,187	2,861	1,093	10,850
1981	229	0	0	0	0	0	275	1,798	2,691	3,246	2,787	1,350	12,377
1982	229	0	0	0	0	0	56	1,260	1,800	3,402	3,082	1,538	11,367
1983	229	0	0	0	0	0	56	918	1,593	3,259	3,736	1,189	10,981
1984	229	0	0	0	0	0	56	1,112	1,743	3,242	3,279	1,676	11,336
1985	229	0	0	0	0	0	81	1,342	1,843	3,428	3,221	1,578	11,722
1986	229	0	0	0	0	0	56	1,134	1,753	3,286	3,228	1,176	10,861
1987	229	0	0	0	0	0	478	1,984	2,655	3,318	2,843	1,391	12,898
1988	229	0	0	0	0	0	555	1,773	2,273	2,618	2,338	1,112	10,898
1989	229	0	0	0	0	0	568	2,303	2,593	2,968	2,631	1,310	12,603
1990	229	0	0	0	0	0	115	1,587	2,188	3,233	2,935	1,388	11,673
1991	229	0	0	0	0	0	115	1,587	2,188	3,233	2,935	1,388	11,673
1992	229	0	0	0	0	0	115	1,587	2,188	2,965	2,768	1,337	11,189
1993	229	0	0	0	0	0	115	1,587	2,188	3,233	2,935	1,388	11,673
1994	229	0	0	0	0	0	115	1,587	2,188	3,233	2,853	1,337	11,540
1995	229	0	0	0	0	0	115	1,587	2,188	3,233	2,935	1,388	11,673
1996	229	0	0	0	0	0	115	1,587	2,188	3,233	2,935	1,388	11,673
1997	229	0	0	0	0	0	115	1,587	2,188	3,233	2,935	1,388	11,673
1998	229	0	0	0	0	0	115	1,587	2,188	3,233	2,935	1,388	11,673
1999	229	0	0	0	0	0	115	1,587	2,188	3,233	2,935	1,388	11,673
Average	229	0	0	0	0	0	115	1,586	2,188	3,227	2,930	1,386	11,660
Maximum	229	0	0	0	0	0	568	2,309	2,728	3,833	3,736	1,676	13,406
Minimum	229	0	0	0	0	0	56	612	1,445	1,985	1,648	771	6,966

P-2e
Bonneville Unit Operations (cfs)
Diversions into Timpanogos Canal
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	4	0	0	0	0	0	1	33	46	54	49	25	18
1951	4	0	0	0	0	0	3	32	46	57	50	22	18
1952	4	0	0	0	0	0	1	21	45	42	55	26	16
1953	4	0	0	0	0	0	1	32	45	61	52	26	19
1954	4	0	0	0	0	0	4	31	36	51	43	22	16
1955	4	0	0	0	0	0	3	28	33	59	52	26	17
1956	4	0	0	0	0	0	3	26	42	51	47	24	17
1957	4	0	0	0	0	0	1	27	34	60	53	26	17
1958	4	0	0	0	0	0	1	24	37	50	50	26	16
1959	4	0	0	0	0	0	1	31	40	55	48	24	17
1960	4	0	0	0	0	0	1	10	24	41	33	15	11
1961	4	0	0	0	0	0	1	10	28	32	27	13	10
1962	4	0	0	0	0	0	1	27	32	57	45	23	16
1963	4	0	0	0	0	0	2	29	43	49	37	20	15
1964	4	0	0	0	0	0	1	21	35	62	54	27	17
1965	4	0	0	0	0	0	1	32	41	58	50	26	18
1966	4	0	0	0	0	0	1	29	38	49	43	22	16
1967	4	0	0	0	0	0	1	27	32	59	51	25	17
1968	4	0	0	0	0	0	1	24	32	60	53	26	17
1969	4	0	0	0	0	0	1	30	32	57	51	23	17
1970	4	0	0	0	0	0	1	26	32	59	52	26	17
1971	4	0	0	0	0	0	1	29	38	57	50	25	17
1972	4	0	0	0	0	0	1	38	39	51	47	25	17
1973	4	0	0	0	0	0	1	25	33	57	52	22	16
1974	4	0	0	0	0	0	1	31	43	50	47	25	17
1975	4	0	0	0	0	0	1	20	30	44	53	26	15
1976	4	0	0	0	0	0	1	29	44	50	48	24	17
1977	4	0	0	0	0	0	2	10	32	43	37	17	12
1978	4	0	0	0	0	0	1	29	44	53	48	24	17
1979	4	0	0	0	0	0	1	28	42	52	46	24	16
1980	4	0	0	0	0	0	1	20	36	52	47	18	15
1981	4	0	0	0	0	0	5	29	45	53	45	23	17
1982	4	0	0	0	0	0	1	20	30	55	50	26	16
1983	4	0	0	0	0	0	1	15	27	53	61	20	15
1984	4	0	0	0	0	0	1	18	29	53	53	28	16
1985	4	0	0	0	0	0	1	22	31	56	52	27	16
1986	4	0	0	0	0	0	1	18	29	53	53	20	15
1987	4	0	0	0	0	0	8	32	45	54	46	23	18
1988	4	0	0	0	0	0	9	29	38	43	38	19	15
1989	4	0	0	0	0	0	10	37	44	48	43	22	17
1990	4	0	0	0	0	0	2	26	37	53	48	23	16
1991	4	0	0	0	0	0	2	26	37	53	48	23	16
1992	4	0	0	0	0	0	2	26	37	48	45	22	15
1993	4	0	0	0	0	0	2	26	37	53	48	23	16
1994	4	0	0	0	0	0	2	26	37	53	46	22	16
1995	4	0	0	0	0	0	2	26	37	53	48	23	16
1996	4	0	0	0	0	0	2	26	37	53	48	23	16
1997	4	0	0	0	0	0	2	26	37	53	48	23	16
1998	4	0	0	0	0	0	2	26	37	53	48	23	16
1999	4	0	0	0	0	0	2	26	37	53	48	23	16
Average	4	0	0	0	0	0	2	26	37	52	48	23	16
Maximum	4	0	0	0	0	0	10	38	46	62	61	28	19
Minimum	4	0	0	0	0	0	1	10	24	32	27	13	10

P-2f
Bonneville Unit Operations (acre-feet)
Diversions into Timpanogos Canal
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	171	0	0	0	0	0	0	0	342	1,857	1,601	666	4,637
1951	171	0	0	0	0	0	0	0	342	1,932	1,667	525	4,637
1952	171	0	0	0	0	0	0	0	342	1,298	2,103	723	4,637
1953	171	0	0	0	0	0	0	0	342	1,857	1,601	666	4,637
1954	171	0	0	0	0	0	0	321	690	1,509	1,364	582	4,637
1955	171	0	0	0	0	0	0	0	388	1,833	1,585	660	4,637
1956	171	0	0	0	0	0	0	0	885	1,579	1,411	590	4,637
1957	171	0	0	0	0	0	0	0	342	1,857	1,601	666	4,637
1958	171	0	0	0	0	0	0	0	650	1,556	1,596	664	4,637
1959	171	0	0	0	0	0	0	207	728	1,548	1,391	592	4,637
1960	171	0	0	0	0	0	0	39	547	1,117	1,256	460	3,590
1961	171	0	0	0	0	0	0	27	723	1,260	1,068	342	3,590
1962	171	0	0	0	0	0	0	0	342	1,932	1,531	661	4,637
1963	171	0	0	0	0	0	0	331	919	1,424	1,250	542	4,637
1964	171	0	0	0	0	0	0	0	342	1,857	1,601	666	4,637
1965	171	0	0	0	0	0	0	0	342	1,857	1,601	666	4,637
1966	171	0	0	0	0	0	0	33	807	1,598	1,425	604	4,637
1967	171	0	0	0	0	0	0	0	342	1,908	1,604	611	4,637
1968	171	0	0	0	0	0	0	0	342	1,857	1,601	666	4,637
1969	171	0	0	0	0	0	0	0	342	1,932	1,660	533	4,637
1970	171	0	0	0	0	0	0	0	342	1,857	1,601	666	4,637
1971	171	0	0	0	0	0	0	0	342	1,857	1,601	666	4,637
1972	171	0	0	0	0	0	0	387	675	1,483	1,346	576	4,637
1973	171	0	0	0	0	0	0	0	342	1,932	1,733	460	4,637
1974	171	0	0	0	0	0	0	183	916	1,463	1,333	571	4,637
1975	171	0	0	0	0	0	0	0	342	1,314	2,002	808	4,637
1976	171	0	0	0	0	0	0	59	1,013	1,477	1,342	575	4,637
1977	171	0	0	0	0	0	0	0	560	1,249	1,188	422	3,590
1978	171	0	0	0	0	0	0	0	820	1,628	1,445	573	4,637
1979	171	0	0	0	0	0	0	33	906	1,547	1,389	591	4,637
1980	171	0	0	0	0	0	0	0	675	1,851	1,597	342	4,637
1981	171	0	0	0	0	0	0	0	932	1,485	1,387	577	4,551
1982	171	0	0	0	0	0	0	0	344	1,856	1,600	666	4,637
1983	171	0	0	0	0	0	0	0	342	1,659	2,103	362	4,637
1984	171	0	0	0	0	0	0	0	342	1,643	1,759	722	4,637
1985	171	0	0	0	0	0	0	0	362	1,756	1,661	687	4,637
1986	171	0	0	0	0	0	0	0	342	1,895	1,812	417	4,637
1987	171	0	0	0	0	0	0	0	841	1,597	1,424	604	4,637
1988	171	0	0	0	0	0	0	0	556	1,224	1,178	461	3,590
1989	171	0	0	0	0	0	0	291	912	1,418	1,306	539	4,637
1990	171	0	0	0	0	0	0	48	550	1,644	1,533	584	4,530
1991	171	0	0	0	0	0	0	48	550	1,644	1,533	584	4,530
1992	171	0	0	0	0	0	0	48	550	1,644	1,533	584	4,530
1993	171	0	0	0	0	0	0	48	550	1,644	1,533	584	4,530
1994	171	0	0	0	0	0	0	48	550	1,644	1,533	584	4,530
1995	171	0	0	0	0	0	0	48	550	1,644	1,533	584	4,530
1996	171	0	0	0	0	0	0	48	550	1,644	1,533	584	4,530
1997	171	0	0	0	0	0	0	48	550	1,644	1,533	584	4,530
1998	171	0	0	0	0	0	0	48	550	1,644	1,533	584	4,530
1999	171	0	0	0	0	0	0	48	550	1,644	1,533	584	4,530
Average	171	0	0	0	0	0	0	48	550	1,644	1,533	584	4,530
Maximum	171	0	0	0	0	0	0	387	1,013	1,932	2,103	808	4,637
Minimum	171	0	0	0	0	0	0	0	342	1,117	1,068	342	3,590

P-2f
Bonneville Unit Operations (cfs)
Diversions into Timpanogos Canal
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	3	0	0	0	0	0	0	0	6	30	26	11	6
1951	3	0	0	0	0	0	0	0	6	31	27	9	6
1952	3	0	0	0	0	0	0	0	6	21	34	12	6
1953	3	0	0	0	0	0	0	0	6	30	26	11	6
1954	3	0	0	0	0	0	0	5	12	25	22	10	6
1955	3	0	0	0	0	0	0	0	7	30	26	11	6
1956	3	0	0	0	0	0	0	0	15	26	23	10	6
1957	3	0	0	0	0	0	0	0	6	30	26	11	6
1958	3	0	0	0	0	0	0	0	11	25	26	11	6
1959	3	0	0	0	0	0	0	3	12	25	23	10	6
1960	3	0	0	0	0	0	0	1	9	18	20	8	5
1961	3	0	0	0	0	0	0	0	12	20	17	6	5
1962	3	0	0	0	0	0	0	0	6	31	25	11	6
1963	3	0	0	0	0	0	0	5	15	23	20	9	6
1964	3	0	0	0	0	0	0	0	6	30	26	11	6
1965	3	0	0	0	0	0	0	0	6	30	26	11	6
1966	3	0	0	0	0	0	0	1	14	26	23	10	6
1967	3	0	0	0	0	0	0	0	6	31	26	10	6
1968	3	0	0	0	0	0	0	0	6	30	26	11	6
1969	3	0	0	0	0	0	0	0	6	31	27	9	6
1970	3	0	0	0	0	0	0	0	6	30	26	11	6
1971	3	0	0	0	0	0	0	0	6	30	26	11	6
1972	3	0	0	0	0	0	0	6	11	24	22	10	6
1973	3	0	0	0	0	0	0	0	6	31	28	8	6
1974	3	0	0	0	0	0	0	3	15	24	22	10	6
1975	3	0	0	0	0	0	0	0	6	21	33	14	6
1976	3	0	0	0	0	0	0	1	17	24	22	10	6
1977	3	0	0	0	0	0	0	0	9	20	19	7	5
1978	3	0	0	0	0	0	0	0	14	26	24	10	6
1979	3	0	0	0	0	0	0	1	15	25	23	10	6
1980	3	0	0	0	0	0	0	0	11	30	26	6	6
1981	3	0	0	0	0	0	0	0	16	24	23	10	6
1982	3	0	0	0	0	0	0	0	6	30	26	11	6
1983	3	0	0	0	0	0	0	0	6	27	34	6	6
1984	3	0	0	0	0	0	0	0	6	27	29	12	6
1985	3	0	0	0	0	0	0	0	6	29	27	12	6
1986	3	0	0	0	0	0	0	0	6	31	29	7	6
1987	3	0	0	0	0	0	0	0	14	26	23	10	6
1988	3	0	0	0	0	0	0	0	9	20	19	8	5
1989	3	0	0	0	0	0	0	5	15	23	21	9	6
1990	3	0	0	0	0	0	0	1	9	27	25	10	6
1991	3	0	0	0	0	0	0	1	9	27	25	10	6
1992	3	0	0	0	0	0	0	1	9	27	25	10	6
1993	3	0	0	0	0	0	0	1	9	27	25	10	6
1994	3	0	0	0	0	0	0	1	9	27	25	10	6
1995	3	0	0	0	0	0	0	1	9	27	25	10	6
1996	3	0	0	0	0	0	0	1	9	27	25	10	6
1997	3	0	0	0	0	0	0	1	9	27	25	10	6
1998	3	0	0	0	0	0	0	1	9	27	25	10	6
1999	3	0	0	0	0	0	0	1	9	27	25	10	6
Average	3	0	0	0	0	0	0	1	9	27	25	10	6
Maximum	3	0	0	0	0	0	0	6	17	31	34	14	6
Minimum	3	0	0	0	0	0	0	0	6	18	17	6	5

P-2g
Bonneville Unit Operations (acre-feet)
Diversions into Timpanogos Canal
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	58	0	0	0	0	0	56	2,020	2,386	1,492	1,400	841	8,252
1951	58	0	0	0	0	0	175	1,991	2,381	1,587	1,428	807	8,427
1952	58	0	0	0	0	0	56	1,261	2,356	1,281	1,276	805	7,093
1953	58	0	0	0	0	0	56	1,942	2,339	1,866	1,615	893	8,769
1954	58	0	0	0	0	0	216	1,598	1,452	1,597	1,303	742	6,967
1955	58	0	0	0	0	0	152	1,728	1,562	1,800	1,600	896	7,795
1956	58	0	0	0	0	0	202	1,628	1,625	1,579	1,467	856	7,414
1957	58	0	0	0	0	0	56	1,660	1,660	1,857	1,629	883	7,803
1958	58	0	0	0	0	0	56	1,457	1,544	1,534	1,463	857	6,969
1959	58	0	0	0	0	0	56	1,699	1,664	1,831	1,544	856	7,709
1960	58	0	0	0	0	0	56	587	898	1,403	766	413	4,182
1961	58	0	0	0	0	0	56	586	941	726	581	429	3,376
1962	58	0	0	0	0	0	75	1,682	1,544	1,593	1,256	722	6,930
1963	58	0	0	0	0	0	148	1,427	1,633	1,617	1,022	669	6,573
1964	58	0	0	0	0	0	56	1,282	1,742	1,976	1,701	918	7,733
1965	58	0	0	0	0	0	56	1,988	2,101	1,703	1,489	895	8,290
1966	58	0	0	0	0	0	56	1,745	1,462	1,445	1,216	712	6,694
1967	58	0	0	0	0	0	56	1,632	1,534	1,714	1,520	897	7,411
1968	58	0	0	0	0	0	56	1,501	1,575	1,838	1,630	901	7,559
1969	58	0	0	0	0	0	56	1,838	1,561	1,570	1,474	844	7,401
1970	58	0	0	0	0	0	56	1,624	1,538	1,800	1,612	901	7,589
1971	58	0	0	0	0	0	56	1,810	1,904	1,630	1,452	838	7,750
1972	58	0	0	0	0	0	56	1,922	1,629	1,645	1,574	924	7,808
1973	58	0	0	0	0	0	56	1,551	1,594	1,572	1,448	823	7,101
1974	58	0	0	0	0	0	56	1,717	1,618	1,622	1,563	893	7,527
1975	58	0	0	0	0	0	56	1,260	1,456	1,404	1,251	758	6,243
1976	58	0	0	0	0	0	56	1,700	1,631	1,619	1,589	844	7,497
1977	58	0	0	0	0	0	91	642	1,329	1,379	1,079	596	5,174
1978	58	0	0	0	0	0	56	1,795	1,778	1,654	1,494	854	7,689
1979	58	0	0	0	0	0	56	1,674	1,608	1,635	1,436	829	7,295
1980	58	0	0	0	0	0	56	1,253	1,496	1,336	1,263	751	6,213
1981	58	0	0	0	0	0	275	1,798	1,759	1,761	1,401	774	7,825
1982	58	0	0	0	0	0	56	1,260	1,456	1,547	1,481	872	6,730
1983	58	0	0	0	0	0	56	918	1,251	1,600	1,634	827	6,344
1984	58	0	0	0	0	0	56	1,112	1,401	1,598	1,520	954	6,700
1985	58	0	0	0	0	0	81	1,342	1,480	1,673	1,560	891	7,085
1986	58	0	0	0	0	0	56	1,134	1,411	1,391	1,416	759	6,224
1987	58	0	0	0	0	0	478	1,984	1,814	1,721	1,419	787	8,261
1988	58	0	0	0	0	0	555	1,773	1,717	1,395	1,160	650	7,309
1989	58	0	0	0	0	0	568	2,013	1,682	1,550	1,325	770	7,966
1990	58	0	0	0	0	0	115	1,539	1,637	1,589	1,402	803	7,143
1991	58	0	0	0	0	0	115	1,539	1,637	1,589	1,402	803	7,143
1992	58	0	0	0	0	0	115	1,539	1,637	1,322	1,235	753	6,658
1993	58	0	0	0	0	0	115	1,539	1,637	1,589	1,402	803	7,143
1994	58	0	0	0	0	0	115	1,539	1,637	1,589	1,320	753	7,010
1995	58	0	0	0	0	0	115	1,539	1,637	1,589	1,402	803	7,143
1996	58	0	0	0	0	0	115	1,539	1,637	1,589	1,402	803	7,143
1997	58	0	0	0	0	0	115	1,539	1,637	1,589	1,402	803	7,143
1998	58	0	0	0	0	0	115	1,539	1,637	1,589	1,402	803	7,143
1999	58	0	0	0	0	0	115	1,539	1,637	1,589	1,402	803	7,143
Average	58	0	0	0	0	0	115	1,538	1,638	1,583	1,397	801	7,130
Maximum	58	0	0	0	0	0	568	2,020	2,386	1,976	1,701	954	8,769
Minimum	58	0	0	0	0	0	56	586	898	726	581	413	3,376

P-2g
Bonneville Unit Operations (cfs)
Diversions into Timpanogos Canal
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	1	0	0	0	0	0	1	33	40	24	23	14	11
1951	1	0	0	0	0	0	3	32	40	26	23	14	12
1952	1	0	0	0	0	0	1	21	40	21	21	14	10
1953	1	0	0	0	0	0	1	32	39	30	26	15	12
1954	1	0	0	0	0	0	4	26	24	26	21	12	10
1955	1	0	0	0	0	0	3	28	26	29	26	15	11
1956	1	0	0	0	0	0	3	26	27	26	24	14	10
1957	1	0	0	0	0	0	1	27	28	30	26	15	11
1958	1	0	0	0	0	0	1	24	26	25	24	14	10
1959	1	0	0	0	0	0	1	28	28	30	25	14	11
1960	1	0	0	0	0	0	1	10	15	23	12	7	6
1961	1	0	0	0	0	0	1	10	16	12	9	7	5
1962	1	0	0	0	0	0	1	27	26	26	20	12	10
1963	1	0	0	0	0	0	2	23	27	26	17	11	9
1964	1	0	0	0	0	0	1	21	29	32	28	15	11
1965	1	0	0	0	0	0	1	32	35	28	24	15	11
1966	1	0	0	0	0	0	1	28	25	24	20	12	9
1967	1	0	0	0	0	0	1	27	26	28	25	15	10
1968	1	0	0	0	0	0	1	24	26	30	27	15	10
1969	1	0	0	0	0	0	1	30	26	26	24	14	10
1970	1	0	0	0	0	0	1	26	26	29	26	15	10
1971	1	0	0	0	0	0	1	29	32	27	24	14	11
1972	1	0	0	0	0	0	1	31	27	27	26	16	11
1973	1	0	0	0	0	0	1	25	27	26	24	14	10
1974	1	0	0	0	0	0	1	28	27	26	25	15	10
1975	1	0	0	0	0	0	1	20	24	23	20	13	9
1976	1	0	0	0	0	0	1	28	27	26	26	14	10
1977	1	0	0	0	0	0	2	10	22	22	18	10	7
1978	1	0	0	0	0	0	1	29	30	27	24	14	11
1979	1	0	0	0	0	0	1	27	27	27	23	14	10
1980	1	0	0	0	0	0	1	20	25	22	21	13	9
1981	1	0	0	0	0	0	5	29	30	29	23	13	11
1982	1	0	0	0	0	0	1	20	24	25	24	15	9
1983	1	0	0	0	0	0	1	15	21	26	27	14	9
1984	1	0	0	0	0	0	1	18	24	26	25	16	9
1985	1	0	0	0	0	0	1	22	25	27	25	15	10
1986	1	0	0	0	0	0	1	18	24	23	23	13	9
1987	1	0	0	0	0	0	8	32	30	28	23	13	11
1988	1	0	0	0	0	0	9	29	29	23	19	11	10
1989	1	0	0	0	0	0	10	33	28	25	22	13	11
1990	1	0	0	0	0	0	2	25	28	26	23	13	10
1991	1	0	0	0	0	0	2	25	28	26	23	13	10
1992	1	0	0	0	0	0	2	25	28	21	20	13	9
1993	1	0	0	0	0	0	2	25	28	26	23	13	10
1994	1	0	0	0	0	0	2	25	28	26	21	13	10
1995	1	0	0	0	0	0	2	25	28	26	23	13	10
1996	1	0	0	0	0	0	2	25	28	26	23	13	10
1997	1	0	0	0	0	0	2	25	28	26	23	13	10
1998	1	0	0	0	0	0	2	25	28	26	23	13	10
1999	1	0	0	0	0	0	2	25	28	26	23	13	10
Average	1	0	0	0	0	0	2	25	28	26	23	13	10
Maximum	1	0	0	0	0	0	10	33	40	32	28	16	12
Minimum	1	0	0	0	0	0	1	10	15	12	9	7	5

P-3a
Bonneville Unit Operations (acre-feet)
Provo River from River Ditch to Snake Creek
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	7,686	8,845	7,686	7,686	6,942	7,750	9,602	47,012	55,784	16,965	15,863	11,497	203,317
1951	7,686	9,035	8,882	8,714	8,094	9,037	7,438	60,062	57,699	17,029	14,760	15,867	224,303
1952	7,686	9,010	8,551	8,864	8,280	11,355	22,785	73,814	62,497	10,614	11,060	11,880	246,396
1953	7,686	7,594	7,686	7,686	6,942	7,686	7,684	13,886	69,384	18,039	16,114	11,881	182,269
1954	7,976	7,438	7,929	7,981	7,175	8,820	11,463	20,112	7,906	15,804	18,960	13,535	135,100
1955	8,017	7,573	7,942	8,039	7,254	8,005	7,438	12,960	20,773	20,380	17,942	13,468	139,791
1956	7,686	7,438	7,686	7,686	7,190	7,686	7,438	13,927	43,432	48,176	34,700	16,396	209,441
1957	7,686	7,438	7,686	7,686	6,942	7,686	7,438	7,686	65,126	39,367	23,026	11,737	199,506
1958	7,686	8,242	8,550	7,686	7,219	7,686	8,091	38,257	28,750	21,124	18,008	12,348	173,647
1959	7,686	7,438	7,686	7,686	6,942	7,686	9,517	16,031	26,172	19,406	18,089	11,102	145,441
1960	7,686	8,403	7,686	7,686	7,190	7,686	7,438	16,687	25,972	28,023	24,203	17,035	165,696
1961	7,782	8,191	7,686	7,686	6,942	7,686	7,438	12,071	16,835	19,403	18,124	10,348	130,191
1962	7,686	8,757	7,686	7,686	6,942	7,686	7,438	10,533	28,651	53,443	44,262	24,433	215,202
1963	8,119	7,438	7,700	7,686	6,942	7,686	7,438	16,761	33,821	41,945	24,145	10,270	179,952
1964	7,686	7,472	7,686	7,686	7,190	7,686	7,438	8,268	26,378	54,029	43,748	23,500	208,768
1965	7,686	7,438	7,686	7,686	6,942	7,686	7,438	11,816	51,843	31,455	11,750	16,792	176,218
1966	7,686	7,931	8,595	7,876	6,965	8,995	12,418	33,089	15,528	20,163	18,018	11,671	158,935
1967	7,686	7,438	7,686	7,686	6,942	7,686	7,438	11,428	32,722	21,446	21,016	18,147	157,322
1968	7,686	8,120	8,570	7,714	7,252	8,715	7,503	10,646	70,457	17,541	12,315	11,582	178,100
1969	7,686	8,137	8,141	8,514	7,667	7,724	7,438	66,494	52,757	12,460	9,776	8,290	205,083
1970	7,686	8,565	8,067	8,253	7,433	7,686	7,438	46,433	37,657	16,698	15,966	11,204	183,087
1971	7,686	8,533	7,909	8,395	7,730	9,141	7,438	42,857	78,320	14,949	14,140	9,156	216,254
1972	7,686	8,574	8,158	8,338	7,995	9,606	7,568	60,586	33,636	16,857	13,959	8,569	191,532
1973	7,686	8,739	8,009	8,338	7,785	9,035	7,444	39,401	56,858	14,517	12,824	12,188	192,824
1974	7,686	8,320	7,719	7,736	6,942	7,686	7,438	66,226	63,640	19,434	19,958	12,385	235,170
1975	7,686	7,701	7,725	7,732	6,981	7,793	7,438	16,263	85,759	40,089	21,718	13,052	229,938
1976	7,964	8,634	7,831	7,877	7,401	7,899	7,651	38,764	22,323	19,359	19,031	16,263	170,998
1977	7,936	7,664	7,914	7,960	7,267	7,987	7,730	8,458	9,924	8,375	8,576	14,175	103,967
1978	7,686	7,438	7,686	7,686	6,942	7,805	7,438	11,141	59,904	54,678	39,072	14,263	231,739
1979	7,686	7,438	7,686	7,686	6,993	8,904	7,438	12,390	12,905	19,876	17,614	12,571	129,187
1980	7,686	7,480	7,686	7,927	7,190	8,608	7,438	10,265	23,511	20,143	15,331	11,587	134,852
1981	7,686	8,956	8,904	7,686	6,942	7,686	7,438	17,966	44,238	15,303	13,946	9,685	156,438
1982	7,686	8,536	9,099	7,686	6,942	9,565	7,438	39,778	56,779	28,999	14,881	13,781	211,171
1983	7,686	9,802	7,686	7,688	13,825	74,608	8,034	25,849	85,221	30,659	14,989	18,866	304,913
1984	7,686	7,438	7,686	7,686	15,408	26,200	45,539	51,008	63,832	30,987	13,571	15,699	292,741
1985	7,686	7,438	7,686	7,686	6,942	8,031	32,951	69,620	26,606	20,789	20,087	14,362	229,886
1986	7,686	9,456	7,686	7,686	7,753	69,281	23,895	50,025	85,691	32,980	9,906	8,496	320,541
1987	7,686	7,438	7,686	8,469	7,342	13,474	25,872	47,360	8,990	19,270	27,650	22,594	203,831
1988	7,686	7,438	7,686	7,686	7,190	7,686	7,438	15,759	16,523	7,729	12,899	8,998	114,719
1989	8,644	7,742	7,993	8,072	7,295	8,751	9,106	19,582	34,168	26,341	17,075	10,177	164,944
1990	8,039	8,563	8,014	8,034	7,230	7,983	7,740	11,205	21,976	8,272	8,439	8,061	113,555
1991	7,932	7,681	7,924	7,991	7,205	7,914	7,670	8,465	23,122	22,962	15,317	9,645	133,828
1992	7,886	7,636	7,887	7,914	7,629	7,928	7,869	25,741	16,163	21,310	18,524	8,995	145,481
1993	9,234	7,481	7,849	7,847	8,432	10,609	7,776	10,003	31,402	27,860	14,670	8,011	151,174
1994	7,729	7,481	7,729	7,729	7,178	8,113	7,481	11,746	20,808	20,759	15,667	7,438	129,857
1995	7,686	7,438	7,686	7,686	7,250	8,129	7,438	11,504	17,998	75,159	22,573	7,438	187,982
1996	7,686	9,725	8,967	9,129	8,810	10,800	8,244	38,342	69,546	19,093	19,775	15,084	225,201
1997	7,686	7,886	9,427	8,883	7,001	8,986	35,524	60,345	54,918	28,141	15,889	13,467	258,153
1998	7,686	8,918	7,686	7,686	6,942	8,461	9,298	49,476	53,012	24,975	13,040	15,507	212,687
1999	8,047	8,609	7,686	7,686	7,028	8,467	24,119	50,941	54,734	26,424	17,381	16,340	237,463
Average	7,794	8,082	7,975	7,930	7,579	11,349	11,033	29,381	41,253	25,196	18,407	12,997	188,976
Maximum	9,234	9,802	9,427	9,129	15,408	74,608	45,539	73,814	85,759	75,159	44,262	24,433	320,541
Minimum	7,686	7,438	7,686	7,686	6,942	7,686	7,438	7,686	7,906	7,729	8,439	7,438	103,967

P-3a
Bonneville Unit Operations (cfs)
Provo River from River Ditch to Snake Creek
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	125	149	125	125	125	126	161	765	938	276	258	193	281
1951	125	152	144	142	146	147	125	977	970	277	240	267	310
1952	125	151	139	144	144	185	383	1,201	1,050	173	180	200	339
1953	125	128	125	125	125	125	129	226	1,166	293	262	200	252
1954	130	125	129	130	129	143	193	327	133	257	308	227	187
1955	130	127	129	131	131	130	125	211	349	331	292	226	193
1956	125	125	125	125	125	125	125	227	730	784	564	276	289
1957	125	125	125	125	125	125	125	125	1,095	640	375	197	276
1958	125	139	139	125	130	125	136	622	483	344	293	208	240
1959	125	125	125	125	125	125	160	261	440	316	294	187	201
1960	125	141	125	125	125	125	125	271	436	456	394	286	228
1961	127	138	125	125	125	125	125	196	283	316	295	174	180
1962	125	147	125	125	125	125	125	171	482	869	720	411	297
1963	132	125	125	125	125	125	125	273	568	682	393	173	249
1964	125	126	125	125	125	125	125	134	443	879	712	395	288
1965	125	125	125	125	125	125	125	192	871	512	191	282	243
1966	125	133	140	128	125	146	209	538	261	328	293	196	220
1967	125	125	125	125	125	125	125	186	550	349	342	305	217
1968	125	136	139	125	126	142	126	173	1,184	285	200	195	245
1969	125	137	132	138	138	126	125	1,081	887	203	159	139	283
1970	125	144	131	134	134	125	125	755	633	272	260	188	253
1971	125	143	129	137	139	149	125	697	1,316	243	230	154	299
1972	125	144	133	136	139	156	127	985	565	274	227	144	264
1973	125	147	130	136	140	147	125	641	956	236	209	205	266
1974	125	140	126	126	125	125	125	1,077	1,070	316	325	208	325
1975	125	129	126	126	126	127	125	265	1,441	652	353	219	318
1976	130	145	127	128	129	128	129	630	375	315	310	273	236
1977	129	129	129	129	131	130	130	138	167	136	139	238	144
1978	125	125	125	125	125	127	125	181	1,007	889	635	240	320
1979	125	125	125	125	126	145	125	202	217	323	286	211	178
1980	125	126	125	129	125	140	125	167	395	328	249	195	186
1981	125	151	145	125	125	125	125	292	743	249	227	163	216
1982	125	143	148	125	125	156	125	647	954	472	242	232	292
1983	125	165	125	125	249	1,213	135	420	1,432	499	244	317	421
1984	125	125	125	125	268	426	765	830	1,073	504	221	264	403
1985	125	125	125	125	125	131	554	1,132	447	338	327	241	318
1986	125	159	125	125	140	1,127	402	814	1,440	536	161	143	443
1987	125	125	125	138	132	219	435	770	151	313	450	380	282
1988	125	125	125	125	125	125	125	256	278	126	210	151	158
1989	141	130	130	131	131	142	153	318	574	428	278	171	228
1990	131	144	130	131	130	130	130	182	369	135	137	135	157
1991	129	129	129	130	130	129	129	138	389	373	249	162	185
1992	128	128	128	129	133	129	132	419	272	347	301	151	200
1993	150	126	128	128	152	173	131	163	528	453	239	135	209
1994	126	126	126	126	129	132	126	191	350	338	255	125	179
1995	125	125	125	125	131	132	125	187	302	1,222	367	125	260
1996	125	163	146	148	153	176	139	624	1,169	311	322	254	310
1997	125	133	153	144	126	146	597	981	923	458	258	226	357
1998	125	150	125	125	125	138	156	805	891	406	212	261	294
1999	131	145	125	125	127	138	405	829	920	430	283	275	328
Average	127	136	130	129	135	185	185	478	693	410	299	218	261
Maximum	150	165	153	148	268	1,213	765	1,201	1,441	1,222	720	411	443
Minimum	125	125	125	125	125	125	125	125	133	126	137	125	144

P-3b

Bonneville Unit Operations (acre-feet)

Provo River from River Ditch to Snake Creek

CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	2,960	3,284	4,707	5,402	4,880	5,380	2,205	2,345	3,445	8,645	10,938	6,439	60,630
1951	4,559	2,651	2,721	5,873	5,231	3,570	2,256	2,280	4,679	10,585	10,232	6,704	61,342
1952	3,976	3,092	3,074	4,334	3,030	3,570	429	2,192	3,356	7,233	8,645	5,998	48,929
1953	4,559	3,180	5,314	6,171	5,603	7,513	6,883	5,452	3,322	10,555	11,797	7,221	77,570
1954	4,761	5,176	5,398	7,162	6,025	4,891	5,896	7,524	7,906	13,447	16,083	10,061	94,330
1955	5,949	5,195	5,513	7,936	6,957	7,457	6,863	7,983	7,245	16,589	15,369	11,199	104,255
1956	4,940	3,621	5,419	6,466	6,347	5,547	5,381	4,852	6,534	14,082	13,233	10,935	87,356
1957	4,675	3,886	5,075	6,778	6,057	6,596	4,794	5,204	4,499	9,791	11,114	6,792	75,261
1958	4,912	4,868	3,927	6,799	4,915	5,308	2,991	3,352	6,379	12,148	12,426	7,321	75,346
1959	5,353	5,115	5,078	7,616	6,476	7,127	6,849	9,347	7,939	16,936	15,525	8,529	101,891
1960	5,088	3,621	6,815	7,616	6,472	6,015	3,528	7,057	7,305	16,880	21,387	15,558	107,343
1961	3,942	7,126	7,137	7,608	6,845	7,606	7,438	10,383	6,542	18,101	17,413	7,762	107,905
1962	6,059	5,801	6,425	7,613	6,351	7,353	3,412	4,852	6,328	9,218	11,586	9,978	84,975
1963	4,587	3,886	5,689	7,131	6,145	6,882	7,438	5,546	7,240	13,398	14,082	8,292	90,316
1964	4,763	3,621	6,107	6,875	6,195	6,648	7,305	3,470	5,294	9,304	11,068	9,624	80,275
1965	5,000	3,665	4,077	4,577	4,167	4,750	3,632	4,010	5,454	7,298	7,946	4,732	59,308
1966	3,324	4,343	2,810	5,070	4,391	3,394	2,887	4,487	7,360	14,810	13,259	7,694	73,828
1967	5,000	3,976	4,871	6,426	5,881	5,796	6,704	5,734	5,204	9,615	11,026	6,263	76,496
1968	4,471	4,605	3,626	6,257	5,558	4,099	4,667	5,116	3,621	10,585	10,232	6,175	69,013
1969	4,295	3,923	3,999	5,709	4,666	4,877	1,613	2,280	4,944	9,615	8,215	5,911	60,047
1970	3,927	4,485	4,978	5,152	4,741	4,684	7,358	5,734	4,402	10,938	11,026	5,293	72,717
1971	3,854	1,875	2,335	3,041	2,451	2,257	2,861	3,427	3,709	9,438	10,232	5,469	50,950
1972	3,589	2,334	2,335	3,129	2,350	937	1,046	2,247	4,062	11,379	10,762	5,226	49,396
1973	3,589	2,474	2,953	4,364	4,127	2,953	3,730	3,074	4,415	9,703	10,412	5,645	57,438
1974	4,383	4,837	4,199	6,565	5,705	6,777	6,474	4,302	4,688	12,935	14,753	8,069	83,688
1975	3,448	5,849	5,176	6,472	5,295	5,791	6,890	8,197	1,163	9,130	17,258	7,655	82,325
1976	3,845	5,301	3,923	5,457	5,735	5,632	5,543	2,676	5,729	14,220	14,263	12,030	84,354
1977	3,699	5,637	5,660	7,240	6,449	5,690	4,666	6,841	8,805	8,375	8,032	12,544	83,638
1978	4,258	5,072	7,085	7,506	6,192	6,275	7,349	8,619	7,043	16,725	16,391	10,074	102,589
1979	1,488	4,409	5,646	6,754	5,361	4,618	4,657	3,640	5,857	14,668	15,628	8,902	81,627
1980	2,961	5,161	5,419	6,565	5,482	5,448	4,814	2,700	3,351	9,931	12,970	7,078	71,879
1981	3,134	5,255	5,419	6,280	5,768	6,024	6,962	5,799	6,033	10,190	11,497	6,819	79,179
1982	2,931	3,104	5,326	6,110	5,227	5,227	5,340	4,572	4,650	9,580	12,086	6,237	70,390
1983	3,164	5,466	5,293	6,772	4,764	3,744	651	3,259	4,445	12,154	13,886	7,091	70,689
1984	2,931	5,166	2,691	5,088	3,034	3,713	1,523	4,502	4,434	10,817	11,535	9,479	64,913
1985	2,770	5,165	5,806	6,956	4,840	3,716	1,697	5,288	5,915	16,061	15,118	8,196	81,530
1986	2,931	3,024	5,424	6,879	6,916	4,667	2,822	6,249	6,034	14,531	8,470	7,438	75,385
1987	2,931	5,664	5,441	7,016	4,606	3,975	4,294	2,787	5,774	11,136	18,416	12,789	84,829
1988	2,441	5,098	5,379	7,135	5,371	5,250	7,230	9,303	3,826	7,729	12,743	6,215	77,722
1989	2,459	5,403	5,717	7,551	7,038	6,811	6,055	7,468	10,697	15,231	15,579	8,280	98,288
1990	4,391	5,277	5,747	6,535	5,173	5,626	3,484	5,429	5,247	8,272	8,439	7,250	70,869
1991	4,026	5,339	5,559	7,692	6,645	5,832	4,887	3,929	6,149	12,889	13,726	7,588	84,261
1992	3,689	6,388	6,537	7,382	6,197	7,706	7,869	12,130	5,974	16,920	15,535	7,463	103,790
1993	4,984	5,594	5,743	7,100	5,962	7,046	4,211	3,861	5,163	8,593	10,958	8,011	77,226
1994	3,139	5,348	5,448	7,012	5,574	5,316	7,481	5,236	5,835	11,979	12,827	6,269	81,464
1995	3,063	4,791	4,783	4,990	4,181	3,284	2,997	4,197	5,355	7,830	7,582	4,841	57,895
1996	2,687	5,479	5,611	6,730	5,470	3,975	4,986	4,313	3,091	10,796	10,891	6,040	70,069
1997	2,441	3,804	5,653	6,126	6,261	7,686	6,977	4,944	5,741	14,583	15,372	8,538	88,127
1998	3,264	5,361	5,405	6,703	6,142	5,419	1,438	4,572	4,650	9,612	10,193	7,164	69,924
1999	3,131	5,371	5,416	6,703	4,344	3,738	1,415	4,513	4,585	10,523	9,742	6,895	66,378
Average	3,854	4,563	4,998	6,369	5,392	5,284	4,618	5,145	5,428	11,714	12,558	7,876	77,799
Maximum	6,059	7,126	7,137	7,936	7,038	7,706	7,869	12,130	10,697	18,101	21,387	15,558	107,905
Minimum	1,488	1,875	2,335	3,041	2,350	937	429	2,192	1,163	7,233	7,582	4,732	48,929

P-3b
Bonneville Unit Operations (cfs)
Provo River from River Ditch to Snake Creek
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	48	55	77	88	88	88	37	38	58	141	178	108	84
1951	74	45	44	96	94	58	38	37	79	172	166	113	85
1952	48	55	77	88	85	88	37	38	58	141	178	108	67
1953	74	45	44	96	94	58	38	37	79	172	166	113	107
1954	65	52	50	70	55	58	7	36	56	118	141	101	130
1955	74	53	86	100	101	122	116	89	56	172	192	121	144
1956	77	87	88	116	105	80	99	122	133	219	262	169	120
1957	97	87	90	129	125	121	115	130	122	270	250	188	104
1958	80	61	88	105	114	90	90	79	110	229	215	184	104
1959	76	65	83	110	109	107	81	85	76	159	181	114	141
1960	80	82	64	111	85	86	50	55	107	198	202	123	148
1961	87	86	83	124	117	116	115	152	133	275	252	143	149
1962	83	61	111	124	117	98	59	115	123	275	348	261	117
1963	64	120	116	124	123	124	125	169	110	294	283	130	125
1964	99	97	104	124	110	120	57	79	106	150	188	168	111
1965	75	65	93	116	111	112	125	90	122	218	229	139	82
1966	77	61	99	112	112	108	123	56	89	151	180	162	102
1967	81	62	66	74	75	77	61	65	92	119	129	80	106
1968	54	73	46	82	76	55	49	73	124	241	216	129	95
1969	81	67	79	105	106	94	113	93	87	156	179	105	83
1970	73	77	59	102	100	67	78	83	61	172	166	104	100
1971	70	66	65	93	84	79	27	37	83	156	134	99	70
1972	64	75	81	84	82	76	124	93	74	178	179	89	68
1973	63	32	38	49	44	37	48	56	62	154	166	92	79
1974	58	39	38	51	42	15	18	37	68	185	175	88	116
1975	58	42	48	71	74	48	63	50	74	158	169	95	114
1976	71	81	68	107	99	110	109	70	79	210	240	136	116
1977	56	98	84	105	95	94	116	133	20	148	281	129	116
1978	63	89	64	89	103	92	93	44	96	231	232	202	142
1979	60	95	92	118	116	93	78	111	148	136	131	211	113
1980	69	85	115	122	108	102	124	140	118	272	267	169	99
1981	24	74	92	110	97	75	78	59	98	239	254	150	109
1982	48	87	88	107	99	89	81	44	56	162	211	119	97
1983	51	88	88	102	104	98	117	94	101	166	187	115	98
1984	48	52	87	99	91	85	90	74	78	156	197	105	89
1985	51	92	86	110	86	61	11	53	75	198	226	119	113
1986	48	87	44	83	55	60	26	73	75	176	188	159	104
1987	45	87	94	113	87	60	29	86	99	261	246	138	117
1988	48	51	88	112	120	76	47	102	101	236	138	125	107
1989	48	95	88	114	83	65	72	45	97	181	300	215	136
1990	40	86	87	116	97	85	122	151	64	126	207	104	98
1991	40	91	93	123	127	111	102	121	180	248	253	139	116
1992	71	89	93	106	90	91	59	88	88	135	137	122	143
1993	65	90	90	125	120	95	82	64	103	210	223	128	107
1994	60	107	106	120	112	125	132	197	100	275	253	125	113
1995	81	94	93	115	107	115	71	63	87	140	178	135	80
1996	51	90	89	114	97	86	126	85	98	195	209	105	97
1997	50	81	78	81	75	53	50	68	90	127	123	81	122
1998	44	92	91	109	98	65	84	70	52	176	177	102	97
1999	40	64	92	100	113	125	117	80	96	237	250	143	92
Average	63	75	80	103	96	86	78	82	91	190	205	132	107
Maximum	99	120	116	129	127	125	132	197	180	294	348	261	149
Minimum	24	32	38	49	42	15	7	36	20	118	123	80	67

P-3c
Bonneville Unit Operations (acre-feet)
Provo River from River Ditch to Snake Creek
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	2,021	5,561	2,400	1,959	1,758	2,181	3,183	35,377	42,573	7,592	2,724	3,333	110,662
1951	1,218	4,266	6,161	2,842	2,863	5,467	4,477	50,440	36,281	4,897	2,219	5,947	127,077
1952	1,280	2,186	3,608	2,460	2,860	4,680	7,743	36,938	36,014	1,613	76	2,651	102,110
1953	1,222	3,177	2,316	1,515	1,340	173	801	8,434	51,656	6,633	2,236	3,010	82,514
1954	1,580	2,231	1,845	819	1,135	2,804	4,943	6,826	0	0	2,308	2,225	26,716
1955	912	1,863	1,518	64	185	343	488	3,338	13,279	2,585	2,003	1,071	27,648
1956	813	3,008	1,543	762	527	1,336	2,046	8,807	34,330	27,213	13,257	1,428	95,070
1957	950	2,701	1,703	615	711	634	2,244	2,206	51,694	15,362	5,613	4,241	88,674
1958	985	3,375	3,191	562	1,845	1,506	3,996	34,905	21,509	6,463	3,788	2,315	84,440
1959	905	1,922	1,743	44	291	349	2,465	4,117	17,983	1,266	1,994	1,218	34,298
1960	1,235	3,951	544	44	448	1,044	3,910	4,074	16,422	9,041	2,246	1,067	44,025
1961	2,590	1,064	516	48	61	49	0	0	10,043	732	141	2,175	17,420
1962	1,086	1,800	803	46	369	208	2,664	5,505	21,204	34,333	23,245	9,220	100,482
1963	1,479	2,424	1,248	465	797	502	0	10,154	24,237	23,588	7,318	1,564	73,774
1964	1,336	2,952	986	506	621	649	0	4,638	18,043	35,473	23,157	8,525	96,886
1965	1,264	3,774	2,732	2,329	1,947	2,062	2,329	7,447	36,395	21,213	3,427	10,366	95,285
1966	1,706	3,589	5,179	2,806	2,574	5,602	5,669	18,253	5,631	4,773	3,786	2,669	62,236
1967	1,360	3,462	1,788	931	749	1,380	622	5,029	27,518	2,905	1,344	3,256	50,343
1968	1,344	3,515	3,860	1,456	1,694	3,501	2,836	5,530	58,785	3,660	785	4,231	91,198
1969	1,284	4,214	4,142	2,804	3,001	2,846	4,405	64,213	22,797	0	0	1,536	111,243
1970	1,487	4,080	3,090	2,660	2,301	3,002	0	31,033	33,255	4,678	1,540	3,038	90,163
1971	1,532	6,298	4,660	5,016	5,279	4,933	3,452	39,430	43,196	3,889	1,166	2,251	121,102
1972	1,914	6,240	5,199	4,313	5,497	6,941	6,493	44,895	29,574	1,421	517	337	113,341
1973	1,827	6,264	4,479	3,897	3,628	5,474	3,619	36,327	31,377	3,357	0	5,166	105,414
1974	1,121	3,482	2,286	690	690	645	875	58,703	34,742	3,277	1,619	1,851	109,982
1975	1,855	1,852	2,549	1,214	1,605	1,852	459	8,066	60,897	28,545	1,671	4,359	114,924
1976	1,405	3,332	2,912	1,817	1,059	1,137	1,281	36,088	12,318	3,084	3,234	1,969	69,636
1977	1,801	1,546	1,472	720	741	1,435	2,732	1,456	862	0	0	0	12,766
1978	2,160	1,442	366	110	457	1,411	0	206	41,367	28,876	16,289	2,461	95,144
1979	2,994	2,315	2,040	932	1,329	2,963	2,139	8,750	5,029	430	1,416	1,936	32,274
1980	1,861	1,342	1,315	1,121	1,251	2,454	2,625	7,564	20,159	4,019	1,891	4,042	49,644
1981	2,140	3,701	2,440	1,219	1,175	1,224	396	12,167	26,765	5,113	2,449	2,471	61,261
1982	1,233	3,106	801	535	715	2,119	927	26,586	33,012	13,870	483	3,065	86,453
1983	1,397	877	2,300	915	5,914	25,824	2,436	17,162	43,121	16,596	45	3,956	120,542
1984	1,550	993	3,135	2,598	8,227	10,673	17,136	33,850	39,881	13,295	0	2,370	133,708
1985	1,330	884	853	730	2,102	3,447	17,713	34,231	20,691	27	1,119	1,866	84,995
1986	1,413	5,115	1,039	807	26	30,883	13,756	30,829	48,278	12,637	0	0	144,784
1987	2,601	1,712	1,633	1,453	2,736	5,338	19,437	42,727	3,216	4,110	5,693	5,965	96,622
1988	2,464	1,496	1,441	344	1,137	1,522	128	4,335	12,466	0	0	817	26,150
1989	4,038	1,461	1,422	325	161	1,148	0	10,927	21,124	10,541	810	684	52,641
1990	1,704	1,565	1,452	1,021	1,285	1,522	3,212	2,184	16,479	0	0	0	30,424
1991	2,398	1,564	1,478	187	350	1,301	2,278	1,291	16,723	9,351	1,021	1,647	39,588
1992	2,076	1,249	1,132	532	1,180	221	0	10,374	9,935	0	1,080	1,118	28,897
1993	687	416	420	343	319	447	825	682	13,749	8,195	3,712	0	29,793
1994	1,952	1,194	1,219	717	1,411	2,390	0	1,383	6,758	8,335	2,840	0	28,198
1995	2,988	2,647	2,903	2,566	2,761	4,402	4,441	3,722	12,643	28,958	0	1,634	69,662
1996	2,487	1,566	1,586	1,290	3,019	5,354	2,693	34,029	35,983	2,791	8,015	6,643	105,457
1997	1,432	2,648	1,941	1,600	597	0	14,141	33,192	33,259	2,216	67	2,111	93,204
1998	1,034	863	826	479	261	842	5,234	26,343	30,224	13,286	7	1,717	81,116
1999	1,657	1,120	1,071	776	2,599	4,729	10,779	35,962	34,422	6,380	3,312	4,277	107,084
Average	1,662	2,668	2,146	1,280	1,712	3,459	3,881	19,015	26,358	8,932	3,233	2,796	77,141
Maximum	4,038	6,298	6,161	5,016	8,227	30,883	19,437	64,213	60,897	35,473	23,245	10,366	144,784
Minimum	687	416	366	44	26	0	0	0	0	0	0	0	12,766

P-3c
Bonneville Unit Operations (cfs)
Provo River from River Ditch to Snake Creek
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	33	93	39	32	32	35	53	575	715	123	44	56	153
1951	20	72	100	46	52	89	75	820	610	80	36	100	176
1952	21	37	59	40	50	76	130	601	605	26	1	45	141
1953	20	53	38	25	24	3	13	137	868	108	36	51	114
1954	26	37	30	13	20	46	83	111	0	0	38	37	37
1955	15	31	25	1	3	6	8	54	223	42	33	18	38
1956	13	51	25	12	9	22	34	143	577	443	216	24	131
1957	15	45	28	10	13	10	38	36	869	250	91	71	122
1958	16	57	52	9	33	24	67	568	361	105	62	39	117
1959	15	32	28	1	5	6	41	67	302	21	32	20	47
1960	20	66	9	1	8	17	66	66	276	147	37	18	61
1961	42	18	8	1	1	1	0	0	169	12	2	37	24
1962	18	30	13	1	7	3	45	90	356	558	378	155	139
1963	24	41	20	8	14	8	0	165	407	384	119	26	102
1964	22	50	16	8	11	11	0	75	303	577	377	143	133
1965	21	63	44	38	35	34	39	121	612	345	56	174	132
1966	28	60	84	46	46	91	95	297	95	78	62	45	86
1967	22	58	29	15	13	22	10	82	462	47	22	55	70
1968	22	59	63	24	29	57	48	90	988	60	13	71	126
1969	21	71	67	46	54	46	74	1,044	383	0	0	26	154
1970	24	69	50	43	41	49	0	505	559	76	25	51	125
1971	25	106	76	82	95	80	58	641	726	63	19	38	167
1972	31	105	85	70	96	113	109	730	497	23	8	6	156
1973	30	105	73	63	65	89	61	591	527	55	0	87	146
1974	18	59	37	11	12	10	15	955	584	53	26	31	152
1975	30	31	41	20	29	30	8	131	1,023	464	27	73	159
1976	23	56	47	30	18	18	22	587	207	50	53	33	96
1977	29	26	24	12	13	23	46	24	14	0	0	0	18
1978	35	24	6	2	8	23	0	3	695	470	265	41	131
1979	49	39	33	15	24	48	36	142	85	7	23	33	45
1980	30	23	21	18	22	40	44	123	339	65	31	68	68
1981	35	62	40	20	21	20	7	198	450	83	40	42	85
1982	20	52	13	9	13	34	16	432	555	226	8	52	119
1983	23	15	37	15	106	420	41	279	725	270	1	66	167
1984	25	17	51	42	143	174	288	551	670	216	0	40	184
1985	22	15	14	12	38	56	298	557	348	0	18	31	117
1986	23	86	17	13	0	502	231	501	811	206	0	0	200
1987	42	29	27	24	49	87	327	695	54	67	93	100	133
1988	40	25	23	6	20	25	2	71	210	0	0	14	36
1989	66	25	23	5	3	19	0	178	355	171	13	11	73
1990	28	26	24	17	23	25	54	36	277	0	0	0	42
1991	39	26	24	3	6	21	38	21	281	152	17	28	55
1992	34	21	18	9	21	4	0	169	167	0	18	19	40
1993	11	7	7	6	6	7	14	11	231	133	60	0	41
1994	32	20	20	12	25	39	0	22	114	136	46	0	39
1995	49	44	47	42	50	72	75	61	212	471	0	27	96
1996	40	26	26	21	52	87	45	553	605	45	130	112	145
1997	23	45	32	26	11	0	238	540	559	36	1	35	129
1998	17	15	13	8	5	14	88	428	508	216	0	29	112
1999	27	19	17	13	47	77	181	585	579	104	54	72	148
Average	27	45	35	21	30	56	65	309	443	145	53	47	106
Maximum	66	106	100	82	143	502	327	1,044	1,023	577	378	174	200
Minimum	11	7	6	1	0	0	0	0	0	0	0	0	18

P-3d
Bonneville Unit Operations (acre-feet)
Provo River from River Ditch to Snake Creek
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	2,704	0	580	324	305	189	4,214	9,290	9,767	728	2,200	1,724	32,024
1951	1,909	2,118	0	0	0	0	705	7,342	16,738	1,546	2,308	3,216	35,883
1952	2,430	3,732	1,869	2,071	2,390	3,105	14,613	34,683	23,126	1,768	2,339	3,230	95,357
1953	1,904	1,237	56	0	0	0	0	0	14,406	850	2,082	1,649	22,185
1954	1,635	30	686	0	15	1,125	623	5,762	0	2,357	570	1,249	14,054
1955	1,156	515	912	39	111	206	87	1,639	250	1,206	570	1,198	7,889
1956	1,933	809	724	458	316	803	11	269	2,567	6,882	8,210	4,033	27,015
1957	2,061	851	908	293	174	456	401	276	8,934	14,214	6,299	704	35,570
1958	1,789	0	1,433	325	459	872	1,103	0	861	2,513	1,794	2,711	13,861
1959	1,428	400	865	26	175	210	203	2,567	250	1,203	570	1,354	9,252
1960	1,363	831	327	26	269	627	0	5,557	2,246	2,103	570	410	14,328
1961	1,250	0	33	29	36	30	0	1,688	250	570	570	410	4,867
1962	542	1,156	458	27	222	125	1,362	176	1,119	9,892	9,432	5,234	29,745
1963	2,053	1,128	763	90	0	302	0	1,062	2,345	4,959	2,745	414	15,862
1964	1,586	900	593	304	373	390	132	160	3,042	9,252	9,524	5,351	31,607
1965	1,422	0	876	780	828	874	1,477	359	9,994	2,943	377	1,694	21,624
1966	2,656	0	607	0	0	0	3,862	10,349	2,537	581	972	1,308	22,871
1967	1,326	0	1,027	330	313	510	112	665	0	8,927	8,645	8,628	30,482
1968	1,871	0	1,084	0	0	1,115	0	0	8,050	3,296	1,297	1,176	17,890
1969	2,108	0	0	0	0	0	1,420	0	25,016	2,845	1,561	843	33,793
1970	2,272	0	0	441	391	0	80	9,666	0	1,082	3,400	2,873	20,206
1971	2,301	360	914	338	0	1,951	1,124	0	31,414	1,621	2,742	1,436	44,202
1972	2,183	0	624	896	148	1,728	29	13,444	0	4,057	2,680	3,006	28,795
1973	2,271	0	578	78	30	609	95	0	21,066	1,456	2,413	1,377	29,972
1974	2,182	0	1,234	480	547	264	89	3,220	24,210	3,221	3,586	2,465	41,499
1975	2,383	0	0	46	80	150	89	0	23,699	2,415	2,790	1,038	32,688
1976	2,715	0	997	602	608	1,131	827	0	4,276	2,055	1,533	2,264	17,008
1977	2,436	481	783	0	77	862	332	160	257	0	544	1,631	7,563
1978	1,269	924	235	70	293	119	89	2,316	11,495	9,076	6,392	1,729	34,007
1979	3,204	714	0	0	303	1,324	642	0	2,018	4,778	570	1,732	15,286
1980	2,864	978	952	241	457	706	0	0	0	6,194	470	467	13,329
1981	2,412	0	1,045	187	0	438	80	0	11,441	0	0	396	15,999
1982	3,522	2,326	2,972	1,041	1,000	2,218	1,171	8,620	19,117	5,549	2,312	4,479	54,328
1983	3,125	3,459	93	0	3,147	45,040	4,947	5,429	37,655	1,909	1,059	7,819	113,681
1984	3,205	1,279	1,861	0	4,147	11,813	26,879	12,657	19,517	6,876	2,036	3,850	94,120
1985	3,586	1,389	1,027	0	0	868	13,541	30,101	0	4,701	3,849	4,299	63,361
1986	3,342	1,317	1,223	0	811	33,731	7,318	12,946	31,379	5,811	1,436	1,057	100,373
1987	2,154	62	611	0	0	4,160	2,141	1,846	0	4,024	3,541	3,840	22,380
1988	2,781	844	866	207	683	914	80	2,120	231	0	156	1,965	10,847
1989	2,147	878	854	195	97	792	3,051	1,187	2,347	569	686	1,213	14,016
1990	1,944	1,721	815	478	772	836	1,043	3,593	250	0	0	811	12,262
1991	1,508	777	888	112	210	781	506	3,245	250	722	570	410	9,979
1992	2,121	0	218	0	252	0	0	3,237	254	4,390	1,909	414	12,794
1993	3,563	1,472	1,687	404	2,151	3,117	2,739	5,459	12,491	11,072	0	0	44,155
1994	2,638	939	1,063	0	193	407	0	5,127	8,215	446	0	1,169	20,195
1995	1,635	0	0	129	308	443	0	3,586	0	38,371	14,990	964	60,425
1996	2,513	2,679	1,770	1,109	321	1,471	565	0	30,472	5,506	869	2,401	49,675
1997	3,813	1,434	1,833	1,157	143	1,300	14,406	22,210	15,917	11,342	449	2,817	76,822
1998	3,387	2,694	1,456	503	539	2,200	2,626	18,561	18,139	2,077	2,840	6,625	61,648
1999	3,260	2,119	1,199	206	86	0	11,925	10,465	15,727	9,520	4,327	5,168	64,001
Average	2,277	851	832	281	476	2,606	2,535	5,221	9,467	4,549	2,616	2,325	34,036
Maximum	3,813	3,732	2,972	2,071	4,147	45,040	26,879	34,683	37,655	38,371	14,990	8,628	113,681
Minimum	542	0	0	0	0	0	0	0	0	0	0	0	4,867

P-3d
Bonneville Unit Operations (cfs)
Provo River from River Ditch to Snake Creek
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	44	0	9	5	5	3	71	151	164	12	36	29	44
1951	31	36	0	0	0	0	12	119	281	25	38	54	50
1952	40	63	30	34	42	51	246	564	389	29	38	54	131
1953	31	21	1	0	0	0	0	0	242	14	34	28	31
1954	27	1	11	0	0	18	10	94	0	38	9	21	19
1955	19	9	15	1	2	3	1	27	4	20	9	20	11
1956	31	14	12	7	6	13	0	4	43	112	134	68	37
1957	34	14	15	5	3	7	7	4	150	231	102	12	49
1958	29	0	23	5	8	14	19	0	14	41	29	46	19
1959	23	7	14	0	3	3	3	42	4	20	9	23	13
1960	22	14	5	0	5	10	0	90	38	34	9	7	20
1961	20	0	1	0	1	0	0	27	4	9	9	7	7
1962	9	19	7	0	4	2	23	3	19	161	153	88	41
1963	33	19	12	1	0	5	0	17	39	81	45	7	22
1964	26	15	10	5	6	6	2	3	51	150	155	90	44
1965	23	0	14	13	15	14	25	6	168	48	6	28	30
1966	43	0	10	0	0	0	65	168	43	9	16	22	32
1967	22	0	17	5	6	8	2	11	0	145	141	145	42
1968	30	0	18	0	0	18	0	0	135	54	21	20	25
1969	34	0	0	0	0	0	24	0	420	46	25	14	47
1970	37	0	0	7	7	0	1	157	0	18	55	48	28
1971	37	6	15	6	0	32	19	0	528	26	45	24	61
1972	36	0	10	15	3	28	0	219	0	66	44	51	40
1973	37	0	9	1	1	10	2	0	354	24	39	23	41
1974	35	0	20	8	10	4	1	52	407	52	58	41	57
1975	39	0	0	1	1	2	1	0	398	39	45	17	45
1976	44	0	16	10	11	18	14	0	72	33	25	38	23
1977	40	8	13	0	1	14	6	3	4	0	9	27	10
1978	21	16	4	1	5	2	1	38	193	148	104	29	47
1979	52	12	0	0	5	22	11	0	34	78	9	29	21
1980	47	16	15	4	8	11	0	0	0	101	8	8	18
1981	39	0	17	3	0	7	1	0	192	0	0	7	22
1982	57	39	48	17	18	36	20	140	321	90	38	75	75
1983	51	58	2	0	57	733	83	88	633	31	17	131	157
1984	52	21	30	0	72	192	452	206	328	112	33	65	130
1985	58	23	17	0	0	14	228	490	0	76	63	72	88
1986	54	22	20	0	15	549	123	211	527	95	23	18	139
1987	35	1	10	0	0	68	36	30	0	65	58	65	31
1988	45	14	14	3	12	15	1	34	4	0	3	33	15
1989	35	15	14	3	2	13	51	19	39	9	11	20	19
1990	32	29	13	8	14	14	18	58	4	0	0	14	17
1991	25	13	14	2	4	13	8	53	4	12	9	7	14
1992	35	0	4	0	4	0	0	53	4	71	31	7	18
1993	58	25	27	7	39	51	46	89	210	180	0	0	61
1994	43	16	17	0	3	7	0	83	138	7	0	20	28
1995	27	0	0	2	6	7	0	58	0	624	244	16	83
1996	41	45	29	18	6	24	9	0	512	90	14	40	68
1997	62	24	30	19	3	21	242	361	268	184	7	47	106
1998	55	45	24	8	10	36	44	302	305	34	46	111	85
1999	53	36	20	3	2	0	200	170	264	155	70	87	88
Average	37	14	14	5	8	42	43	85	159	74	43	39	47
Maximum	62	63	48	34	72	733	452	564	633	624	244	145	157
Minimum	9	0	0	0	0	0	0	0	0	0	0	0	7

P-4a
Bonneville Unit Operations (acre-feet)
Provo River from Snake Creek to Deer Creek Reservoir
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	14,631	16,195	12,822	15,943	13,313	14,735	18,940	56,830	62,981	24,166	23,882	19,976	294,415
1951	16,334	20,044	16,114	14,662	14,284	15,220	15,809	69,028	65,314	25,880	23,791	26,305	322,786
1952	16,814	20,568	15,648	16,001	13,871	16,984	39,827	83,877	69,587	18,390	19,518	21,635	352,721
1953	16,983	18,980	15,342	16,819	13,658	13,335	14,010	20,609	76,557	25,289	25,017	20,453	277,054
1954	14,464	14,597	13,583	14,841	13,707	14,262	14,489	20,731	13,011	23,254	27,005	20,812	204,755
1955	14,624	14,943	14,238	13,970	11,804	14,582	11,100	17,094	28,617	25,930	25,252	21,046	213,200
1956	13,981	15,361	15,924	14,435	12,326	12,610	11,007	18,429	49,188	53,526	41,700	23,643	282,131
1957	12,575	15,631	14,507	14,525	13,947	12,365	10,556	15,354	73,446	45,269	30,069	20,472	278,715
1958	13,811	16,066	14,375	12,201	13,095	14,177	14,146	42,040	34,634	27,460	25,030	19,724	246,759
1959	14,050	15,101	13,615	13,454	12,403	13,048	11,729	19,692	31,698	25,773	24,615	18,106	213,283
1960	14,141	15,363	12,349	13,196	11,924	13,647	9,751	19,646	32,288	36,155	27,920	22,956	229,335
1961	13,083	14,276	13,192	12,438	11,434	12,575	9,876	15,915	22,543	24,230	24,047	16,052	189,661
1962	14,352	14,503	12,198	12,212	14,170	12,447	13,549	16,819	33,960	59,878	50,399	30,799	285,286
1963	12,838	13,164	12,374	11,913	10,894	11,407	11,393	21,029	38,931	48,304	29,307	17,418	238,972
1964	13,034	15,480	13,624	12,036	10,643	10,772	13,125	10,985	29,093	61,020	50,406	30,341	270,559
1965	13,244	13,776	15,566	12,461	12,489	10,573	12,003	19,544	61,689	39,725	21,271	27,077	259,418
1966	15,235	16,160	14,887	13,375	10,951	15,867	15,417	36,016	23,360	26,014	24,138	19,545	230,966
1967	14,446	14,670	14,327	13,215	11,682	14,247	11,072	20,630	42,182	27,976	30,198	27,457	242,102
1968	13,918	15,461	14,390	12,651	13,043	13,919	11,976	16,263	78,261	25,897	21,958	21,034	258,769
1969	15,240	17,029	13,598	16,708	13,439	12,432	15,575	70,913	61,661	20,816	20,135	18,043	295,590
1970	15,400	17,936	15,067	14,841	13,195	11,974	10,282	48,236	44,250	25,154	24,898	19,409	260,641
1971	15,345	17,954	14,592	13,696	12,169	13,566	10,322	45,528	82,663	23,349	23,333	19,243	291,760
1972	15,451	17,890	15,484	14,521	12,686	15,175	10,883	62,064	40,911	25,912	22,130	17,055	270,162
1973	17,175	18,826	14,937	13,906	12,602	14,612	16,581	47,784	64,413	24,406	24,049	22,857	292,147
1974	16,026	16,560	12,989	14,500	12,437	14,336	12,049	66,945	72,803	29,040	28,339	21,127	317,150
1975	14,284	17,468	13,785	12,986	11,711	14,874	12,415	22,966	93,472	44,682	31,487	22,912	313,041
1976	14,820	16,718	13,018	13,701	13,412	14,935	11,813	38,811	26,257	25,256	25,803	24,084	238,628
1977	13,861	15,241	14,943	14,068	12,823	13,045	10,511	12,844	15,268	11,703	15,666	21,604	171,577
1978	13,344	11,535	14,329	12,701	11,354	15,918	12,096	15,300	64,478	61,607	47,489	23,496	303,646
1979	14,225	15,774	13,345	12,792	12,307	16,631	10,999	17,327	20,996	24,591	25,080	21,110	205,177
1980	13,179	14,849	12,898	18,782	13,540	14,988	15,290	22,217	32,133	29,588	23,418	22,283	233,162
1981	14,937	16,530	16,585	13,298	12,480	13,178	9,524	20,226	49,536	20,314	20,131	17,281	224,020
1982	13,910	15,151	15,224	12,846	12,771	18,698	15,131	40,907	65,276	34,775	25,137	26,458	296,283
1983	18,204	22,233	15,494	14,544	18,905	85,171	17,751	34,527	88,088	37,270	27,485	30,921	410,592
1984	16,481	15,408	13,755	13,169	21,002	34,268	54,812	56,741	71,254	39,210	25,589	27,920	389,607
1985	19,434	15,928	15,917	14,966	13,222	18,743	43,105	75,189	33,204	29,258	29,448	24,664	333,077
1986	17,714	19,374	14,165	13,101	21,011	78,898	34,190	66,629	91,240	40,607	20,786	20,845	438,559
1987	20,199	14,743	13,969	15,662	13,024	19,199	30,561	48,700	17,616	26,205	36,685	30,959	287,520
1988	13,198	15,435	14,896	13,810	13,637	14,916	12,022	18,196	24,378	11,554	20,305	14,474	186,821
1989	14,596	12,183	13,665	13,260	13,013	16,731	10,352	25,579	42,520	31,737	23,828	17,474	234,936
1990	12,943	20,314	11,226	11,859	10,451	11,387	9,732	12,787	25,549	11,374	13,898	12,800	164,318
1991	15,676	11,778	12,770	12,047	10,780	11,724	9,353	10,395	27,122	28,147	20,755	14,275	184,823
1992	13,242	14,109	13,242	12,459	12,355	10,897	10,450	27,681	19,580	23,468	24,413	12,221	194,116
1993	13,476	12,100	12,687	12,428	13,573	16,972	11,220	10,605	34,171	30,144	19,905	12,169	199,449
1994	12,894	14,739	12,767	13,973	11,378	12,242	9,615	12,181	26,004	23,885	20,508	12,971	183,158
1995	12,635	13,649	12,708	12,662	11,445	12,228	8,953	13,054	23,684	78,422	28,139	11,358	238,936
1996	14,879	16,656	14,520	14,007	13,022	16,021	11,973	40,822	73,380	22,727	24,745	21,518	284,267
1997	14,020	15,843	15,137	14,195	11,117	14,312	41,270	69,246	66,166	34,616	23,963	22,363	342,248
1998	13,194	16,309	11,776	14,146	10,727	14,751	15,751	60,572	65,065	33,186	23,567	25,630	304,676
1999	20,942	16,304	13,246	13,506	13,282	13,416	28,827	57,756	62,463	31,488	24,818	24,016	320,065
Average	14,870	15,938	14,036	13,790	12,970	17,260	16,064	34,265	47,859	31,573	26,229	21,168	266,021
Maximum	20,942	22,233	16,585	18,782	21,011	85,171	54,812	83,877	93,472	78,422	50,406	30,959	438,559
Minimum	12,575	11,535	11,226	11,859	10,451	10,573	8,953	10,395	13,011	11,374	13,898	11,358	164,318

P-4a

Bonneville Unit Operations (cfs)

Provo River from Snake Creek to Deer Creek Reservoir

Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	238	272	209	259	240	240	318	924	1,058	393	388	336	407
1951	266	337	262	238	257	248	266	1,123	1,098	421	387	442	446
1952	273	346	254	260	241	276	669	1,364	1,169	299	317	364	486
1953	276	319	250	274	246	217	235	335	1,287	411	407	344	383
1954	235	245	221	241	247	232	243	337	219	378	439	350	283
1955	238	251	232	227	213	237	187	278	481	422	411	354	294
1956	227	258	259	235	214	205	185	300	827	871	678	397	389
1957	205	263	236	236	251	201	177	250	1,234	736	489	344	385
1958	225	270	234	198	236	231	238	684	582	447	407	331	341
1959	229	254	221	219	223	212	197	320	533	419	400	304	295
1960	230	258	201	215	207	222	164	320	543	588	454	386	316
1961	213	240	215	202	206	205	166	259	379	394	391	270	262
1962	233	244	198	199	255	202	228	274	571	974	820	518	394
1963	209	221	201	194	196	186	191	342	654	786	477	293	330
1964	212	260	222	196	185	175	221	179	489	992	820	510	373
1965	215	232	253	203	225	172	202	318	1,037	646	346	455	358
1966	248	272	242	218	197	258	259	586	393	423	393	328	319
1967	235	247	233	215	210	232	186	336	709	455	491	461	334
1968	226	260	234	206	227	226	201	265	1,315	421	357	354	356
1969	248	286	221	272	242	202	262	1,153	1,036	339	327	303	408
1970	250	301	245	241	238	195	173	785	744	409	405	326	360
1971	250	302	237	223	219	221	173	740	1,389	380	379	323	403
1972	251	301	252	236	221	247	183	1,009	688	421	360	287	372
1973	279	316	243	226	227	238	279	777	1,083	397	391	384	404
1974	261	278	211	236	224	233	202	1,089	1,224	472	461	355	438
1975	232	294	224	211	211	242	209	374	1,571	727	512	385	432
1976	241	281	212	223	233	243	199	631	441	411	420	405	329
1977	225	256	243	229	231	212	177	209	257	190	255	363	237
1978	217	194	233	207	204	259	203	249	1,084	1,002	772	395	419
1979	231	265	217	208	222	270	185	282	353	400	408	355	283
1980	214	250	210	305	235	244	257	361	540	481	381	374	321
1981	243	278	270	216	225	214	160	329	833	330	327	290	309
1982	226	255	248	209	230	304	254	665	1,097	566	409	445	409
1983	296	374	252	237	340	1,385	298	562	1,480	606	447	520	567
1984	268	259	224	214	365	557	921	923	1,198	638	416	469	537
1985	316	268	259	243	238	305	724	1,223	558	476	479	415	460
1986	288	326	230	213	378	1,283	575	1,084	1,533	660	338	350	606
1987	329	248	227	255	235	312	514	792	296	426	597	520	397
1988	215	259	242	225	237	243	202	296	410	188	330	243	257
1989	237	205	222	216	234	272	174	416	715	516	388	294	325
1990	210	341	183	193	188	185	164	208	429	185	226	215	227
1991	255	198	208	196	194	191	157	169	456	458	338	240	255
1992	215	237	215	203	215	177	176	450	329	382	397	205	267
1993	219	203	206	202	244	276	189	172	574	490	324	205	276
1994	210	248	208	227	205	199	162	198	437	388	334	218	253
1995	205	229	207	206	206	199	150	212	398	1,275	458	191	330
1996	242	280	236	228	226	261	201	664	1,233	370	402	362	392
1997	228	266	246	231	200	233	694	1,126	1,112	563	390	376	473
1998	215	274	192	230	193	240	265	985	1,093	540	383	431	421
1999	341	274	215	220	239	218	484	939	1,050	512	404	404	442
Average	242	268	228	224	232	281	270	557	804	513	427	356	367
Maximum	341	374	270	305	378	1,385	921	1,364	1,571	1,275	820	520	606
Minimum	205	194	183	193	185	172	150	169	219	185	226	191	227

P-4b
Bonneville Unit Operations (acre-feet)
Provo River from Snake Creek to Deer Creek Reservoir
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	2,960	3,284	4,707	5,402	4,880	5,380	2,205	2,345	3,445	8,645	10,938	6,439	60,630
1951	4,559	2,651	2,721	5,873	5,231	3,570	2,256	2,280	4,679	10,585	10,232	6,704	61,342
1952	3,976	3,092	3,074	4,334	3,030	3,570	429	2,192	3,356	7,233	8,645	5,998	48,929
1953	4,559	3,180	5,314	6,171	5,603	7,513	6,883	5,452	3,322	10,555	11,797	7,221	77,570
1954	4,761	5,176	5,398	7,162	6,025	4,891	5,896	7,524	7,906	13,447	16,083	10,061	94,330
1955	5,949	5,195	5,513	7,936	6,957	7,457	6,863	7,983	7,245	16,589	15,369	11,199	104,255
1956	4,940	3,621	5,419	6,466	6,347	5,547	5,381	4,852	6,534	14,082	13,233	10,935	87,356
1957	4,675	3,886	5,075	6,778	6,057	6,596	4,794	5,204	4,499	9,791	11,114	6,792	75,261
1958	4,912	4,868	3,927	6,799	4,915	5,308	2,991	3,352	6,379	12,148	12,426	7,321	75,346
1959	5,353	5,115	5,078	7,616	6,476	7,127	6,849	9,347	7,939	16,936	15,525	8,529	101,891
1960	5,088	3,621	6,815	7,616	6,472	6,015	3,528	7,057	7,305	16,880	21,387	15,558	107,343
1961	3,942	7,126	7,137	7,608	6,845	7,606	7,438	10,383	6,542	18,101	17,413	7,762	107,905
1962	6,059	5,801	6,425	7,613	6,351	7,353	3,412	4,852	6,328	9,218	11,586	9,978	84,975
1963	4,587	3,886	5,689	7,131	6,145	6,882	7,438	5,546	7,240	13,398	14,082	8,292	90,316
1964	4,763	3,621	6,107	6,875	6,195	6,648	7,305	3,470	5,294	9,304	11,068	9,624	80,275
1965	5,000	3,665	4,077	4,577	4,167	4,750	3,632	4,010	5,454	7,298	7,946	4,732	59,308
1966	3,324	4,343	2,810	5,070	4,391	3,394	2,887	4,487	7,360	14,810	13,259	7,694	73,828
1967	5,000	3,976	4,871	6,426	5,881	5,796	6,704	5,734	5,204	9,615	11,026	6,263	76,496
1968	4,471	4,605	3,626	6,257	5,558	4,099	4,667	5,116	3,621	10,585	10,232	6,175	69,013
1969	4,295	3,923	3,999	5,709	4,666	4,877	1,613	2,280	4,944	9,615	8,215	5,911	60,047
1970	3,927	4,485	4,978	5,152	4,741	4,684	7,358	5,734	4,402	10,938	11,026	5,293	72,717
1971	3,854	1,875	2,335	3,041	2,451	2,257	2,861	3,427	3,709	9,438	10,232	5,469	50,950
1972	3,589	2,334	2,335	3,129	2,350	937	1,046	2,247	4,062	11,379	10,762	5,226	49,396
1973	3,589	2,474	2,953	4,364	4,127	2,953	3,730	3,074	4,415	9,703	10,412	5,645	57,438
1974	4,383	4,837	4,199	6,565	5,705	6,777	6,474	4,302	4,688	12,935	14,753	9,069	83,688
1975	3,448	5,849	5,176	6,472	5,295	5,791	6,890	8,197	1,163	9,130	17,258	7,655	82,325
1976	3,845	5,301	3,923	5,457	5,735	5,632	5,543	2,676	5,729	14,220	14,263	12,030	84,354
1977	3,699	5,637	5,660	7,240	6,449	5,690	4,666	6,841	8,805	8,375	8,032	12,544	83,638
1978	4,258	5,072	7,085	7,506	6,192	6,275	7,349	8,619	7,043	16,725	16,391	10,074	102,589
1979	1,488	4,409	5,646	6,754	5,361	4,618	4,657	3,640	5,857	14,668	15,628	8,902	81,627
1980	2,961	5,161	5,419	6,565	5,482	5,448	4,814	2,700	3,351	9,931	12,970	7,078	71,879
1981	3,134	5,255	5,419	6,280	5,768	6,024	6,962	5,799	6,033	10,190	11,497	6,819	79,179
1982	2,931	3,104	5,326	6,110	5,227	5,227	5,340	4,572	4,650	9,580	12,086	6,237	70,390
1983	3,164	5,466	5,293	6,772	4,764	3,744	651	3,259	4,445	12,154	13,886	7,091	70,689
1984	2,931	5,166	2,691	5,088	3,034	3,713	1,523	4,502	4,434	10,817	11,535	9,479	64,913
1985	2,770	5,165	5,806	6,956	4,840	3,716	1,697	5,288	5,915	16,061	15,118	8,196	81,530
1986	2,931	3,024	5,424	6,879	6,916	4,667	2,822	6,249	6,034	14,531	8,470	7,438	75,385
1987	2,931	5,664	5,441	7,016	4,606	3,975	4,294	2,787	5,774	11,136	18,416	12,789	84,829
1988	2,441	5,098	5,379	7,135	5,371	5,250	7,230	9,303	3,826	7,729	12,743	6,215	77,722
1989	2,459	5,403	5,717	7,551	7,038	6,811	6,055	7,468	10,697	15,231	15,579	8,280	98,288
1990	4,391	5,277	5,747	6,535	5,173	5,626	3,484	5,429	5,247	8,272	8,439	7,250	70,869
1991	4,026	5,339	5,559	7,692	6,645	5,832	4,887	3,929	6,149	12,889	13,726	7,588	84,261
1992	3,689	6,388	6,537	7,382	6,197	7,706	7,869	12,130	5,974	16,920	15,535	7,463	103,790
1993	4,984	5,594	5,743	7,100	5,962	7,046	4,211	3,861	5,163	8,593	10,958	8,011	77,226
1994	3,139	5,348	5,448	7,012	5,574	5,316	7,481	5,236	5,835	11,979	12,827	6,269	81,464
1995	3,063	4,791	4,783	4,990	4,181	3,284	2,997	4,197	5,355	7,830	7,582	4,841	57,895
1996	2,687	5,479	5,611	6,730	5,470	3,975	4,986	4,313	3,091	10,796	10,891	6,040	70,069
1997	2,441	3,804	5,653	6,126	6,261	7,686	6,977	4,944	5,741	14,583	15,372	8,538	88,127
1998	3,264	5,361	5,405	6,703	6,142	5,419	1,438	4,572	4,650	9,612	10,193	7,164	69,924
1999	3,131	5,371	5,416	6,703	4,344	3,738	1,415	4,513	4,585	10,523	9,742	6,895	66,378
Average	3,854	4,563	4,998	6,369	5,392	5,284	4,618	5,145	5,428	11,714	12,558	7,876	77,799
Maximum	6,059	7,126	7,137	7,936	7,038	7,706	7,869	12,130	10,697	18,101	21,387	15,558	107,905
Minimum	1,488	1,875	2,335	3,041	2,350	937	429	2,192	1,163	7,233	7,582	4,732	48,929

P-4b
Bonneville Unit Operations (cfs)
Provo River from Snake Creek to Deer Creek Reservoir
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	48	55	77	88	88	88	37	38	58	141	178	108	84
1951	74	45	44	96	94	58	38	37	79	172	166	113	85
1952	65	52	50	70	53	58	7	36	56	118	141	101	67
1953	74	53	86	100	101	122	116	89	56	172	192	121	107
1954	77	87	88	116	108	80	99	122	133	219	262	169	130
1955	97	87	90	129	125	121	115	130	122	270	250	188	144
1956	80	61	88	105	110	90	90	79	110	229	215	184	120
1957	76	65	83	110	109	107	81	85	76	159	181	114	104
1958	80	82	64	111	89	86	50	55	107	198	202	123	104
1959	87	86	83	124	117	116	115	152	133	275	252	143	141
1960	83	61	111	124	113	98	59	115	123	275	348	261	148
1961	64	120	116	124	123	124	125	169	110	294	283	130	149
1962	99	97	104	124	114	120	57	79	106	150	188	168	117
1963	75	65	93	116	111	112	125	90	122	218	229	139	125
1964	77	61	99	112	108	108	123	56	89	151	180	162	111
1965	81	62	66	74	75	77	61	65	92	119	129	80	82
1966	54	73	46	82	79	55	49	73	124	241	216	129	102
1967	81	67	79	105	106	94	113	93	87	156	179	105	106
1968	73	77	59	102	97	67	78	83	61	172	166	104	95
1969	70	66	65	93	84	79	27	37	83	156	134	99	83
1970	64	75	81	84	85	76	124	93	74	178	179	89	100
1971	63	32	38	49	44	37	48	56	62	154	166	92	70
1972	58	39	38	51	41	15	18	37	68	185	175	88	68
1973	58	42	48	71	74	48	63	50	74	158	169	95	79
1974	71	81	68	107	103	110	109	70	79	210	240	136	116
1975	56	98	84	105	95	94	116	133	20	148	281	129	114
1976	63	89	64	89	100	92	93	44	96	231	232	202	116
1977	60	95	92	118	116	93	78	111	148	136	131	211	116
1978	69	85	115	122	112	102	124	140	118	272	267	169	142
1979	24	74	92	110	97	75	78	59	98	239	254	150	113
1980	48	87	88	107	95	89	81	44	56	162	211	119	99
1981	51	88	88	102	104	98	117	94	101	166	187	115	109
1982	48	52	87	99	94	85	90	74	78	156	197	105	97
1983	51	92	86	110	86	61	11	53	75	198	226	119	98
1984	48	87	44	83	53	60	26	73	75	176	188	159	89
1985	45	87	94	113	87	60	29	86	99	261	246	138	113
1986	48	51	88	112	125	76	47	102	101	236	138	125	104
1987	48	95	88	114	83	65	72	45	97	181	300	215	117
1988	40	86	87	116	93	85	122	151	64	126	207	104	107
1989	40	91	93	123	127	111	102	121	180	248	253	139	136
1990	71	89	93	106	93	91	59	88	88	135	137	122	98
1991	65	90	90	125	120	95	82	64	103	210	223	128	116
1992	60	107	106	120	108	125	132	197	100	275	253	125	143
1993	81	94	93	115	107	115	71	63	87	140	178	135	107
1994	51	90	89	114	100	86	126	85	98	195	209	105	113
1995	50	81	78	81	75	53	50	68	90	127	123	81	80
1996	44	92	91	109	95	65	84	70	52	176	177	102	97
1997	40	64	92	100	113	125	117	80	96	237	250	143	122
1998	53	90	88	109	111	88	24	74	78	156	166	120	97
1999	51	90	88	109	78	61	24	73	77	171	158	116	92
Average	63	77	81	104	96	86	78	84	91	191	204	132	107
Maximum	99	120	116	129	127	125	132	197	180	294	348	261	149
Minimum	24	32	38	49	41	15	7	36	20	118	123	80	67

P-4c
Bonneville Unit Operations (acre-feet)
Provo River from Snake Creek to Deer Creek Reservoir
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	2,021	5,561	2,400	1,959	1,758	2,181	3,183	35,377	42,573	7,592	2,724	3,333	110,662
1951	1,218	4,266	6,161	2,842	2,863	5,467	4,477	50,440	36,281	4,897	2,219	5,947	127,077
1952	1,280	2,186	3,608	2,460	2,860	4,680	7,743	36,938	36,014	1,613	76	2,651	102,110
1953	1,222	3,177	2,316	1,515	1,340	173	801	8,434	51,656	6,633	2,236	3,010	82,514
1954	1,580	2,231	1,845	819	1,135	2,804	4,943	6,826	0	0	2,308	2,225	26,716
1955	912	1,863	1,518	64	185	343	488	3,338	13,279	2,585	2,003	1,071	27,648
1956	813	3,008	1,543	762	527	1,336	2,046	8,807	34,330	27,213	13,257	1,428	95,070
1957	950	2,701	1,703	615	711	634	2,244	2,206	51,694	15,362	5,613	4,241	88,674
1958	985	3,375	3,191	562	1,845	1,506	3,996	34,905	21,509	6,463	3,788	2,315	84,440
1959	905	1,922	1,743	44	291	349	2,465	4,117	17,983	1,266	1,994	1,218	34,298
1960	1,235	3,951	544	44	448	1,044	3,910	4,074	16,422	9,041	2,246	1,067	44,025
1961	2,590	1,064	516	48	61	49	0	0	10,043	732	141	2,175	17,420
1962	1,086	1,800	803	46	369	208	2,664	5,505	21,204	34,333	23,245	9,220	100,482
1963	1,479	2,424	1,248	465	797	502	0	10,154	24,237	23,588	7,318	1,564	73,774
1964	1,336	2,952	986	506	621	649	0	4,638	18,043	35,473	23,157	8,525	96,886
1965	1,264	3,774	2,732	2,329	1,947	2,062	2,329	7,447	36,395	21,213	3,427	10,366	95,285
1966	1,706	3,589	5,179	2,806	2,574	5,602	5,669	18,253	5,631	4,773	3,786	2,669	62,236
1967	1,360	3,462	1,788	931	749	1,380	622	5,029	27,518	2,905	1,344	3,256	50,343
1968	1,344	3,515	3,860	1,456	1,694	3,501	2,836	5,530	58,785	3,660	785	4,231	91,198
1969	1,284	4,214	4,142	2,804	3,001	2,846	4,405	64,213	22,797	0	0	1,536	111,243
1970	1,487	4,080	3,090	2,660	2,301	3,002	0	31,033	33,255	4,678	1,540	3,038	90,163
1971	1,532	6,298	4,660	5,016	5,279	4,933	3,452	39,430	43,196	3,889	1,166	2,251	121,102
1972	1,914	6,240	5,199	4,313	5,497	6,941	6,493	44,895	29,574	1,421	517	337	113,341
1973	1,827	6,264	4,479	3,897	3,628	5,474	3,619	36,327	31,377	3,357	0	5,166	105,414
1974	1,121	3,482	2,286	690	690	645	875	58,703	34,742	3,277	1,619	1,851	109,982
1975	1,855	1,852	2,549	1,214	1,605	1,852	459	8,066	60,897	28,545	1,671	4,359	114,924
1976	1,405	3,332	2,912	1,817	1,059	1,137	1,281	36,088	12,318	3,084	3,234	1,969	69,636
1977	1,801	1,546	1,472	720	741	1,435	2,732	1,456	862	0	0	0	12,766
1978	2,160	1,442	366	110	457	1,411	0	206	41,367	28,876	16,289	2,461	95,144
1979	2,994	2,315	2,040	932	1,329	2,963	2,139	8,750	5,029	430	1,416	1,936	32,274
1980	1,861	1,342	1,315	1,121	1,251	2,454	2,625	7,564	20,159	4,019	1,891	4,042	49,644
1981	2,140	3,701	2,440	1,219	1,175	1,224	396	12,167	26,765	5,113	2,449	2,471	61,261
1982	1,233	3,106	801	535	715	2,119	927	26,586	33,012	13,870	483	3,065	86,453
1983	1,397	877	2,300	915	5,914	25,824	2,436	17,162	43,121	16,596	45	3,956	120,542
1984	1,550	993	3,135	2,598	8,227	10,673	17,136	33,850	39,881	13,295	0	2,370	133,708
1985	1,330	884	853	730	2,102	3,447	17,713	34,231	20,691	27	1,119	1,866	84,995
1986	1,413	5,115	1,039	807	26	30,883	13,756	30,829	48,278	12,637	0	0	144,784
1987	2,601	1,712	1,633	1,453	2,736	5,338	19,437	42,727	3,216	4,110	5,693	5,965	96,622
1988	2,464	1,496	1,441	344	1,137	1,522	128	4,335	12,466	0	0	817	26,150
1989	4,038	1,461	1,422	325	161	1,148	0	10,927	21,124	10,541	810	684	52,641
1990	1,704	1,565	1,452	1,021	1,285	1,522	3,212	2,184	16,479	0	0	0	30,424
1991	2,398	1,564	1,478	187	350	1,301	2,278	1,291	16,723	9,351	1,021	1,647	39,588
1992	2,076	1,249	1,132	532	1,180	221	0	10,374	9,935	0	1,080	1,118	28,897
1993	687	416	420	343	319	447	825	682	13,749	8,195	3,712	0	29,793
1994	1,952	1,194	1,219	717	1,411	2,390	0	1,383	6,758	8,335	2,840	0	28,198
1995	2,988	2,647	2,903	2,566	2,761	4,402	4,441	3,722	12,643	28,958	0	1,634	69,662
1996	2,487	1,566	1,586	1,290	3,019	5,354	2,693	34,029	35,983	2,791	8,015	6,643	105,457
1997	1,432	2,648	1,941	1,600	597	0	14,141	33,192	33,259	2,216	67	2,111	93,204
1998	1,034	863	826	479	261	842	5,234	26,343	30,224	13,286	7	1,717	81,116
1999	1,657	1,120	1,071	776	2,599	4,729	10,779	35,962	34,422	6,380	3,312	4,277	107,084
Average	1,662	2,668	2,146	1,280	1,712	3,459	3,881	19,015	26,358	8,932	3,233	2,796	77,141
Maximum	4,038	6,298	6,161	5,016	8,227	30,883	19,437	64,213	60,897	35,473	23,245	10,366	144,784
Minimum	687	416	366	44	26	0	0	0	0	0	0	0	12,766

P-4c
Bonneville Unit Operations (cfs)
Provo River from Snake Creek to Deer Creek Reservoir
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	33	93	39	32	32	35	53	575	715	123	44	56	**153**
1951	20	72	100	46	52	89	75	820	610	80	36	100	**176**
1952	33	93	39	32	31	35	53	575	715	123	44	56	**141**
1953	20	72	100	46	52	89	75	820	610	80	36	100	**114**
1954	21	37	59	40	52	76	130	601	605	26	1	45	**37**
1955	20	53	38	25	24	3	13	137	868	108	36	51	**38**
1956	26	37	30	13	20	46	83	111	0	0	38	37	**131**
1957	15	31	25	1	3	6	8	54	223	42	33	18	**122**
1958	13	51	25	12	9	22	34	143	577	443	216	24	**117**
1959	15	45	28	10	13	10	38	36	869	250	91	71	**47**
1960	16	57	52	9	32	24	67	568	361	105	62	39	**61**
1961	15	32	28	1	5	6	41	67	302	21	32	20	**24**
1962	20	66	9	1	8	17	66	66	276	147	37	18	**139**
1963	42	18	8	1	1	1	0	0	169	12	2	37	**102**
1964	18	30	13	1	6	3	45	90	356	558	378	155	**133**
1965	24	41	20	8	14	8	0	165	407	384	119	26	**132**
1966	22	50	16	8	11	11	0	75	303	577	377	143	**86**
1967	21	63	44	38	35	34	39	121	612	345	56	174	**70**
1968	28	60	84	46	45	91	95	297	95	78	62	45	**126**
1969	22	58	29	15	13	22	10	82	462	47	22	55	**154**
1970	22	59	63	24	31	57	48	90	988	60	13	71	**125**
1971	21	71	67	46	54	46	74	1,044	383	0	0	26	**167**
1972	24	69	50	43	40	49	0	505	559	76	25	51	**156**
1973	25	106	76	82	95	80	58	641	726	63	19	38	**146**
1974	31	105	85	70	99	113	109	730	497	23	8	6	**152**
1975	30	105	73	63	65	89	61	591	527	55	0	87	**159**
1976	18	59	37	11	12	10	15	955	584	53	26	31	**96**
1977	30	31	41	20	29	30	8	131	1,023	464	27	73	**18**
1978	23	56	47	30	19	18	22	587	207	50	53	33	**131**
1979	29	26	24	12	13	23	46	24	14	0	0	0	**45**
1980	35	24	6	2	8	23	0	3	695	470	265	41	**68**
1981	49	39	33	15	24	48	36	142	85	7	23	33	**85**
1982	30	23	21	18	23	40	44	123	339	65	31	68	**119**
1983	35	62	40	20	21	20	7	198	450	83	40	42	**167**
1984	20	52	13	9	12	34	16	432	555	226	8	52	**184**
1985	23	15	37	15	106	420	41	279	725	270	1	66	**117**
1986	25	17	51	42	148	174	288	551	670	216	0	40	**200**
1987	22	15	14	12	38	56	298	557	348	0	18	31	**133**
1988	23	86	17	13	0	502	231	501	811	206	0	0	**36**
1989	42	29	27	24	49	87	327	695	54	67	93	100	**73**
1990	40	25	23	6	20	25	2	71	210	0	0	14	**42**
1991	66	25	23	5	3	19	0	178	355	171	13	11	**55**
1992	28	26	24	17	22	25	54	36	277	0	0	0	**40**
1993	39	26	24	3	6	21	38	21	281	152	17	28	**41**
1994	34	21	18	9	21	4	0	169	167	0	18	19	**39**
1995	11	7	7	6	6	7	14	11	231	133	60	0	**96**
1996	32	20	20	12	25	39	0	22	114	136	46	0	**145**
1997	49	44	47	42	50	72	75	61	212	471	0	27	**129**
1998	40	26	26	21	54	87	45	553	605	45	130	112	**112**
1999	23	45	32	26	11	0	238	540	559	36	1	35	**148**
Average	27	47	37	22	31	57	62	317	448	143	53	48	**106**
Maximum	66	106	100	82	148	502	327	1,044	1,023	577	378	174	**200**
Minimum	11	7	6	1	0	0	0	0	0	0	0	0	**18**

P-4d
Bonneville Unit Operations (acre-feet)
Provo River from Snake Creek to Deer Creek Reservoir
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	9,649	7,350	5,716	8,581	6,676	7,173	13,552	19,108	16,964	7,930	10,219	10,203	123,123
1951	10,558	13,128	7,232	5,947	6,190	6,183	9,076	16,308	24,354	10,398	11,340	13,654	134,366
1952	11,558	15,290	8,965	9,208	7,981	8,735	31,655	44,747	30,216	9,544	10,798	12,986	201,682
1953	11,202	12,623	7,712	9,133	6,716	5,649	6,325	6,723	21,580	8,101	10,985	10,222	116,970
1954	8,123	7,190	6,341	6,860	6,546	6,566	3,649	6,381	5,105	9,807	8,615	8,526	83,708
1955	7,762	7,884	7,208	5,969	4,662	6,782	3,749	5,773	8,094	6,757	7,880	8,776	81,297
1956	8,229	8,732	8,962	7,207	5,452	5,727	3,580	4,770	8,324	12,232	15,210	11,281	99,705
1957	6,950	9,044	7,729	7,132	7,179	5,135	3,519	7,943	17,253	20,116	13,342	9,439	114,780
1958	7,915	7,823	7,258	4,841	6,334	7,363	7,159	3,783	6,745	8,849	8,816	10,087	86,973
1959	7,792	8,063	6,795	5,794	5,635	5,571	2,414	6,228	5,776	7,570	7,096	8,358	77,093
1960	7,818	7,791	4,990	5,536	5,003	6,588	2,313	8,515	8,561	10,235	4,287	6,330	77,966
1961	6,551	6,085	5,540	4,782	4,528	4,919	2,438	5,531	5,958	5,397	6,492	6,115	64,337
1962	7,207	6,902	4,970	4,554	7,449	4,887	7,473	6,462	6,429	16,326	15,568	11,600	99,830
1963	6,772	6,855	5,437	4,317	3,952	4,022	3,955	5,330	7,454	11,318	7,907	7,563	74,882
1964	6,934	8,907	6,531	4,654	3,826	3,475	5,820	2,877	5,757	16,243	16,182	12,192	93,398
1965	6,980	6,338	8,756	5,555	6,375	3,761	6,041	8,087	19,840	11,213	9,899	11,978	104,824
1966	10,205	8,228	6,898	5,499	3,986	6,872	6,861	13,276	10,369	6,432	7,092	9,183	94,902
1967	8,086	7,232	7,668	5,859	5,052	7,071	3,746	9,867	9,460	15,456	17,828	17,938	115,263
1968	8,102	7,341	6,903	4,938	5,791	6,318	4,473	5,618	15,855	11,651	10,941	10,629	98,558
1969	9,662	8,892	5,456	8,194	5,773	4,709	9,557	4,419	33,920	11,201	11,920	10,596	124,299
1970	9,986	9,371	7,000	7,030	6,153	4,288	2,923	11,469	6,593	9,538	12,332	11,078	97,761
1971	9,960	9,781	7,597	5,639	4,440	6,375	4,009	2,671	35,758	10,022	11,935	11,522	119,708
1972	9,948	9,316	7,950	7,079	4,839	7,297	3,344	14,923	7,275	13,112	10,851	11,492	107,425
1973	11,759	10,087	7,505	5,646	4,848	6,186	9,232	8,382	28,621	11,346	13,637	12,046	129,295
1974	10,522	8,240	6,504	7,245	6,042	6,914	4,700	3,939	33,373	12,827	11,967	11,207	123,479
1975	8,980	9,768	6,060	5,299	4,810	7,231	5,066	6,703	31,411	7,007	12,558	10,898	115,791
1976	9,571	8,084	6,183	6,427	6,619	8,167	4,989	47	8,210	7,952	8,305	10,085	84,638
1977	8,361	8,058	7,812	6,108	5,633	5,920	3,113	4,546	5,600	3,329	7,634	9,060	75,173
1978	6,926	5,021	6,878	5,085	4,705	8,231	4,747	6,475	16,069	16,006	14,809	10,962	105,913
1979	9,744	9,050	5,659	5,105	5,617	9,051	4,203	4,937	10,110	9,493	8,036	10,271	91,276
1980	8,357	8,347	6,164	11,096	6,806	7,086	7,851	11,952	8,622	15,638	8,558	11,163	111,640
1981	9,663	7,574	8,726	5,799	5,538	5,930	2,166	2,259	16,739	5,011	6,185	7,992	83,580
1982	9,746	8,941	9,097	6,201	6,828	11,351	8,864	9,749	27,614	11,325	12,567	17,156	139,440
1983	13,643	15,889	7,901	6,856	8,227	55,603	14,664	14,107	40,521	8,521	13,555	19,874	219,361
1984	12,000	9,249	7,929	5,483	9,741	19,881	36,152	18,389	26,939	15,098	14,054	16,071	190,986
1985	15,333	9,878	9,257	7,280	6,280	11,580	23,694	35,670	6,597	13,170	13,211	14,601	166,552
1986	13,370	11,235	7,703	5,415	14,068	43,348	17,613	29,551	36,928	13,438	12,315	13,407	218,391
1987	14,666	7,367	6,894	7,193	5,682	9,886	6,830	3,186	8,625	10,959	12,576	12,205	106,069
1988	8,293	8,841	8,075	6,330	7,130	8,144	4,664	4,557	8,087	3,825	7,562	7,442	82,949
1989	8,099	5,319	6,526	5,383	5,814	8,773	4,297	7,184	10,699	5,965	7,440	8,510	84,007
1990	6,848	13,472	4,027	4,303	3,993	4,239	3,036	5,175	3,823	3,102	5,459	5,550	63,025
1991	9,252	4,875	5,734	4,168	3,786	4,591	2,189	5,175	4,250	5,906	6,009	5,040	60,974
1992	7,477	6,473	5,573	4,546	4,977	2,970	2,581	5,177	3,670	6,548	7,797	3,640	61,429
1993	7,805	6,090	6,525	4,985	7,292	9,479	6,184	6,061	15,259	13,356	5,235	4,159	92,430
1994	7,803	8,197	6,100	6,244	4,393	4,537	2,134	5,563	13,411	3,571	4,841	6,701	73,495
1995	6,584	6,211	5,022	5,105	4,503	4,542	1,515	5,136	5,686	41,634	20,557	4,884	111,379
1996	9,705	9,610	7,323	5,986	4,533	6,692	4,294	2,480	34,305	9,140	5,839	8,835	108,741
1997	10,147	9,391	7,543	6,469	4,259	6,626	20,152	31,111	27,165	17,817	8,523	11,714	160,917
1998	8,895	10,085	5,545	6,964	4,324	8,491	9,080	29,657	30,192	10,288	13,367	16,749	153,636
1999	16,154	9,813	6,759	6,026	6,340	4,950	16,633	17,280	23,455	14,584	11,764	12,844	146,603
Average	9,353	8,707	6,893	6,141	5,867	8,517	7,565	10,105	16,072	10,926	10,438	10,496	111,080
Maximum	16,154	15,889	9,257	11,096	14,068	55,603	36,152	44,747	40,521	41,634	20,557	19,874	219,361
Minimum	6,551	4,875	4,027	4,168	3,786	2,970	1,515	47	3,670	3,102	4,287	3,640	60,974

P-4d
Bonneville Unit Operations (cfs)
Provo River from Snake Creek to Deer Creek Reservoir
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	157	124	93	140	120	117	228	311	285	129	166	171	170
1951	172	221	118	97	111	101	153	265	409	169	184	229	186
1952	188	257	146	150	139	142	532	728	508	155	176	218	278
1953	182	212	125	149	121	92	106	109	363	132	179	172	162
1954	132	121	103	112	118	107	61	104	86	159	140	143	116
1955	126	133	117	97	84	110	63	94	136	110	128	147	112
1956	134	147	146	117	95	93	60	78	140	199	247	190	137
1957	113	152	126	116	129	84	59	129	290	327	217	159	159
1958	129	131	118	79	114	120	120	62	113	144	143	170	120
1959	127	136	111	94	101	91	41	101	97	123	115	140	106
1960	127	131	81	90	87	107	39	138	144	166	70	106	107
1961	107	102	90	78	82	80	41	90	100	88	106	103	89
1962	117	116	81	74	134	79	126	105	108	266	253	195	138
1963	110	115	88	70	71	65	66	87	125	184	129	127	103
1964	113	150	106	76	67	57	98	47	97	264	263	205	129
1965	114	107	142	90	115	61	102	132	333	182	161	201	145
1966	166	138	112	89	72	112	115	216	174	105	115	154	131
1967	132	122	125	95	91	115	63	160	159	251	290	301	159
1968	132	123	112	80	101	103	75	91	266	189	178	179	136
1969	157	149	89	133	104	77	161	72	570	182	194	178	172
1970	162	157	114	114	111	70	49	187	111	155	201	186	135
1971	162	164	124	92	80	104	67	43	601	163	194	194	165
1972	162	157	129	115	84	119	56	243	122	213	176	193	148
1973	191	170	122	92	87	101	155	136	481	185	222	202	179
1974	171	138	106	118	109	112	79	64	561	209	195	188	171
1975	146	164	99	86	87	118	85	109	528	114	204	183	160
1976	156	136	101	105	115	133	84	1	138	129	135	169	117
1977	136	135	127	99	101	96	52	74	94	54	124	152	104
1978	113	84	112	83	85	134	80	105	270	260	241	184	146
1979	158	152	92	83	101	147	71	80	170	154	131	173	126
1980	136	140	100	180	118	115	132	194	145	254	139	188	154
1981	157	127	142	94	100	96	36	37	281	81	101	134	115
1982	159	150	148	101	123	185	149	159	464	184	204	288	193
1983	222	267	129	112	148	904	246	229	681	139	220	334	303
1984	195	155	129	89	169	323	608	299	453	246	229	270	263
1985	249	166	151	118	113	188	398	580	111	214	215	245	230
1986	217	189	125	88	253	705	296	481	621	219	200	225	302
1987	239	124	112	117	102	161	115	52	145	178	205	205	147
1988	135	149	131	103	124	132	78	74	136	62	123	125	114
1989	132	89	106	88	105	143	72	117	180	97	121	143	116
1990	111	226	65	70	72	69	51	84	64	50	89	93	87
1991	150	82	93	68	68	75	37	84	71	96	98	85	84
1992	122	109	91	74	87	48	43	84	62	106	127	61	85
1993	127	102	106	81	131	154	104	99	256	217	85	70	128
1994	127	138	99	102	79	74	36	90	225	58	79	113	102
1995	107	104	82	83	81	74	25	84	96	677	334	82	154
1996	158	162	119	97	79	109	72	40	577	149	95	148	150
1997	165	158	123	105	77	108	339	506	457	290	139	197	222
1998	145	169	90	113	78	138	153	482	507	167	217	281	212
1999	263	165	110	98	114	81	280	281	394	237	191	216	203
Average	152	146	112	100	105	139	127	164	270	178	170	176	153
Maximum	263	267	151	180	253	904	608	728	681	677	334	334	303
Minimum	107	82	65	68	67	48	25	1	62	50	70	61	84

P-5a
Bonneville Unit Operations (acre-feet)
Provo River from Outlet of Deer Creek to North Fork
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	9,393	6,971	8,367	6,149	5,554	6,149	17,970	60,605	71,445	39,294	28,884	22,802	283,581
1951	13,595	6,978	6,250	6,149	5,554	6,149	18,425	74,214	75,716	40,268	28,805	28,360	310,462
1952	7,922	7,847	6,927	6,149	5,752	20,323	44,449	94,428	82,308	36,219	26,604	24,953	363,881
1953	10,337	6,399	6,149	6,149	5,554	8,677	14,475	44,959	75,807	35,201	33,413	25,926	273,046
1954	14,063	6,200	6,149	6,149	5,554	6,149	20,087	38,253	25,719	38,047	35,567	28,667	230,602
1955	15,707	6,200	6,149	6,149	5,554	6,149	11,387	36,157	39,710	41,163	35,850	29,166	239,339
1956	11,605	5,950	6,149	6,149	5,752	6,149	16,446	36,048	40,715	37,007	33,078	28,904	233,950
1957	11,595	6,532	6,149	6,149	5,554	6,149	9,479	27,391	54,667	38,104	32,660	27,010	231,438
1958	12,755	6,200	6,149	6,149	5,554	6,149	9,609	46,169	45,576	35,784	32,815	25,846	238,753
1959	12,497	6,200	6,149	6,149	5,554	6,149	18,083	38,063	41,257	35,803	33,487	27,608	236,996
1960	12,954	5,950	6,149	6,149	5,752	6,149	15,275	35,510	39,125	47,260	37,128	31,599	248,999
1961	11,417	6,130	6,149	6,200	5,554	7,523	17,230	30,995	19,426	22,856	22,956	15,920	172,355
1962	12,315	6,665	6,518	6,297	5,554	6,201	6,200	34,097	36,235	34,505	32,085	27,508	214,179
1963	12,841	7,334	6,149	6,149	5,554	6,149	14,228	36,662	38,978	38,338	32,689	26,950	232,020
1964	16,916	9,651	6,200	6,149	5,752	6,149	12,211	23,471	33,596	36,969	34,118	29,727	220,908
1965	14,489	7,042	7,676	6,149	5,554	6,149	9,266	32,635	70,601	35,620	25,951	21,689	242,819
1966	9,329	5,950	12,050	10,889	9,393	16,165	18,391	55,947	34,409	34,775	31,985	26,357	265,640
1967	12,409	6,915	7,118	6,149	5,554	6,149	14,802	33,562	51,578	34,549	32,499	27,142	238,424
1968	12,998	6,808	7,109	6,149	5,752	6,149	7,976	36,946	77,337	35,576	30,604	26,235	259,639
1969	10,401	6,712	7,119	6,149	5,554	7,206	21,536	84,928	73,798	38,435	30,570	25,139	317,547
1970	7,562	5,984	6,149	6,149	5,554	6,149	13,417	55,492	49,732	39,321	33,558	25,441	254,507
1971	8,412	6,386	6,317	6,149	5,554	6,149	14,644	55,546	85,979	33,819	30,436	24,654	284,045
1972	8,796	6,216	6,729	6,149	5,752	12,608	13,813	66,785	49,839	41,084	29,744	24,131	271,645
1973	8,784	6,428	6,549	6,149	5,554	6,149	19,439	57,654	76,237	43,596	33,165	28,597	298,302
1974	8,823	6,203	6,149	6,149	5,554	6,149	13,330	72,572	85,250	47,601	37,588	29,675	325,041
1975	11,395	6,388	6,149	6,149	5,554	6,149	8,127	32,630	97,984	51,763	41,671	31,993	305,955
1976	9,730	5,950	6,149	6,149	5,752	6,149	12,447	48,257	43,172	34,459	33,938	29,900	242,050
1977	8,574	6,028	6,149	6,149	5,554	6,149	12,180	24,516	24,347	33,317	35,828	28,971	197,760
1978	10,296	5,950	6,149	6,123	5,527	6,692	8,231	34,381	31,329	40,848	36,562	30,680	222,769
1979	8,624	5,950	6,149	6,149	5,554	6,149	15,895	33,128	38,870	37,504	37,514	28,350	229,834
1980	10,115	5,950	6,149	6,149	5,752	6,149	8,966	46,403	51,477	37,806	37,168	30,511	252,593
1981	7,278	5,950	6,149	6,149	5,554	6,149	12,962	31,418	39,779	33,465	33,395	27,527	215,774
1982	6,998	5,977	6,149	6,149	5,554	6,149	10,850	69,805	68,048	53,815	37,863	26,128	303,483
1983	7,150	6,037	6,149	6,149	17,148	85,366	23,205	61,471	100,042	53,441	34,364	30,701	431,222
1984	7,931	5,950	6,149	11,093	17,122	30,959	59,979	86,906	77,964	55,194	36,717	31,817	427,780
1985	8,256	5,950	6,149	6,149	9,435	16,374	51,698	79,742	44,862	41,244	36,838	27,764	334,462
1986	7,561	5,966	6,149	6,149	10,906	93,204	45,978	82,548	105,033	61,808	35,629	28,811	489,742
1987	7,182	6,267	6,149	6,149	17,267	14,559	30,104	57,197	32,267	37,765	43,706	33,506	292,119
1988	8,060	5,950	6,149	6,149	5,752	6,149	19,806	34,775	28,762	38,139	40,155	24,785	224,631
1989	19,248	6,125	6,149	6,149	5,554	6,149	19,818	41,113	42,631	39,433	40,080	25,824	258,270
1990	11,728	5,952	6,149	6,149	5,544	6,137	6,224	38,786	38,319	37,215	28,717	25,746	216,666
1991	7,199	5,953	6,149	6,149	5,554	6,149	8,928	23,197	38,591	41,685	32,953	20,814	203,319
1992	8,038	5,952	6,149	6,200	6,200	6,200	15,299	35,412	26,890	25,449	26,726	12,345	180,860
1993	7,285	6,107	6,149	6,149	5,554	6,149	5,964	25,349	27,297	30,349	29,439	29,091	184,880
1994	6,961	5,950	6,149	6,149	5,554	6,149	14,758	33,327	33,711	35,637	34,085	20,464	208,893
1995	7,241	5,950	6,149	6,149	5,554	6,149	5,950	29,575	26,438	41,722	27,549	21,205	189,629
1996	6,868	6,018	6,149	11,755	5,752	7,560	20,027	58,636	79,735	45,168	31,744	26,313	305,725
1997	8,807	5,950	6,149	6,149	5,554	13,419	53,910	86,073	79,286	48,166	36,835	28,120	378,416
1998	8,297	5,981	6,149	6,149	5,554	6,149	11,758	77,733	75,386	45,276	29,695	25,029	303,155
1999	7,113	6,006	6,149	6,149	9,302	15,105	32,248	71,815	63,556	50,107	30,614	26,903	325,066
Average	10,117	6,321	6,449	6,459	6,639	11,421	18,150	49,066	53,816	39,840	33,320	26,666	268,263
Maximum	19,248	9,651	12,050	11,755	17,267	93,204	59,979	94,428	105,033	61,808	43,706	33,506	489,742
Minimum	6,868	5,950	6,149	6,123	5,527	6,137	5,950	23,197	19,426	22,856	22,956	12,345	172,355

P-5a
Bonneville Unit Operations (cfs)
Provo River from Outlet of Deer Creek to North Fork
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	153	117	136	100	100	100	302	986	1,201	639	470	383	392
1951	221	117	102	100	100	100	310	1,207	1,272	655	468	477	429
1952	129	132	113	100	100	331	747	1,536	1,383	589	433	419	501
1953	168	108	100	100	100	141	243	731	1,274	573	543	436	377
1954	229	104	100	100	100	100	338	622	432	619	578	482	319
1955	255	104	100	100	100	100	191	588	667	669	583	490	331
1956	189	100	100	100	100	100	276	586	684	602	538	486	322
1957	189	110	100	100	100	100	159	445	919	620	531	454	320
1958	207	104	100	100	100	100	161	751	766	582	534	434	330
1959	203	104	100	100	100	100	304	619	693	582	545	464	327
1960	211	100	100	100	100	100	257	578	658	769	604	531	343
1961	186	103	100	101	100	122	290	504	326	372	373	268	238
1962	200	112	106	102	100	101	104	555	609	561	522	462	296
1963	209	123	100	100	100	100	239	596	655	624	532	453	320
1964	275	162	101	100	100	100	205	382	565	601	555	500	304
1965	236	118	125	100	100	100	156	531	1,187	579	422	365	335
1966	152	100	196	177	169	263	309	910	578	566	520	443	367
1967	202	116	116	100	100	100	249	546	867	562	529	456	329
1968	211	114	116	100	100	100	134	601	1,300	579	498	441	358
1969	169	113	116	100	100	117	362	1,381	1,240	625	497	422	439
1970	123	101	100	100	100	100	225	903	836	640	546	428	352
1971	137	107	103	100	100	100	246	903	1,445	550	495	414	392
1972	143	104	109	100	100	205	232	1,086	838	668	484	406	374
1973	143	108	107	100	100	100	327	938	1,281	709	539	481	412
1974	143	104	100	100	100	100	224	1,180	1,433	774	611	499	449
1975	185	107	100	100	100	100	137	531	1,647	842	678	538	423
1976	158	100	100	100	100	100	209	785	726	560	552	503	333
1977	139	101	100	100	100	100	205	399	409	542	583	487	273
1978	167	100	100	100	100	109	138	559	527	664	595	516	308
1979	140	100	100	100	100	100	267	539	653	610	610	476	317
1980	165	100	100	100	100	100	151	755	865	615	605	513	348
1981	118	100	100	100	100	100	218	511	669	544	543	463	298
1982	114	100	100	100	100	100	182	1,135	1,144	875	616	439	419
1983	116	101	100	100	309	1,388	390	1,000	1,681	869	559	516	596
1984	129	100	100	180	298	504	1,008	1,413	1,310	898	597	535	589
1985	134	100	100	100	170	266	869	1,297	754	671	599	467	462
1986	123	100	100	100	196	1,516	773	1,343	1,765	1,005	579	484	676
1987	117	105	100	100	311	237	506	930	542	614	711	563	404
1988	131	100	100	100	100	100	333	566	483	620	653	417	309
1989	313	103	100	100	100	100	333	669	716	641	652	434	357
1990	191	100	100	100	100	100	105	631	644	605	467	433	299
1991	117	100	100	100	100	100	150	377	649	678	536	350	281
1992	131	100	100	101	108	101	257	576	452	414	435	207	249
1993	118	103	100	100	100	100	100	412	459	494	479	489	255
1994	113	100	100	100	100	100	248	542	567	580	554	344	289
1995	118	100	100	100	100	100	100	481	444	679	448	356	262
1996	112	101	100	191	100	123	337	954	1,340	735	516	442	421
1997	143	100	100	100	100	218	906	1,400	1,332	783	599	473	523
1998	135	101	100	100	100	100	198	1,264	1,267	736	483	421	419
1999	116	101	100	100	167	246	542	1,168	1,068	815	498	452	449
Average	165	106	105	105	119	186	305	798	904	648	542	448	370
Maximum	313	162	196	191	311	1,516	1,008	1,536	1,765	1,005	711	563	676
Minimum	112	100	100	100	100	100	100	377	326	372	373	207	238

P-5b
Bonneville Unit Operations (acre-feet)
Provo River from Outlet of Deer Creek to North Fork
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	4,613	3,522	4,936	4,024	3,132	4,000	9,023	4,278	6,413	11,569	13,259	9,359	78,127
1951	6,348	2,805	2,685	4,458	3,730	2,855	2,810	3,644	7,664	16,034	12,259	9,559	74,850
1952	5,687	3,305	3,185	3,213	1,235	2,047	686	3,577	6,164	13,574	11,559	8,959	63,190
1953	5,765	3,305	5,424	4,196	3,952	6,318	8,360	11,084	6,569	12,870	13,260	10,060	91,163
1954	6,542	5,326	4,644	4,684	3,967	3,114	7,675	11,052	14,243	19,438	17,338	12,938	110,960
1955	8,526	5,345	5,059	5,596	4,934	5,891	8,412	10,693	11,368	17,863	16,163	14,763	114,613
1956	7,507	3,905	5,443	4,430	4,695	4,088	7,475	7,901	10,381	16,576	15,076	14,676	102,155
1957	6,479	4,205	5,353	5,084	4,467	5,277	6,066	8,235	7,259	11,959	12,959	9,559	86,903
1958	6,748	5,325	4,051	5,207	3,372	4,017	4,766	4,479	11,840	14,459	14,159	9,959	88,382
1959	8,081	5,400	4,957	5,376	4,642	5,679	9,075	12,537	12,626	19,025	17,125	12,225	116,748
1960	7,781	3,805	5,626	5,399	4,737	4,419	5,275	9,450	12,226	19,325	23,925	19,625	121,594
1961	6,181	5,979	5,290	6,153	5,255	7,424	12,375	13,825	9,726	19,725	18,725	9,925	120,583
1962	10,018	6,409	6,451	6,229	4,800	6,081	4,436	8,066	9,252	11,747	13,747	13,047	100,281
1963	6,211	4,105	5,649	5,284	4,467	5,602	10,275	8,515	11,415	15,710	16,010	11,510	104,755
1964	7,026	3,805	5,845	4,994	4,623	5,336	9,224	6,290	9,180	11,976	13,976	13,876	96,151
1965	6,848	3,954	4,222	3,189	2,324	3,284	5,692	8,069	9,159	10,659	10,659	7,959	76,019
1966	4,572	4,795	2,485	2,847	4,493	3,744	4,975	8,502	11,935	18,231	16,031	11,131	93,741
1967	6,848	4,308	5,122	4,684	4,267	4,371	8,975	9,778	8,059	11,659	12,759	9,059	89,889
1968	6,248	5,020	3,711	4,393	3,901	2,447	5,664	11,055	6,264	12,359	11,659	8,759	81,480
1969	6,048	4,247	4,134	4,272	2,889	3,429	529	3,365	7,764	14,734	12,459	8,759	72,628
1970	5,327	4,884	4,443	3,240	3,174	3,310	9,319	6,675	7,032	16,204	13,351	8,251	85,211
1971	5,648	2,025	1,747	1,047	578	659	4,219	4,565	10,717	11,959	12,359	8,259	63,782
1972	5,448	2,545	1,847	1,147	564	0	0	3,127	7,264	16,834	12,859	9,059	60,694
1973	5,348	2,705	2,547	2,547	2,578	1,547	3,350	4,465	7,664	15,434	12,859	8,559	69,603
1974	5,837	5,261	3,978	3,978	3,564	5,001	12,365	5,939	11,856	16,379	16,837	11,831	102,826
1975	5,774	6,341	4,900	4,044	3,292	4,241	6,294	16,330	3,911	9,163	18,282	9,817	92,389
1976	6,797	5,738	3,357	3,259	4,018	4,110	9,200	7,079	11,500	15,914	15,535	14,233	100,739
1977	5,933	5,845	5,383	4,992	4,334	3,979	6,381	8,953	13,141	19,937	18,675	14,822	112,373
1978	6,654	5,265	5,346	5,624	5,089	6,692	7,287	12,762	9,607	17,484	17,105	12,172	111,087
1979	3,709	4,611	3,785	4,655	3,656	3,105	14,931	7,576	10,393	16,895	17,693	11,976	102,984
1980	5,507	5,657	5,272	4,828	3,971	4,144	6,427	5,959	5,975	12,758	14,841	9,712	85,049
1981	4,739	5,764	5,756	4,698	4,131	4,796	9,509	10,725	9,017	11,987	13,178	9,521	93,822
1982	4,509	3,593	5,651	4,505	3,602	4,183	9,879	6,296	8,201	14,426	15,042	9,913	89,799
1983	4,661	5,913	5,323	4,956	2,900	2,278	2,936	4,354	8,499	17,045	16,615	11,387	86,868
1984	5,442	5,567	2,082	2,572	915	1,885	2,028	7,748	8,102	15,473	16,516	13,448	81,778
1985	5,563	5,566	4,743	4,980	5,289	2,082	2,257	9,291	12,830	18,645	17,383	11,666	100,296
1986	5,073	3,138	5,471	5,088	6,058	3,161	3,657	9,344	9,417	19,694	15,829	10,307	96,238
1987	4,694	6,132	5,587	5,336	5,015	2,376	5,155	7,325	12,215	14,344	20,733	16,388	105,300
1988	4,093	5,587	5,711	5,377	3,845	3,822	8,875	12,910	6,677	18,963	18,290	8,843	102,994
1989	3,758	5,588	5,747	5,702	5,175	5,311	8,973	10,445	13,629	16,795	16,711	10,797	108,631
1990	5,778	5,394	5,271	5,969	3,080	5,089	1,486	11,132	9,025	13,559	16,124	13,056	94,961
1991	5,514	5,585	5,645	5,953	5,105	4,416	5,955	6,339	8,820	14,735	14,945	9,816	92,830
1992	5,978	5,168	4,718	6,052	6,071	6,020	12,377	13,238	8,944	19,422	18,979	9,636	116,600
1993	7,046	6,099	5,783	5,385	4,387	5,809	3,870	10,348	8,820	12,282	14,748	13,054	97,631
1994	4,473	5,725	5,352	5,189	3,850	3,848	10,641	8,638	10,601	15,823	16,621	11,199	101,959
1995	4,659	5,239	5,036	3,721	2,333	1,690	2,805	10,422	8,526	11,006	11,510	7,853	74,799
1996	4,232	6,019	5,974	5,015	3,877	2,376	4,200	5,591	5,682	15,549	12,491	8,638	79,642
1997	3,970	4,022	5,441	3,652	4,387	7,623	7,631	7,665	11,275	19,509	17,432	12,010	104,615
1998	5,603	5,788	5,159	4,306	4,252	3,790	4,501	7,184	8,879	14,749	11,950	10,164	86,327
1999	4,625	5,801	5,172	4,306	3,778	4,141	4,109	7,174	8,857	16,080	11,928	10,142	86,114
Average	5,809	4,829	4,730	4,517	3,855	4,018	6,448	8,280	9,332	15,371	15,210	11,045	93,443
Maximum	10,018	6,409	6,451	6,229	6,071	7,623	14,931	16,330	14,243	19,937	23,925	19,625	121,594
Minimum	3,709	2,025	1,747	1,047	564	0	0	3,127	3,911	9,163	10,659	7,853	60,694

P-5b
Bonneville Unit Operations (cfs)
Provo River from Outlet of Deer Creek to North Fork
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	75	59	80	65	56	65	152	70	108	188	216	157	108
1951	103	47	44	72	67	46	47	59	129	261	199	161	103
1952	92	56	52	52	21	33	12	58	104	221	188	151	87
1953	94	56	88	68	71	103	141	180	110	209	216	169	126
1954	106	90	76	76	71	51	129	180	239	316	282	217	153
1955	139	90	82	91	89	96	141	174	191	291	263	248	158
1956	122	66	89	72	82	66	126	128	174	270	245	247	141
1957	105	71	87	83	80	86	102	134	122	194	211	161	120
1958	110	89	66	85	61	65	80	73	199	235	230	167	122
1959	131	91	81	87	84	92	153	204	212	309	279	205	161
1960	127	64	92	88	82	72	89	154	205	314	389	330	168
1961	101	100	86	100	95	121	208	225	163	321	305	167	167
1962	163	108	105	101	86	99	75	131	155	191	224	219	139
1963	101	69	92	86	80	91	173	138	192	256	260	193	145
1964	114	64	95	81	80	87	155	102	154	195	227	233	132
1965	111	66	69	52	42	53	96	131	154	173	173	134	105
1966	74	81	40	46	81	61	84	138	201	297	261	187	129
1967	111	72	83	76	77	71	151	159	135	190	208	152	124
1968	102	84	60	71	68	40	95	180	105	201	190	147	112
1969	98	71	67	69	52	56	9	55	130	240	203	147	100
1970	87	82	72	53	57	54	157	109	118	264	217	139	118
1971	92	34	28	17	10	11	71	74	180	194	201	139	88
1972	89	43	30	19	10	0	0	51	122	274	209	152	84
1973	87	45	41	41	46	25	56	73	129	251	209	144	96
1974	95	88	65	65	64	81	208	97	199	266	274	199	142
1975	94	107	80	66	59	69	106	266	66	149	297	165	128
1976	111	96	55	53	70	67	155	115	193	259	253	239	139
1977	96	98	88	81	78	65	107	146	221	324	304	249	155
1978	108	88	87	91	92	109	122	208	161	284	278	205	153
1979	60	77	62	76	66	50	251	123	175	275	288	201	142
1980	90	95	86	79	69	67	108	97	100	207	241	163	117
1981	77	97	94	76	74	78	160	174	152	195	214	160	130
1982	73	60	92	73	65	68	166	102	138	235	245	167	124
1983	76	99	87	81	52	37	49	71	143	277	270	191	120
1984	89	94	34	42	16	31	34	126	136	252	269	226	113
1985	90	94	77	81	95	34	38	151	216	303	283	196	139
1986	83	53	89	83	109	51	61	152	158	320	257	173	133
1987	76	103	91	87	90	39	87	119	205	233	337	275	145
1988	67	94	93	87	67	62	149	210	112	308	297	149	142
1989	61	94	93	93	93	86	151	170	229	273	272	181	150
1990	94	91	86	97	55	83	25	181	152	221	262	219	131
1991	90	94	92	97	92	72	100	103	148	240	243	165	128
1992	97	87	77	98	106	98	208	215	150	316	309	162	161
1993	115	103	94	88	79	94	65	168	148	200	240	219	135
1994	73	96	87	84	69	63	179	140	178	257	270	188	141
1995	76	88	82	61	42	27	47	170	143	179	187	132	103
1996	69	101	97	82	67	39	71	91	95	253	203	145	110
1997	65	68	88	59	79	124	128	125	189	317	284	202	145
1998	91	97	84	70	77	62	76	117	149	240	194	171	119
1999	75	97	84	70	68	67	69	117	149	262	194	170	119
Average	94	81	77	73	69	65	108	135	157	250	247	186	129
Maximum	163	108	105	101	109	124	251	266	239	324	389	330	168
Minimum	60	34	28	17	10	0	0	51	66	149	173	132	84

P-5c
Bonneville Unit Operations (acre-feet)
Provo River from Outlet of Deer Creek to North Fork
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	2,590	5	5	1,746	1,890	1,740	872	38,481	5,841	12,358	5,629	3,607	74,766
1951	2,235	48	125	1,691	1,729	213	872	21,161	6,208	10,440	6,642	4,334	55,698
1952	2,235	48	147	838	1,598	6	6,038	8,537	10,132	9,003	5,139	3,256	46,977
1953	2,235	48	724	1,953	1,602	5	872	13,965	29,259	7,314	7,557	4,990	70,525
1954	2,235	48	1,035	1,342	1,466	1,446	2,797	4,638	4,232	7,439	7,688	5,084	39,449
1955	2,235	195	644	511	575	206	2,796	4,637	4,055	7,845	8,112	3,624	35,436
1956	0	202	705	1,606	1,012	1,989	2,796	4,636	4,223	6,950	7,165	4,709	35,993
1957	2,235	48	286	1,011	1,021	795	2,797	4,659	18,904	7,627	7,883	5,225	52,491
1958	2,235	48	181	848	1,335	2,005	2,797	28,411	9,726	7,502	7,753	5,131	67,972
1959	2,235	101	805	708	868	372	2,796	4,729	4,141	7,752	8,014	5,318	37,839
1960	2,235	203	451	671	972	1,619	2,796	4,648	4,100	8,126	8,406	5,600	39,829
1961	0	45	814	5	266	5	2,025	4,652	4,138	0	0	0	11,951
1962	0	107	6	6	642	6	872	6,537	4,161	8,001	8,275	5,506	34,120
1963	2,235	48	424	787	949	442	2,796	4,689	4,058	7,658	7,916	5,248	37,251
1964	2,235	99	6	1,118	1,119	786	2,796	4,613	4,170	7,783	8,047	5,342	38,115
1965	2,235	48	25	1,650	2,301	1,488	2,796	4,657	39,301	8,202	5,238	3,326	71,267
1966	2,235	94	0	65	126	6	2,796	17,051	4,054	6,909	7,132	4,686	45,155
1967	2,235	154	6	1,338	1,201	1,778	2,796	4,648	23,280	7,159	7,393	4,873	56,861
1968	2,235	48	162	1,233	1,851	918	872	6,552	17,513	6,658	6,871	4,498	49,412
1969	2,235	48	0	1,876	1,713	66	851	8,573	6,407	10,596	6,806	4,451	43,621
1970	2,235	161	557	1,861	2,006	1,477	2,796	33,016	10,610	7,470	7,720	5,108	75,017
1971	2,235	48	99	2,175	2,020	1,780	2,796	10,613	4,852	5,101	5,205	3,303	40,227
1972	2,235	48	90	2,227	2,008	5	7,961	5,152	5,481	9,160	5,303	3,373	43,042
1973	2,235	48	162	1,882	1,434	1,651	872	8,547	8,080	10,533	6,740	4,404	46,588
1974	2,235	48	555	577	559	984	965	8,722	20,951	12,986	9,304	6,244	64,130
1975	2,488	48	531	453	776	223	965	6,801	14,767	13,108	9,304	6,244	55,708
1976	2,488	119	717	1,160	1,734	2,038	965	16,225	4,521	8,986	9,304	6,244	54,501
1977	2,488	183	766	1,090	1,190	2,130	2,868	4,763	4,647	8,986	9,304	6,244	44,659
1978	0	642	802	443	395	0	944	6,828	4,425	8,986	9,304	6,244	39,014
1979	2,488	547	1,142	450	1,682	2,136	965	6,785	4,423	8,986	9,304	6,244	45,153
1980	2,488	293	877	1,321	1,781	1,011	965	6,716	10,649	8,986	9,304	6,244	50,636
1981	2,488	186	392	1,376	1,353	1,260	2,889	4,896	4,787	8,986	9,304	6,244	44,162
1982	2,488	193	392	1,519	1,824	1,965	971	8,768	10,539	20,634	9,304	6,244	64,842
1983	2,489	125	826	1,193	3,514	4,454	6,208	8,687	10,419	16,290	9,304	6,244	69,753
1984	2,488	383	1,004	5,134	4,378	4,810	11,120	8,809	10,424	24,706	9,304	6,244	88,805
1985	2,488	384	1,406	1,168	5	3,821	6,970	8,714	9,503	8,986	9,304	6,244	58,995
1986	2,488	297	678	1,061	0	10,656	6,944	8,690	10,421	24,354	9,304	6,244	81,137
1987	2,488	136	561	813	3,254	3,936	11,763	20,296	6,114	11,413	9,304	6,244	76,322
1988	2,488	363	392	753	629	755	2,889	4,864	4,426	8,986	9,304	6,244	42,095
1989	2,488	154	392	436	369	43	2,889	4,883	4,424	8,986	9,304	6,244	40,612
1990	2,488	558	877	128	2,455	946	965	6,700	4,425	8,986	963	0	29,491
1991	0	369	392	146	313	1,658	2,026	4,787	4,423	8,986	9,304	693	33,097
1992	0	784	1,172	5	0	11	2,025	4,858	3,118	0	0	0	11,973
1993	0	8	365	597	1,049	340	2,094	6,687	4,419	8,986	9,304	6,244	40,093
1994	2,488	226	796	801	1,043	570	2,889	4,861	4,423	8,986	9,304	2,334	38,722
1995	0	202	392	1,942	2,413	2,038	1,601	6,687	4,419	9,946	9,304	6,244	45,187
1996	2,488	0	175	0	1,875	0	944	8,794	5,847	15,408	9,304	6,282	51,117
1997	2,494	248	708	747	884	0	11,564	8,687	10,419	14,054	9,304	6,244	65,354
1998	2,588	194	989	1,557	1,048	2,358	6,705	8,687	10,419	16,267	9,304	6,244	66,360
1999	2,488	206	977	1,564	5	4,944	9,113	8,687	10,419	19,495	9,304	6,244	73,447
Average	1,988	178	515	1,112	1,325	1,478	3,249	9,254	8,694	10,061	7,738	4,909	50,499
Maximum	2,590	784	1,406	5,134	4,378	10,656	11,763	38,481	39,301	24,706	9,304	6,282	88,805
Minimum	0	0	0	0	0	0	851	4,613	3,118	0	0	0	11,951

P-5c
Bonneville Unit Operations (cfs)
Provo River from Outlet of Deer Creek to North Fork
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	42	0	0	28	34	28	15	626	98	201	92	61	103
1951	36	1	2	28	31	3	15	344	104	170	108	73	77
1952	36	1	2	14	28	0	101	139	170	146	84	55	65
1953	36	1	12	32	29	0	15	227	492	119	123	84	97
1954	36	1	17	22	26	24	47	75	71	121	125	85	54
1955	36	3	10	8	10	3	47	75	68	128	132	61	49
1956	0	3	11	26	18	32	47	75	71	113	117	79	50
1957	36	1	5	16	18	13	47	76	318	124	128	88	73
1958	36	1	3	14	24	33	47	462	163	122	126	86	94
1959	36	2	13	12	16	6	47	77	70	126	130	89	52
1960	36	3	7	11	17	26	47	76	69	132	137	94	55
1961	0	1	13	0	5	0	34	76	70	0	0	0	17
1962	0	2	0	0	12	0	15	106	70	130	135	93	47
1963	36	1	7	13	17	7	47	76	68	125	129	88	51
1964	36	2	0	18	19	13	47	75	70	127	131	90	53
1965	36	1	0	27	41	24	47	76	660	133	85	56	98
1966	36	2	0	1	2	0	47	277	68	112	116	79	62
1967	36	3	0	22	22	29	47	76	391	116	120	82	79
1968	36	1	3	20	32	15	15	107	294	108	112	76	68
1969	36	1	0	31	31	1	14	139	108	172	111	75	60
1970	36	3	9	30	36	24	47	537	178	122	126	86	104
1971	36	1	2	35	36	29	47	173	82	83	85	56	56
1972	36	1	1	36	35	0	134	84	92	149	86	57	59
1973	36	1	3	31	26	27	15	139	136	171	110	74	64
1974	36	1	9	9	10	16	16	142	352	211	151	105	89
1975	40	1	9	7	14	4	16	111	248	213	151	105	77
1976	40	2	12	19	30	33	16	264	76	146	151	105	75
1977	40	3	12	18	21	35	48	77	78	146	151	105	62
1978	0	11	13	7	7	0	16	111	74	146	151	105	54
1979	40	9	19	7	30	35	16	110	74	146	151	105	62
1980	40	5	14	21	31	16	16	109	179	146	151	105	70
1981	40	3	6	22	24	20	49	80	80	146	151	105	61
1982	40	3	6	25	33	32	16	143	177	336	151	105	90
1983	40	2	13	19	63	72	104	141	175	265	151	105	96
1984	40	6	16	83	76	78	187	143	175	402	151	105	122
1985	40	6	23	19	0	62	117	142	160	146	151	105	81
1986	40	5	11	17	0	173	117	141	175	396	151	105	112
1987	40	2	9	13	59	64	198	330	103	186	151	105	105
1988	40	6	6	12	11	12	49	79	74	146	151	105	58
1989	40	3	6	7	7	1	49	79	74	146	151	105	56
1990	40	9	14	2	44	15	16	109	74	146	16	0	41
1991	0	6	6	2	6	27	34	78	74	146	151	12	46
1992	0	13	19	0	0	0	34	79	52	0	0	0	16
1993	0	0	6	10	19	6	35	109	74	146	151	105	55
1994	40	4	13	13	19	9	49	79	74	146	151	39	53
1995	0	3	6	32	43	33	27	109	74	162	151	105	62
1996	40	0	3	0	33	0	16	143	98	251	151	106	70
1997	41	4	12	12	16	0	194	141	175	229	151	105	90
1998	42	3	16	25	19	38	113	141	175	265	151	105	92
1999	40	3	16	25	0	80	153	141	175	317	151	105	101
Average	32	3	8	18	24	24	55	151	146	164	126	82	70
Maximum	42	13	23	83	76	173	198	626	660	402	151	106	122
Minimum	0	0	0	0	0	0	14	75	52	0	0	0	16

P-5d
Bonneville Unit Operations (acre-feet)
Provo River from Outlet of Deer Creek to North Fork
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	2,190	3,443	3,426	378	532	409	8,075	17,846	59,191	15,368	9,996	9,835	130,687
1951	5,011	4,126	3,440	0	95	3,081	14,743	49,409	61,844	13,794	9,904	14,467	179,914
1952	0	4,495	3,595	2,098	2,919	18,270	37,726	82,314	66,013	13,642	9,906	12,738	253,715
1953	2,337	3,047	0	0	0	2,354	5,243	19,910	39,979	15,016	12,596	10,876	111,358
1954	5,286	827	470	122	121	1,588	9,615	22,562	7,245	11,170	10,542	10,645	80,193
1955	4,947	660	445	41	45	51	178	20,826	24,287	15,455	11,575	10,779	89,290
1956	4,098	1,844	0	112	44	71	6,175	23,511	26,111	13,480	10,837	9,519	95,801
1957	2,881	2,280	509	53	66	76	616	14,497	28,504	18,519	11,818	12,226	92,045
1958	3,771	828	1,916	93	847	126	2,046	13,278	24,011	13,823	10,903	10,756	82,399
1959	2,181	699	387	64	44	97	6,211	20,798	24,491	9,026	8,348	10,064	82,410
1960	2,938	1,942	71	78	42	110	7,204	21,412	22,800	19,809	4,796	6,374	87,576
1961	5,235	106	44	42	33	93	2,829	12,518	5,562	3,131	4,231	5,995	39,821
1962	2,298	149	61	63	112	114	892	19,494	22,822	14,757	10,062	8,955	79,779
1963	4,395	3,182	75	77	138	104	1,157	23,458	23,506	14,969	8,762	10,192	90,015
1964	7,656	5,747	349	36	9	26	190	12,567	20,247	17,210	12,096	10,509	86,642
1965	5,406	3,040	3,429	1,309	928	1,376	777	19,909	22,141	16,759	10,054	10,404	95,533
1966	2,522	1,061	9,565	7,977	4,774	12,414	10,619	30,394	18,421	9,635	8,822	10,540	126,744
1967	3,326	2,454	1,990	126	86	0	3,031	19,136	20,240	15,732	12,347	13,210	91,675
1968	4,515	1,740	3,236	522	0	2,783	1,440	19,339	53,560	16,559	12,074	12,978	128,747
1969	2,118	2,418	2,986	0	951	3,712	20,156	72,991	59,627	13,105	11,306	11,929	201,298
1970	0	939	1,149	1,047	373	1,361	1,302	15,801	32,090	15,647	12,488	12,083	94,280
1971	529	4,313	4,470	2,926	2,956	3,709	7,629	40,369	70,410	16,760	12,873	13,093	180,036
1972	1,113	3,623	4,792	2,774	3,180	12,602	5,851	58,507	37,095	15,090	11,582	11,698	167,908
1973	1,201	3,676	3,839	1,719	1,542	2,951	15,216	44,643	60,494	17,629	13,567	15,635	182,111
1974	751	895	1,615	1,593	1,431	163	0	57,910	52,442	18,237	11,447	11,600	158,085
1975	3,133	0	718	1,651	1,485	1,684	868	9,499	79,306	29,497	14,085	15,931	157,858
1976	445	93	2,075	1,729	0	0	2,283	24,953	27,151	9,559	9,099	9,423	86,810
1977	153	0	0	66	30	40	2,932	10,800	6,560	4,394	7,849	7,904	40,728
1978	3,642	43	0	56	43	0	0	14,791	17,297	14,378	10,153	12,264	72,667
1979	2,427	792	1,221	1,043	215	908	0	18,767	24,054	11,623	10,517	10,130	81,697
1980	2,120	0	0	0	0	994	1,574	33,728	34,853	16,062	13,023	14,555	116,908
1981	51	0	0	74	70	92	564	15,796	25,976	12,493	10,913	11,762	77,790
1982	0	2,192	105	124	128	0	0	54,741	49,308	18,756	13,517	9,971	148,841
1983	0	0	0	0	10,735	78,633	14,060	48,429	81,124	20,107	8,444	13,069	274,601
1984	0	0	3,062	3,387	11,830	24,264	46,831	70,349	59,438	15,015	10,897	12,125	257,198
1985	204	0	0	0	4,141	10,471	42,471	61,736	22,529	13,613	10,151	9,854	175,170
1986	0	2,532	0	0	4,847	79,387	35,377	64,513	85,195	17,760	10,495	12,260	312,367
1987	0	0	0	0	8,998	8,247	13,186	29,575	13,939	12,008	13,669	10,875	110,496
1988	1,479	0	45	18	1,278	1,571	8,043	17,001	17,659	10,191	12,560	9,698	79,542
1989	13,001	383	10	10	10	794	7,956	25,785	24,577	13,653	14,065	8,783	109,027
1990	3,462	0	0	52	10	102	3,774	20,955	24,870	14,671	11,630	12,690	92,214
1991	1,685	0	111	49	135	74	947	12,070	25,348	17,964	8,704	10,306	77,393
1992	2,061	0	259	143	129	170	896	17,317	14,829	6,027	7,747	2,709	52,287
1993	239	0	0	166	118	0	0	8,313	14,058	9,082	5,387	9,793	47,156
1994	0	0	0	158	661	1,730	1,228	19,828	18,687	10,829	8,160	6,931	68,212
1995	2,582	510	721	486	808	2,420	1,545	12,466	13,494	20,770	6,735	7,108	69,643
1996	147	0	0	6,740	0	5,184	14,884	44,251	68,206	14,211	9,949	11,393	174,966
1997	2,343	1,681	0	1,749	283	5,796	34,715	69,720	57,592	14,603	10,099	9,867	208,447
1998	106	0	0	285	254	0	552	61,861	56,089	14,259	8,440	8,621	150,468
1999	0	0	0	278	5,518	6,020	19,026	55,954	44,280	14,532	9,381	10,516	165,505
Average	2,320	1,315	1,204	830	1,460	5,924	8,453	31,532	35,791	14,408	10,372	10,713	124,321
Maximum	13,001	5,747	9,565	7,977	11,830	79,387	46,831	82,314	85,195	29,497	14,085	15,931	312,367
Minimum	0	0	0	0	0	0	0	8,313	5,562	3,131	4,231	2,709	39,821

P-5d
Bonneville Unit Operations (cfs)
Provo River from Outlet of Deer Creek to North Fork
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	36	58	56	6	10	7	136	290	995	250	163	165	181
1951	82	69	56	0	2	50	248	804	1,039	224	161	243	249
1952	0	76	58	34	51	297	634	1,339	1,109	222	161	214	350
1953	38	51	0	0	0	38	88	324	672	244	205	183	154
1954	86	14	8	2	2	26	162	367	122	182	171	179	111
1955	80	11	7	1	1	1	3	339	408	251	188	181	123
1956	67	31	0	2	1	1	104	382	439	219	176	160	132
1957	47	38	8	1	1	1	10	236	479	301	192	205	127
1958	61	14	31	2	15	2	34	216	404	225	177	181	114
1959	35	12	6	1	1	2	104	338	412	147	136	169	114
1960	48	33	1	1	1	2	121	348	383	322	78	107	121
1961	85	2	1	1	1	2	48	204	93	51	69	101	55
1962	37	3	1	1	2	2	15	317	384	240	164	150	110
1963	71	53	1	1	2	2	19	382	395	243	143	171	124
1964	125	97	6	1	0	0	3	204	340	280	197	177	119
1965	88	51	56	21	17	22	13	324	372	273	164	175	132
1966	41	18	156	130	86	202	178	494	310	157	143	177	175
1967	54	41	32	2	2	0	51	311	340	256	201	222	127
1968	73	29	53	8	0	45	24	315	900	269	196	218	177
1969	34	41	49	0	17	60	339	1,187	1,002	213	184	200	278
1970	0	16	19	17	7	22	22	257	539	254	203	203	130
1971	9	72	73	48	53	60	128	657	1,183	273	209	220	249
1972	18	61	78	45	55	205	98	952	623	245	188	197	231
1973	20	62	62	28	28	48	256	726	1,017	287	221	263	252
1974	12	15	26	26	26	3	0	942	881	297	186	195	218
1975	51	0	12	27	27	27	15	154	1,333	480	229	268	218
1976	7	2	34	28	0	0	38	406	456	155	148	158	120
1977	2	0	0	1	1	1	49	176	110	71	128	133	56
1978	59	1	0	1	1	0	0	241	291	234	165	206	100
1979	39	13	20	17	4	15	0	305	404	189	171	170	113
1980	34	0	0	0	0	16	26	549	586	261	212	245	161
1981	1	0	0	1	1	1	9	257	437	203	177	198	107
1982	0	37	2	2	2	0	0	890	829	305	220	168	206
1983	0	0	0	0	193	1,279	236	788	1,363	327	137	220	379
1984	0	0	50	55	206	395	787	1,144	999	244	177	204	354
1985	3	0	0	0	75	170	714	1,004	379	221	165	166	242
1986	0	43	0	0	87	1,291	595	1,049	1,432	289	171	206	431
1987	0	0	0	0	162	134	222	481	234	195	222	183	153
1988	24	0	1	0	22	26	135	277	297	166	204	163	110
1989	211	6	0	0	0	13	134	419	413	222	229	148	151
1990	56	0	0	1	0	2	63	341	418	239	189	213	127
1991	27	0	2	1	2	1	16	196	426	292	142	173	107
1992	34	0	4	2	2	3	15	282	249	98	126	46	72
1993	4	0	0	3	2	0	0	135	236	148	88	165	65
1994	0	0	0	3	12	28	21	322	314	176	133	116	94
1995	42	9	12	8	15	39	26	203	227	338	110	119	96
1996	2	0	0	110	0	84	250	720	1,146	231	162	191	241
1997	38	28	0	28	5	94	583	1,134	968	238	164	166	288
1998	2	0	0	5	5	0	9	1,006	943	232	137	145	208
1999	0	0	0	5	99	98	320	910	744	236	153	177	229
Average	38	22	20	14	26	96	142	513	602	234	169	180	172
Maximum	211	97	156	130	206	1,291	787	1,339	1,432	480	229	268	431
Minimum	0	0	0	0	0	0	0	135	93	51	69	46	55

P-5e
Bonneville Unit Operations (acre-feet)
Diversions into Salt Lake Aqueduct
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	6,100	4,490	4,490	2,859	2,145	2,175	1,150	2,530	7,700	7,290	7,700	7,710	56,340
1951	6,100	4,490	4,490	2,916	2,306	3,703	1,150	2,530	7,700	7,290	7,700	7,710	58,085
1952	6,100	4,490	4,490	3,768	2,298	3,910	1,150	2,530	7,700	7,290	7,700	7,710	59,137
1953	6,100	4,490	3,890	2,707	2,577	3,910	1,150	2,530	7,700	7,290	7,700	7,710	57,755
1954	6,100	4,490	3,510	3,263	2,569	2,469	1,150	2,530	7,700	7,290	7,700	7,710	56,482
1955	6,100	4,490	3,851	4,094	3,461	3,710	1,150	2,530	7,700	7,290	7,700	7,710	59,786
1956	299	2,340	1,502	2,870	2,738	1,926	1,150	2,530	7,700	7,290	7,700	7,710	45,756
1957	6,100	4,490	4,333	3,595	3,159	3,121	1,150	2,530	7,700	7,290	7,700	7,710	58,877
1958	6,100	4,490	4,375	3,757	2,700	1,910	1,150	2,530	7,700	7,290	7,700	7,710	57,413
1959	6,100	4,490	3,690	3,897	3,167	3,544	1,150	2,530	7,700	7,290	7,700	7,710	58,969
1960	6,100	4,410	4,061	3,934	2,924	2,296	1,150	2,530	7,700	7,290	7,700	7,710	57,805
1961	1,469	3,010	1,601	321	1	349	698	2,530	7,700	910	3	2,381	20,972
1962	3,544	3,975	1,956	1,244	432	3,910	1,150	2,530	7,700	7,290	7,700	7,710	49,141
1963	6,100	4,490	4,164	3,818	3,087	3,474	1,150	2,530	7,700	7,290	7,700	7,710	59,214
1964	6,100	4,490	4,490	3,487	2,777	3,129	1,150	2,530	7,700	7,290	7,700	7,710	58,554
1965	6,100	4,490	4,490	3,011	1,898	2,427	1,150	2,530	7,700	7,290	7,700	7,710	56,496
1966	6,100	4,443	4,490	4,600	4,030	3,910	1,150	2,530	7,700	7,290	7,700	7,710	61,653
1967	6,100	4,490	4,490	3,268	2,834	2,137	1,150	2,530	7,700	7,290	7,700	7,710	57,400
1968	6,100	4,490	4,490	3,373	2,040	3,003	1,150	2,530	7,700	7,290	7,700	7,710	57,575
1969	6,100	4,490	4,490	2,724	2,552	3,910	1,150	2,530	7,700	7,290	7,700	7,710	58,346
1970	6,100	4,490	4,049	2,745	2,029	2,438	1,150	2,530	7,700	7,290	7,700	7,710	55,932
1971	6,100	4,490	4,490	2,431	2,015	2,135	1,150	2,530	7,700	7,290	7,700	7,710	55,741
1972	6,100	4,490	4,490	2,477	1,888	3,910	1,150	2,530	7,700	7,290	7,700	7,710	57,435
1973	6,100	4,490	4,490	2,724	2,746	2,265	1,150	2,530	7,700	7,290	7,700	7,710	56,895
1974	6,100	4,490	4,122	4,042	3,477	2,931	1,150	2,530	7,700	7,290	7,700	7,710	59,242
1975	6,100	4,490	4,077	4,152	3,259	3,693	1,150	2,530	7,700	7,290	7,700	7,710	59,851
1976	6,100	4,488	3,773	3,451	2,162	1,877	1,150	2,530	7,700	7,290	7,700	7,710	55,932
1977	6,100	4,490	3,729	3,515	2,989	1,780	1,150	2,530	7,700	7,290	7,700	7,710	56,684
1978	3,598	1,421	1,010	0	0	399	1,150	2,530	7,700	7,290	7,700	7,710	40,508
1979	6,100	4,118	3,354	4,156	2,354	1,780	1,150	2,530	7,700	7,290	7,700	7,710	55,942
1980	6,100	4,297	3,618	3,284	2,116	2,905	1,150	2,530	7,700	7,290	7,700	7,710	56,401
1981	6,100	4,444	4,103	3,229	2,826	2,655	1,150	2,530	7,700	7,290	7,700	7,710	57,438
1982	6,100	4,490	4,103	3,087	2,212	1,945	1,150	2,530	7,700	7,290	7,700	7,710	56,016
1983	6,100	4,490	3,812	3,413	4,030	3,910	1,150	2,530	7,700	7,290	7,700	7,710	59,835
1984	6,100	4,200	3,522	4,600	3,891	3,910	1,150	2,530	7,700	7,290	7,700	7,710	60,304
1985	6,100	4,200	3,124	3,474	4,174	3,910	1,150	2,530	7,700	7,290	7,700	7,710	59,062
1986	6,100	4,490	3,812	3,539	4,030	3,910	1,150	2,530	7,700	7,290	7,700	7,710	59,961
1987	6,100	4,490	3,934	3,792	4,030	3,910	1,150	2,530	7,700	7,290	7,700	7,710	60,337
1988	6,100	4,297	4,103	3,853	3,267	3,160	1,150	2,530	7,700	7,290	7,700	7,710	58,860
1989	6,100	4,490	4,104	4,170	3,810	3,872	1,150	2,530	7,700	7,290	7,700	7,710	60,627
1990	6,100	4,199	1,182	155	0	0	1,150	2,530	7,700	7,290	7,700	52	38,057
1991	454	2,207	1,758	2,158	2,031	896	70	2,530	7,700	7,290	7,700	7,710	42,504
1992	32	3,391	1,104	144	128	1,567	2	2,530	7,700	258	98	486	17,439
1993	399	2,569	2,036	1,855	1,278	3,503	0	2,530	7,700	7,290	7,700	7,710	44,570
1994	6,100	4,342	3,798	3,804	2,992	3,346	1,150	2,530	7,700	7,290	7,700	7,710	58,463
1995	2,014	3,779	3,377	1,447	19	1,877	493	2,530	7,700	7,290	7,700	7,710	45,937
1996	6,100	4,490	4,315	4,600	2,155	3,910	1,150	2,530	7,700	7,290	7,700	7,710	59,650
1997	6,100	4,473	3,782	3,859	3,160	3,910	1,150	2,530	7,700	7,290	7,700	7,710	59,364
1998	6,100	4,490	3,522	3,048	2,988	1,557	1,150	2,530	7,700	7,290	7,700	7,710	55,786
1999	6,100	4,490	3,522	3,041	4,030	3,910	1,150	2,530	7,700	7,290	7,700	7,710	59,174
Average	5,360	4,186	3,631	3,075	2,516	2,814	1,060	2,530	7,700	7,022	7,394	7,306	54,594
Maximum	6,100	4,490	4,490	4,600	4,174	3,910	1,150	2,530	7,700	7,290	7,700	7,710	61,653
Minimum	32	1,421	1,010	0	0	0	0	2,530	7,700	258	3	52	17,439

P-5e
Bonneville Unit Operations (cfs)
Diversions into Salt Lake Aqueduct
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	99	75	73	47	39	35	19	41	129	119	125	130	78
1951	99	75	73	47	42	60	19	41	129	119	125	130	80
1952	99	75	73	61	40	64	19	41	129	119	125	130	81
1953	99	75	63	44	46	64	19	41	129	119	125	130	80
1954	99	75	57	53	46	40	19	41	129	119	125	130	78
1955	99	75	63	67	62	60	19	41	129	119	125	130	83
1956	5	39	24	47	48	31	19	41	129	119	125	130	63
1957	99	75	70	58	57	51	19	41	129	119	125	130	81
1958	99	75	71	61	49	31	19	41	129	119	125	130	79
1959	99	75	60	63	57	58	19	41	129	119	125	130	81
1960	99	74	66	64	51	37	19	41	129	119	125	130	80
1961	24	51	26	5	0	6	12	41	129	15	0	40	29
1962	58	67	32	20	8	64	19	41	129	119	125	130	68
1963	99	75	68	62	56	57	19	41	129	119	125	130	82
1964	99	75	73	57	48	51	19	41	129	119	125	130	81
1965	99	75	73	49	34	39	19	41	129	119	125	130	78
1966	99	75	73	75	73	64	19	41	129	119	125	130	85
1967	99	75	73	53	51	35	19	41	129	119	125	130	79
1968	99	75	73	55	35	49	19	41	129	119	125	130	79
1969	99	75	73	44	46	64	19	41	129	119	125	130	81
1970	99	75	66	45	37	40	19	41	129	119	125	130	77
1971	99	75	73	40	36	35	19	41	129	119	125	130	77
1972	99	75	73	40	33	64	19	41	129	119	125	130	79
1973	99	75	73	44	49	37	19	41	129	119	125	130	79
1974	99	75	67	66	63	48	19	41	129	119	125	130	82
1975	99	75	66	68	59	60	19	41	129	119	125	130	83
1976	99	75	61	56	38	31	19	41	129	119	125	130	77
1977	99	75	61	57	54	29	19	41	129	119	125	130	78
1978	59	24	16	0	0	6	19	41	129	119	125	130	56
1979	99	69	55	68	42	29	19	41	129	119	125	130	77
1980	99	72	59	53	37	47	19	41	129	119	125	130	78
1981	99	75	67	53	51	43	19	41	129	119	125	130	79
1982	99	75	67	50	40	32	19	41	129	119	125	130	77
1983	99	75	62	56	73	64	19	41	129	119	125	130	83
1984	99	71	57	75	68	64	19	41	129	119	125	130	83
1985	99	71	51	57	75	64	19	41	129	119	125	130	82
1986	99	75	62	58	73	64	19	41	129	119	125	130	83
1987	99	75	64	62	73	64	19	41	129	119	125	130	83
1988	99	72	67	63	57	51	19	41	129	119	125	130	81
1989	99	75	67	68	69	63	19	41	129	119	125	130	84
1990	99	71	19	3	0	0	19	41	129	119	125	1	53
1991	7	37	29	35	37	15	1	41	129	119	125	130	59
1992	1	57	18	2	2	25	0	41	129	4	2	8	24
1993	6	43	33	30	23	57	0	41	129	119	125	130	62
1994	99	73	62	62	54	54	19	41	129	119	125	130	81
1995	33	64	55	24	0	31	8	41	129	119	125	130	63
1996	99	75	70	75	37	64	19	41	129	119	125	130	82
1997	99	75	62	63	57	64	19	41	129	119	125	130	82
1998	99	75	57	50	54	25	19	41	129	119	125	130	77
1999	99	75	57	49	73	64	19	41	129	119	125	130	82
Average	87	70	59	50	45	46	18	41	129	114	120	123	75
Maximum	99	75	73	75	75	64	19	41	129	119	125	130	85
Minimum	1	24	16	0	0	0	0	41	129	4	0	1	24

P-5f
Bonneville Unit Operations (acre-feet)
Diversions into Salt Lake Aqueduct
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
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
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0	0
Average	0	0	0	0	0	0	0	0	0	0	0	0	0
Maximum	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0

P-5f
Bonneville Unit Operations (cfs)
Diversions into Salt Lake Aqueduct
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
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
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0	0
Average	0	0	0	0	0	0	0	0	0	0	0	0	0
Maximum	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0

P-5g
Bonneville Unit Operations (acre-feet)
Diversions into Salt Lake Aqueduct
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	6,100	4,490	4,490	2,859	2,145	2,175	1,150	2,530	7,700	7,290	7,700	7,710	56,340
1951	6,100	4,490	4,490	2,916	2,306	3,703	1,150	2,530	7,700	7,290	7,700	7,710	58,085
1952	6,100	4,490	4,490	3,768	2,298	3,910	1,150	2,530	7,700	7,290	7,700	7,710	59,137
1953	6,100	4,490	3,890	2,707	2,577	3,910	1,150	2,530	7,700	7,290	7,700	7,710	57,755
1954	6,100	4,490	3,510	3,263	2,569	2,469	1,150	2,530	7,700	7,290	7,700	7,710	56,482
1955	6,100	4,490	3,851	4,094	3,461	3,710	1,150	2,530	7,700	7,290	7,700	7,710	59,786
1956	299	2,340	1,502	2,870	2,738	1,926	1,150	2,530	7,700	7,290	7,700	7,710	45,756
1957	6,100	4,490	4,333	3,595	3,159	3,121	1,150	2,530	7,700	7,290	7,700	7,710	58,877
1958	6,100	4,490	4,375	3,757	2,700	1,910	1,150	2,530	7,700	7,290	7,700	7,710	57,413
1959	6,100	4,490	3,690	3,897	3,167	3,544	1,150	2,530	7,700	7,290	7,700	7,710	58,969
1960	6,100	4,410	4,061	3,934	2,924	2,296	1,150	2,530	7,700	7,290	7,700	7,710	57,805
1961	1,469	3,010	1,601	321	1	349	698	2,530	7,700	910	3	2,381	20,972
1962	3,544	3,975	1,956	1,244	432	3,910	1,150	2,530	7,700	7,290	7,700	7,710	49,141
1963	6,100	4,490	4,164	3,818	3,087	3,474	1,150	2,530	7,700	7,290	7,700	7,710	59,214
1964	6,100	4,490	4,490	3,487	2,777	3,129	1,150	2,530	7,700	7,290	7,700	7,710	58,554
1965	6,100	4,490	4,490	3,011	1,898	2,427	1,150	2,530	7,700	7,290	7,700	7,710	56,496
1966	6,100	4,443	4,490	4,600	4,030	3,910	1,150	2,530	7,700	7,290	7,700	7,710	61,653
1967	6,100	4,490	4,490	3,268	2,834	2,137	1,150	2,530	7,700	7,290	7,700	7,710	57,400
1968	6,100	4,490	4,490	3,373	2,040	3,003	1,150	2,530	7,700	7,290	7,700	7,710	57,575
1969	6,100	4,490	4,490	2,724	2,552	3,910	1,150	2,530	7,700	7,290	7,700	7,710	58,346
1970	6,100	4,490	4,049	2,745	2,029	2,438	1,150	2,530	7,700	7,290	7,700	7,710	55,932
1971	6,100	4,490	4,490	2,431	2,015	2,135	1,150	2,530	7,700	7,290	7,700	7,710	55,741
1972	6,100	4,490	4,490	2,477	1,888	3,910	1,150	2,530	7,700	7,290	7,700	7,710	57,435
1973	6,100	4,490	4,490	2,724	2,746	2,265	1,150	2,530	7,700	7,290	7,700	7,710	56,895
1974	6,100	4,490	4,122	4,042	3,477	2,931	1,150	2,530	7,700	7,290	7,700	7,710	59,242
1975	6,100	4,490	4,077	4,152	3,259	3,693	1,150	2,530	7,700	7,290	7,700	7,710	59,851
1976	6,100	4,488	3,773	3,451	2,162	1,877	1,150	2,530	7,700	7,290	7,700	7,710	55,932
1977	6,100	4,490	3,729	3,515	2,989	1,780	1,150	2,530	7,700	7,290	7,700	7,710	56,684
1978	3,598	1,421	1,010	0	0	399	1,150	2,530	7,700	7,290	7,700	7,710	40,508
1979	6,100	4,118	3,354	4,156	2,354	1,780	1,150	2,530	7,700	7,290	7,700	7,710	55,942
1980	6,100	4,297	3,618	3,284	2,116	2,905	1,150	2,530	7,700	7,290	7,700	7,710	56,401
1981	6,100	4,444	4,103	3,229	2,826	2,655	1,150	2,530	7,700	7,290	7,700	7,710	57,438
1982	6,100	4,490	4,103	3,087	2,212	1,945	1,150	2,530	7,700	7,290	7,700	7,710	56,016
1983	6,100	4,490	3,812	3,413	4,030	3,910	1,150	2,530	7,700	7,290	7,700	7,710	59,835
1984	6,100	4,200	3,522	4,600	3,891	3,910	1,150	2,530	7,700	7,290	7,700	7,710	60,304
1985	6,100	4,200	3,124	3,474	4,174	3,910	1,150	2,530	7,700	7,290	7,700	7,710	59,062
1986	6,100	4,490	3,812	3,539	4,030	3,910	1,150	2,530	7,700	7,290	7,700	7,710	59,961
1987	6,100	4,490	3,934	3,792	4,030	3,910	1,150	2,530	7,700	7,290	7,700	7,710	60,337
1988	6,100	4,297	4,103	3,853	3,267	3,160	1,150	2,530	7,700	7,290	7,700	7,710	58,860
1989	6,100	4,490	4,104	4,170	3,810	3,872	1,150	2,530	7,700	7,290	7,700	7,710	60,627
1990	6,100	4,199	1,182	155	0	0	1,150	2,530	7,700	7,290	7,700	52	38,057
1991	454	2,207	1,758	2,158	2,031	896	70	2,530	7,700	7,290	7,700	7,710	42,504
1992	32	3,391	1,104	144	128	1,567	2	2,530	7,700	258	98	486	17,439
1993	399	2,569	2,036	1,855	1,278	3,503	0	2,530	7,700	7,290	7,700	7,710	44,570
1994	6,100	4,342	3,798	3,804	2,992	3,346	1,150	2,530	7,700	7,290	7,700	7,710	58,463
1995	2,014	3,779	3,377	1,447	19	1,877	493	2,530	7,700	7,290	7,700	7,710	45,937
1996	6,100	4,490	4,315	4,600	2,155	3,910	1,150	2,530	7,700	7,290	7,700	7,710	59,650
1997	6,100	4,473	3,782	3,859	3,160	3,910	1,150	2,530	7,700	7,290	7,700	7,710	59,364
1998	6,100	4,490	3,522	3,048	2,988	1,557	1,150	2,530	7,700	7,290	7,700	7,710	55,786
1999	6,100	4,490	3,522	3,041	4,030	3,910	1,150	2,530	7,700	7,290	7,700	7,710	59,174
Average	5,360	4,186	3,631	3,075	2,516	2,814	1,060	2,530	7,700	7,022	7,394	7,306	54,594
Maximum	6,100	4,490	4,490	4,600	4,174	3,910	1,150	2,530	7,700	7,290	7,700	7,710	61,653
Minimum	32	1,421	1,010	0	0	0	0	2,530	7,700	258	3	52	17,439

P-5g
Bonneville Unit Operations (cfs)
Diversions into Salt Lake Aqueduct
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	99	75	73	47	39	35	19	41	129	119	125	130	78
1951	99	75	73	47	42	60	19	41	129	119	125	130	80
1952	99	75	73	61	40	64	19	41	129	119	125	130	81
1953	99	75	63	44	46	64	19	41	129	119	125	130	80
1954	99	75	57	53	46	40	19	41	129	119	125	130	78
1955	99	75	63	67	62	60	19	41	129	119	125	130	83
1956	5	39	24	47	48	31	19	41	129	119	125	130	63
1957	99	75	70	58	57	51	19	41	129	119	125	130	81
1958	99	75	71	61	49	31	19	41	129	119	125	130	79
1959	99	75	60	63	57	58	19	41	129	119	125	130	81
1960	99	74	66	64	51	37	19	41	129	119	125	130	80
1961	24	51	26	5	0	6	12	41	129	15	0	40	29
1962	58	67	32	20	8	64	19	41	129	119	125	130	68
1963	99	75	68	62	56	57	19	41	129	119	125	130	82
1964	99	75	73	57	48	51	19	41	129	119	125	130	81
1965	99	75	73	49	34	39	19	41	129	119	125	130	78
1966	99	75	73	75	73	64	19	41	129	119	125	130	85
1967	99	75	73	53	51	35	19	41	129	119	125	130	79
1968	99	75	73	55	35	49	19	41	129	119	125	130	79
1969	99	75	73	44	46	64	19	41	129	119	125	130	81
1970	99	75	66	45	37	40	19	41	129	119	125	130	77
1971	99	75	73	40	36	35	19	41	129	119	125	130	77
1972	99	75	73	40	33	64	19	41	129	119	125	130	79
1973	99	75	73	44	49	37	19	41	129	119	125	130	79
1974	99	75	67	66	63	48	19	41	129	119	125	130	82
1975	99	75	66	68	59	60	19	41	129	119	125	130	83
1976	99	75	61	56	38	31	19	41	129	119	125	130	77
1977	99	75	61	57	54	29	19	41	129	119	125	130	78
1978	59	24	16	0	0	6	19	41	129	119	125	130	56
1979	99	69	55	68	42	29	19	41	129	119	125	130	77
1980	99	72	59	53	37	47	19	41	129	119	125	130	78
1981	99	75	67	53	51	43	19	41	129	119	125	130	79
1982	99	75	67	50	40	32	19	41	129	119	125	130	77
1983	99	75	62	56	73	64	19	41	129	119	125	130	83
1984	99	71	57	75	68	64	19	41	129	119	125	130	83
1985	99	71	51	57	75	64	19	41	129	119	125	130	82
1986	99	75	62	58	73	64	19	41	129	119	125	130	83
1987	99	75	64	62	73	64	19	41	129	119	125	130	83
1988	99	72	67	63	57	51	19	41	129	119	125	130	81
1989	99	75	67	68	69	63	19	41	129	119	125	130	84
1990	99	71	19	3	0	0	19	41	129	119	125	1	53
1991	7	37	29	35	37	15	1	41	129	119	125	130	59
1992	1	57	18	2	2	25	0	41	129	4	2	8	24
1993	6	43	33	30	23	57	0	41	129	119	125	130	62
1994	99	73	62	62	54	54	19	41	129	119	125	130	81
1995	33	64	55	24	0	31	8	41	129	119	125	130	63
1996	99	75	70	75	37	64	19	41	129	119	125	130	82
1997	99	75	62	63	57	64	19	41	129	119	125	130	82
1998	99	75	57	50	54	25	19	41	129	119	125	130	77
1999	99	75	57	49	73	64	19	41	129	119	125	130	82
Average	87	70	59	50	45	46	18	41	129	114	120	123	75
Maximum	99	75	73	75	75	64	19	41	129	119	125	130	85
Minimum	1	24	16	0	0	0	0	41	129	4	0	1	24

P-6a
Bonneville Unit Operations (acre-feet)
Provo River from North Fork to Olmsted
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	9,626	7,723	9,731	6,963	6,251	7,149	19,628	64,517	75,148	42,538	30,484	24,081	303,838
1951	13,752	7,150	7,819	7,635	6,783	7,342	18,911	78,082	78,411	43,677	31,659	29,519	330,739
1952	9,412	8,069	8,279	7,434	6,513	21,072	46,936	101,449	89,790	40,426	29,243	26,384	395,006
1953	11,076	6,538	7,558	7,415	6,374	9,221	15,551	47,242	80,818	36,514	33,998	26,288	288,592
1954	14,310	7,394	6,934	6,723	6,045	6,553	21,469	42,356	28,545	40,227	37,041	29,825	247,419
1955	15,998	6,753	6,578	6,481	5,947	6,418	12,423	39,222	42,965	42,487	36,601	29,790	251,660
1956	12,015	6,666	7,018	6,589	6,062	6,458	17,856	39,287	43,933	38,941	33,968	29,483	248,274
1957	12,011	7,275	6,756	6,648	5,973	6,494	10,170	29,543	55,149	41,064	34,117	28,530	243,730
1958	13,213	7,422	6,736	6,576	5,964	6,508	10,300	49,571	50,189	38,473	34,332	27,376	256,659
1959	12,807	6,862	6,755	6,550	5,902	6,485	18,618	39,259	43,598	37,337	34,373	28,408	246,952
1960	13,451	6,391	6,582	6,596	6,102	6,490	16,448	38,587	41,965	48,729	37,812	32,202	261,355
1961	11,808	6,603	6,524	6,576	5,860	7,870	17,662	32,612	20,167	23,684	23,907	17,435	180,708
1962	12,762	7,128	6,900	6,719	5,935	6,588	8,517	37,518	40,166	37,674	33,678	28,728	232,313
1963	13,632	7,911	6,780	6,726	6,074	6,526	14,767	39,200	42,356	40,223	33,631	27,985	245,810
1964	17,980	10,307	6,655	6,540	6,192	6,460	12,585	26,018	37,809	39,859	35,292	30,820	236,516
1965	14,759	8,449	8,118	6,722	5,966	6,610	9,802	35,872	74,617	39,558	28,906	23,927	263,305
1966	10,548	7,268	12,732	11,400	9,759	16,689	19,414	59,502	36,926	36,359	32,590	27,228	280,415
1967	13,359	7,494	7,492	6,562	5,916	6,711	15,613	37,254	56,130	38,555	34,388	28,686	258,159
1968	13,354	7,591	7,545	6,692	6,273	6,675	8,982	39,056	81,785	38,753	32,688	27,598	276,991
1969	11,333	8,150	7,786	6,997	6,117	7,773	25,771	91,645	79,019	42,922	32,739	26,864	347,117
1970	9,246	7,845	6,647	6,579	5,918	6,539	14,009	58,119	53,676	41,832	34,791	26,902	272,102
1971	10,011	7,592	6,650	6,590	6,036	6,462	15,376	57,560	89,428	36,403	31,765	25,923	299,796
1972	9,628	7,183	7,158	6,458	6,044	13,012	14,583	69,364	53,850	42,869	30,771	25,118	286,038
1973	9,887	7,187	6,895	6,561	5,966	6,556	20,640	62,965	82,027	46,664	34,945	30,022	320,316
1974	9,446	7,377	6,678	6,551	5,831	6,598	14,084	74,289	86,519	48,262	38,485	29,904	334,021
1975	11,583	7,427	6,857	6,708	6,023	6,595	9,565	36,008	105,297	57,019	44,823	33,702	331,605
1976	10,838	7,915	7,258	6,931	6,368	6,612	13,327	51,143	45,759	36,397	34,937	30,716	258,200
1977	9,176	6,712	6,792	6,616	5,892	6,455	12,399	25,314	25,149	34,306	36,167	29,273	204,250
1978	10,670	6,445	6,713	6,507	5,907	7,682	10,837	38,966	37,994	45,149	38,879	32,004	247,753
1979	9,018	6,250	6,428	6,553	5,903	6,645	16,908	38,076	43,108	39,611	38,741	29,417	246,657
1980	10,562	6,969	6,630	6,826	6,326	7,351	10,946	54,131	59,283	42,537	39,217	32,172	282,947
1981	8,667	7,177	7,061	6,663	6,027	6,473	13,479	34,015	42,337	35,154	34,129	28,244	229,426
1982	7,917	6,628	6,546	6,525	5,954	7,196	12,521	76,021	74,203	58,587	40,541	27,957	330,595
1983	9,344	6,737	7,694	7,111	18,331	86,319	24,381	63,801	112,966	61,243	39,452	33,225	470,603
1984	9,414	7,524	7,214	12,351	18,167	34,188	60,872	93,129	87,339	60,407	40,171	33,990	464,765
1985	8,955	7,367	7,053	7,290	9,963	17,867	53,403	85,055	50,023	44,796	38,868	29,552	360,193
1986	9,460	7,336	7,580	7,862	13,629	96,419	50,961	89,319	111,862	65,260	37,926	30,214	527,827
1987	9,903	7,546	6,969	7,144	18,261	15,465	30,905	59,942	32,790	38,402	43,963	33,640	304,930
1988	8,902	6,769	6,527	6,566	6,087	6,507	20,158	36,525	29,947	38,980	40,320	24,922	232,209
1989	19,397	6,386	6,687	6,628	5,913	6,529	20,321	41,829	43,086	40,028	40,375	26,048	263,224
1990	11,728	6,502	7,018	6,898	6,050	6,726	6,781	41,243	39,612	40,195	30,354	27,005	230,112
1991	7,926	6,468	6,468	6,266	5,714	6,402	8,986	24,909	40,026	41,736	33,520	21,820	210,238
1992	8,122	6,929	6,840	6,830	6,815	6,930	16,374	36,294	27,223	26,416	26,964	13,502	189,239
1993	8,234	6,951	6,823	6,948	6,157	7,425	9,414	33,818	34,058	36,299	33,074	30,983	220,181
1994	8,516	6,612	6,924	6,860	6,230	6,890	15,948	35,594	34,884	36,568	35,310	20,933	221,268
1995	8,369	6,835	6,839	6,907	6,237	6,276	7,707	32,652	32,108	44,579	30,733	23,947	213,189
1996	8,110	7,280	7,233	12,394	6,574	8,822	21,937	62,067	83,408	48,305	33,929	27,638	327,697
1997	9,093	6,472	7,472	6,818	6,015	15,148	57,014	91,693	84,033	51,834	39,382	30,063	405,035
1998	9,248	6,582	6,699	6,554	5,773	6,914	13,469	83,534	81,205	51,142	33,655	27,335	332,111
1999	8,506	6,788	6,604	6,610	9,762	15,711	32,708	75,874	68,791	53,194	32,676	28,443	345,666
Average	10,942	7,179	7,164	7,093	7,197	12,136	19,429	52,621	57,830	42,644	35,006	27,915	287,155
Maximum	19,397	10,307	12,732	12,394	18,331	96,419	60,872	101,449	112,966	65,260	44,823	33,990	527,827
Minimum	7,917	6,250	6,428	6,266	5,714	6,276	6,781	24,909	20,167	23,684	23,907	13,502	180,708

P-6a
Bonneville Unit Operations (cfs)
Provo River from North Fork to Olmsted
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	157	130	158	113	113	116	330	1,049	1,263	692	496	405	420
1951	224	120	127	124	122	119	318	1,270	1,318	710	515	496	457
1952	153	136	135	121	113	343	789	1,650	1,509	657	476	443	544
1953	180	110	123	121	115	150	261	768	1,358	594	553	442	399
1954	233	124	113	109	109	107	361	689	480	654	602	501	342
1955	260	113	107	105	107	104	209	638	722	691	595	501	348
1956	195	112	114	107	105	105	300	639	738	633	552	495	342
1957	195	122	110	108	108	106	171	480	927	668	555	479	337
1958	215	125	110	107	107	106	173	806	843	626	558	460	355
1959	208	115	110	107	106	105	313	639	733	607	559	477	341
1960	219	107	107	107	106	106	276	628	705	793	615	541	360
1961	192	111	106	107	106	128	297	530	339	385	389	293	250
1962	208	120	112	109	107	107	143	610	675	613	548	483	321
1963	222	133	110	109	109	106	248	638	712	654	547	470	340
1964	292	173	108	106	108	105	212	423	635	648	574	518	326
1965	240	142	132	109	107	107	165	583	1,254	643	470	402	364
1966	172	122	207	185	176	271	326	968	621	591	530	458	387
1967	217	126	122	107	107	109	262	606	943	627	559	482	357
1968	217	128	123	109	109	109	151	635	1,374	630	532	464	382
1969	184	137	127	114	110	126	433	1,491	1,328	698	532	451	479
1970	150	132	108	107	107	106	235	945	902	680	566	452	376
1971	163	128	108	107	109	105	258	936	1,503	592	517	436	414
1972	157	121	116	105	105	212	245	1,128	905	697	500	422	394
1973	161	121	112	107	107	107	347	1,024	1,379	759	568	505	442
1974	154	124	109	107	105	107	237	1,208	1,454	785	626	503	461
1975	188	125	112	109	108	107	161	586	1,770	927	729	566	458
1976	176	133	118	113	111	108	224	832	769	592	568	516	356
1977	149	113	110	108	106	105	208	412	423	558	588	492	282
1978	174	108	109	106	106	125	182	634	639	734	632	538	342
1979	147	105	105	107	106	108	284	619	724	644	630	494	341
1980	172	117	108	111	110	120	184	880	996	692	638	541	390
1981	141	121	115	108	109	105	227	553	712	572	555	475	317
1982	129	111	106	106	107	117	210	1,236	1,247	953	659	470	457
1983	152	113	125	116	330	1,404	410	1,038	1,899	996	642	558	650
1984	153	126	117	201	316	556	1,023	1,515	1,468	982	653	571	640
1985	146	124	115	119	179	291	898	1,383	841	729	632	497	498
1986	154	123	123	128	245	1,568	856	1,453	1,880	1,061	617	508	729
1987	161	127	113	116	329	252	519	975	551	625	715	565	421
1988	145	114	106	107	106	106	339	594	503	634	656	419	320
1989	315	107	109	108	106	106	342	680	724	651	657	438	364
1990	191	109	114	112	109	109	114	671	666	654	494	454	318
1991	129	109	105	102	103	104	151	405	673	679	545	367	290
1992	132	116	111	111	118	113	275	590	458	430	439	227	261
1993	134	117	111	113	111	121	158	550	572	590	538	521	304
1994	139	111	113	112	112	112	268	579	586	595	574	352	306
1995	136	115	111	112	112	102	130	531	540	725	500	402	294
1996	132	122	118	202	114	143	369	1,009	1,402	786	552	464	451
1997	148	109	122	111	108	246	958	1,491	1,412	843	641	505	559
1998	150	111	109	107	104	112	226	1,359	1,365	832	547	459	459
1999	138	114	107	107	176	256	550	1,234	1,156	865	531	478	477
Average	178	121	117	115	129	197	327	856	972	694	569	469	396
Maximum	315	173	207	202	330	1,568	1,023	1,650	1,899	1,061	729	571	729
Minimum	129	105	105	102	103	102	114	405	339	385	389	227	250

P-6b
Bonneville Unit Operations (acre-feet)
Provo River from North Fork to Olmsted
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	4,613	3,522	4,936	4,024	3,132	4,000	9,023	4,278	6,413	11,569	13,259	9,359	78,127
1951	6,348	2,805	2,685	4,458	3,730	2,855	2,810	3,644	7,664	16,034	12,259	9,559	74,850
1952	5,687	3,305	3,185	3,213	1,235	2,047	686	3,577	6,164	13,574	11,559	8,959	63,190
1953	5,765	3,305	5,424	4,196	3,952	6,318	8,360	11,084	6,569	12,870	13,260	10,060	91,163
1954	6,542	5,326	4,644	4,684	3,967	3,114	7,675	11,052	14,243	19,438	17,338	12,938	110,960
1955	8,526	5,345	5,059	5,596	4,934	5,891	8,412	10,693	11,368	17,863	16,163	14,763	114,613
1956	7,507	3,905	5,443	4,430	4,695	4,088	7,475	7,901	10,381	16,576	15,076	14,676	102,155
1957	6,479	4,205	5,353	5,084	4,467	5,277	6,066	8,235	7,259	11,959	12,959	9,559	86,903
1958	6,748	5,325	4,051	5,207	3,372	4,017	4,766	4,479	11,840	14,459	14,159	9,959	88,382
1959	8,081	5,400	4,957	5,376	4,642	5,679	9,075	12,537	12,626	19,025	17,125	12,225	116,748
1960	7,781	3,805	5,626	5,399	4,737	4,419	5,275	9,450	12,226	19,325	23,925	19,625	121,594
1961	6,181	5,979	5,290	6,153	5,255	7,424	12,375	13,825	9,726	19,725	18,725	9,925	120,583
1962	10,018	6,409	6,451	6,229	4,800	6,081	4,436	8,066	9,252	11,747	13,747	13,047	100,281
1963	6,211	4,105	5,649	5,284	4,467	5,602	10,275	8,515	11,415	15,710	16,010	11,510	104,755
1964	7,026	3,805	5,845	4,994	4,623	5,336	9,224	6,290	9,180	11,976	13,976	13,876	96,151
1965	6,848	3,954	4,222	3,189	2,324	3,284	5,692	8,069	9,159	10,659	10,659	7,959	76,019
1966	4,572	4,795	2,485	2,847	4,493	3,744	4,975	8,502	11,935	18,231	16,031	11,131	93,741
1967	6,848	4,308	5,122	4,684	4,267	4,371	8,975	9,778	8,059	11,659	12,759	9,059	89,889
1968	6,248	5,020	3,711	4,393	3,901	2,447	5,664	11,055	6,264	12,359	11,659	8,759	81,480
1969	6,048	4,247	4,134	4,272	2,889	3,429	529	3,365	7,764	14,734	12,459	8,759	72,628
1970	5,327	4,884	4,443	3,240	3,174	3,310	9,319	6,675	7,032	16,204	13,351	8,251	85,211
1971	5,648	2,025	1,747	1,047	578	659	4,219	4,565	10,717	11,959	12,359	8,259	63,782
1972	5,448	2,545	1,847	1,147	564	0	0	3,127	7,264	16,834	12,859	9,059	60,694
1973	5,348	2,705	2,547	2,547	2,578	1,547	3,350	4,465	7,664	15,434	12,859	8,559	69,603
1974	5,837	5,261	3,978	3,978	3,564	5,001	12,365	5,939	11,856	16,379	16,837	11,831	102,826
1975	5,774	6,341	4,900	4,044	3,292	4,241	6,294	16,330	3,911	9,163	18,282	9,817	92,389
1976	6,797	5,738	3,357	3,259	4,018	4,110	9,200	7,079	11,500	15,914	15,535	14,233	100,739
1977	5,933	5,845	5,383	4,992	4,334	3,979	6,381	8,953	13,141	19,937	18,675	14,822	112,373
1978	6,654	5,265	5,346	5,624	5,089	6,692	7,287	12,762	9,607	17,484	17,105	12,172	111,087
1979	3,709	4,611	3,785	4,655	3,656	3,105	14,931	7,576	10,393	16,895	17,693	11,976	102,984
1980	5,507	5,657	5,272	4,828	3,971	4,144	6,427	5,959	5,975	12,758	14,841	9,712	85,049
1981	4,739	5,764	5,756	4,698	4,131	4,796	9,509	10,725	9,017	11,987	13,178	9,521	93,822
1982	4,509	3,593	5,651	4,505	3,602	4,183	9,879	6,296	8,201	14,426	15,042	9,913	89,799
1983	4,661	5,913	5,323	4,956	2,900	2,278	2,936	4,354	8,499	17,045	16,615	11,387	86,868
1984	5,442	5,567	2,082	2,572	915	1,885	2,028	7,748	8,102	15,473	16,516	13,448	81,778
1985	5,563	5,566	4,743	4,980	5,289	2,082	2,257	9,291	12,830	18,645	17,383	11,666	100,296
1986	5,073	3,138	5,471	5,088	6,058	3,161	3,657	9,344	9,417	19,694	15,829	10,307	96,238
1987	4,694	6,132	5,587	5,336	5,015	2,376	5,155	7,325	12,215	14,344	20,733	16,388	105,300
1988	4,093	5,587	5,711	5,377	3,845	3,822	8,875	12,910	6,677	18,963	18,290	8,843	102,994
1989	3,758	5,588	5,747	5,702	5,175	5,311	8,973	10,445	13,629	16,795	16,711	10,797	108,631
1990	5,778	5,394	5,271	5,969	3,080	5,089	1,486	11,132	9,025	13,559	16,124	13,056	94,961
1991	5,514	5,585	5,645	5,953	5,105	4,416	5,955	6,339	8,820	14,735	14,945	9,816	92,830
1992	5,978	5,168	4,718	6,052	6,071	6,020	12,377	13,238	8,944	19,422	18,979	9,636	116,600
1993	7,046	6,099	5,783	5,385	4,387	5,809	3,870	10,348	8,820	12,282	14,748	13,054	97,631
1994	4,473	5,725	5,352	5,189	3,850	3,848	10,641	8,638	10,601	15,823	16,621	11,199	101,959
1995	4,659	5,239	5,036	3,721	2,333	1,690	2,805	10,422	8,526	11,006	11,510	7,853	74,799
1996	4,232	6,019	5,974	5,015	3,877	2,376	4,200	5,591	5,682	15,549	12,491	8,638	79,642
1997	3,970	4,022	5,441	3,652	4,387	7,623	7,631	7,665	11,275	19,509	17,432	12,010	104,615
1998	5,603	5,788	5,159	4,306	4,252	3,790	4,501	7,184	8,879	14,749	11,950	10,164	86,327
1999	4,625	5,801	5,172	4,306	3,778	4,141	4,109	7,174	8,857	16,080	11,928	10,142	86,114
Average	5,809	4,829	4,730	4,517	3,855	4,018	6,448	8,280	9,332	15,371	15,210	11,045	93,443
Maximum	10,018	6,409	6,451	6,229	6,071	7,623	14,931	16,330	14,243	19,937	23,925	19,625	121,594
Minimum	3,709	2,025	1,747	1,047	564	0	0	3,127	3,911	9,163	10,659	7,853	60,694

P-6b
Bonneville Unit Operations (cfs)
Provo River from North Fork to Olmsted
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	75	59	80	65	56	65	152	70	108	188	216	157	108
1951	103	47	44	72	67	46	47	59	129	261	199	161	103
1952	92	56	52	52	21	33	12	58	104	221	188	151	87
1953	94	56	88	68	71	103	141	180	110	209	216	169	126
1954	106	90	76	76	71	51	129	180	239	316	282	217	153
1955	139	90	82	91	89	96	141	174	191	291	263	248	158
1956	122	66	89	72	82	66	126	128	174	270	245	247	141
1957	105	71	87	83	80	86	102	134	122	194	211	161	120
1958	110	89	66	85	61	65	80	73	199	235	230	167	122
1959	131	91	81	87	84	92	153	204	212	309	279	205	161
1960	127	64	92	88	82	72	89	154	205	314	389	330	168
1961	101	100	86	100	95	121	208	225	163	321	305	167	167
1962	163	108	105	101	86	99	75	131	155	191	224	219	139
1963	101	69	92	86	80	91	173	138	192	256	260	193	145
1964	114	64	95	81	80	87	155	102	154	195	227	233	132
1965	111	66	69	52	42	53	96	131	154	173	173	134	105
1966	74	81	40	46	81	61	84	138	201	297	261	187	129
1967	111	72	83	76	77	71	151	159	135	190	208	152	124
1968	102	84	60	71	68	40	95	180	105	201	190	147	112
1969	98	71	67	69	52	56	9	55	130	240	203	147	100
1970	87	82	72	53	57	54	157	109	118	264	217	139	118
1971	92	34	28	17	10	11	71	74	180	194	201	139	88
1972	89	43	30	19	10	0	0	51	122	274	209	152	84
1973	87	45	41	41	46	25	56	73	129	251	209	144	96
1974	95	88	65	65	64	81	208	97	199	266	274	199	142
1975	94	107	80	66	59	69	106	266	66	149	297	165	128
1976	111	96	55	53	70	67	155	115	193	259	253	239	139
1977	96	98	88	81	78	65	107	146	221	324	304	249	155
1978	108	88	87	91	92	109	122	208	161	284	278	205	153
1979	60	77	62	76	66	50	251	123	175	275	288	201	142
1980	90	95	86	79	69	67	108	97	100	207	241	163	117
1981	77	97	94	76	74	78	160	174	152	195	214	160	130
1982	73	60	92	73	65	68	166	102	138	235	245	167	124
1983	76	99	87	81	52	37	49	71	143	277	270	191	120
1984	89	94	34	42	16	31	34	126	136	252	269	226	113
1985	90	94	77	81	95	34	38	151	216	303	283	196	139
1986	83	53	89	83	109	51	61	152	158	320	257	173	133
1987	76	103	91	87	90	39	87	119	205	233	337	275	145
1988	67	94	93	87	67	62	149	210	112	308	297	149	142
1989	61	94	93	93	93	86	151	170	229	273	272	181	150
1990	94	91	86	97	55	83	25	181	152	221	262	219	131
1991	90	94	92	97	92	72	100	103	148	240	243	165	128
1992	97	87	77	98	106	98	208	215	150	316	309	162	161
1993	115	103	94	88	79	94	65	168	148	200	240	219	135
1994	73	96	87	84	69	63	179	140	178	257	270	188	141
1995	76	88	82	61	42	27	47	170	143	179	187	132	103
1996	69	101	97	82	67	39	71	91	95	253	203	145	110
1997	65	68	88	59	79	124	128	125	189	317	284	202	145
1998	91	97	84	70	77	62	76	117	149	240	194	171	119
1999	75	97	84	70	68	67	69	117	149	262	194	170	119
Average	94	81	77	73	69	65	108	135	157	250	247	186	129
Maximum	163	108	105	101	109	124	251	266	239	324	389	330	168
Minimum	60	34	28	17	10	0	0	51	66	149	173	132	84

P-6c
Bonneville Unit Operations (acre-feet)
Provo River from North Fork to Olmsted
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	2,590	5	5	1,746	1,890	1,740	872	38,481	5,841	12,358	5,629	3,607	74,766
1951	2,235	48	125	1,691	1,729	213	872	21,161	6,208	10,440	6,642	4,334	55,698
1952	2,235	48	147	838	1,598	6	6,038	8,537	10,132	9,003	5,139	3,256	46,977
1953	2,235	48	724	1,953	1,602	5	872	13,965	29,259	7,314	7,557	4,990	70,525
1954	2,235	48	1,035	1,342	1,466	1,446	2,797	4,638	4,232	7,439	7,688	5,084	39,449
1955	2,235	195	644	511	575	206	2,796	4,637	4,055	7,845	8,112	3,624	35,436
1956	0	202	705	1,606	1,012	1,989	2,796	4,636	4,223	6,950	7,165	4,709	35,993
1957	2,235	48	286	1,011	1,021	795	2,797	4,659	18,904	7,627	7,883	5,225	52,491
1958	2,235	48	181	848	1,335	2,005	2,797	28,411	9,726	7,502	7,753	5,131	67,972
1959	2,235	101	805	708	868	372	2,796	4,729	4,141	7,752	8,014	5,318	37,839
1960	2,235	203	451	671	972	1,619	2,796	4,648	4,100	8,126	8,406	5,600	39,829
1961	0	45	814	5	266	5	2,025	4,652	4,138	0	0	0	11,951
1962	0	107	6	6	642	6	872	6,537	4,161	8,001	8,275	5,506	34,120
1963	2,235	48	424	787	949	442	2,796	4,689	4,058	7,658	7,916	5,248	37,251
1964	2,235	99	6	1,118	1,119	786	2,796	4,613	4,170	7,783	8,047	5,342	38,115
1965	2,235	48	25	1,650	2,301	1,488	2,796	4,657	39,301	8,202	5,238	3,326	71,267
1966	2,235	94	0	65	126	6	2,796	17,051	4,054	6,909	7,132	4,686	45,155
1967	2,235	154	6	1,338	1,201	1,778	2,796	4,648	23,280	7,159	7,393	4,873	56,861
1968	2,235	48	162	1,233	1,851	918	872	6,552	17,513	6,658	6,871	4,498	49,412
1969	2,235	48	0	1,876	1,713	66	851	8,573	6,407	10,596	6,806	4,451	43,621
1970	2,235	161	557	1,861	2,006	1,477	2,796	33,016	10,610	7,470	7,720	5,108	75,017
1971	2,235	48	99	2,175	2,020	1,780	2,796	10,613	4,852	5,101	5,205	3,303	40,227
1972	2,235	48	90	2,227	2,008	5	7,961	5,152	5,481	9,160	5,303	3,373	43,042
1973	2,235	48	162	1,882	1,434	1,651	872	8,547	8,080	10,533	6,740	4,404	46,588
1974	2,235	48	555	577	559	984	965	8,722	20,951	12,986	9,304	6,244	64,130
1975	2,488	48	531	453	776	223	965	6,801	14,767	13,108	9,304	6,244	55,708
1976	2,488	119	717	1,160	1,734	2,038	965	16,225	4,521	8,986	9,304	6,244	54,501
1977	2,488	183	766	1,090	1,190	2,130	2,868	4,763	4,647	8,986	9,304	6,244	44,659
1978	0	642	802	443	395	0	944	6,828	4,425	8,986	9,304	6,244	39,014
1979	2,488	547	1,142	450	1,682	2,136	965	6,785	4,423	8,986	9,304	6,244	45,153
1980	2,488	293	877	1,321	1,781	1,011	965	6,716	10,649	8,986	9,304	6,244	50,636
1981	2,488	186	392	1,376	1,353	1,260	2,889	4,896	4,787	8,986	9,304	6,244	44,162
1982	2,488	193	392	1,519	1,824	1,965	971	8,768	10,539	20,634	9,304	6,244	64,842
1983	2,489	125	826	1,193	3,514	4,454	6,208	8,687	10,419	16,290	9,304	6,244	69,753
1984	2,488	383	1,004	5,134	4,378	4,810	11,120	8,809	10,424	24,706	9,304	6,244	88,805
1985	2,488	384	1,406	1,168	5	3,821	6,970	8,714	9,503	8,986	9,304	6,244	58,995
1986	2,488	297	678	1,061	0	10,656	6,944	8,690	10,421	24,354	9,304	6,244	81,137
1987	2,488	136	561	813	3,254	3,936	11,763	20,296	6,114	11,413	9,304	6,244	76,322
1988	2,488	363	392	753	629	755	2,889	4,864	4,426	8,986	9,304	6,244	42,095
1989	2,488	154	392	436	369	43	2,889	4,883	4,424	8,986	9,304	6,244	40,612
1990	2,488	558	877	128	2,455	946	965	6,700	4,425	8,986	963	0	29,491
1991	0	369	392	146	313	1,658	2,026	4,787	4,423	8,986	9,304	693	33,097
1992	0	784	1,172	5	0	11	2,025	4,858	3,118	0	0	0	11,973
1993	0	8	365	597	1,049	340	2,094	6,687	4,419	8,986	9,304	6,244	40,093
1994	2,488	226	796	801	1,043	570	2,889	4,861	4,423	8,986	9,304	2,334	38,722
1995	0	202	392	1,942	2,413	2,038	1,601	6,687	4,419	9,946	9,304	6,244	45,187
1996	2,488	0	175	0	1,875	0	944	8,794	5,847	15,408	9,304	6,282	51,117
1997	2,494	248	708	747	884	0	11,564	8,687	10,419	14,054	9,304	6,244	65,354
1998	2,588	194	989	1,557	1,048	2,358	6,705	8,687	10,419	16,267	9,304	6,244	66,360
1999	2,488	206	977	1,564	5	4,944	9,113	8,687	10,419	19,495	9,304	6,244	73,447
Average	1,988	178	515	1,112	1,325	1,478	3,249	9,254	8,694	10,061	7,738	4,909	50,499
Maximum	2,590	784	1,406	5,134	4,378	10,656	11,763	38,481	39,301	24,706	9,304	6,282	88,805
Minimum	0	0	0	0	0	0	851	4,613	3,118	0	0	0	11,951

P-6c
Bonneville Unit Operations (cfs)
Provo River from North Fork to Olmsted
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	42	0	0	28	34	28	15	626	98	201	92	61	103
1951	36	1	2	28	31	3	15	344	104	170	108	73	77
1952	36	1	2	14	28	0	101	139	170	146	84	55	65
1953	36	1	12	32	29	0	15	227	492	119	123	84	97
1954	36	1	17	22	26	24	47	75	71	121	125	85	54
1955	36	3	10	8	10	3	47	75	68	128	132	61	49
1956	0	3	11	26	18	32	47	75	71	113	117	79	50
1957	36	1	5	16	18	13	47	76	318	124	128	88	73
1958	36	1	3	14	24	33	47	462	163	122	126	86	94
1959	36	2	13	12	16	6	47	77	70	126	130	89	52
1960	36	3	7	11	17	26	47	76	69	132	137	94	55
1961	0	1	13	0	5	0	34	76	70	0	0	0	17
1962	0	2	0	0	12	0	15	106	70	130	135	93	47
1963	36	1	7	13	17	7	47	76	68	125	129	88	51
1964	36	2	0	18	19	13	47	75	70	127	131	90	53
1965	36	1	0	27	41	24	47	76	660	133	85	56	98
1966	36	2	0	1	2	0	47	277	68	112	116	79	62
1967	36	3	0	22	22	29	47	76	391	116	120	82	79
1968	36	1	3	20	32	15	15	107	294	108	112	76	68
1969	36	1	0	31	31	1	14	139	108	172	111	75	60
1970	36	3	9	30	36	24	47	537	178	122	126	86	104
1971	36	1	2	35	36	29	47	173	82	83	85	56	56
1972	36	1	1	36	35	0	134	84	92	149	86	57	59
1973	36	1	3	31	26	27	15	139	136	171	110	74	64
1974	36	1	9	9	10	16	16	142	352	211	151	105	89
1975	40	1	9	7	14	4	16	111	248	213	151	105	77
1976	40	2	12	19	30	33	16	264	76	146	151	105	75
1977	40	3	12	18	21	35	48	77	78	146	151	105	62
1978	0	11	13	7	7	0	16	111	74	146	151	105	54
1979	40	9	19	7	30	35	16	110	74	146	151	105	62
1980	40	5	14	21	31	16	16	109	179	146	151	105	70
1981	40	3	6	22	24	20	49	80	80	146	151	105	61
1982	40	3	6	25	33	32	16	143	177	336	151	105	90
1983	40	2	13	19	63	72	104	141	175	265	151	105	96
1984	40	6	16	83	76	78	187	143	175	402	151	105	122
1985	40	6	23	19	0	62	117	142	160	146	151	105	81
1986	40	5	11	17	0	173	117	141	175	396	151	105	112
1987	40	2	9	13	59	64	198	330	103	186	151	105	105
1988	40	6	6	12	11	12	49	79	74	146	151	105	58
1989	40	3	6	7	7	1	49	79	74	146	151	105	56
1990	40	9	14	2	44	15	16	109	74	146	16	0	41
1991	0	6	6	2	6	27	34	78	74	146	151	12	46
1992	0	13	19	0	0	0	34	79	52	0	0	0	16
1993	0	0	6	10	19	6	35	109	74	146	151	105	55
1994	40	4	13	13	19	9	49	79	74	146	151	39	53
1995	0	3	6	32	43	33	27	109	74	162	151	105	62
1996	40	0	3	0	33	0	16	143	98	251	151	106	70
1997	41	4	12	12	16	0	194	141	175	229	151	105	90
1998	42	3	16	25	19	38	113	141	175	265	151	105	92
1999	40	3	16	25	0	80	153	141	175	317	151	105	101
Average	32	3	8	18	24	24	55	151	146	164	126	82	70
Maximum	42	13	23	83	76	173	198	626	660	402	151	106	122
Minimum	0	0	0	0	0	0	14	75	52	0	0	0	16

P-6d
Bonneville Unit Operations (acre-feet)
Provo River from North Fork to Olmsted
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	2,423	4,195	4,790	1,192	1,229	1,409	9,733	21,758	62,894	18,612	11,596	11,115	150,944
1951	5,169	4,298	5,009	1,486	1,324	4,274	15,229	53,277	64,539	17,204	12,758	15,626	200,191
1952	1,490	4,717	4,947	3,383	3,680	19,019	40,213	89,335	73,495	17,849	12,545	14,169	284,840
1953	3,077	3,186	1,409	1,266	820	2,898	6,318	22,193	44,990	16,329	13,181	11,237	126,904
1954	5,533	2,021	1,255	696	612	1,992	10,997	26,665	10,071	13,350	12,016	11,802	97,010
1955	5,237	1,213	874	373	438	320	1,214	23,891	27,542	16,779	12,326	11,403	101,611
1956	4,508	2,560	870	552	354	380	7,585	26,750	29,329	15,414	11,727	10,097	110,125
1957	3,297	3,023	1,116	552	485	421	1,307	16,649	28,986	21,479	13,275	13,747	104,336
1958	4,229	2,050	2,503	520	1,257	485	2,737	16,680	28,624	16,512	12,420	12,287	100,305
1959	2,491	1,361	993	465	392	433	6,746	21,994	26,832	10,560	9,234	10,865	92,365
1960	3,435	2,383	504	525	392	451	8,377	24,489	25,640	21,278	5,481	6,977	99,932
1961	5,627	579	419	418	339	440	3,262	14,135	6,303	3,959	5,182	7,510	48,174
1962	2,744	612	443	485	493	501	3,209	22,915	26,753	17,926	11,656	10,175	97,912
1963	5,186	3,759	706	654	658	481	1,696	25,996	26,884	16,854	9,705	11,226	103,804
1964	8,720	6,403	804	427	449	337	564	15,114	24,460	20,100	13,270	11,602	102,249
1965	5,676	4,447	3,871	1,882	1,340	1,837	1,313	23,146	26,157	20,697	13,009	12,642	116,018
1966	3,741	2,379	10,247	8,488	5,140	12,938	11,642	33,949	20,938	11,219	9,427	11,411	141,520
1967	4,276	3,033	2,364	539	448	562	3,842	22,828	24,792	19,738	14,236	14,754	111,409
1968	4,871	2,523	3,672	1,065	521	3,309	2,446	21,449	58,008	19,736	14,158	14,340	146,099
1969	3,050	3,856	3,653	848	1,514	4,279	24,391	79,708	64,848	17,592	13,475	13,654	230,868
1970	1,683	2,800	1,647	1,477	737	1,751	1,894	18,428	36,034	18,158	13,721	13,544	111,874
1971	2,128	5,519	4,803	3,367	3,438	4,023	8,361	42,383	73,859	19,344	14,201	14,362	195,787
1972	1,945	4,590	5,221	3,083	3,472	13,006	6,621	61,086	41,106	16,876	12,610	12,686	182,301
1973	2,304	4,435	4,185	2,131	1,954	3,358	16,417	49,954	66,284	20,697	15,347	17,060	204,125
1974	1,374	2,069	2,144	1,995	1,708	612	754	59,627	53,711	18,898	12,344	11,829	167,065
1975	3,321	1,039	1,426	2,210	1,954	2,130	2,306	12,877	86,619	34,748	17,237	17,640	183,508
1976	1,553	2,058	3,185	2,511	616	463	3,163	27,839	29,738	11,497	10,098	10,239	102,960
1977	755	684	643	533	368	346	3,150	11,598	7,362	5,383	8,188	8,207	47,218
1978	4,016	538	564	440	423	990	2,606	19,376	23,962	18,679	12,470	13,588	97,652
1979	2,821	1,092	1,500	1,447	564	1,405	1,013	23,715	28,292	13,730	11,744	11,197	98,520
1980	2,567	1,019	481	677	574	2,196	3,554	41,456	42,659	20,793	15,072	16,216	147,263
1981	1,440	1,227	912	588	543	416	1,081	18,393	28,534	14,182	11,647	12,479	91,442
1982	919	2,843	502	500	528	1,047	1,671	60,957	55,463	23,528	16,195	11,800	175,953
1983	2,193	700	1,545	962	11,918	79,586	15,236	50,759	94,048	27,909	13,532	15,593	313,981
1984	1,483	1,574	4,127	4,645	12,875	27,493	47,724	76,572	68,813	20,228	14,351	14,298	294,182
1985	903	1,417	904	1,141	4,669	11,964	44,176	67,049	27,690	17,165	12,181	11,642	200,902
1986	1,899	3,902	1,431	1,713	7,570	82,602	40,360	71,284	92,024	21,212	12,792	13,663	350,452
1987	2,721	1,279	820	995	9,992	9,153	13,987	32,320	14,462	12,645	13,927	11,008	123,308
1988	2,321	819	423	435	1,613	1,929	8,394	18,751	18,844	11,032	12,725	9,835	87,120
1989	13,150	644	548	489	369	1,174	8,459	26,501	25,032	14,248	14,360	9,007	113,981
1990	3,462	550	869	801	516	691	4,331	23,412	26,163	17,651	13,267	13,949	105,661
1991	2,411	515	430	166	295	327	1,005	13,782	26,783	18,015	9,271	11,311	84,311
1992	2,144	977	950	773	744	900	1,971	18,199	15,162	6,994	7,985	3,866	60,666
1993	1,187	844	674	965	721	1,276	3,450	16,782	20,819	15,032	9,022	11,685	82,458
1994	1,555	662	775	869	1,337	2,471	2,418	22,095	19,860	11,760	9,385	7,401	80,587
1995	3,710	1,395	1,411	1,245	1,491	2,547	3,302	15,543	19,164	23,627	9,919	9,850	93,203
1996	1,389	1,262	1,085	7,379	822	6,446	16,794	47,682	71,879	17,348	12,134	12,718	196,938
1997	2,629	2,203	1,323	2,418	744	7,525	37,819	75,340	62,339	18,271	12,646	11,810	235,066
1998	1,057	601	551	690	473	766	2,263	67,662	61,908	20,125	12,401	10,927	179,424
1999	1,393	782	455	739	5,978	6,626	19,486	60,013	49,515	17,619	11,443	12,056	186,105
Average	3,144	2,173	1,920	1,464	2,018	6,640	9,732	35,087	39,804	17,212	12,058	11,962	143,212
Maximum	13,150	6,403	10,247	8,488	12,875	82,602	47,724	89,335	94,048	34,748	17,237	17,640	350,452
Minimum	755	515	419	166	295	320	564	11,598	6,303	3,959	5,182	3,866	47,218

P-6d
Bonneville Unit Operations (cfs)
Provo River from North Fork to Olmsted
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	39	71	78	19	22	23	164	354	1,057	303	189	187	209
1951	84	72	81	24	24	70	256	867	1,085	280	207	263	277
1952	39	71	78	19	21	23	164	354	1,057	303	189	187	392
1953	84	72	81	24	24	70	256	867	1,085	280	207	263	175
1954	24	79	80	55	66	309	676	1,453	1,235	290	204	238	134
1955	50	54	23	21	15	47	106	361	756	266	214	189	140
1956	90	34	20	11	11	32	185	434	169	217	195	198	152
1957	85	20	14	6	8	5	20	389	463	273	200	192	144
1958	73	43	14	9	6	6	127	435	493	251	191	170	139
1959	54	51	18	9	9	7	22	271	487	349	216	231	128
1960	69	34	41	8	22	8	46	271	481	269	202	206	138
1961	41	23	16	8	7	7	113	358	451	172	150	183	67
1962	56	40	8	9	7	7	141	398	431	346	89	117	135
1963	92	10	7	7	6	7	55	230	106	64	84	126	143
1964	45	10	7	8	9	8	54	373	450	292	190	171	141
1965	84	63	11	11	12	8	29	423	452	274	158	189	160
1966	142	108	13	7	8	5	9	246	411	327	216	195	195
1967	92	75	63	31	24	30	22	376	440	337	212	212	154
1968	61	40	167	138	89	210	196	552	352	182	153	192	201
1969	70	51	38	9	8	9	65	371	417	321	232	248	319
1970	79	42	60	17	9	54	41	349	975	321	230	241	155
1971	50	65	59	14	27	70	410	1,296	1,090	286	219	229	270
1972	27	47	27	24	13	28	32	300	606	295	223	228	251
1973	35	93	78	55	62	65	141	689	1,241	315	231	241	282
1974	32	77	85	50	63	212	111	993	691	274	205	213	231
1975	37	75	68	35	35	55	276	812	1,114	337	250	287	253
1976	22	35	35	32	30	10	13	970	903	307	201	199	142
1977	54	17	23	36	35	35	39	209	1,456	565	280	296	65
1978	25	35	52	41	11	8	53	453	500	187	164	172	135
1979	12	11	10	9	7	6	53	189	124	88	133	138	136
1980	65	9	9	7	7	16	44	315	403	304	203	228	203
1981	46	18	24	24	10	23	17	386	475	223	191	188	126
1982	42	17	8	11	10	36	60	674	717	338	245	273	243
1983	23	21	15	10	10	7	18	299	480	231	189	210	434
1984	15	48	8	8	9	17	28	991	932	383	263	198	405
1985	36	12	25	16	215	1,294	256	826	1,581	454	220	262	278
1986	24	26	67	76	232	447	802	1,245	1,156	329	233	240	484
1987	15	24	15	19	84	195	742	1,090	465	279	198	196	170
1988	31	66	23	28	132	1,343	678	1,159	1,547	345	208	230	120
1989	44	21	13	16	180	149	235	526	243	206	227	185	157
1990	38	14	7	7	29	31	141	305	317	179	207	165	146
1991	214	11	9	8	7	19	142	431	421	232	234	151	116
1992	56	9	14	13	9	11	73	381	440	287	216	234	84
1993	39	9	7	3	5	5	17	224	450	293	151	190	114
1994	35	16	15	13	13	15	33	296	255	114	130	65	111
1995	19	14	11	16	13	21	58	273	350	244	147	196	129
1996	25	11	13	14	23	40	41	359	334	191	153	124	271
1997	60	23	23	20	27	41	55	253	322	384	161	166	325
1998	23	21	18	120	15	105	282	775	1,208	282	197	214	248
1999	43	37	22	39	13	122	636	1,225	1,048	297	206	198	257
Average	53	39	34	24	35	107	165	554	674	279	196	202	198
Maximum	214	108	167	138	232	1,343	802	1,453	1,581	565	280	296	484
Minimum	12	9	7	3	5	5	9	189	106	64	84	65	65

P-7a
Bonneville Unit Operations (acre-feet)
Provo River from Olmsted to Murdock
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	4,728	4,180	5,930	3,021	2,650	3,296	20,003	61,424	68,051	30,791	16,747	15,469	236,290
1951	9,039	3,024	5,228	4,129	3,925	4,926	17,174	74,844	68,978	29,791	19,292	19,970	260,320
1952	5,709	2,970	4,315	4,004	2,618	17,406	48,597	101,922	85,205	31,483	19,202	19,527	342,958
1953	8,003	3,170	4,981	4,288	3,123	7,297	13,703	41,490	74,293	21,178	18,158	14,891	214,577
1954	8,795	3,917	3,018	2,479	2,456	1,996	18,005	34,809	14,333	19,150	17,852	16,106	142,917
1955	8,144	2,455	2,021	2,043	1,760	2,059	6,729	29,656	30,668	22,245	17,532	14,440	139,751
1956	5,457	3,082	4,167	1,966	1,866	2,078	14,171	32,393	31,928	20,194	16,635	13,626	147,565
1957	5,433	2,952	2,270	2,107	2,117	2,025	6,014	23,138	46,060	26,559	18,679	18,235	155,590
1958	7,521	4,174	2,288	1,980	1,958	2,053	7,580	44,867	39,910	21,964	18,340	17,217	169,852
1959	5,696	2,870	2,180	1,989	1,774	2,028	12,980	27,743	30,180	15,608	14,541	14,766	132,353
1960	6,449	2,486	1,664	1,965	1,837	2,042	14,731	29,892	28,487	26,275	12,403	10,785	139,015
1961	7,216	2,409	2,454	2,083	2,163	2,214	8,950	19,672	9,461	4,520	6,438	9,158	76,737
1962	4,313	2,464	2,358	2,169	2,016	2,052	8,438	31,380	29,011	23,382	17,182	14,362	139,127
1963	7,599	2,546	2,324	2,245	2,493	2,192	8,178	32,379	30,700	22,100	15,171	15,600	143,529
1964	11,662	6,245	1,940	2,031	1,986	2,137	6,599	21,488	28,217	25,613	18,842	16,095	142,853
1965	9,034	4,616	3,107	3,068	2,319	2,479	7,413	30,913	63,678	27,756	18,220	17,050	189,653
1966	8,019	5,075	9,611	9,551	7,491	14,645	18,840	53,569	25,195	16,582	14,915	15,873	199,366
1967	8,416	3,338	1,991	2,517	2,169	3,219	10,795	30,455	46,640	25,383	19,943	19,403	174,270
1968	8,399	3,823	2,565	3,032	3,208	2,682	5,144	33,419	73,475	25,085	19,972	18,929	199,734
1969	7,222	5,145	4,219	4,544	2,992	5,647	27,078	90,208	70,698	30,827	20,042	19,409	288,030
1970	6,581	6,652	3,243	2,798	2,427	2,388	10,077	53,562	45,690	27,639	19,736	18,691	199,485
1971	6,749	4,629	2,145	2,648	2,893	2,687	16,160	52,931	82,084	23,829	18,983	18,272	234,011
1972	5,897	4,206	2,754	2,341	1,833	12,419	15,668	65,736	46,232	28,419	17,309	16,552	219,367
1973	6,681	3,605	2,096	2,506	2,573	2,664	18,505	58,930	73,615	32,996	21,011	21,803	246,986
1974	5,378	4,512	2,505	2,065	1,870	2,272	11,942	68,136	74,586	29,830	18,903	16,572	238,572
1975	6,900	4,031	2,827	2,822	2,607	3,001	4,575	28,240	100,367	42,840	26,731	22,714	247,656
1976	5,599	6,644	4,491	3,349	3,043	3,034	14,059	47,268	37,128	17,678	16,570	15,195	174,057
1977	4,311	3,271	2,572	2,479	1,888	2,083	10,676	17,507	11,545	10,891	13,951	12,361	93,536
1978	5,692	2,525	2,393	2,485	2,568	5,977	7,834	31,891	27,322	26,468	18,973	18,641	152,768
1979	6,121	2,511	1,591	2,041	1,884	2,535	14,753	34,420	33,351	20,056	18,358	16,446	154,067
1980	6,423	4,861	2,876	3,213	3,001	2,697	7,712	53,142	52,450	28,891	21,937	21,992	209,195
1981	6,242	5,947	4,480	2,406	2,548	2,189	7,694	28,106	33,539	20,236	17,844	17,295	148,525
1982	4,779	3,965	2,904	2,090	2,209	5,068	12,551	71,183	65,404	45,000	23,557	17,939	256,650
1983	8,798	5,615	5,242	4,655	17,699	85,761	25,210	60,187	106,510	46,974	24,079	21,888	412,616
1984	6,670	7,253	6,148	12,410	19,513	36,980	61,398	89,959	80,236	47,421	25,013	21,130	414,132
1985	5,630	7,371	4,943	4,668	8,750	19,754	54,215	80,903	40,492	29,379	19,908	18,025	294,036
1986	7,376	6,444	6,706	5,569	14,887	95,804	52,377	84,705	101,349	48,331	20,265	19,781	463,592
1987	10,159	6,197	4,436	4,970	18,214	15,282	28,434	56,898	23,518	22,323	22,102	15,741	228,275
1988	6,453	3,877	2,050	1,632	1,841	2,004	15,180	25,829	22,934	16,587	18,513	14,437	131,335
1989	16,472	3,012	2,042	1,750	1,902	2,074	15,175	32,585	28,131	19,256	19,795	13,222	155,415
1990	5,513	4,060	3,940	3,852	2,075	3,492	5,467	34,896	29,409	24,962	17,073	16,911	151,649
1991	7,338	2,677	2,261	1,979	1,883	1,958	6,192	19,520	29,505	22,528	14,445	13,880	124,167
1992	3,886	3,862	2,650	3,382	4,366	2,467	8,408	22,429	16,983	7,260	8,610	6,156	90,458
1993	5,968	3,971	2,819	3,652	2,856	6,011	13,214	32,606	26,998	24,492	19,426	18,952	160,965
1994	8,931	2,892	2,988	2,885	2,973	2,946	9,455	28,365	22,347	16,516	15,332	9,299	124,930
1995	6,759	4,350	4,433	4,411	4,018	5,127	6,066	27,260	24,339	30,703	19,184	18,397	155,048
1996	7,852	6,381	5,452	9,593	3,848	8,998	19,090	56,153	75,858	33,212	19,751	18,104	264,291
1997	4,957	2,678	5,523	3,453	2,622	15,432	54,583	88,134	74,774	36,124	21,366	18,629	328,275
1998	4,777	4,698	4,113	2,606	1,951	3,588	14,953	81,875	74,660	37,162	21,937	17,956	270,275
1999	6,628	4,720	3,164	2,527	7,891	14,439	31,718	72,013	61,915	38,478	19,152	18,336	280,979
Average	6,967	4,167	3,488	3,369	4,031	9,112	17,089	47,021	48,369	26,459	18,398	16,725	205,196
Maximum	16,472	7,371	9,611	12,410	19,513	95,804	61,398	101,922	106,510	48,331	26,731	22,714	463,592
Minimum	3,886	2,409	1,591	1,632	1,760	1,958	4,575	17,507	9,461	4,520	6,438	6,156	76,737

P-7a
Bonneville Unit Operations (cfs)
Provo River from Olmsted to Murdock
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	77	70	96	49	48	54	336	999	1,144	501	272	260	326
1951	147	51	85	67	71	80	289	1,217	1,159	485	314	336	360
1952	93	50	70	65	46	283	817	1,658	1,432	512	312	328	472
1953	130	53	81	70	56	119	230	675	1,249	344	295	250	296
1954	143	66	49	40	44	32	303	566	241	311	290	271	197
1955	132	41	33	33	32	33	113	482	515	362	285	243	193
1956	89	52	68	32	32	34	238	527	537	328	271	229	203
1957	88	50	37	34	38	33	101	376	774	432	304	306	215
1958	122	70	37	32	35	33	127	730	671	357	298	289	235
1959	93	48	35	32	32	33	218	451	507	254	236	248	183
1960	105	42	27	32	32	33	248	486	479	427	202	181	192
1961	117	40	40	34	39	36	150	320	159	74	105	154	106
1962	70	41	38	35	36	33	142	510	488	380	279	241	192
1963	124	43	38	37	45	36	137	527	516	359	247	262	198
1964	190	105	32	33	35	35	111	349	474	417	306	270	197
1965	147	78	51	50	42	40	125	503	1,070	451	296	287	262
1966	130	85	156	155	135	238	317	871	423	270	243	267	275
1967	137	56	32	41	39	52	181	495	784	413	324	326	241
1968	137	64	42	49	56	44	86	544	1,235	408	325	318	275
1969	117	86	69	74	54	92	455	1,467	1,188	501	326	326	398
1970	107	112	53	46	44	39	169	871	768	450	321	314	276
1971	110	78	35	43	52	44	272	861	1,380	388	309	307	323
1972	96	71	45	38	32	202	263	1,069	777	462	282	278	302
1973	109	61	34	41	46	43	311	958	1,237	537	342	366	341
1974	87	76	41	34	34	37	201	1,108	1,254	485	307	279	330
1975	112	68	46	46	47	49	77	459	1,687	697	435	382	342
1976	91	112	73	54	53	49	236	769	624	288	269	255	240
1977	70	55	42	40	34	34	179	285	194	177	227	208	129
1978	93	42	39	40	46	97	132	519	459	430	309	313	211
1979	100	42	26	33	34	41	248	560	561	326	299	276	213
1980	104	82	47	52	52	44	130	864	881	470	357	370	288
1981	102	100	73	39	46	36	129	457	564	329	290	291	205
1982	78	67	47	34	40	82	211	1,158	1,099	732	383	301	355
1983	143	94	85	76	319	1,395	424	979	1,790	764	392	368	570
1984	108	122	100	202	339	601	1,032	1,463	1,348	771	407	355	570
1985	92	124	80	76	158	321	911	1,316	681	478	324	303	406
1986	120	108	109	91	268	1,558	880	1,378	1,703	786	330	332	640
1987	165	104	72	81	328	249	478	925	395	363	359	265	315
1988	105	65	33	27	32	33	255	420	385	270	301	243	181
1989	268	51	33	28	34	34	255	530	473	313	322	222	215
1990	90	68	64	63	37	57	92	568	494	406	278	284	209
1991	119	45	37	32	34	32	104	317	496	366	235	233	172
1992	63	65	43	55	76	40	141	365	285	118	140	103	125
1993	97	67	46	59	51	98	222	530	454	398	316	319	222
1994	145	49	49	47	54	48	159	461	376	269	249	156	173
1995	110	73	72	72	72	83	102	443	409	499	312	309	214
1996	128	107	89	156	67	146	321	913	1,275	540	321	304	364
1997	81	45	90	56	47	251	917	1,433	1,257	588	348	313	453
1998	78	79	67	42	35	58	251	1,332	1,255	604	357	302	373
1999	108	79	51	41	142	235	533	1,171	1,041	626	311	308	388
Average	113	70	57	55	72	148	287	765	813	430	299	281	283
Maximum	268	124	156	202	339	1,558	1,032	1,658	1,790	786	435	382	640
Minimum	63	40	26	27	32	32	77	285	159	74	105	103	106

P-7b
Bonneville Unit Operations (acre-feet)
Provo River from Olmsted to Murdock
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	839	317	1,751	2,177	1,754	2,553	7,823	414	149	210	0	0	17,986
1951	768	0	0	1,711	1,552	908	1,819	280	0	2,875	0	0	9,912
1952	1,122	0	0	1,466	0	0	1,400	13	0	3,515	0	0	7,516
1953	769	0	3,039	1,649	1,474	3,771	6,270	4,204	0	610	0	0	21,783
1954	768	2,221	1,796	1,538	1,389	48	2,875	2,283	0	0	0	0	12,918
1955	768	1,440	1,537	1,538	1,389	1,538	2,875	1,412	0	0	0	0	12,496
1956	0	0	2,758	1,538	1,438	1,538	2,875	1,562	0	0	0	0	11,709
1957	0	0	1,668	1,538	1,389	1,538	2,875	1,556	0	0	0	0	10,562
1958	768	1,620	666	1,538	694	1,572	2,875	0	2,380	0	0	0	12,114
1959	768	1,595	1,809	1,538	1,389	1,538	2,875	1,524	0	0	0	0	13,036
1960	768	0	1,538	1,538	1,438	1,538	2,875	1,238	0	0	0	0	10,932
1961	768	1,488	1,500	1,454	1,584	1,482	2,875	1,113	0	0	0	0	12,263
1962	768	1,243	1,404	1,447	1,389	1,482	4,431	1,892	0	0	0	0	14,056
1963	0	0	1,537	1,538	1,389	1,538	2,875	1,560	0	0	0	0	10,436
1964	0	0	1,359	1,538	1,438	1,538	2,875	1,603	0	0	0	0	10,350
1965	768	349	1,537	1,942	1,746	1,538	4,002	2,089	0	0	0	0	13,971
1966	768	1,890	0	0	1,915	2,098	2,875	2,092	0	0	0	0	11,639
1967	768	503	1,537	1,538	1,389	1,724	2,875	2,299	0	0	0	0	12,632
1968	768	1,515	126	1,147	1,566	0	1,873	4,575	0	0	0	0	11,571
1969	768	1,442	1,148	1,826	612	882	338	0	0	2,875	0	0	9,890
1970	768	1,779	1,596	593	1,097	263	3,619	0	0	3,553	0	0	13,268
1971	768	320	0	0	0	0	3,619	0	3,853	0	0	0	8,561
1972	768	241	0	0	0	738	714	0	0	2,875	0	0	5,336
1973	768	0	0	0	0	0	1,260	0	0	2,875	0	0	4,903
1974	768	748	0	0	0	1,538	10,197	0	2,960	1,379	0	0	17,591
1975	768	1,632	954	0	0	0	33	7,533	0	0	0	0	10,920
1976	768	2,012	0	0	1,588	1,930	9,808	3,363	2,870	0	0	0	22,339
1977	768	1,627	1,632	1,538	1,389	1,567	3,619	940	0	0	0	0	13,080
1978	768	1,627	1,562	1,751	1,879	3,531	2,696	4,455	0	0	0	0	18,270
1979	768	811	330	563	1,247	827	12,399	3,074	0	0	0	0	20,020
1980	768	2,323	2,502	1,667	1,541	590	2,424	2,296	0	1,071	0	0	15,182
1981	768	2,332	2,244	1,538	1,389	1,537	3,619	3,450	0	0	0	0	16,877
1982	1,347	63	2,364	1,538	1,389	2,298	9,702	411	752	2,123	0	0	21,986
1983	1,807	2,676	2,494	1,795	0	0	3,650	0	0	2,875	0	0	15,296
1984	1,346	2,919	0	0	0	0	1,851	2,462	0	2,875	0	0	11,454
1985	768	2,133	1,778	1,722	2,140	0	1,787	2,836	2,875	0	0	0	16,038
1986	1,248	0	2,348	1,829	3,454	0	1,912	1,555	0	2,875	0	0	15,220
1987	2,328	1,816	1,778	1,979	2,214	0	1,741	3,415	3,195	1,477	0	0	19,942
1988	768	1,665	1,925	1,538	201	0	2,875	1,704	0	0	0	0	10,678
1989	768	1,488	1,766	1,538	1,393	908	2,875	1,893	0	0	0	0	12,629
1990	812	2,746	3,189	3,397	1,831	3,204	0	4,688	0	0	0	0	19,868
1991	1,642	1,957	1,771	1,538	1,389	1,537	2,875	1,418	0	0	0	0	14,126
1992	779	1,741	1,429	2,385	3,074	1,121	2,875	574	0	0	0	0	13,977
1993	2,616	1,686	1,679	1,538	1,389	1,863	3,596	4,856	0	0	0	0	19,223
1994	1,337	1,703	1,700	1,538	852	0	2,875	1,357	0	0	0	0	11,362
1995	1,006	1,709	2,407	2,523	1,726	0	665	4,029	0	0	0	0	14,064
1996	2,934	2,587	2,462	501	1,609	0	0	0	0	2,875	0	0	12,967
1997	768	0	1,788	0	1,389	3,775	1,174	1,332	1,173	2,875	0	0	14,275
1998	768	2,355	2,390	1,538	1,389	1,905	4,325	1,174	1,173	2,875	0	0	19,891
1999	1,543	2,368	2,403	1,538	1,566	2,256	3,932	1,174	1,173	2,875	0	0	20,827
Average	930	1,254	1,464	1,326	1,281	1,204	3,304	1,834	451	911	0	0	13,959
Maximum	2,934	2,919	3,189	3,397	3,454	3,775	12,399	7,533	3,853	3,553	0	0	22,339
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	4,903

P-7b
Bonneville Unit Operations (cfs)
Provo River from Olmsted to Murdock
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	14	5	28	35	32	42	131	7	3	3	0	0	25
1951	12	0	0	28	28	15	31	5	0	47	0	0	14
1952	18	0	0	24	0	0	24	0	0	57	0	0	10
1953	12	0	49	27	27	61	105	68	0	10	0	0	30
1954	12	37	29	25	25	1	48	37	0	0	0	0	18
1955	12	24	25	25	25	25	48	23	0	0	0	0	17
1956	0	0	45	25	25	25	48	25	0	0	0	0	16
1957	0	0	27	25	25	25	48	25	0	0	0	0	15
1958	12	27	11	25	12	26	48	0	40	0	0	0	17
1959	12	27	29	25	25	25	48	25	0	0	0	0	18
1960	12	0	25	25	25	25	48	20	0	0	0	0	15
1961	12	25	24	24	29	24	48	18	0	0	0	0	17
1962	12	21	23	24	25	24	74	31	0	0	0	0	19
1963	0	0	25	25	25	25	48	25	0	0	0	0	14
1964	0	0	22	25	25	25	48	26	0	0	0	0	14
1965	12	6	25	32	31	25	67	34	0	0	0	0	19
1966	12	32	0	0	34	34	48	34	0	0	0	0	16
1967	12	8	25	25	25	28	48	37	0	0	0	0	17
1968	12	25	2	19	27	0	31	74	0	0	0	0	16
1969	12	24	19	30	11	14	6	0	0	47	0	0	14
1970	12	30	26	10	20	4	61	0	0	58	0	0	18
1971	12	5	0	0	0	0	61	0	65	0	0	0	12
1972	12	4	0	0	0	12	12	0	0	47	0	0	7
1973	12	0	0	0	0	0	21	0	0	47	0	0	7
1974	12	13	0	0	0	25	171	0	50	22	0	0	24
1975	12	27	16	0	0	0	1	123	0	0	0	0	15
1976	12	34	0	0	28	31	165	55	48	0	0	0	31
1977	12	27	27	25	25	25	61	15	0	0	0	0	18
1978	12	27	25	28	34	57	45	72	0	0	0	0	25
1979	12	14	5	9	22	13	208	50	0	0	0	0	28
1980	12	39	41	27	27	10	41	37	0	17	0	0	21
1981	12	39	37	25	25	25	61	56	0	0	0	0	23
1982	22	1	38	25	25	37	163	7	13	35	0	0	30
1983	29	45	41	29	0	0	61	0	0	47	0	0	21
1984	22	49	0	0	0	0	31	40	0	47	0	0	16
1985	12	36	29	28	39	0	30	46	48	0	0	0	22
1986	20	0	38	30	62	0	32	25	0	47	0	0	21
1987	38	31	29	32	40	0	29	56	54	24	0	0	28
1988	12	28	31	25	4	0	48	28	0	0	0	0	15
1989	12	25	29	25	25	15	48	31	0	0	0	0	17
1990	13	46	52	55	33	52	0	76	0	0	0	0	27
1991	27	33	29	25	25	25	48	23	0	0	0	0	20
1992	13	29	23	39	53	18	48	9	0	0	0	0	19
1993	43	28	27	25	25	30	60	79	0	0	0	0	27
1994	22	29	28	25	15	0	48	22	0	0	0	0	16
1995	16	29	39	41	31	0	11	66	0	0	0	0	19
1996	48	43	40	8	28	0	0	0	0	47	0	0	18
1997	12	0	29	0	25	61	20	22	20	47	0	0	20
1998	12	40	39	25	25	31	73	19	20	47	0	0	27
1999	25	40	39	25	28	37	66	19	20	47	0	0	29
Average	15	21	24	22	23	20	56	30	8	15	0	0	19
Maximum	48	49	52	55	62	61	208	123	65	58	0	0	31
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	7

P-7c
Bonneville Unit Operations (acre-feet)
Provo River from Olmsted to Murdock
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	1,239	0	0	0	0	0	437	37,180	3,692	9,706	2,935	1,929	57,117
1951	1,121	0	0	0	0	0	437	19,859	4,088	7,327	3,404	2,265	38,502
1952	1,121	0	0	0	0	0	5,602	7,235	8,048	6,661	2,708	1,766	33,143
1953	1,121	0	0	0	0	0	437	12,665	27,254	3,732	3,828	2,569	51,607
1954	1,121	0	0	0	0	0	2,361	3,311	2,048	3,976	3,889	2,613	19,320
1955	1,121	0	0	0	0	0	2,361	3,311	2,048	4,779	4,085	1,937	19,644
1956	0	0	0	0	0	0	2,361	3,311	2,048	3,558	3,646	2,439	17,365
1957	1,121	0	0	0	0	0	2,361	3,311	16,898	3,877	3,979	2,678	34,226
1958	1,121	0	0	0	0	0	2,361	27,002	7,715	3,819	3,919	2,634	48,572
1959	1,121	0	0	0	0	0	2,361	3,311	2,048	3,935	4,040	2,721	19,538
1960	1,121	0	0	0	0	0	2,361	3,311	2,048	4,108	5,934	2,852	21,736
1961	0	0	0	0	0	0	2,004	3,231	2,048	0	0	0	7,284
1962	0	0	0	0	0	0	437	5,235	2,048	4,050	4,161	2,808	18,741
1963	1,121	0	0	0	0	0	2,361	3,311	2,048	3,891	3,995	2,689	19,417
1964	1,121	0	0	0	0	0	2,361	3,311	2,048	3,949	4,055	2,732	19,579
1965	1,121	0	0	0	0	0	2,361	3,311	37,262	5,810	2,754	1,799	54,418
1966	1,121	0	0	0	0	0	2,361	15,751	2,048	3,544	3,631	2,428	30,886
1967	1,121	0	0	0	0	0	2,361	3,311	21,245	3,660	3,752	2,515	37,966
1968	1,121	0	0	0	0	0	437	5,235	15,508	3,428	3,510	2,341	31,581
1969	1,121	0	0	0	0	0	437	7,235	4,260	7,399	3,480	2,320	26,253
1970	1,121	0	0	0	0	0	2,361	31,763	8,606	3,804	3,904	2,624	54,184
1971	1,121	0	0	0	0	0	2,361	9,311	2,695	2,690	2,739	1,788	22,705
1972	1,121	0	0	0	0	0	7,526	3,859	3,372	6,734	2,784	1,820	27,217
1973	1,121	0	0	0	0	0	437	7,235	5,994	7,370	3,450	2,298	27,906
1974	1,121	0	0	0	0	0	480	7,331	18,630	8,506	4,638	3,150	43,856
1975	1,239	0	0	0	0	0	480	5,331	12,563	8,628	7,509	3,150	38,900
1976	1,239	0	0	0	0	0	480	14,812	2,219	4,506	4,638	3,150	31,044
1977	1,239	0	0	0	0	0	2,404	3,407	2,219	4,506	4,638	3,150	21,562
1978	0	0	0	0	0	0	480	5,331	2,219	6,404	4,638	3,150	22,222
1979	1,239	0	0	0	0	0	480	5,331	2,488	4,506	4,638	3,150	21,831
1980	1,239	0	0	0	0	0	480	5,331	8,219	4,506	4,638	3,150	27,562
1981	1,239	0	0	0	0	0	2,404	3,407	2,582	4,506	4,638	3,150	21,926
1982	1,239	0	0	0	0	0	480	7,331	8,219	18,023	4,638	3,150	43,080
1983	1,239	0	0	0	3,514	4,453	5,723	7,331	8,219	14,783	7,023	3,150	55,434
1984	1,239	0	0	5,134	4,314	4,810	10,656	7,331	8,219	22,169	6,863	3,150	73,884
1985	1,239	0	0	0	0	3,821	6,480	7,331	7,218	8,867	4,638	3,150	42,744
1986	1,239	0	0	0	0	10,635	6,480	7,331	8,219	23,762	4,638	3,150	65,453
1987	1,239	0	0	0	3,249	3,931	11,278	18,801	3,792	6,933	6,534	3,150	58,908
1988	1,239	0	0	0	0	0	2,404	3,407	2,219	4,506	4,638	3,150	21,562
1989	1,239	0	0	0	0	0	2,404	3,407	2,219	4,506	4,638	3,150	21,562
1990	1,239	0	0	0	0	0	480	5,331	2,219	4,506	774	0	14,548
1991	0	0	0	0	0	0	2,004	3,327	2,219	4,506	4,638	579	17,272
1992	0	0	0	0	0	0	2,004	3,327	1,605	0	0	0	6,936
1993	0	0	0	0	0	0	480	5,331	2,219	4,506	4,638	3,150	20,324
1994	1,239	0	0	0	0	0	2,404	3,407	2,219	4,506	4,638	1,339	19,751
1995	0	0	0	0	0	0	480	5,331	2,219	5,284	4,638	3,150	21,101
1996	1,239	0	0	0	0	0	480	7,331	3,408	10,928	4,638	3,150	31,174
1997	1,239	0	0	0	0	0	11,101	7,331	8,219	12,006	5,077	3,150	48,122
1998	1,239	0	0	0	0	0	6,241	7,331	8,219	11,787	4,638	3,150	42,605
1999	1,239	0	0	0	0	4,938	8,629	7,331	8,219	15,016	4,638	3,150	53,159
Average	991	0	0	103	222	652	2,783	7,877	6,547	6,689	4,130	2,516	32,509
Maximum	1,239	0	0	5,134	4,314	10,635	11,278	37,180	37,262	23,762	7,509	3,150	73,884
Minimum	0	0	0	0	0	0	437	3,231	1,605	0	0	0	6,936

P-7c
Bonneville Unit Operations (cfs)
Provo River from Olmsted to Murdock
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	20	0	0	0	0	0	7	605	62	158	48	32	**79**
1951	18	0	0	0	0	0	7	323	69	119	55	38	**53**
1952	18	0	0	0	0	0	94	118	135	108	44	30	**46**
1953	18	0	0	0	0	0	7	206	458	61	62	43	**71**
1954	18	0	0	0	0	0	40	54	34	65	63	44	**27**
1955	18	0	0	0	0	0	40	54	34	78	66	33	**27**
1956	0	0	0	0	0	0	40	54	34	58	59	41	**24**
1957	18	0	0	0	0	0	40	54	284	63	65	45	**47**
1958	18	0	0	0	0	0	40	439	130	62	64	44	**67**
1959	18	0	0	0	0	0	40	54	34	64	66	46	**27**
1960	18	0	0	0	0	0	40	54	34	67	97	48	**30**
1961	0	0	0	0	0	0	34	53	34	0	0	0	**10**
1962	0	0	0	0	0	0	7	85	34	66	68	47	**26**
1963	18	0	0	0	0	0	40	54	34	63	65	45	**27**
1964	18	0	0	0	0	0	40	54	34	64	66	46	**27**
1965	18	0	0	0	0	0	40	54	626	94	45	30	**75**
1966	18	0	0	0	0	0	40	256	34	58	59	41	**43**
1967	18	0	0	0	0	0	40	54	357	60	61	42	**52**
1968	18	0	0	0	0	0	7	85	261	56	57	39	**44**
1969	18	0	0	0	0	0	7	118	72	120	57	39	**36**
1970	18	0	0	0	0	0	40	517	145	62	63	44	**75**
1971	18	0	0	0	0	0	40	151	45	44	45	30	**31**
1972	18	0	0	0	0	0	126	63	57	110	45	31	**37**
1973	18	0	0	0	0	0	7	118	101	120	56	39	**39**
1974	18	0	0	0	0	0	8	119	313	138	75	53	**61**
1975	20	0	0	0	0	0	8	87	211	140	122	53	**54**
1976	20	0	0	0	0	0	8	241	37	73	75	53	**43**
1977	20	0	0	0	0	0	40	55	37	73	75	53	**30**
1978	0	0	0	0	0	0	8	87	37	104	75	53	**31**
1979	20	0	0	0	0	0	8	87	42	73	75	53	**30**
1980	20	0	0	0	0	0	8	87	138	73	75	53	**38**
1981	20	0	0	0	0	0	40	55	43	73	75	53	**30**
1982	20	0	0	0	0	0	8	119	138	293	75	53	**60**
1983	20	0	0	0	63	72	96	119	138	240	114	53	**77**
1984	20	0	0	83	75	78	179	119	138	361	112	53	**102**
1985	20	0	0	0	0	62	109	119	121	144	75	53	**59**
1986	20	0	0	0	0	173	109	119	138	386	75	53	**90**
1987	20	0	0	0	59	64	190	306	64	113	106	53	**81**
1988	20	0	0	0	0	0	40	55	37	73	75	53	**30**
1989	20	0	0	0	0	0	40	55	37	73	75	53	**30**
1990	20	0	0	0	0	0	8	87	37	73	13	0	**20**
1991	0	0	0	0	0	0	34	54	37	73	75	10	**24**
1992	0	0	0	0	0	0	34	54	27	0	0	0	**10**
1993	0	0	0	0	0	0	8	87	37	73	75	53	**28**
1994	20	0	0	0	0	0	40	55	37	73	75	23	**27**
1995	0	0	0	0	0	0	8	87	37	86	75	53	**29**
1996	20	0	0	0	0	0	8	119	57	178	75	53	**43**
1997	20	0	0	0	0	0	187	119	138	195	83	53	**66**
1998	20	0	0	0	0	0	105	119	138	192	75	53	**59**
1999	20	0	0	0	0	80	145	119	138	244	75	53	**73**
Average	16	0	0	2	4	11	47	128	110	109	67	42	**45**
Maximum	20	0	0	83	75	173	190	605	626	386	122	53	**102**
Minimum	0	0	0	0	0	0	7	53	27	0	0	0	**10**

P-7d
Bonneville Unit Operations (acre-feet)
Provo River from Olmsted to Murdock
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	2,650	3,863	4,180	843	896	743	11,743	23,830	64,210	20,875	13,812	13,541	161,187
1951	7,150	3,024	5,228	2,418	2,373	4,018	14,917	54,705	64,891	19,589	15,887	17,705	211,905
1952	3,466	2,970	4,315	2,538	2,618	17,406	41,594	94,674	77,156	21,307	16,495	17,761	302,299
1953	6,114	3,170	1,942	2,639	1,650	3,526	6,997	24,621	47,040	16,836	14,330	12,322	141,187
1954	6,906	1,696	1,222	941	1,068	1,948	12,769	29,214	12,284	15,173	13,963	13,493	110,678
1955	6,255	1,015	484	505	371	522	1,492	24,933	28,619	17,465	13,447	12,504	107,612
1956	5,457	3,082	1,409	428	428	541	8,935	27,520	29,880	16,636	12,988	11,187	118,491
1957	4,812	2,952	602	569	729	488	778	18,271	29,162	22,683	14,700	15,557	110,802
1958	5,631	2,554	1,622	442	1,264	481	2,343	17,865	29,815	18,145	14,421	14,582	109,167
1959	3,807	1,275	371	451	385	490	7,743	22,908	28,131	11,674	10,500	12,045	99,779
1960	4,559	2,485	127	427	399	504	9,495	25,343	26,439	22,166	6,469	7,934	106,347
1961	6,447	921	954	629	579	732	4,071	15,328	7,412	4,520	6,438	9,158	57,190
1962	3,544	1,221	954	722	627	570	3,570	24,253	26,963	19,332	13,021	11,554	106,331
1963	6,478	2,546	787	707	1,105	655	2,942	27,508	28,651	18,209	11,177	12,911	113,676
1964	10,541	6,244	581	493	548	600	1,362	16,574	26,168	21,664	14,787	13,363	112,925
1965	7,145	4,267	1,570	1,125	573	941	1,050	25,512	26,416	21,947	15,466	15,252	121,263
1966	6,130	3,185	9,611	9,551	5,576	12,547	13,603	35,726	23,146	13,038	11,283	13,445	156,841
1967	6,526	2,835	454	979	781	1,495	5,558	24,845	25,395	21,723	16,190	16,888	123,671
1968	6,509	2,308	2,439	1,885	1,642	2,681	2,834	23,608	57,968	21,657	16,462	16,588	156,582
1969	5,332	3,703	3,071	2,718	2,381	4,765	26,303	82,973	66,438	20,553	16,562	17,089	251,887
1970	4,692	4,873	1,648	2,204	1,331	2,124	4,096	21,799	37,085	20,281	15,833	16,067	132,033
1971	4,859	4,309	2,145	2,647	2,893	2,687	10,180	43,620	75,536	21,138	16,245	16,485	202,745
1972	4,008	3,966	2,754	2,340	1,833	11,681	7,427	61,877	42,860	18,811	14,526	14,732	186,814
1973	4,791	3,605	2,096	2,505	2,573	2,664	16,808	51,695	67,622	22,751	17,562	19,505	214,177
1974	3,488	3,764	2,505	2,064	1,869	734	1,265	60,805	52,996	19,945	14,265	13,422	177,125
1975	4,893	2,400	1,874	2,821	2,607	3,000	4,062	15,376	87,805	34,212	19,222	19,564	197,836
1976	3,592	4,632	4,491	3,348	1,455	1,104	3,771	29,093	32,039	13,172	11,932	12,045	120,674
1977	2,304	1,645	940	941	500	516	4,653	13,160	9,327	6,385	9,313	9,211	58,893
1978	4,923	897	830	734	689	2,445	4,658	22,106	25,104	20,063	14,336	15,491	112,276
1979	4,114	1,700	1,260	1,477	637	1,708	1,874	26,016	30,863	15,550	13,720	13,296	112,216
1980	4,416	2,538	374	1,546	1,460	2,107	4,808	45,516	44,232	23,314	17,299	18,842	166,451
1981	4,235	3,615	2,236	868	1,160	651	1,671	21,249	30,958	15,730	13,206	14,145	109,723
1982	2,194	3,902	540	552	821	2,770	2,369	63,441	56,434	24,854	18,920	14,789	191,585
1983	5,753	2,939	2,748	2,860	14,185	81,307	15,836	52,856	98,292	29,316	17,056	18,738	341,886
1984	4,085	4,334	6,148	7,276	15,199	32,170	48,891	80,166	72,018	22,377	18,150	17,980	328,794
1985	3,623	5,238	3,165	2,946	6,610	15,932	45,948	70,736	30,399	20,512	15,271	14,875	235,255
1986	4,889	6,444	4,358	3,740	11,433	85,169	43,985	75,819	93,130	21,694	15,627	16,631	382,920
1987	6,593	4,382	2,658	2,991	12,750	11,352	15,415	34,681	16,531	13,913	15,568	12,591	149,426
1988	4,446	2,212	125	94	1,640	2,004	9,900	20,718	20,715	12,080	13,875	11,287	99,095
1989	14,465	1,524	276	212	509	1,166	9,895	27,285	25,912	14,749	15,158	10,072	121,224
1990	3,462	1,314	751	455	244	288	4,986	24,877	27,190	20,456	16,299	16,911	117,233
1991	5,696	721	490	441	494	421	1,313	14,776	27,286	18,021	9,807	13,302	92,769
1992	3,107	2,121	1,221	997	1,293	1,346	3,528	18,529	15,377	7,260	8,610	6,156	69,545
1993	3,352	2,285	1,140	2,114	1,467	4,148	9,138	22,419	24,779	19,986	14,788	15,802	121,419
1994	6,355	1,190	1,288	1,347	2,122	2,945	4,175	23,601	20,128	12,010	10,695	7,960	93,816
1995	5,754	2,641	2,026	1,889	2,292	5,126	4,921	17,900	22,121	25,420	14,546	15,247	119,883
1996	3,679	3,794	2,990	9,092	2,239	8,997	18,610	48,822	72,450	19,409	15,114	14,954	220,149
1997	2,950	2,678	3,734	3,452	1,234	11,657	42,309	79,471	65,382	21,243	16,289	15,479	265,879
1998	2,770	2,343	1,723	1,068	562	1,683	4,387	73,371	65,268	22,500	17,299	14,806	207,779
1999	3,846	2,352	761	989	6,325	7,244	19,157	63,508	52,523	20,588	14,514	15,186	206,994
Average	5,046	2,913	2,024	1,940	2,528	7,256	11,003	37,310	41,371	18,859	14,269	14,209	158,728
Maximum	14,465	6,444	9,611	9,551	15,199	85,169	48,891	94,674	98,292	34,212	19,222	19,564	382,920
Minimum	2,194	721	125	94	244	288	778	13,160	7,412	4,520	6,438	6,156	57,190

P-7d
Bonneville Unit Operations (cfs)
Provo River from Olmsted to Murdock
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	43	65	68	14	16	12	197	388	1,079	340	225	228	223
1951	116	51	85	39	43	65	251	890	1,091	319	258	298	293
1952	56	50	70	41	46	283	699	1,540	1,297	347	268	298	416
1953	99	53	32	43	30	57	118	400	791	274	233	207	195
1954	112	29	20	15	19	32	215	475	206	247	227	227	153
1955	102	17	8	8	7	8	25	406	481	284	219	210	149
1956	89	52	23	7	7	9	150	448	502	271	211	188	163
1957	70	50	10	9	13	8	13	297	490	369	239	261	153
1958	92	43	26	7	23	8	39	291	501	295	235	245	151
1959	62	21	6	7	7	8	130	373	473	190	171	202	138
1960	74	42	2	7	7	8	160	412	444	361	105	133	146
1961	105	15	16	10	10	12	68	249	125	74	105	154	79
1962	58	21	16	12	11	9	60	394	453	314	212	194	147
1963	105	43	13	11	20	11	49	447	482	296	182	217	157
1964	171	105	9	8	10	10	23	270	440	352	240	225	156
1965	116	72	26	18	10	15	18	415	444	357	252	256	168
1966	100	54	156	155	100	204	229	581	389	212	184	226	217
1967	106	48	7	16	14	24	93	404	427	353	263	284	171
1968	106	39	40	31	29	44	48	384	974	352	268	279	216
1969	87	62	50	44	43	77	442	1,349	1,117	334	269	287	348
1970	76	82	27	36	24	35	69	355	623	330	258	270	182
1971	79	72	35	43	52	44	171	709	1,269	344	264	277	280
1972	65	67	45	38	32	190	125	1,006	720	306	236	248	257
1973	78	61	34	41	46	43	282	841	1,136	370	286	328	296
1974	57	63	41	34	34	12	21	989	891	324	232	226	245
1975	80	40	30	46	47	49	68	250	1,476	556	313	329	273
1976	58	78	73	54	25	18	63	473	538	214	194	202	166
1977	37	28	15	15	9	8	78	214	157	104	151	155	81
1978	80	15	14	12	12	40	78	360	422	326	233	260	155
1979	67	29	20	24	11	28	31	423	519	253	223	223	155
1980	72	43	6	25	25	34	81	740	743	379	281	317	229
1981	69	61	36	14	21	11	28	346	520	256	215	238	152
1982	36	66	9	9	15	45	40	1,032	948	404	308	249	265
1983	94	49	45	47	255	1,322	266	860	1,652	477	277	315	472
1984	66	73	100	118	264	523	822	1,304	1,210	364	295	302	453
1985	59	88	51	48	119	259	772	1,150	511	334	248	250	325
1986	80	108	71	61	206	1,385	739	1,233	1,565	353	254	280	529
1987	107	74	43	49	230	185	259	564	278	226	253	212	206
1988	72	37	2	2	29	33	166	337	348	196	226	190	137
1989	235	26	4	3	9	19	166	444	435	240	247	169	167
1990	56	22	12	7	4	5	84	405	457	333	265	284	162
1991	93	12	8	7	9	7	22	240	459	293	160	224	128
1992	51	36	20	16	22	22	59	301	258	118	140	103	96
1993	55	38	19	34	26	67	154	365	416	325	241	266	168
1994	103	20	21	22	38	48	70	384	338	195	174	134	130
1995	94	44	33	31	41	83	83	291	372	413	237	256	166
1996	60	64	49	148	39	146	313	794	1,218	316	246	251	303
1997	48	45	61	56	22	190	711	1,293	1,099	345	265	260	367
1998	45	39	28	17	10	27	74	1,193	1,097	366	281	249	287
1999	63	40	12	16	114	118	322	1,033	883	335	236	255	286
Average	82	49	33	32	45	118	185	607	695	307	232	239	219
Maximum	235	108	156	155	264	1,385	822	1,540	1,652	556	313	329	529
Minimum	36	12	2	2	4	5	13	214	125	74	105	103	79

P-7e
Bonneville Unit Operations (acre-feet)
Diversions into Olmsted Aqueduct
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	6,066	4,005	4,205	4,946	4,489	4,540	3,936	15,471	19,647	21,492	18,923	14,453	122,173
1951	7,420	3,648	3,825	5,791	5,129	3,512	5,318	16,020	21,303	23,998	20,999	17,810	134,773
1952	7,220	4,148	4,247	3,938	4,098	3,406	1,123	15,642	19,706	20,998	19,493	17,018	121,036
1953	6,837	4,248	4,324	5,853	5,302	3,905	5,765	17,080	21,272	21,426	20,468	15,096	131,575
1954	7,614	4,048	5,235	5,842	5,266	5,646	9,844	22,782	19,463	27,668	25,691	20,246	159,344
1955	9,598	4,995	5,344	5,511	4,874	5,506	6,935	20,182	25,514	27,668	23,502	19,746	159,374
1956	8,234	4,902	4,705	5,406	5,312	5,689	7,519	19,116	25,379	25,836	21,536	19,213	152,847
1957	8,320	5,048	4,986	5,911	5,320	5,395	4,935	15,214	20,769	24,286	20,952	17,248	138,384
1958	7,820	4,548	4,581	5,348	5,235	5,405	3,635	10,655	24,481	24,303	21,974	16,892	134,877
1959	9,153	4,801	5,305	5,508	5,067	5,472	9,718	20,428	26,385	26,354	23,283	18,416	159,889
1960	8,679	4,903	5,551	5,471	5,172	5,419	4,086	19,506	25,234	24,657	27,668	24,308	160,654
1961	6,249	5,045	5,714	5,305	4,765	6,605	10,202	20,005	13,526	20,487	19,946	12,866	130,713
1962	9,286	5,407	5,506	5,306	4,941	5,406	2,979	17,152	22,841	22,675	21,235	19,641	142,375
1963	8,052	5,048	5,524	5,887	5,249	5,742	9,858	19,715	26,150	26,949	22,308	17,987	158,468
1964	8,829	4,799	5,006	5,218	5,319	5,286	7,135	11,449	22,484	24,287	22,107	20,396	142,314
1965	7,455	4,448	3,725	4,250	4,101	4,588	4,101	18,922	21,896	21,956	18,646	16,056	130,141
1966	5,645	3,894	3,800	4,264	3,926	3,006	7,134	21,408	22,720	24,545	22,062	17,960	140,364
1967	7,920	4,754	4,606	5,838	5,301	5,778	8,461	20,199	20,597	24,063	21,903	17,986	147,404
1968	7,320	4,348	4,762	5,833	5,451	4,718	5,818	18,600	20,968	24,099	20,522	17,485	139,923
1969	7,120	3,648	4,000	5,676	5,213	3,965	2,299	17,007	20,813	23,961	21,287	17,459	132,448
1970	7,016	4,061	4,757	5,861	5,306	5,877	7,372	16,734	21,844	23,472	21,988	17,288	141,575
1971	6,720	2,448	3,199	4,575	3,820	3,380	5,433	18,141	19,768	22,012	19,761	16,343	125,600
1972	6,520	3,048	3,290	4,727	3,707	5	3,114	16,604	19,732	23,071	18,863	15,441	118,122
1973	6,259	3,448	4,062	5,782	5,234	4,550	3,835	17,142	20,796	25,306	22,780	19,200	138,394
1974	7,206	5,379	5,886	5,908	4,965	5,801	4,454	19,793	22,232	26,987	25,190	18,680	152,480
1975	6,377	5,642	5,830	5,850	5,290	5,817	8,347	17,636	18,333	24,542	27,668	21,170	152,501
1976	8,589	4,633	5,427	5,772	5,429	5,571	2,193	18,930	25,716	23,523	23,087	20,856	149,725
1977	6,675	5,286	5,869	5,898	5,357	5,858	3,225	14,065	18,479	25,906	25,242	19,823	141,683
1978	6,010	5,058	5,414	5,153	4,713	4,514	6,364	19,670	23,316	27,668	25,517	20,832	154,228
1979	4,874	5,257	5,950	5,258	5,313	5,766	4,325	18,140	26,776	26,157	26,371	19,211	153,398
1980	6,129	4,415	4,999	5,835	5,476	5,918	6,939	16,944	19,780	25,695	25,038	14,324	141,491
1981	6,394	4,406	4,906	5,890	5,317	5,872	8,043	17,774	26,060	21,971	21,353	17,716	145,701
1982	5,480	4,511	4,514	5,641	5,259	5,203	2,643	19,712	20,649	27,669	27,400	19,956	148,635
1983	5,086	4,247	4,948	5,707	4,122	3,632	989	8,671	23,508	27,668	27,668	23,809	140,054
1984	7,614	3,916	4,439	3,925	2,243	3,238	1,950	14,436	23,115	27,668	27,668	25,774	145,986
1985	7,939	4,702	5,724	5,780	4,376	3,435	2,270	15,510	26,034	27,668	27,552	21,329	152,320
1986	6,609	4,320	5,094	5,673	3,827	4,535	3,518	16,821	24,299	27,668	25,999	19,970	148,332
1987	5,151	5,337	5,566	5,523	4,028	3,734	9,140	18,637	17,168	20,551	27,668	22,659	145,163
1988	5,321	5,073	5,102	5,856	5,101	5,367	11,272	20,898	15,921	26,251	25,749	13,994	145,904
1989	4,254	4,766	5,003	5,146	4,636	5,048	11,371	18,262	25,592	23,318	24,679	15,710	147,785
1990	6,230	4,091	4,312	4,052	4,634	4,184	2,416	17,328	22,806	25,804	21,341	19,143	136,343
1991	4,550	4,785	4,710	4,562	4,140	4,994	4,111	12,623	23,190	26,014	22,308	14,463	130,450
1992	5,877	5,520	5,814	5,025	4,263	6,262	10,427	22,466	17,087	21,111	18,988	10,973	133,814
1993	5,298	5,209	5,762	5,798	5,269	5,639	4,625	17,625	21,867	24,527	24,442	22,235	148,294
1994	5,968	5,133	5,801	5,806	5,263	5,771	10,072	19,496	21,708	23,798	24,777	14,251	147,841
1995	5,139	4,520	4,023	4,493	4,241	5,081	5,474	18,640	21,681	23,434	21,204	17,034	134,963
1996	4,034	4,220	4,689	4,514	5,408	3,729	6,615	18,714	19,655	24,919	22,185	17,857	136,537
1997	5,135	5,155	5,713	5,752	5,104	5,201	8,872	17,053	24,674	27,668	27,668	21,977	159,970
1998	7,467	4,512	5,111	5,679	4,482	5,596	2,592	16,670	22,158	27,013	22,626	20,131	144,037
1999	6,079	4,524	5,098	5,686	3,440	3,243	2,613	16,659	22,136	26,803	21,680	19,879	137,840
Average	6,737	4,566	4,919	5,364	4,786	4,836	5,708	17,567	21,945	24,751	23,179	18,406	142,765
Maximum	9,598	5,642	5,950	5,911	5,476	6,605	11,371	22,782	26,776	27,669	27,668	25,774	160,654
Minimum	4,034	2,448	3,199	3,925	2,243	5	989	8,671	13,526	20,487	18,646	10,973	118,122

P-7e
Bonneville Unit Operations (cfs)
Diversions into Olmsted Aqueduct
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	99	67	68	80	81	74	66	252	330	350	308	243	169
1951	121	61	62	94	92	57	89	261	358	390	342	299	186
1952	99	67	68	80	78	74	66	252	330	350	308	243	167
1953	121	61	62	94	92	57	89	261	358	390	342	299	182
1954	117	70	69	64	74	55	19	254	331	342	317	286	220
1955	111	71	70	95	95	64	97	278	357	348	333	254	220
1956	124	68	85	95	92	92	165	371	327	450	418	340	211
1957	156	84	87	90	88	90	117	328	429	450	382	332	191
1958	134	82	77	88	96	93	126	311	427	420	350	323	186
1959	135	85	81	96	96	88	83	247	349	395	341	290	221
1960	127	76	75	87	91	88	61	173	411	395	357	284	221
1961	149	81	86	90	91	89	163	332	443	429	379	309	181
1962	141	82	90	89	93	88	69	317	424	401	450	409	197
1963	102	85	93	86	86	107	171	325	227	333	324	216	219
1964	151	91	90	86	86	88	50	279	384	369	345	330	196
1965	131	85	90	96	95	93	166	321	439	438	363	302	180
1966	144	81	81	85	96	86	120	186	378	395	360	343	194
1967	121	75	61	69	74	75	69	308	368	357	303	270	204
1968	92	65	62	69	68	49	120	348	382	399	359	302	193
1969	129	80	75	95	95	94	142	329	346	391	356	302	183
1970	119	73	77	95	98	77	98	303	352	392	334	294	196
1971	116	61	65	92	94	64	39	277	350	390	346	293	173
1972	114	68	77	95	92	96	124	272	367	382	358	291	163
1973	109	41	52	74	69	55	91	295	332	358	321	275	191
1974	106	51	54	77	67	0	52	270	332	375	307	260	211
1975	102	58	66	94	94	74	64	279	350	412	370	323	211
1976	117	90	96	96	86	94	75	322	374	439	410	314	206
1977	104	95	95	95	95	95	140	287	308	399	450	356	196
1978	140	78	88	94	98	91	37	308	432	383	375	351	213
1979	109	89	95	96	96	95	54	229	311	421	411	333	212
1980	98	85	88	84	82	73	107	320	392	450	415	350	195
1981	79	88	97	86	96	94	73	295	450	425	429	323	201
1982	100	74	81	95	99	96	117	276	332	418	407	241	205
1983	104	74	80	96	96	96	135	289	438	357	347	298	193
1984	89	76	73	92	91	85	44	321	347	450	446	335	201
1985	83	71	80	93	74	59	17	141	395	450	450	400	210
1986	124	66	72	64	40	53	33	235	388	450	450	433	205
1987	129	79	93	94	79	56	38	252	438	450	448	358	201
1988	107	73	83	92	67	74	59	274	408	450	423	336	201
1989	84	90	91	90	73	61	154	303	289	334	450	381	204
1990	87	85	83	95	92	87	189	340	268	427	419	235	188
1991	69	80	81	84	83	82	191	297	430	379	401	264	180
1992	101	69	70	66	81	68	41	282	383	420	347	322	184
1993	74	80	77	74	75	81	69	205	390	423	363	243	205
1994	96	93	95	82	77	102	175	365	287	343	309	184	204
1995	86	88	94	94	95	92	78	287	367	399	398	374	186
1996	97	86	94	94	91	94	169	317	365	387	403	240	188
1997	84	76	65	73	76	83	92	303	364	381	345	286	221
1998	66	71	76	73	97	61	111	304	330	405	361	300	199
1999	84	87	93	94	92	85	149	277	415	450	450	369	190
Average	110	76	79	87	86	78	97	285	368	400	376	307	197
Maximum	156	95	97	96	99	107	191	371	450	450	450	433	221
Minimum	66	41	52	64	40	0	17	141	227	333	303	184	163

P-7f
Bonneville Unit Operations (acre-feet)
Diversions into Olmsted Aqueduct
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	3,775	4,000	4,200	3,200	2,600	2,800	1,200	4,880	7,259	11,359	13,259	9,359	67,889
1951	5,580	3,600	3,700	4,100	3,400	3,300	2,300	4,580	8,659	13,159	12,259	9,559	74,194
1952	5,380	4,100	4,100	3,100	2,500	3,400	500	4,480	7,159	10,059	11,559	8,959	65,294
1953	4,996	4,200	3,600	3,900	3,700	3,900	3,400	6,880	7,765	12,260	13,260	10,061	77,921
1954	5,774	4,000	4,200	4,500	3,800	4,200	4,800	8,769	14,243	19,438	17,338	12,938	103,998
1955	7,757	4,800	4,700	5,000	4,300	5,300	6,500	9,282	11,367	17,863	16,163	14,763	107,794
1956	7,507	4,700	4,000	3,800	4,300	3,700	4,600	6,338	10,381	16,576	15,076	14,677	95,655
1957	6,480	5,000	4,700	4,900	4,300	4,600	4,500	6,680	7,259	11,959	12,959	9,559	82,894
1958	5,980	4,500	4,400	4,500	3,900	3,400	3,200	4,480	9,459	14,459	14,159	9,959	82,394
1959	7,313	4,700	4,500	4,800	4,200	5,100	6,200	11,013	12,626	19,025	17,125	12,225	108,825
1960	7,013	4,700	5,100	4,800	4,200	3,800	2,400	8,213	12,226	19,325	23,925	19,625	115,324
1961	5,413	5,000	4,900	5,300	4,500	6,600	9,500	12,712	9,725	19,725	18,725	9,925	112,023
1962	9,249	5,300	5,500	5,300	4,300	5,400	1,100	6,174	9,252	11,747	13,747	13,047	90,115
1963	6,211	5,000	5,100	5,100	4,300	5,300	7,400	6,955	11,415	15,710	16,010	11,511	100,011
1964	7,026	4,700	5,000	4,100	4,200	4,500	6,700	4,688	9,180	11,976	13,976	13,876	89,919
1965	6,080	4,400	3,700	2,600	1,800	3,100	3,000	5,980	9,159	10,659	10,659	7,959	69,094
1966	3,804	3,800	3,800	4,200	3,800	3,000	2,100	6,715	11,935	18,231	16,031	11,131	88,545
1967	6,080	4,600	4,600	4,500	4,100	4,000	6,100	7,480	8,059	11,659	12,759	9,059	82,994
1968	5,480	4,300	4,600	4,600	3,600	3,800	5,100	6,480	7,459	12,359	11,659	8,759	78,194
1969	5,280	3,600	4,000	3,800	3,500	3,900	1,500	4,580	8,959	11,859	12,459	8,759	72,194
1970	5,175	3,900	4,200	4,000	3,300	4,400	5,700	6,675	8,342	12,651	13,351	8,251	79,943
1971	4,880	2,400	3,100	2,400	1,800	1,600	600	5,880	7,559	11,959	12,359	8,259	62,794
1972	4,680	3,000	3,200	2,500	1,700	0	100	4,479	7,959	13,959	12,859	9,059	63,494
1973	4,580	3,400	3,900	3,900	3,800	2,900	3,400	5,480	8,359	12,559	12,859	8,559	73,694
1974	5,069	5,331	5,331	5,331	4,407	4,817	3,477	7,292	10,205	15,000	16,837	11,831	94,926
1975	5,006	5,594	5,299	5,397	4,514	5,594	7,570	8,797	4,625	10,516	18,282	9,817	91,010
1976	6,029	4,514	4,710	4,612	3,695	3,533	701	5,069	8,630	15,914	15,535	14,233	87,173
1977	5,395	5,103	5,103	4,808	4,167	3,729	2,762	8,013	13,141	19,937	18,675	14,822	105,653
1978	5,886	4,416	4,612	4,710	4,318	4,514	5,901	8,307	9,607	17,484	17,105	12,172	99,030
1979	2,941	4,710	4,808	4,808	3,631	3,631	3,841	5,855	10,393	16,895	17,693	11,976	91,179
1980	4,739	4,122	4,122	4,514	3,695	4,907	5,313	5,016	7,151	11,687	14,841	9,712	79,817
1981	3,971	4,220	4,514	4,514	3,964	4,612	7,079	7,276	9,017	11,987	13,178	9,521	83,851
1982	3,971	4,318	4,122	4,122	3,435	3,238	1,486	7,178	8,625	13,656	15,042	9,913	79,104
1983	3,662	4,122	4,122	4,514	4,122	3,631	504	5,707	9,809	15,522	16,615	11,388	83,718
1984	4,904	3,533	3,435	3,925	2,180	3,238	1,486	6,639	9,411	13,951	16,516	13,448	82,664
1985	5,109	4,318	4,318	4,612	4,371	3,435	1,780	7,808	11,265	18,645	17,383	11,666	94,709
1986	4,632	4,023	4,416	4,612	3,827	4,514	3,055	9,142	10,594	18,171	15,829	10,308	93,122
1987	3,174	5,201	5,005	4,710	4,023	3,729	4,724	5,263	9,020	12,868	20,733	16,388	94,836
1988	3,325	4,710	4,710	5,103	4,472	4,612	6,000	11,206	6,676	18,963	18,290	8,843	96,909
1989	2,990	4,612	4,612	4,710	4,268	5,005	6,098	8,551	13,629	16,795	16,711	10,797	98,777
1990	4,966	3,533	3,435	3,925	2,180	3,238	1,486	6,444	9,024	13,559	16,124	13,056	80,968
1991	3,873	4,416	4,318	4,416	3,827	3,336	3,644	4,922	8,820	14,735	14,945	9,816	81,066
1992	5,199	4,736	4,642	5,020	4,263	6,252	9,502	12,663	8,943	19,422	18,979	9,636	109,256
1993	4,948	5,201	5,397	5,201	4,220	5,299	1,583	6,688	8,820	12,282	14,748	13,054	87,439
1994	4,040	4,907	5,005	5,005	4,220	5,201	7,766	7,281	10,601	15,823	16,621	11,199	97,667
1995	4,462	4,318	3,631	2,551	1,829	3,043	3,449	6,393	8,526	11,006	11,510	7,853	68,569
1996	2,107	4,220	4,514	4,514	3,533	3,729	5,509	6,884	6,858	12,674	12,491	8,638	75,669
1997	3,201	4,907	5,005	5,005	4,220	5,201	7,766	7,686	11,411	16,634	17,432	12,010	100,477
1998	5,178	4,318	4,122	4,122	3,435	3,238	1,486	7,304	8,881	13,227	11,950	10,164	77,424
1999	3,890	4,318	4,122	4,122	3,435	3,238	1,486	7,293	8,860	13,206	11,928	10,143	76,039
Average	5,083	4,388	4,404	4,355	3,683	4,010	3,947	7,011	9,366	14,622	15,210	11,045	87,125
Maximum	9,249	5,594	5,500	5,397	4,514	6,600	9,502	12,712	14,243	19,937	23,925	19,625	115,324
Minimum	2,107	2,400	3,100	2,400	1,700	0	100	4,479	4,625	10,059	10,659	7,853	62,794

P-7f
Bonneville Unit Operations (cfs)
Diversions into Olmsted Aqueduct
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	61	67	68	52	47	46	20	79	122	185	216	157	94
1951	91	61	60	67	61	54	39	74	146	214	199	161	102
1952	87	69	67	50	43	55	8	73	120	164	188	151	90
1953	81	71	59	63	67	63	57	112	130	199	216	169	108
1954	94	67	68	73	68	68	81	143	239	316	282	217	144
1955	126	81	76	81	77	86	109	151	191	291	263	248	149
1956	122	79	65	62	75	60	77	103	174	270	245	247	132
1957	105	84	76	80	77	75	76	109	122	195	211	161	115
1958	97	76	72	73	70	55	54	73	159	235	230	167	114
1959	119	79	73	78	76	83	104	179	212	309	279	205	150
1960	114	79	83	78	73	62	40	134	205	314	389	330	159
1961	88	84	80	86	81	107	160	207	163	321	305	167	155
1962	150	89	89	86	77	88	18	100	155	191	224	219	124
1963	101	84	83	83	77	86	124	113	192	256	260	193	138
1964	114	79	81	67	73	73	113	76	154	195	227	233	124
1965	99	74	60	42	32	50	50	97	154	173	173	134	95
1966	62	64	62	68	68	49	35	109	201	297	261	187	122
1967	99	77	75	73	74	65	103	122	135	190	208	152	115
1968	89	72	75	75	63	62	86	105	125	201	190	147	108
1969	86	61	65	62	63	63	25	74	151	193	203	147	100
1970	84	66	68	65	59	72	96	109	140	206	217	139	110
1971	79	40	50	39	32	26	10	96	127	195	201	139	87
1972	76	50	52	41	30	0	2	73	134	227	209	152	87
1973	74	57	63	63	68	47	57	89	140	204	209	144	102
1974	82	90	87	87	79	78	58	119	172	244	274	199	131
1975	81	94	86	88	81	91	127	143	78	171	297	165	126
1976	98	76	77	75	64	57	12	82	145	259	253	239	120
1977	88	86	83	78	75	61	46	130	221	324	304	249	146
1978	96	74	75	77	78	73	99	135	161	284	278	205	137
1979	48	79	78	78	65	59	65	95	175	275	288	201	126
1980	77	69	67	73	64	80	89	82	120	190	241	163	110
1981	65	71	73	73	71	75	119	118	152	195	214	160	116
1982	65	73	67	67	62	53	25	117	145	222	245	167	109
1983	60	69	67	73	74	59	8	93	165	252	270	191	116
1984	80	59	56	64	38	53	25	108	158	227	269	226	114
1985	83	73	70	75	79	56	30	127	189	303	283	196	131
1986	75	68	72	75	69	73	51	149	178	296	257	173	129
1987	52	87	81	77	72	61	79	86	152	209	337	275	131
1988	54	79	77	83	78	75	101	182	112	308	297	149	133
1989	49	78	75	77	77	81	102	139	229	273	272	181	136
1990	81	59	56	64	39	53	25	105	152	221	262	219	112
1991	63	74	70	72	69	54	61	80	148	240	243	165	112
1992	85	80	75	82	74	102	160	206	150	316	309	162	151
1993	80	87	88	85	76	86	27	109	148	200	240	219	121
1994	66	82	81	81	76	85	131	118	178	257	270	188	135
1995	73	73	59	41	33	49	58	104	143	179	187	132	95
1996	34	71	73	73	61	61	93	112	115	206	203	145	104
1997	52	82	81	81	76	85	131	125	192	271	284	202	139
1998	84	73	67	67	62	53	25	119	149	215	194	171	107
1999	63	73	67	67	62	53	25	119	149	215	194	170	105
Average	83	74	72	71	66	65	66	114	157	238	247	186	120
Maximum	150	94	89	88	81	107	160	207	239	324	389	330	159
Minimum	34	40	50	39	30	0	2	73	78	164	173	132	87

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Bonneville Unit Operations (acre-feet)

Undiverted Water at Olmsted for ULS Supplement of Provo River

CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
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
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0	0
Average	0	0	0	0	0	0	0	0	0	0	0	0	0
Maximum	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0

P-7f-i

Bonneville Unit Operations (cfs)

Undiverted Water at Olmsted for ULS Supplement of Provo River

CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
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
1974	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0	0	0
Average	0	0	0	0	0	0	0	0	0	0	0	0	0
Maximum	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0

P-7g
Bonneville Unit Operations (acre-feet)
Diversions into Olmsted Aqueduct
Ap 40524

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	0	795	1,015	1,353	1,222	1,353	0	1,015	995	0	0	0	7,747
1951	0	795	1,015	1,353	1,222	1,353	1,309	1,215	995	0	0	0	9,256
1952	815	795	915	1,353	1,265	1,353	1,214	915	995	0	0	0	9,620
1953	0	895	1,215	1,353	1,222	1,353	1,309	0	1,195	0	0	0	8,541
1954	0	895	1,353	1,353	1,222	1,134	0	0	0	0	0	0	5,956
1955	0	895	1,178	941	754	946	963	0	0	0	0	0	5,677
1956	0	795	1,315	907	1,043	1,149	0	0	0	0	0	0	5,208
1957	0	795	1,015	1,353	1,222	860	1,309	0	0	0	0	0	6,553
1958	0	795	1,015	830	1,222	955	1,309	0	0	0	0	0	6,126
1959	0	895	1,353	961	946	958	0	0	0	0	0	0	5,113
1960	0	895	1,011	938	901	918	0	0	0	0	0	0	4,662
1961	0	509	1,109	601	828	657	0	0	0	0	0	0	3,704
1962	0	135	453	518	888	801	1,095	0	0	0	0	0	3,890
1963	0	895	988	1,353	1,222	1,235	0	0	0	0	0	0	5,692
1964	0	895	514	643	1,015	701	351	0	0	0	0	0	4,118
1965	0	795	1,015	1,353	1,222	1,353	1,309	0	0	0	0	0	7,046
1966	0	895	1,315	1,353	1,222	1,353	0	306	0	0	0	0	6,443
1967	0	795	1,015	1,353	1,222	1,353	0	0	0	0	0	0	5,737
1968	0	795	1,015	1,353	1,265	1,353	1,309	0	1,195	0	0	0	8,285
1969	0	795	1,015	1,353	1,222	1,353	1,309	1,215	1,195	0	0	0	9,456
1970	616	795	1,353	1,353	1,222	1,353	0	0	1,309	0	0	0	8,001
1971	0	695	1,353	1,353	1,222	941	0	1,315	695	0	0	0	7,573
1972	0	695	1,353	1,353	1,136	738	814	1,353	695	0	0	0	8,136
1973	0	695	1,353	1,353	1,222	1,353	1,309	1,015	695	0	0	0	8,994
1974	0	818	1,353	1,353	843	1,353	1,309	1,353	1,309	0	0	0	9,691
1975	0	885	1,353	1,353	1,222	1,353	1,309	0	714	1,353	0	0	9,541
1976	0	788	1,353	1,353	1,265	1,353	1,309	1,353	0	0	0	0	8,774
1977	230	885	1,353	1,353	1,222	1,317	0	0	0	0	0	0	6,360
1978	0	779	828	837	1,107	1,353	1,309	0	0	0	0	0	6,213
1979	0	910	1,353	716	1,222	1,353	1,309	1,353	0	0	0	0	8,215
1980	0	788	1,353	1,353	1,265	1,353	1,309	1,353	1,176	0	0	0	9,950
1981	0	788	1,002	1,353	1,222	1,353	1,189	0	0	0	0	0	6,906
1982	808	788	835	1,154	1,222	1,353	1,309	1,293	1,176	1,353	0	0	11,290
1983	808	885	1,293	1,353	1,222	1,353	1,218	1,353	1,309	1,353	0	0	12,146
1984	808	885	1,353	1,353	1,265	1,353	1,309	1,353	1,309	1,353	0	0	12,340
1985	314	885	1,353	1,353	1,222	1,353	1,309	1,353	1,309	0	0	0	10,450
1986	808	885	1,293	1,353	1,222	1,353	1,309	1,353	1,176	1,353	0	0	12,104
1987	808	885	1,196	1,353	1,222	1,353	1,309	1,353	0	0	0	0	9,478
1988	0	788	924	1,263	829	790	0	0	0	0	0	0	4,593
1989	0	512	631	545	485	602	0	0	0	0	0	0	2,775
1990	0	885	1,353	1,353	931	1,353	0	0	0	0	0	0	5,875
1991	0	788	444	0	110	457	564	0	0	0	0	0	2,362
1992	0	1,309	1,353	1,353	1,265	1,353	0	0	0	0	0	0	6,633
1993	518	788	1,293	1,353	1,222	1,353	1,309	1,196	0	0	0	0	9,031
1994	905	885	1,353	1,353	1,222	1,353	0	0	0	0	0	0	7,070
1995	808	788	1,002	1,353	1,222	1,353	1,309	0	0	0	0	0	7,834
1996	808	788	1,002	0	1,265	1,353	1,309	1,293	1,176	0	0	0	8,994
1997	0	885	1,353	1,353	1,222	1,353	1,309	1,353	1,309	0	0	0	10,136
1998	343	885	1,353	1,353	571	1,353	1,309	1,293	1,176	1,353	0	0	10,988
1999	808	885	1,353	1,353	1,222	1,353	1,309	1,293	1,176	0	0	0	10,751
Average	204	813	1,139	1,164	1,109	1,196	803	565	486	162	0	0	7,641
Maximum	905	1,309	1,353	1,353	1,265	1,353	1,309	1,353	1,309	1,353	0	0	12,340
Minimum	0	135	444	0	110	457	0	0	0	0	0	0	2,362

P-7g
Bonneville Unit Operations (cfs)
Diversions into Olmsted Aqueduct
Ap 40524

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	0	13	17	22	22	22	0	17	17	0	0	0	11
1951	0	13	17	22	22	22	22	20	17	0	0	0	13
1952	13	13	15	22	22	22	20	15	17	0	0	0	13
1953	0	15	20	22	22	22	22	0	20	0	0	0	12
1954	0	15	22	22	22	18	0	0	0	0	0	0	8
1955	0	15	19	15	14	15	16	0	0	0	0	0	8
1956	0	13	21	15	18	19	0	0	0	0	0	0	7
1957	0	13	17	22	22	14	22	0	0	0	0	0	9
1958	0	13	17	13	22	16	22	0	0	0	0	0	8
1959	0	15	22	16	17	16	0	0	0	0	0	0	7
1960	0	15	16	15	16	15	0	0	0	0	0	0	6
1961	0	9	18	10	15	11	0	0	0	0	0	0	5
1962	0	2	7	8	16	13	18	0	0	0	0	0	5
1963	0	15	16	22	22	20	0	0	0	0	0	0	8
1964	0	15	8	10	18	11	6	0	0	0	0	0	6
1965	0	13	17	22	22	22	22	0	0	0	0	0	10
1966	0	15	21	22	22	22	0	5	0	0	0	0	9
1967	0	13	17	22	22	22	0	0	0	0	0	0	8
1968	0	13	17	22	22	22	22	0	20	0	0	0	11
1969	0	13	17	22	22	22	22	20	20	0	0	0	13
1970	10	13	22	22	22	22	0	0	22	0	0	0	11
1971	0	12	22	22	22	15	0	21	12	0	0	0	10
1972	0	12	22	22	20	12	14	22	12	0	0	0	11
1973	0	12	22	22	22	22	22	17	12	0	0	0	12
1974	0	14	22	22	15	22	22	22	22	0	0	0	13
1975	0	15	22	22	22	22	22	0	12	22	0	0	13
1976	0	13	22	22	22	22	22	22	0	0	0	0	12
1977	4	15	22	22	22	21	0	0	0	0	0	0	9
1978	0	13	13	14	20	22	22	0	0	0	0	0	9
1979	0	15	22	12	22	22	22	22	0	0	0	0	11
1980	0	13	22	22	22	22	22	22	20	0	0	0	14
1981	0	13	16	22	22	22	20	0	0	0	0	0	10
1982	13	13	14	19	22	22	22	21	20	22	0	0	16
1983	13	15	21	22	22	22	20	22	22	22	0	0	17
1984	13	15	22	22	22	22	22	22	22	22	0	0	17
1985	5	15	22	22	22	22	22	22	22	0	0	0	14
1986	13	15	21	22	22	22	22	22	20	22	0	0	17
1987	13	15	19	22	22	22	22	22	0	0	0	0	13
1988	0	13	15	21	14	13	0	0	0	0	0	0	6
1989	0	9	10	9	9	10	0	0	0	0	0	0	4
1990	0	15	22	22	17	22	0	0	0	0	0	0	8
1991	0	13	7	0	2	7	9	0	0	0	0	0	3
1992	0	22	22	22	22	22	0	0	0	0	0	0	9
1993	8	13	21	22	22	22	22	19	0	0	0	0	12
1994	15	15	22	22	22	22	0	0	0	0	0	0	10
1995	13	13	16	22	22	22	22	0	0	0	0	0	11
1996	13	13	16	0	22	22	22	21	20	0	0	0	12
1997	0	15	22	22	22	22	22	22	22	0	0	0	14
1998	6	15	22	22	10	22	22	21	20	22	0	0	15
1999	13	15	22	22	22	22	22	21	20	0	0	0	15
Average	3	14	19	19	20	19	13	9	8	3	0	0	11
Maximum	15	22	22	22	22	22	22	22	22	22	0	0	17
Minimum	0	2	7	0	2	7	0	0	0	0	0	0	3

P-7h
Bonneville Unit Operations (acre-feet)
Diversions into Olmsted Aqueduct
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	1,351	5	5	1,746	1,890	1,740	435	1,302	2,149	2,652	2,694	1,679	17,649
1951	1,114	48	125	1,691	1,729	213	435	1,302	2,120	3,113	3,238	2,069	17,196
1952	1,114	48	147	838	1,598	6	436	1,302	2,083	2,342	2,431	1,490	13,834
1953	1,114	48	724	1,953	1,602	5	435	1,300	2,005	3,582	3,729	2,421	18,918
1954	1,114	48	1,035	1,342	1,466	1,446	435	1,327	2,183	3,463	3,799	2,471	20,129
1955	1,114	195	644	511	575	206	435	1,326	2,007	3,066	4,027	1,688	15,792
1956	0	202	705	1,606	1,012	1,989	435	1,325	2,174	3,392	3,518	2,270	18,629
1957	1,114	48	286	1,011	1,021	795	435	1,347	2,007	3,750	3,904	2,547	18,265
1958	1,114	48	181	848	1,335	2,005	435	1,410	2,011	3,683	3,834	2,496	19,400
1959	1,114	101	805	708	868	372	435	1,417	2,093	3,817	3,974	2,597	18,301
1960	1,114	203	451	671	972	1,619	435	1,337	2,051	4,018	2,472	2,748	18,093
1961	0	45	814	5	266	5	21	1,421	2,089	0	0	0	4,667
1962	0	107	6	6	642	6	435	1,302	2,112	3,951	4,114	2,698	15,379
1963	1,114	48	424	787	949	442	435	1,377	2,009	3,767	3,922	2,559	17,833
1964	1,114	99	6	1,118	1,119	786	435	1,302	2,121	3,834	3,992	2,610	18,536
1965	1,114	48	25	1,650	2,301	1,488	435	1,346	2,039	2,392	2,484	1,528	16,849
1966	1,114	94	0	65	126	6	435	1,300	2,005	3,365	3,501	2,258	14,269
1967	1,114	154	6	1,338	1,201	1,778	435	1,337	2,034	3,499	3,641	2,358	18,894
1968	1,114	48	162	1,233	1,851	918	435	1,317	2,006	3,230	3,361	2,157	17,831
1969	1,114	48	0	1,876	1,713	66	414	1,338	2,146	3,197	3,325	2,131	17,368
1970	1,114	161	557	1,861	2,006	1,477	435	1,252	2,004	3,666	3,816	2,484	20,833
1971	1,114	48	99	2,175	2,020	1,780	435	1,302	2,157	2,411	2,466	1,515	17,521
1972	1,114	48	90	2,227	2,008	5	435	1,293	2,109	2,426	2,519	1,553	15,826
1973	1,114	48	162	1,882	1,434	1,651	435	1,312	2,086	3,163	3,290	2,106	18,683
1974	1,114	48	555	577	559	984	485	1,391	2,321	4,480	4,667	3,094	20,274
1975	1,250	48	531	453	776	223	485	1,470	2,204	4,480	1,795	3,094	16,808
1976	1,250	119	717	1,160	1,734	2,038	485	1,412	2,302	4,480	4,667	3,094	23,457
1977	1,250	183	766	1,090	1,190	2,130	464	1,357	2,428	4,480	4,667	3,094	23,097
1978	0	642	802	443	395	0	464	1,498	2,206	2,582	4,667	3,094	16,792
1979	1,250	547	1,142	450	1,682	2,136	485	1,454	1,936	4,480	4,667	3,094	23,321
1980	1,250	293	877	1,321	1,781	1,011	485	1,385	2,430	4,480	4,667	3,094	23,073
1981	1,250	186	392	1,376	1,353	1,260	485	1,490	2,205	4,480	4,667	3,094	22,236
1982	1,250	193	392	1,519	1,824	1,965	491	1,437	2,321	2,610	4,667	3,094	21,763
1983	1,250	125	826	1,193	0	1	485	1,357	2,200	1,507	2,281	3,094	14,318
1984	1,250	383	1,004	0	64	0	464	1,479	2,205	2,537	2,441	3,094	14,921
1985	1,250	384	1,406	1,168	5	0	490	1,384	2,284	119	4,667	3,094	16,251
1986	1,250	297	678	1,061	0	21	464	1,360	2,202	592	4,667	3,094	15,684
1987	1,250	136	561	813	5	6	485	1,494	2,322	4,480	2,770	3,094	17,415
1988	1,250	363	392	753	629	755	485	1,457	2,207	4,480	4,667	3,094	20,532
1989	1,250	154	392	436	369	43	485	1,476	2,206	4,480	4,667	3,094	19,050
1990	1,250	558	877	128	2,455	946	485	1,369	2,206	4,480	190	0	14,942
1991	0	369	392	146	313	1,658	22	1,461	2,204	4,480	4,667	114	15,825
1992	0	784	1,172	5	0	11	21	1,531	1,512	0	0	0	5,037
1993	0	8	365	597	1,049	340	1,614	1,357	2,200	4,480	4,667	3,094	19,769
1994	1,250	226	796	801	1,043	570	485	1,455	2,205	4,480	4,667	995	18,971
1995	0	202	392	1,942	2,413	2,038	1,120	1,357	2,200	4,662	4,667	3,094	24,086
1996	1,250	0	175	0	1,875	0	464	1,463	2,439	4,480	4,667	3,132	19,943
1997	1,256	248	708	747	884	0	464	1,357	2,200	2,049	4,227	3,094	17,232
1998	1,349	194	989	1,557	1,048	2,358	464	1,357	2,200	4,480	4,667	3,094	23,755
1999	1,250	206	977	1,564	5	6	485	1,357	2,200	4,480	4,667	3,094	20,288
Average	997	178	515	1,009	1,103	826	466	1,377	2,147	3,372	3,608	2,393	17,991
Maximum	1,351	784	1,406	2,227	2,455	2,358	1,614	1,531	2,439	4,662	4,667	3,132	24,086
Minimum	0	0	0	0	0	0	21	1,252	1,512	0	0	0	4,667

P-7h
Bonneville Unit Operations (cfs)
Diversions into Olmsted Aqueduct
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	22	0	0	28	34	28	7	21	36	43	44	28	24
1951	18	1	2	28	31	3	7	21	36	51	53	35	24
1952	18	1	2	14	28	0	7	21	35	38	40	25	19
1953	18	1	12	32	29	0	7	21	34	58	61	41	26
1954	18	1	17	22	26	24	7	22	37	56	62	42	28
1955	18	3	10	8	10	3	7	22	34	50	65	28	22
1956	0	3	11	26	18	32	7	22	37	55	57	38	26
1957	18	1	5	16	18	13	7	22	34	61	63	43	25
1958	18	1	3	14	24	33	7	23	34	60	62	42	27
1959	18	2	13	12	16	6	7	23	35	62	65	44	25
1960	18	3	7	11	17	26	7	22	34	65	40	46	25
1961	0	1	13	0	5	0	0	23	35	0	0	0	6
1962	0	2	0	0	12	0	7	21	36	64	67	45	21
1963	18	1	7	13	17	7	7	22	34	61	64	43	25
1964	18	2	0	18	19	13	7	21	36	62	65	44	26
1965	18	1	0	27	41	24	7	22	34	39	40	26	23
1966	18	2	0	1	2	0	7	21	34	55	57	38	20
1967	18	3	0	22	22	29	7	22	34	57	59	40	26
1968	18	1	3	20	32	15	7	21	34	53	55	36	25
1969	18	1	0	31	31	1	7	22	36	52	54	36	24
1970	18	3	9	30	36	24	7	20	34	60	62	42	29
1971	18	1	2	35	36	29	7	21	36	39	40	25	24
1972	18	1	1	36	35	0	7	21	35	39	41	26	22
1973	18	1	3	31	26	27	7	21	35	51	54	35	26
1974	18	1	9	9	10	16	8	23	39	73	76	52	28
1975	20	1	9	7	14	4	8	24	37	73	29	52	23
1976	20	2	12	19	30	33	8	23	39	73	76	52	32
1977	20	3	12	18	21	35	8	22	41	73	76	52	32
1978	0	11	13	7	7	0	8	24	37	42	76	52	23
1979	20	9	19	7	30	35	8	24	33	73	76	52	32
1980	20	5	14	21	31	16	8	23	41	73	76	52	32
1981	20	3	6	22	24	20	8	24	37	73	76	52	31
1982	20	3	6	25	33	32	8	23	39	42	76	52	30
1983	20	2	13	19	0	0	8	22	37	25	37	52	20
1984	20	6	16	0	1	0	8	24	37	41	40	52	21
1985	20	6	23	19	0	0	8	23	38	2	76	52	22
1986	20	5	11	17	0	0	8	22	37	10	76	52	22
1987	20	2	9	13	0	0	8	24	39	73	45	52	24
1988	20	6	6	12	11	12	8	24	37	73	76	52	28
1989	20	3	6	7	7	1	8	24	37	73	76	52	26
1990	20	9	14	2	44	15	8	22	37	73	3	0	21
1991	0	6	6	2	6	27	0	24	37	73	76	2	22
1992	0	13	19	0	0	0	0	25	25	0	0	0	7
1993	0	0	6	10	19	6	27	22	37	73	76	52	27
1994	20	4	13	13	19	9	8	24	37	73	76	17	26
1995	0	3	6	32	43	33	19	22	37	76	76	52	33
1996	20	0	3	0	33	0	8	24	41	73	76	53	27
1997	20	4	12	12	16	0	8	22	37	33	69	52	24
1998	22	3	16	25	19	38	8	22	37	73	76	52	33
1999	20	3	16	25	0	0	8	22	37	73	76	52	28
Average	16	3	8	16	20	13	8	22	36	55	59	40	25
Maximum	22	13	23	36	44	38	27	25	41	76	76	53	33
Minimum	0	0	0	0	0	0	0	20	25	0	0	0	6

P-7i
Bonneville Unit Operations (acre-feet)
Diversions into Olmsted Aqueduct
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	940	0	0	0	0	0	2,301	9,290	10,238	7,480	2,970	3,415	36,635
1951	727	0	0	0	0	0	2,583	10,139	10,523	7,726	5,503	6,183	43,383
1952	727	0	0	0	0	0	188	9,860	10,464	8,597	5,503	6,569	41,907
1953	727	0	0	0	0	0	1,931	8,900	11,502	5,583	3,479	2,615	34,737
1954	727	0	0	0	0	0	4,609	12,686	3,037	4,768	4,554	4,836	35,217
1955	727	0	0	0	0	0	0	9,575	12,140	6,740	3,312	3,295	35,788
1956	727	0	0	0	0	0	2,484	11,453	12,823	5,868	2,942	2,267	38,564
1957	727	0	0	0	0	0	0	7,187	11,503	8,577	4,090	5,142	37,225
1958	727	0	0	0	0	0	0	4,766	13,011	6,161	3,981	4,437	33,083
1959	727	0	0	0	0	0	3,083	7,998	11,666	3,512	2,184	3,593	32,764
1960	553	0	0	0	0	0	1,251	9,956	10,957	1,314	1,271	1,935	27,237
1961	836	0	0	0	0	0	681	5,871	1,711	762	1,221	2,941	14,023
1962	37	0	0	0	0	0	1,445	9,677	11,477	6,976	3,373	3,896	36,880
1963	727	0	0	0	0	0	2,024	11,382	12,727	7,472	2,376	3,917	40,624
1964	690	0	0	0	0	0	0	5,459	11,182	8,477	4,139	3,911	33,858
1965	261	0	0	0	0	0	666	11,597	10,698	8,905	5,503	6,569	44,198
1966	727	0	0	0	0	0	4,599	13,393	8,780	2,950	2,530	4,572	37,550
1967	727	0	0	0	0	0	1,927	11,383	10,503	8,905	5,503	6,569	45,516
1968	727	0	0	0	0	0	284	10,803	11,503	8,510	5,503	6,569	43,899
1969	727	0	0	0	0	0	386	11,090	9,708	8,905	5,503	6,569	42,886
1970	727	0	0	0	0	0	1,238	8,806	11,499	7,155	4,821	6,553	40,798
1971	727	0	0	0	0	0	4,399	10,959	10,051	7,643	4,936	6,569	45,284
1972	727	0	0	0	0	0	2,579	10,831	9,664	6,686	3,486	4,829	38,802
1973	566	0	0	0	0	0	0	10,351	10,351	9,584	6,630	8,535	46,017
1974	1,024	0	0	0	0	0	493	11,109	9,705	7,507	3,687	3,755	37,280
1975	122	0	0	0	0	0	292	7,369	11,503	9,547	7,591	8,259	44,683
1976	1,311	0	0	0	0	0	1,007	12,448	14,784	3,129	2,885	3,530	39,095
1977	30	0	0	0	0	0	0	4,695	2,910	1,490	1,901	1,907	12,934
1978	124	0	0	0	0	0	0	9,865	11,503	7,603	3,745	5,566	38,405
1979	684	0	0	0	0	0	0	10,831	14,448	4,782	4,011	4,141	38,897
1980	140	0	0	0	0	0	1,141	10,543	10,199	9,528	5,531	1,518	38,600
1981	1,174	0	0	0	0	0	479	9,009	14,838	5,504	3,509	5,101	39,614
1982	259	0	0	0	0	0	666	11,098	9,703	11,402	7,691	6,949	47,769
1983	174	0	0	0	0	0	0	1,607	11,499	10,639	8,772	9,327	42,017
1984	1,460	0	0	0	0	0	0	6,319	11,498	11,181	8,711	9,232	48,401
1985	1,580	0	0	0	0	0	0	6,319	12,485	8,905	5,503	6,569	41,360
1986	727	0	0	0	0	0	0	6,319	11,504	8,905	5,503	6,569	39,526
1987	727	0	0	0	0	0	3,932	11,880	5,827	3,204	4,166	3,177	32,911
1988	747	0	0	0	0	0	4,788	8,235	7,037	2,808	2,792	2,056	28,463
1989	15	0	0	0	0	0	4,788	8,235	9,757	2,043	3,302	1,819	29,959
1990	15	0	0	0	0	0	446	9,516	11,576	7,765	5,027	6,087	40,432
1991	678	0	0	0	0	0	446	6,241	12,165	6,800	2,696	4,533	33,559
1992	678	0	0	0	0	0	904	8,272	6,631	1,689	9	1,337	19,520
1993	350	0	0	0	0	0	1,428	9,581	10,847	7,765	5,027	6,087	41,086
1994	678	0	0	0	0	0	1,821	10,760	8,902	3,496	3,490	2,057	31,204
1995	678	0	0	0	0	0	904	10,891	10,955	7,765	5,027	6,087	42,307
1996	678	0	0	0	0	0	642	10,367	10,359	7,765	5,027	6,087	40,925
1997	678	0	0	0	0	0	642	8,010	11,062	8,986	6,010	6,873	42,261
1998	940	0	0	0	0	0	642	8,010	11,077	9,306	6,010	6,873	42,857
1999	940	0	0	0	0	0	642	8,010	11,076	9,118	5,085	6,642	41,514
Average	657	0	0	0	0	0	1,295	9,179	10,431	6,758	4,360	4,968	37,649
Maximum	1,580	0	0	0	0	0	4,788	13,393	14,838	11,402	8,772	9,327	48,401
Minimum	15	0	0	0	0	0	0	1,607	1,711	762	9	1,337	12,934

P-7i
Bonneville Unit Operations (cfs)
Diversions into Olmsted Aqueduct
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	15	0	0	0	0	0	39	151	172	122	48	57	51
1951	12	0	0	0	0	0	43	165	177	126	89	104	60
1952	12	0	0	0	0	0	3	160	176	140	89	110	58
1953	12	0	0	0	0	0	32	145	193	91	57	44	48
1954	12	0	0	0	0	0	77	206	51	78	74	81	49
1955	12	0	0	0	0	0	0	156	204	110	54	55	49
1956	12	0	0	0	0	0	42	186	216	95	48	38	53
1957	12	0	0	0	0	0	0	117	193	139	67	86	51
1958	12	0	0	0	0	0	0	78	219	100	65	75	46
1959	12	0	0	0	0	0	52	130	196	57	36	60	45
1960	9	0	0	0	0	0	21	162	184	21	21	33	38
1961	14	0	0	0	0	0	11	95	29	12	20	49	19
1962	1	0	0	0	0	0	24	157	193	113	55	65	51
1963	12	0	0	0	0	0	34	185	214	122	39	66	56
1964	11	0	0	0	0	0	0	89	188	138	67	66	47
1965	4	0	0	0	0	0	11	189	180	145	89	110	61
1966	12	0	0	0	0	0	77	218	148	48	41	77	52
1967	12	0	0	0	0	0	32	185	177	145	89	110	63
1968	12	0	0	0	0	0	5	176	193	138	89	110	60
1969	12	0	0	0	0	0	6	180	163	145	89	110	59
1970	12	0	0	0	0	0	21	143	193	116	78	110	56
1971	12	0	0	0	0	0	74	178	169	124	80	110	63
1972	12	0	0	0	0	0	43	176	162	109	57	81	53
1973	9	0	0	0	0	0	0	168	174	156	108	143	64
1974	17	0	0	0	0	0	8	181	163	122	60	63	51
1975	2	0	0	0	0	0	5	120	193	155	123	139	62
1976	21	0	0	0	0	0	17	202	248	51	47	59	54
1977	0	0	0	0	0	0	0	76	49	24	31	32	18
1978	2	0	0	0	0	0	0	160	193	124	61	94	53
1979	11	0	0	0	0	0	0	176	243	78	65	70	54
1980	2	0	0	0	0	0	19	171	171	155	90	26	53
1981	19	0	0	0	0	0	8	147	249	90	57	86	55
1982	4	0	0	0	0	0	11	180	163	185	125	117	66
1983	3	0	0	0	0	0	0	26	193	173	143	157	58
1984	24	0	0	0	0	0	0	103	193	182	142	155	67
1985	26	0	0	0	0	0	0	103	210	145	89	110	57
1986	12	0	0	0	0	0	0	103	193	145	89	110	55
1987	12	0	0	0	0	0	66	193	98	52	68	53	45
1988	12	0	0	0	0	0	80	134	118	46	45	35	39
1989	0	0	0	0	0	0	80	134	164	33	54	31	41
1990	0	0	0	0	0	0	7	155	195	126	82	102	56
1991	11	0	0	0	0	0	7	102	204	111	44	76	46
1992	11	0	0	0	0	0	15	135	111	27	0	22	27
1993	6	0	0	0	0	0	24	156	182	126	82	102	57
1994	11	0	0	0	0	0	31	175	150	57	57	35	43
1995	11	0	0	0	0	0	15	177	184	126	82	102	58
1996	11	0	0	0	0	0	11	169	174	126	82	102	56
1997	11	0	0	0	0	0	11	130	186	146	98	116	58
1998	15	0	0	0	0	0	11	130	186	151	98	116	59
1999	15	0	0	0	0	0	11	130	186	148	83	112	57
Average	11	0	0	0	0	0	22	149	175	110	71	83	52
Maximum	26	0	0	0	0	0	80	218	249	185	143	157	67
Minimum	0	0	0	0	0	0	0	26	29	12	0	22	18

P-8a
Bonneville Unit Operations (acre-feet)
Provo River from Murdock to Interstate 15
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	5,311	4,292	6,134	4,271	2,750	3,439	16,900	48,307	53,171	16,478	14,036	13,399	188,489
1951	7,541	3,057	5,462	4,336	4,096	5,093	13,461	60,510	53,544	13,741	10,209	10,364	191,415
1952	4,295	3,009	4,528	4,184	2,727	17,526	48,452	88,346	70,510	14,556	10,571	9,737	278,442
1953	6,596	3,199	5,181	4,467	3,239	7,376	10,945	23,502	57,825	10,758	11,373	10,051	154,513
1954	7,333	4,087	3,135	2,564	2,529	2,057	10,413	13,230	8,921	9,836	9,556	8,125	81,786
1955	6,665	2,537	2,084	2,092	1,817	2,099	6,476	16,285	11,450	9,068	10,807	9,077	80,457
1956	4,556	3,186	4,297	2,032	1,912	2,125	9,442	17,229	14,388	11,755	11,183	9,373	91,478
1957	3,828	3,060	2,360	2,180	2,179	2,077	5,045	14,296	30,093	14,029	13,634	11,245	104,026
1958	6,063	4,346	2,375	2,043	2,020	2,105	5,715	39,928	22,267	12,809	13,479	11,717	124,866
1959	4,123	2,967	2,272	2,049	1,825	2,078	7,879	17,528	13,507	9,113	9,436	8,443	81,219
1960	5,160	2,553	1,728	2,032	1,887	2,093	11,818	16,342	11,011	25,956	6,647	6,667	93,894
1961	6,229	2,479	2,511	2,138	2,209	2,264	7,902	10,910	5,778	3,485	4,988	5,362	56,254
1962	4,438	2,533	2,415	2,232	2,073	2,109	6,716	17,003	13,652	13,195	13,039	10,128	89,533
1963	6,188	2,633	2,418	2,329	2,571	2,249	4,996	17,195	12,439	10,776	12,440	10,925	87,159
1964	10,604	6,341	4,991	4,991	2,328	2,184	6,281	15,368	13,315	12,522	13,631	12,501	105,056
1965	12,909	6,106	4,995	5,229	4,561	5,022	5,026	15,493	49,547	15,395	12,223	10,834	147,339
1966	11,314	8,715	9,773	10,257	9,319	14,724	10,571	32,589	13,231	12,661	12,161	11,907	157,223
1967	9,976	3,907	4,538	3,363	2,223	3,303	7,070	15,437	32,862	12,657	13,108	12,377	120,822
1968	11,572	5,939	4,421	4,931	4,445	5,003	4,643	17,128	56,978	12,500	13,327	12,034	152,923
1969	10,432	8,620	8,931	5,167	4,392	5,731	26,914	75,057	56,830	13,393	13,438	12,598	241,502
1970	9,222	6,870	4,489	5,005	4,449	4,962	7,302	38,610	29,071	14,915	13,665	11,580	150,140
1971	8,088	4,798	4,778	4,807	4,449	4,187	8,892	38,304	67,461	13,479	13,570	11,947	184,760
1972	8,473	4,343	4,892	5,125	4,435	12,480	11,926	50,276	32,228	14,368	13,887	12,560	174,993
1973	10,118	7,210	4,865	4,946	4,536	5,035	18,435	44,480	58,904	14,417	12,732	12,193	197,871
1974	8,024	8,090	4,790	4,934	4,605	5,044	11,085	52,150	60,018	14,160	13,893	12,645	199,438
1975	10,752	8,642	5,535	4,965	4,547	5,118	4,389	17,294	84,119	27,711	13,636	12,673	199,379
1976	7,828	7,098	4,658	4,789	4,458	5,044	12,487	28,512	16,347	12,710	12,705	11,732	128,368
1977	6,962	4,460	4,926	4,698	1,939	2,128	9,374	12,194	8,630	8,452	11,317	11,133	86,215
1978	10,304	7,061	7,087	5,486	4,861	6,126	7,942	17,316	12,202	12,562	14,096	12,375	117,419
1979	9,135	7,024	5,665	5,031	4,169	5,067	14,625	18,421	11,976	12,421	12,903	12,151	118,590
1980	10,288	9,130	6,578	4,678	4,095	4,646	6,119	35,096	38,131	12,727	14,484	18,270	164,244
1981	8,730	6,873	4,616	4,877	4,389	4,927	5,939	16,463	11,247	11,442	13,040	11,627	104,169
1982	8,463	4,991	5,070	5,107	4,527	5,223	11,588	55,711	51,565	21,261	13,109	9,859	196,473
1983	8,251	5,720	5,458	4,798	17,812	85,904	25,101	57,539	91,035	23,455	7,428	7,449	339,948
1984	4,130	7,478	6,308	12,599	19,631	37,182	61,258	81,317	64,216	23,946	8,359	6,664	333,089
1985	2,785	7,575	5,079	4,833	8,828	19,972	54,256	72,102	18,447	9,279	9,845	7,275	220,274
1986	5,887	6,637	6,914	5,698	15,371	96,275	52,738	76,147	85,054	25,925	10,271	9,037	395,953
1987	9,189	8,462	4,559	5,119	18,362	15,417	22,742	39,699	13,016	13,014	14,431	12,642	176,651
1988	7,532	3,994	2,118	1,709	1,906	2,072	8,043	15,254	13,506	12,117	14,674	12,892	95,817
1989	15,859	5,472	4,692	2,738	1,957	2,131	7,173	21,869	14,126	13,820	15,252	12,076	117,166
1990	7,936	4,557	4,779	3,990	2,216	3,628	5,902	20,617	12,904	12,803	12,860	12,459	104,652
1991	9,470	4,007	4,943	4,934	1,924	1,970	5,483	12,117	12,610	9,520	10,689	11,178	88,846
1992	6,682	4,932	5,237	5,078	4,625	2,835	7,203	11,783	8,744	7,200	8,778	8,063	81,160
1993	7,399	5,219	2,919	3,759	2,934	6,175	11,744	19,372	13,180	13,600	13,598	11,995	111,893
1994	9,446	4,183	4,816	4,827	3,980	3,078	5,857	14,052	10,132	11,006	10,611	9,570	91,560
1995	5,990	4,506	4,564	4,547	4,137	5,206	4,829	11,036	10,102	16,650	13,009	9,396	93,972
1996	10,854	6,604	5,657	9,709	4,500	9,193	18,322	41,469	60,738	16,274	13,020	11,199	207,539
1997	7,970	7,232	7,656	5,088	4,262	15,837	54,212	77,469	58,921	17,128	12,838	10,785	279,398
1998	7,525	6,612	4,592	5,107	4,711	3,832	14,060	71,075	58,986	18,160	13,806	10,011	218,478
1999	7,255	4,808	3,329	4,338	7,952	14,506	30,623	60,777	46,352	19,473	12,217	10,620	222,249
Average	7,914	5,363	4,722	4,524	4,833	9,717	14,926	34,004	33,506	14,174	12,080	10,818	156,582
Maximum	15,859	9,130	9,773	12,599	19,631	96,275	61,258	88,346	91,035	27,711	15,252	18,270	395,953
Minimum	2,785	2,479	1,728	1,709	1,817	1,970	4,389	10,910	5,778	3,485	4,988	5,362	56,254

P-8a
Bonneville Unit Operations (cfs)
Provo River from Murdock to Interstate 15
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	86	72	100	69	50	56	284	786	894	268	228	225	260
1951	123	51	89	71	74	83	226	984	900	223	166	174	264
1952	70	51	74	68	47	285	814	1,437	1,185	237	172	164	384
1953	107	54	84	73	58	120	184	382	972	175	185	169	213
1954	119	69	51	42	46	33	175	215	150	160	155	137	113
1955	108	43	34	34	33	34	109	265	192	147	176	153	111
1956	74	54	70	33	33	35	159	280	242	191	182	158	126
1957	62	51	38	35	39	34	85	233	506	228	222	189	144
1958	99	73	39	33	36	34	96	649	374	208	219	197	172
1959	67	50	37	33	33	34	132	285	227	148	153	142	112
1960	84	43	28	33	33	34	199	266	185	422	108	112	129
1961	101	42	41	35	40	37	133	177	97	57	81	90	78
1962	72	43	39	36	37	34	113	277	229	215	212	170	124
1963	101	44	39	38	46	37	84	280	209	175	202	184	120
1964	172	107	81	81	40	36	106	250	224	204	222	210	145
1965	210	103	81	85	82	82	84	252	833	250	199	182	204
1966	184	146	159	167	168	239	178	530	222	206	198	200	217
1967	162	66	74	55	40	54	119	251	552	206	213	208	167
1968	188	100	72	80	77	81	78	279	958	203	217	202	211
1969	170	145	145	84	79	93	452	1,221	955	218	219	212	334
1970	150	115	73	81	80	81	123	628	489	243	222	195	207
1971	132	81	78	78	80	68	149	623	1,134	219	221	201	255
1972	138	73	80	83	77	203	200	818	542	234	226	211	241
1973	165	121	79	80	82	82	310	723	990	234	207	205	273
1974	130	136	78	80	83	82	186	848	1,009	230	226	213	275
1975	175	145	90	81	82	83	74	281	1,414	451	222	213	275
1976	127	119	76	78	78	82	210	464	275	207	207	197	177
1977	113	75	80	76	35	35	158	198	145	137	184	187	119
1978	168	119	115	89	88	100	133	282	205	204	229	208	162
1979	149	118	92	82	75	82	246	300	201	202	210	204	164
1980	167	153	107	76	71	76	103	571	641	207	236	307	226
1981	142	116	75	79	79	80	100	268	189	186	212	195	144
1982	138	84	82	83	82	85	195	906	867	346	213	166	271
1983	134	96	89	78	321	1,397	422	936	1,530	381	121	125	470
1984	67	126	103	205	341	605	1,030	1,323	1,079	389	136	112	459
1985	45	127	83	79	159	325	912	1,173	310	151	160	122	304
1986	96	112	112	93	277	1,566	886	1,238	1,429	422	167	152	547
1987	149	142	74	83	331	251	382	646	219	212	235	212	244
1988	123	67	34	28	33	34	135	248	227	197	239	217	132
1989	258	92	76	45	35	35	121	356	237	225	248	203	162
1990	129	77	78	65	40	59	99	335	217	208	209	209	145
1991	154	67	80	80	35	32	92	197	212	155	174	188	123
1992	109	83	85	83	80	46	121	192	147	117	143	136	112
1993	120	88	47	61	53	100	197	315	222	221	221	202	155
1994	154	70	78	79	72	50	98	229	170	179	173	161	126
1995	97	76	74	74	74	85	81	179	170	271	212	158	130
1996	177	111	92	158	78	150	308	674	1,021	265	212	188	286
1997	130	122	125	83	77	258	911	1,260	990	279	209	181	386
1998	122	111	75	83	85	62	236	1,156	991	295	225	168	302
1999	118	81	54	71	143	236	515	988	779	317	199	178	307
Average	129	90	77	74	86	158	251	553	563	231	196	182	216
Maximum	258	153	159	205	341	1,566	1,030	1,437	1,530	451	248	307	547
Minimum	45	42	28	28	33	32	74	177	97	57	81	90	78

P-8b
Bonneville Unit Operations (acre-feet)
Provo River from Murdock to Interstate 15
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	3,740	317	1,751	3,311	1,754	2,553	7,935	750	690	4,153	3,323	3,810	34,087
1951	1,069	0	0	1,711	1,552	908	1,931	616	541	3,716	875	559	13,477
1952	1,423	0	0	1,466	0	0	1,512	349	541	4,360	657	402	10,710
1953	1,069	0	3,039	1,649	1,474	3,771	6,381	5,770	541	2,403	1,007	654	27,758
1954	1,069	2,221	1,796	1,538	1,389	48	3,758	4,259	1,108	1,725	1,026	667	20,605
1955	1,069	1,440	1,537	1,538	1,389	1,538	4,732	6,610	2,122	1,980	1,088	456	25,497
1956	0	0	2,758	1,538	1,438	1,538	3,585	8,006	4,897	4,034	1,384	613	29,791
1957	301	0	1,668	1,538	1,389	1,538	4,086	7,392	4,761	4,541	3,650	2,068	32,929
1958	1,069	1,620	666	1,538	694	1,572	3,184	5,737	7,302	3,946	3,631	2,512	33,471
1959	1,069	1,595	1,809	1,538	1,389	1,538	4,318	7,601	4,025	2,495	1,074	701	29,152
1960	1,069	0	1,538	1,538	1,438	1,538	3,654	6,916	2,001	1,086	1,131	742	22,650
1961	768	1,488	1,500	1,454	1,584	1,482	4,656	4,975	757	170	0	0	18,833
1962	768	1,243	1,404	1,447	1,389	1,482	4,711	8,132	4,758	4,422	3,707	3,249	36,712
1963	301	0	1,537	1,538	1,389	1,538	4,767	7,997	4,022	4,061	3,655	2,728	33,531
1964	539	0	4,344	4,441	1,716	1,538	4,772	7,358	4,716	3,902	3,674	3,820	40,819
1965	5,681	1,646	3,357	4,018	3,927	4,011	4,760	8,509	4,675	3,915	3,266	3,892	51,656
1966	5,681	5,345	59	630	3,688	2,098	3,098	2,428	4,015	3,798	3,541	4,150	38,531
1967	3,966	985	4,029	2,322	1,389	1,724	3,995	8,751	4,654	4,506	3,579	3,892	43,792
1968	5,681	3,516	1,917	2,966	2,726	2,243	1,985	10,877	541	3,902	3,503	3,870	43,726
1969	5,681	4,715	5,760	2,322	1,927	882	450	337	541	3,902	3,494	3,890	33,899
1970	5,024	1,779	2,765	2,736	3,064	2,780	4,763	2,430	541	5,602	3,626	3,920	39,030
1971	3,727	320	2,582	2,094	1,483	1,453	4,695	6,342	4,394	4,077	3,261	3,921	38,349
1972	5,119	241	2,073	2,739	2,559	738	826	337	541	3,868	3,276	3,831	26,147
1973	5,681	3,496	2,717	2,378	1,901	2,310	1,371	336	541	3,903	3,484	3,903	32,021
1974	5,681	4,156	2,206	2,809	2,694	4,243	10,323	366	3,554	6,003	3,856	3,797	49,688
1975	5,717	6,094	3,556	2,061	1,871	2,050	463	13,432	594	1,210	3,856	3,877	44,783
1976	5,717	2,250	0	1,324	2,911	3,871	9,933	9,786	7,964	3,968	3,856	3,894	55,475
1977	4,398	2,716	3,890	3,687	1,389	1,567	4,467	6,584	3,741	3,818	3,856	3,909	44,021
1978	5,380	6,090	6,174	4,695	4,115	3,531	2,821	10,723	4,814	3,902	3,856	3,896	59,996
1979	5,717	5,274	4,348	3,496	3,480	3,285	12,524	9,432	4,035	3,976	3,856	3,888	63,312
1980	5,717	6,447	6,133	3,030	2,549	2,375	2,549	3,078	594	3,906	3,856	836	41,072
1981	5,717	3,083	2,244	3,932	3,158	4,227	4,780	9,626	3,707	4,034	3,856	3,942	52,306
1982	6,296	992	4,471	4,498	3,647	2,298	9,827	778	1,346	3,333	3,856	4,023	45,365
1983	2,144	2,676	2,494	1,795	0	0	3,776	366	594	4,085	1,261	836	20,027
1984	1,684	2,919	0	0	0	0	1,977	2,828	594	4,085	1,261	836	16,185
1985	1,106	2,133	1,778	1,722	2,140	0	1,912	3,203	3,469	2,393	1,261	836	21,951
1986	1,586	0	2,348	1,829	3,454	0	2,037	1,921	594	4,085	1,261	836	19,951
1987	3,041	3,898	1,778	1,979	2,214	0	1,866	3,782	4,017	3,950	3,856	3,769	34,150
1988	3,789	1,665	1,925	1,538	201	0	4,759	7,798	4,057	4,055	3,850	3,770	37,407
1989	1,106	3,900	4,336	2,454	1,393	908	3,859	8,026	4,035	1,210	3,855	3,859	38,942
1990	4,238	3,084	3,869	3,397	1,831	3,204	1,249	10,950	4,034	3,949	2,647	3,540	45,993
1991	4,071	3,190	4,392	4,471	1,402	1,537	4,768	7,191	4,838	2,099	3,856	3,571	45,387
1992	4,426	2,661	3,886	3,966	3,226	1,361	4,691	6,633	3,981	2,640	0	3,540	41,011
1993	4,334	2,833	1,679	1,538	1,389	1,863	3,722	11,095	4,740	4,655	3,856	3,940	45,643
1994	3,285	2,876	3,382	3,350	1,742	0	3,951	7,690	4,209	4,093	3,856	3,809	42,244
1995	1,006	1,709	2,407	2,523	1,726	0	790	10,237	4,655	2,282	3,856	1,245	32,436
1996	7,686	2,587	2,462	501	2,120	0	125	366	594	4,085	3,856	4,040	28,423
1997	5,717	4,463	3,689	1,503	2,967	3,775	1,299	1,698	1,768	6,061	3,856	4,128	40,925
1998	5,717	4,192	2,794	3,989	4,120	2,064	4,450	1,540	1,768	4,085	3,856	4,096	42,671
1999	4,357	2,368	2,507	3,288	1,566	2,256	4,057	1,540	1,768	4,085	3,856	4,013	35,661
Average	3,424	2,324	2,587	2,387	1,999	1,705	3,938	5,470	2,866	3,610	2,914	2,819	36,044
Maximum	7,686	6,447	6,174	4,695	4,120	4,243	12,524	13,432	7,964	6,061	3,856	4,150	63,312
Minimum	0	0	0	0	0	0	125	336	541	170	0	0	10,710

P-8b
Bonneville Unit Operations (cfs)
Provo River from Murdock to Interstate 15
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	61	5	28	54	32	42	133	12	12	68	54	64	47
1951	17	0	0	28	28	15	32	10	9	60	14	9	19
1952	23	0	0	24	0	0	25	6	9	71	11	7	15
1953	17	0	49	27	27	61	107	94	9	39	16	11	38
1954	17	37	29	25	25	1	63	69	19	28	17	11	28
1955	17	24	25	25	25	25	80	108	36	32	18	8	35
1956	0	0	45	25	25	25	60	130	82	66	23	10	41
1957	5	0	27	25	25	25	69	120	80	74	59	35	45
1958	17	27	11	25	12	26	54	93	123	64	59	42	46
1959	17	27	29	25	25	25	73	124	68	41	17	12	40
1960	17	0	25	25	25	25	61	112	34	18	18	12	31
1961	12	25	24	24	29	24	78	81	13	3	0	0	26
1962	12	21	23	24	25	24	79	132	80	72	60	55	51
1963	5	0	25	25	25	25	80	130	68	66	59	46	46
1964	9	0	71	72	30	25	80	120	79	63	60	64	56
1965	92	28	55	65	71	65	80	138	79	64	53	65	71
1966	92	90	1	10	66	34	52	39	67	62	58	70	53
1967	65	17	66	38	25	28	67	142	78	73	58	65	60
1968	92	59	31	48	47	36	33	177	9	63	57	65	60
1969	92	79	94	38	35	14	8	5	9	63	57	65	47
1970	82	30	45	44	55	45	80	40	9	91	59	66	54
1971	61	5	42	34	27	24	79	103	74	66	53	66	53
1972	83	4	34	45	44	12	14	5	9	63	53	64	36
1973	92	59	44	39	34	38	23	5	9	63	57	66	44
1974	92	70	36	46	49	69	173	6	60	98	63	64	69
1975	93	102	58	34	34	33	8	218	10	20	63	65	62
1976	93	38	0	22	51	63	167	159	134	65	63	65	76
1977	72	46	63	60	25	25	75	107	63	62	63	66	61
1978	87	102	100	76	74	57	47	174	81	63	63	65	83
1979	93	89	71	57	63	53	210	153	68	65	63	65	87
1980	93	108	100	49	44	39	43	50	10	64	63	14	57
1981	93	52	37	64	57	69	80	157	62	66	63	66	72
1982	102	17	73	73	66	37	165	13	23	54	63	68	63
1983	35	45	41	29	0	0	63	6	10	66	21	14	28
1984	27	49	0	0	0	0	33	46	10	66	21	14	22
1985	18	36	29	28	39	0	32	52	58	39	21	14	30
1986	26	0	38	30	62	0	34	31	10	66	21	14	28
1987	49	66	29	32	40	0	31	62	68	64	63	63	47
1988	62	28	31	25	4	0	80	127	68	66	63	63	52
1989	18	66	71	40	25	15	65	131	68	20	63	65	54
1990	69	52	63	55	33	52	21	178	68	64	43	59	64
1991	66	54	71	73	25	25	80	117	81	34	63	60	63
1992	72	45	63	64	56	22	79	108	67	43	0	59	56
1993	70	48	27	25	25	30	63	180	80	76	63	66	63
1994	53	48	55	54	31	0	66	125	71	67	63	64	58
1995	16	29	39	41	31	0	13	166	78	37	63	21	45
1996	125	43	40	8	37	0	2	6	10	66	63	68	39
1997	93	75	60	24	53	61	22	28	30	99	63	69	57
1998	93	70	45	65	74	34	75	25	30	66	63	69	59
1999	71	40	41	53	28	37	68	25	30	66	63	67	49
Average	56	39	42	39	36	28	66	89	48	59	47	47	50
Maximum	125	108	100	76	74	69	210	218	134	99	63	70	87
Minimum	0	0	0	0	0	0	2	5	9	3	0	0	15

P-8b-i

Bonneville Unit Operations (acre-feet)

Releases of ULS Water to Supplement Provo River

CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	2,564	0	0	1,134	0	0	0	0	0	2,174	2,595	3,357	11,824
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	771	0	0	0	0	0	771
1955	0	0	0	0	0	0	1,745	3,570	0	0	0	0	5,315
1956	0	0	0	0	0	0	598	4,611	2,700	2,236	434	0	10,579
1957	0	0	0	0	0	0	1,099	4,611	2,700	2,338	2,595	1,380	14,724
1958	0	0	0	0	0	0	197	4,611	2,700	2,036	2,595	1,838	13,978
1959	0	0	0	0	0	0	1,331	4,611	1,952	899	0	0	8,794
1960	0	0	0	0	0	0	667	3,992	0	0	0	0	4,660
1961	0	0	0	0	0	0	1,781	2,689	0	0	0	0	4,470
1962	0	0	0	0	0	0	168	4,611	2,700	2,338	2,595	2,520	14,934
1963	0	0	0	0	0	0	1,779	4,611	1,836	2,033	2,595	2,037	14,892
1964	238	0	2,985	2,903	277	0	1,785	4,611	2,700	1,688	2,595	3,115	22,899
1965	4,611	1,296	1,819	2,076	2,180	2,473	647	4,611	2,700	2,046	2,595	3,479	30,535
1966	4,611	3,455	59	629	1,773	0	111	0	2,246	2,338	2,595	3,540	21,358
1967	2,897	482	2,492	785	0	0	1,008	4,611	2,700	2,338	2,595	3,255	23,164
1968	4,611	2,000	1,791	1,820	1,159	2,243	0	4,611	0	1,847	2,595	3,288	25,965
1969	4,611	3,273	4,611	496	1,315	0	0	0	0	163	2,595	3,314	20,380
1970	3,954	0	1,170	2,143	1,967	2,517	1,032	914	0	0	2,595	3,249	19,540
1971	2,658	0	2,582	2,094	1,482	1,453	964	4,611	0	2,338	2,595	3,512	24,289
1972	4,050	0	2,073	2,739	2,559	0	0	0	0	338	2,595	3,411	17,764
1973	4,611	3,496	2,716	2,377	1,901	2,310	0	0	0	174	2,595	3,334	23,515
1974	4,611	3,407	2,206	2,808	2,694	2,705	0	0	0	2,336	2,595	2,962	26,328
1975	4,611	4,463	2,603	2,060	1,870	2,050	305	4,611	0	0	2,595	3,041	28,210
1976	4,611	238	0	1,324	1,323	1,941	0	4,611	2,700	2,174	2,595	3,059	24,576
1977	3,292	1,089	2,258	2,149	0	0	722	4,611	2,700	2,338	2,595	3,073	24,828
1978	4,611	4,463	4,611	2,944	2,236	0	0	4,611	2,700	1,606	2,595	3,060	33,438
1979	4,611	4,463	4,018	2,933	2,233	2,458	0	4,611	1,618	2,008	2,595	3,053	34,601
1980	4,611	4,124	3,631	1,364	1,008	1,786	0	416	0	338	2,595	0	19,873
1981	4,611	751	0	2,394	1,770	2,689	1,036	4,611	1,268	2,012	2,595	3,106	26,844
1982	4,611	930	2,107	2,960	2,258	0	0	0	0	0	2,595	3,187	18,648
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	375	2,082	0	0	0	0	0	0	228	556	2,595	2,934	8,770
1988	2,682	0	0	0	0	0	1,758	4,611	2,437	2,338	2,589	2,935	19,351
1989	0	2,413	2,570	917	0	0	859	4,611	2,116	0	2,594	3,023	19,103
1990	3,088	339	680	0	0	0	1,124	4,611	1,922	1,655	2,595	3,540	19,553
1991	2,429	1,233	2,621	2,933	13	0	1,893	4,611	2,700	0	2,595	3,540	24,569
1992	3,647	920	2,458	1,581	152	240	1,816	4,611	2,700	2,338	0	3,540	24,004
1993	1,718	1,146	0	0	0	0	0	4,611	2,700	2,338	2,595	3,104	18,214
1994	1,610	1,173	1,682	1,813	890	0	951	4,611	2,449	2,308	2,595	3,540	23,623
1995	0	0	0	0	0	0	0	4,611	2,700	0	2,595	409	10,316
1996	4,415	0	0	0	510	0	0	0	0	0	2,595	3,204	10,724
1997	4,611	4,463	1,901	1,503	1,579	0	0	0	0	1,976	2,595	3,292	21,920
1998	4,611	1,837	404	2,452	2,731	159	0	0	0	0	2,595	3,260	18,049
1999	2,477	0	104	1,750	0	0	0	0	0	0	2,595	3,177	10,104
Average	2,225	1,071	1,123	1,062	718	500	523	2,537	1,118	1,073	1,877	2,173	16,000
Maximum	4,611	4,463	4,611	2,960	2,731	2,705	1,893	4,611	2,700	2,338	2,595	3,540	34,601
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0

P-8b-i
Bonneville Unit Operations (cfs)
Releases of ULS Water to Supplement Provo River
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	42	0	0	18	0	0	0	0	0	35	42	56	16
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	13	0	0	0	0	0	1
1955	0	0	0	0	0	0	29	58	0	0	0	0	7
1956	0	0	0	0	0	0	10	75	45	36	7	0	15
1957	0	0	0	0	0	0	18	75	45	38	42	23	20
1958	0	0	0	0	0	0	3	75	45	33	42	31	19
1959	0	0	0	0	0	0	22	75	33	15	0	0	12
1960	0	0	0	0	0	0	11	65	0	0	0	0	6
1961	0	0	0	0	0	0	30	44	0	0	0	0	6
1962	0	0	0	0	0	0	3	75	45	38	42	42	21
1963	0	0	0	0	0	0	30	75	31	33	42	34	21
1964	4	0	49	47	5	0	30	75	45	27	42	52	32
1965	75	22	30	34	39	40	11	75	45	33	42	58	42
1966	75	58	1	10	32	0	2	0	38	38	42	59	30
1967	47	8	41	13	0	0	17	75	45	38	42	55	32
1968	75	34	29	30	20	36	0	75	0	30	42	55	36
1969	75	55	75	8	24	0	0	0	0	3	42	56	28
1970	64	0	19	35	35	41	17	15	0	0	42	55	27
1971	43	0	42	34	27	24	16	75	0	38	42	59	34
1972	66	0	34	45	44	0	0	0	0	5	42	57	24
1973	75	59	44	39	34	38	0	0	0	3	42	56	32
1974	75	57	36	46	49	44	0	0	0	38	42	50	36
1975	75	75	42	34	34	33	5	75	0	0	42	51	39
1976	75	4	0	22	23	32	0	75	45	35	42	51	34
1977	54	18	37	35	0	0	12	75	45	38	42	52	34
1978	75	75	75	48	40	0	0	75	45	26	42	51	46
1979	75	75	65	48	40	40	0	75	27	33	42	51	48
1980	75	69	59	22	18	29	0	7	0	6	42	0	27
1981	75	13	0	39	32	44	17	75	21	33	42	52	37
1982	75	16	34	48	41	0	0	0	0	0	42	54	26
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	6	35	0	0	0	0	0	0	4	9	42	49	12
1988	44	0	0	0	0	0	30	75	41	38	42	49	27
1989	0	41	42	15	0	0	14	75	36	0	42	51	26
1990	50	6	11	0	0	0	19	75	32	27	42	59	27
1991	40	21	43	48	0	0	32	75	45	0	42	59	34
1992	59	15	40	26	3	4	31	75	45	38	0	59	33
1993	28	19	0	0	0	0	0	75	45	38	42	52	25
1994	26	20	27	29	16	0	16	75	41	38	42	59	33
1995	0	0	0	0	0	0	0	75	45	0	42	7	14
1996	72	0	0	0	9	0	0	0	0	0	42	54	15
1997	75	75	31	24	28	0	0	0	0	32	42	55	30
1998	75	31	7	40	49	3	0	0	0	0	42	55	25
1999	40	0	2	28	0	0	0	0	0	0	42	53	14
Average	36	18	18	17	13	8	9	41	19	17	31	37	22
Maximum	75	75	75	48	49	44	32	75	45	38	42	59	48
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0

P-8b-ii
Bonneville Unit Operations (acre-feet)
Releases of ULS Water to Supplement Provo River
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	2,564	0	0	1,134	0	0	0	0	0	2,174	2,595	3,357	11,824
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	771	0	0	0	0	0	771
1955	0	0	0	0	0	0	1,745	3,570	0	0	0	0	5,315
1956	0	0	0	0	0	0	598	4,611	2,700	2,236	434	0	10,579
1957	0	0	0	0	0	0	1,099	4,611	2,700	2,338	2,595	1,380	14,724
1958	0	0	0	0	0	0	197	4,611	2,700	2,036	2,595	1,838	13,978
1959	0	0	0	0	0	0	1,331	4,611	1,952	899	0	0	8,794
1960	0	0	0	0	0	0	667	3,992	0	0	0	0	4,660
1961	0	0	0	0	0	0	1,781	2,689	0	0	0	0	4,470
1962	0	0	0	0	0	0	168	4,611	2,700	2,338	2,595	2,520	14,934
1963	0	0	0	0	0	0	1,779	4,611	1,836	2,033	2,595	2,037	14,892
1964	238	0	2,985	2,903	277	0	1,785	4,611	2,700	1,688	2,595	3,115	22,899
1965	4,611	1,296	1,819	2,076	2,180	2,473	647	4,611	2,700	2,046	2,595	3,479	30,535
1966	4,611	3,455	59	629	1,773	0	111	0	2,246	2,338	2,595	3,540	21,358
1967	2,897	482	2,492	785	0	0	1,008	4,611	2,700	2,338	2,595	3,255	23,164
1968	4,611	2,000	1,791	1,820	1,159	2,243	0	4,611	0	1,847	2,595	3,288	25,965
1969	4,611	3,273	4,611	496	1,315	0	0	0	0	163	2,595	3,314	20,380
1970	3,954	0	1,170	2,143	1,967	2,517	1,032	914	0	0	2,595	3,249	19,540
1971	2,658	0	2,582	2,094	1,482	1,453	964	4,611	0	2,338	2,595	3,512	24,289
1972	4,050	0	2,073	2,739	2,559	0	0	0	0	338	2,595	3,411	17,764
1973	4,611	3,496	2,716	2,377	1,901	2,310	0	0	0	174	2,595	3,334	23,515
1974	4,611	3,407	2,206	2,808	2,694	2,705	0	0	0	2,338	2,595	2,962	26,328
1975	4,611	4,463	2,603	2,060	1,870	2,050	305	4,611	0	0	2,595	3,041	28,210
1976	4,611	238	0	1,324	1,323	1,941	0	4,611	2,700	2,174	2,595	3,059	24,576
1977	3,292	1,089	2,258	2,149	0	0	722	4,611	2,700	2,338	2,595	3,073	24,828
1978	4,611	4,463	4,611	2,944	2,236	0	0	4,611	2,700	1,606	2,595	3,060	33,438
1979	4,611	4,463	4,018	2,933	2,233	2,458	0	4,611	1,618	2,008	2,595	3,053	34,601
1980	4,611	4,124	3,631	1,364	1,008	1,786	0	416	0	338	2,595	0	19,873
1981	4,611	751	0	2,394	1,770	2,689	1,036	4,611	1,268	2,012	2,595	3,106	26,844
1982	4,611	930	2,107	2,960	2,258	0	0	0	0	0	2,595	3,187	18,648
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	375	2,082	0	0	0	0	0	0	228	556	2,595	2,934	8,770
1988	2,682	0	0	0	0	0	1,758	4,611	2,437	2,338	2,589	2,935	19,351
1989	0	2,413	2,570	917	0	0	859	4,611	2,116	0	2,594	3,023	19,103
1990	3,088	339	680	0	0	0	1,124	4,611	1,922	1,655	2,595	3,540	19,553
1991	2,429	1,233	2,621	2,933	13	0	1,893	4,611	2,700	0	2,595	3,540	24,569
1992	3,647	920	2,458	1,581	152	240	1,816	4,611	2,700	2,338	0	3,540	24,004
1993	1,718	1,146	0	0	0	0	0	4,611	2,700	2,338	2,595	3,104	18,214
1994	1,610	1,173	1,682	1,813	890	0	951	4,611	2,449	2,308	2,595	3,540	23,623
1995	0	0	0	0	0	0	0	4,611	2,700	0	2,595	409	10,316
1996	4,415	0	0	0	510	0	0	0	0	0	2,595	3,204	10,724
1997	4,611	4,463	1,901	1,503	1,579	0	0	0	0	1,976	2,595	3,292	21,920
1998	4,611	1,837	404	2,452	2,731	159	0	0	0	0	2,595	3,260	18,049
1999	2,477	0	104	1,750	0	0	0	0	0	0	2,595	3,177	10,104
Average	2,225	1,071	1,123	1,062	718	500	523	2,537	1,118	1,073	1,877	2,173	16,000
Maximum	4,611	4,463	4,611	2,960	2,731	2,705	1,893	4,611	2,700	2,338	2,595	3,540	34,601
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0

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Bonneville Unit Operations (cfs)
Releases of ULS Water to Supplement Provo River
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	42	0	0	18	0	0	0	0	0	35	42	56	16
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	13	0	0	0	0	0	1
1955	0	0	0	0	0	0	29	58	0	0	0	0	7
1956	0	0	0	0	0	0	10	75	45	36	7	0	15
1957	0	0	0	0	0	0	18	75	45	38	42	23	20
1958	0	0	0	0	0	0	3	75	45	33	42	31	19
1959	0	0	0	0	0	0	22	75	33	15	0	0	12
1960	0	0	0	0	0	0	11	65	0	0	0	0	6
1961	0	0	0	0	0	0	30	44	0	0	0	0	6
1962	0	0	0	0	0	0	3	75	45	38	42	42	21
1963	0	0	0	0	0	0	30	75	31	33	42	34	21
1964	4	0	49	47	5	0	30	75	45	27	42	52	32
1965	75	22	30	34	39	40	11	75	45	33	42	58	42
1966	75	58	1	10	32	0	2	0	38	38	42	59	30
1967	47	8	41	13	0	0	17	75	45	38	42	55	32
1968	75	34	29	30	20	36	0	75	0	30	42	55	36
1969	75	55	75	8	24	0	0	0	0	3	42	56	28
1970	64	0	19	35	35	41	17	15	0	0	42	55	27
1971	43	0	42	34	27	24	16	75	0	38	42	59	34
1972	66	0	34	45	44	0	0	0	0	5	42	57	24
1973	75	59	44	39	34	38	0	0	0	3	42	56	32
1974	75	57	36	46	49	44	0	0	0	38	42	50	36
1975	75	75	42	34	34	33	5	75	0	0	42	51	39
1976	75	4	0	22	23	32	0	75	45	35	42	51	34
1977	54	18	37	35	0	0	12	75	45	38	42	52	34
1978	75	75	75	48	40	0	0	75	45	26	42	51	46
1979	75	75	65	48	40	40	0	75	27	33	42	51	48
1980	75	69	59	22	18	29	0	7	0	6	42	0	27
1981	75	13	0	39	32	44	17	75	21	33	42	52	37
1982	75	16	34	48	41	0	0	0	0	0	42	54	26
1983	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	6	35	0	0	0	0	0	0	4	9	42	49	12
1988	44	0	0	0	0	0	30	75	41	38	42	49	27
1989	0	41	42	15	0	0	14	75	36	0	42	51	26
1990	50	6	11	0	0	0	19	75	32	27	42	59	27
1991	40	21	43	48	0	0	32	75	45	0	42	59	34
1992	59	15	40	26	3	4	31	75	45	38	0	59	33
1993	28	19	0	0	0	0	0	75	45	38	42	52	25
1994	26	20	27	29	16	0	16	75	41	38	42	59	33
1995	0	0	0	0	0	0	0	75	45	0	42	7	14
1996	72	0	0	0	9	0	0	0	0	0	42	54	15
1997	75	75	31	24	28	0	0	0	0	32	42	55	30
1998	75	31	7	40	49	3	0	0	0	0	42	55	25
1999	40	0	2	28	0	0	0	0	0	0	42	53	14
Average	36	18	18	17	13	8	9	41	19	17	31	37	22
Maximum	75	75	75	48	49	44	32	75	45	38	42	59	48
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0

P-8c
Bonneville Unit Operations (acre-feet)
Provo River from Murdock to Interstate 15
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	160	0	0	0	0	0	80	36,104	1,964	3,467	610	480	42,865
1951	160	0	0	0	0	0	80	18,784	2,359	640	610	480	23,113
1952	160	0	0	0	0	0	5,245	6,160	6,320	640	610	480	19,615
1953	160	0	0	0	0	0	80	7,590	25,526	640	610	480	35,086
1954	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1955	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1956	0	0	0	0	0	0	80	160	320	640	610	480	2,290
1957	160	0	0	0	0	0	80	160	15,169	640	610	480	17,299
1958	160	0	0	0	0	0	80	23,851	5,986	640	610	480	31,807
1959	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1960	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1961	0	0	0	0	0	0	0	160	320	0	0	0	480
1962	0	0	0	0	0	0	80	160	320	640	610	480	2,290
1963	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1964	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1965	160	0	0	0	0	0	80	160	35,534	3,745	610	480	40,769
1966	160	0	0	0	0	0	80	12,600	320	640	610	480	14,890
1967	160	0	0	0	0	0	80	160	19,517	640	610	480	21,647
1968	160	0	0	0	0	0	80	160	13,779	640	610	480	15,909
1969	160	0	0	0	0	0	80	6,160	2,532	640	610	480	10,662
1970	160	0	0	0	0	0	80	28,612	6,877	640	610	480	37,459
1971	160	0	0	0	0	0	80	6,160	966	640	610	480	9,096
1972	160	0	0	0	0	0	7,169	2,784	1,644	640	610	480	13,486
1973	160	0	0	0	0	0	80	6,160	4,266	640	610	480	12,396
1974	160	0	0	0	0	0	80	6,160	16,731	640	610	480	24,861
1975	160	0	0	0	0	0	80	160	10,664	4,762	610	480	16,916
1976	160	0	0	0	0	0	80	9,642	320	640	610	480	11,932
1977	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1978	0	0	0	0	0	0	80	160	320	640	610	480	2,290
1979	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1980	160	0	0	0	0	0	80	160	6,320	640	610	480	8,450
1981	160	0	0	0	0	0	80	160	683	640	610	480	2,813
1982	160	0	0	0	0	0	80	6,160	6,320	8,288	610	480	22,098
1983	160	0	0	0	3,514	4,453	5,323	6,160	6,320	3,924	610	480	30,944
1984	160	0	0	5,134	4,314	4,810	10,256	6,160	6,320	12,360	610	480	50,603
1985	160	0	0	0	0	3,821	6,080	6,160	1,319	640	610	480	19,271
1986	160	0	0	0	0	10,635	6,080	6,160	6,320	12,008	610	480	42,453
1987	160	0	0	0	3,249	3,931	10,878	17,631	320	640	610	480	37,899
1988	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1989	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1990	160	0	0	0	0	0	80	160	320	640	610	0	1,970
1991	0	0	0	0	0	0	0	160	320	640	610	480	2,210
1992	0	0	0	0	0	0	0	160	320	0	0	0	480
1993	0	0	0	0	0	0	80	160	320	640	610	480	2,290
1994	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1995	0	0	0	0	0	0	80	160	320	1,417	610	480	3,067
1996	160	0	0	0	0	0	80	6,160	1,510	3,062	610	480	12,062
1997	160	0	0	0	0	0	10,700	6,160	6,320	1,708	610	480	26,139
1998	160	0	0	0	0	0	5,841	6,160	6,320	3,921	610	480	23,492
1999	160	0	0	0	0	4,938	8,229	6,160	6,320	7,149	610	480	34,046
Average	134	0	0	103	222	652	1,575	4,963	4,625	1,777	586	451	15,088
Maximum	160	0	0	5,134	4,314	10,635	10,878	36,104	35,534	12,360	610	480	50,603
Minimum	0	0	0	0	0	0	0	160	320	0	0	0	480

P-8c
Bonneville Unit Operations (cfs)
Provo River from Murdock to Interstate 15
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	3	0	0	0	0	0	1	587	33	56	10	8	59
1951	3	0	0	0	0	0	1	306	40	10	10	8	32
1952	3	0	0	0	0	0	88	100	106	10	10	8	27
1953	3	0	0	0	0	0	1	123	429	10	10	8	48
1954	3	0	0	0	0	0	1	3	5	10	10	8	3
1955	3	0	0	0	0	0	1	3	5	10	10	8	3
1956	0	0	0	0	0	0	1	3	5	10	10	8	3
1957	3	0	0	0	0	0	1	3	255	10	10	8	24
1958	3	0	0	0	0	0	1	388	101	10	10	8	44
1959	3	0	0	0	0	0	1	3	5	10	10	8	3
1960	3	0	0	0	0	0	1	3	5	10	10	8	3
1961	0	0	0	0	0	0	0	3	5	0	0	0	1
1962	0	0	0	0	0	0	1	3	5	10	10	8	3
1963	3	0	0	0	0	0	1	3	5	10	10	8	3
1964	3	0	0	0	0	0	1	3	5	10	10	8	3
1965	3	0	0	0	0	0	1	3	597	61	10	8	56
1966	3	0	0	0	0	0	1	205	5	10	10	8	21
1967	3	0	0	0	0	0	1	3	328	10	10	8	30
1968	3	0	0	0	0	0	1	3	232	10	10	8	22
1969	3	0	0	0	0	0	1	100	43	10	10	8	15
1970	3	0	0	0	0	0	1	465	116	10	10	8	52
1971	3	0	0	0	0	0	1	100	16	10	10	8	13
1972	3	0	0	0	0	0	120	45	28	10	10	8	19
1973	3	0	0	0	0	0	1	100	72	10	10	8	17
1974	3	0	0	0	0	0	1	100	281	10	10	8	34
1975	3	0	0	0	0	0	1	3	179	77	10	8	23
1976	3	0	0	0	0	0	1	157	5	10	10	8	16
1977	3	0	0	0	0	0	1	3	5	10	10	8	3
1978	0	0	0	0	0	0	1	3	5	10	10	8	3
1979	3	0	0	0	0	0	1	3	5	10	10	8	3
1980	3	0	0	0	0	0	1	3	106	10	10	8	12
1981	3	0	0	0	0	0	1	3	11	10	10	8	4
1982	3	0	0	0	0	0	1	100	106	135	10	8	31
1983	3	0	0	0	63	72	89	100	106	64	10	8	43
1984	3	0	0	83	75	78	172	100	106	201	10	8	70
1985	3	0	0	0	0	62	102	100	22	10	10	8	27
1986	3	0	0	0	0	173	102	100	106	195	10	8	59
1987	3	0	0	0	59	64	183	287	5	10	10	8	52
1988	3	0	0	0	0	0	1	3	5	10	10	8	3
1989	3	0	0	0	0	0	1	3	5	10	10	8	3
1990	3	0	0	0	0	0	1	3	5	10	10	0	3
1991	0	0	0	0	0	0	0	3	5	10	10	8	3
1992	0	0	0	0	0	0	0	3	5	0	0	0	1
1993	0	0	0	0	0	0	1	3	5	10	10	8	3
1994	3	0	0	0	0	0	1	3	5	10	10	8	3
1995	0	0	0	0	0	0	1	3	5	23	10	8	4
1996	3	0	0	0	0	0	1	100	25	50	10	8	17
1997	3	0	0	0	0	0	180	100	106	28	10	8	36
1998	3	0	0	0	0	0	98	100	106	64	10	8	32
1999	3	0	0	0	0	80	138	100	106	116	10	8	47
Average	2	0	0	2	4	11	26	81	78	29	10	8	21
Maximum	3	0	0	83	75	173	183	587	597	201	10	8	70
Minimum	0	0	0	0	0	0	0	3	5	0	0	0	1

P-8d
Bonneville Unit Operations (acre-feet)
Provo River from Murdock to Interstate 15
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	1,411	3,975	4,384	960	996	886	8,885	11,452	50,517	8,858	10,103	9,108	111,536
1951	6,312	3,057	5,462	2,625	2,544	4,185	11,450	41,110	50,644	9,385	8,724	9,325	154,825
1952	2,712	3,009	4,528	2,718	2,726	17,526	41,695	81,837	63,649	9,556	9,305	8,855	248,116
1953	5,367	3,199	2,142	2,818	1,766	3,605	4,484	10,142	31,759	7,715	9,755	8,918	91,670
1954	6,104	1,866	1,339	1,026	1,141	2,008	6,575	8,811	7,494	7,471	7,919	6,978	58,731
1955	5,436	1,097	547	554	428	561	1,664	9,516	9,009	6,448	9,109	8,141	52,510
1956	4,557	3,186	1,539	494	474	587	5,777	9,063	9,171	7,081	9,188	8,280	59,397
1957	3,368	3,060	692	642	791	539	879	6,744	10,163	8,848	9,374	8,698	53,797
1958	4,833	2,726	1,709	505	1,326	533	2,451	10,340	8,979	8,222	9,238	8,725	59,588
1959	2,894	1,372	463	511	436	540	3,481	9,767	9,162	5,978	7,752	7,262	49,617
1960	3,931	2,553	191	494	449	555	8,084	9,266	8,689	24,231	4,907	5,445	68,794
1961	5,460	991	1,011	684	625	782	3,246	5,776	4,701	3,315	4,988	5,363	36,941
1962	3,670	1,290	1,011	785	684	627	1,924	8,711	8,574	8,134	8,722	6,400	50,531
1963	5,727	2,633	881	791	1,183	711	149	9,038	8,097	6,075	8,175	7,717	51,177
1964	9,905	6,341	647	550	612	646	1,429	7,850	8,278	7,980	9,347	8,201	61,786
1965	7,068	4,461	1,638	1,210	634	1,011	186	6,824	9,338	7,735	8,346	6,463	54,914
1966	5,473	3,371	9,714	9,627	5,631	12,626	7,393	17,561	8,896	8,223	8,010	7,277	103,802
1967	5,850	2,921	509	1,041	835	1,579	2,995	6,526	8,691	7,511	8,919	8,005	55,383
1968	5,732	2,423	2,504	1,965	1,720	2,759	2,578	6,091	42,658	7,958	9,214	7,684	93,287
1969	4,591	3,905	3,171	2,845	2,465	4,849	26,384	68,561	53,758	8,851	9,334	8,228	196,942
1970	4,039	5,091	1,724	2,270	1,385	2,182	2,459	7,567	21,653	8,673	9,429	7,181	73,651
1971	4,201	4,478	2,196	2,713	2,966	2,734	4,117	25,802	62,101	8,762	9,698	7,546	137,315
1972	3,194	4,103	2,819	2,386	1,876	11,741	3,931	47,155	30,044	9,860	10,002	8,250	135,361
1973	4,277	3,713	2,148	2,568	2,635	2,725	16,984	37,983	54,098	9,874	8,638	7,810	153,454
1974	2,183	3,934	2,584	2,125	1,911	801	682	45,623	39,733	7,517	9,427	8,368	124,889
1975	4,874	2,548	1,979	2,904	2,676	3,067	3,846	3,701	72,860	21,738	9,170	8,315	137,680
1976	1,951	4,848	4,658	3,465	1,547	1,173	2,473	9,084	8,062	8,102	8,239	7,358	60,961
1977	2,404	1,745	1,036	1,011	551	561	4,827	5,450	4,569	3,994	6,851	6,744	39,744
1978	4,924	971	913	791	746	2,594	5,041	6,434	7,068	8,020	9,630	7,999	55,133
1979	3,258	1,751	1,317	1,535	689	1,782	2,021	8,829	7,621	7,805	8,437	7,782	52,828
1980	4,411	2,683	445	1,648	1,546	2,271	3,490	31,858	31,217	8,181	10,018	16,955	114,722
1981	2,852	3,790	2,372	945	1,231	700	1,079	6,677	6,857	6,768	8,574	7,205	49,049
1982	2,007	3,998	599	609	881	2,925	1,681	48,773	43,899	9,640	8,643	5,356	129,010
1983	5,947	3,044	2,964	3,003	14,298	81,450	16,002	51,013	84,121	15,446	5,557	6,133	288,977
1984	2,286	4,559	6,308	7,465	15,317	32,372	49,026	72,329	57,302	7,501	6,488	5,349	266,300
1985	1,519	5,442	3,301	3,111	6,688	16,150	46,264	62,739	13,658	6,247	7,975	5,960	179,053
1986	4,141	6,637	4,566	3,869	11,917	85,640	44,621	68,065	78,140	9,832	8,400	7,721	333,549
1987	5,988	4,565	2,781	3,140	12,898	11,487	9,998	18,287	8,678	8,423	9,965	8,393	104,602
1988	3,584	2,329	193	171	1,705	2,072	3,205	7,296	9,129	7,422	10,214	8,642	55,961
1989	14,593	1,572	356	284	564	1,223	3,234	13,683	9,771	11,970	10,787	7,738	75,774
1990	3,538	1,473	910	593	385	424	4,573	9,507	8,550	8,213	9,604	8,919	56,689
1991	5,399	818	551	463	522	433	715	4,765	7,452	6,781	6,223	7,128	41,249
1992	2,256	2,271	1,351	1,112	1,399	1,474	2,512	4,990	4,443	4,560	8,778	4,523	39,669
1993	3,065	2,387	1,240	2,221	1,545	4,312	7,942	8,116	8,120	8,305	9,132	7,575	63,960
1994	6,001	1,308	1,434	1,477	2,239	3,077	1,826	6,202	5,603	6,273	6,145	5,281	46,866
1995	4,984	2,797	2,158	2,025	2,411	5,205	3,959	639	5,127	12,950	8,544	7,671	58,469
1996	3,007	4,017	3,195	9,208	2,381	9,192	18,117	34,943	58,634	9,127	8,554	6,680	167,055
1997	2,092	2,769	3,967	3,584	1,295	12,062	42,212	69,610	50,833	9,358	8,372	6,178	212,333
1998	1,648	2,421	1,798	1,118	591	1,768	3,769	63,374	50,898	10,154	9,340	5,436	152,314
1999	2,738	2,440	822	1,050	6,386	7,311	18,337	53,077	38,264	8,238	7,751	6,128	152,542
Average	4,355	3,039	2,135	2,034	2,613	7,361	9,413	23,571	26,015	8,786	8,580	7,548	105,450
Maximum	14,593	6,637	9,714	9,627	15,317	85,640	49,026	81,837	84,121	24,231	10,787	16,955	333,549
Minimum	1,411	818	191	171	385	424	149	639	4,443	3,315	4,907	4,523	36,941

P-8d
Bonneville Unit Operations (cfs)
Provo River from Murdock to Interstate 15
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	23	67	71	16	18	14	149	186	849	144	164	153	154
1951	103	51	89	43	46	68	192	669	851	153	142	157	214
1952	44	51	74	44	47	285	701	1,331	1,070	155	151	149	342
1953	87	54	35	46	32	59	75	165	534	125	159	150	127
1954	99	31	22	17	21	33	110	143	126	122	129	117	81
1955	88	18	9	9	8	9	28	155	151	105	148	137	73
1956	74	54	25	8	8	10	97	147	154	115	149	139	82
1957	55	51	11	10	14	9	15	110	171	144	152	146	74
1958	79	46	28	8	24	9	41	168	151	134	150	147	82
1959	47	23	8	8	8	9	58	159	154	97	126	122	69
1960	64	43	3	8	8	9	136	151	146	394	80	92	95
1961	89	17	16	11	11	13	55	94	79	54	81	90	51
1962	60	22	16	13	12	10	32	142	144	132	142	108	70
1963	93	44	14	13	21	12	3	147	136	99	133	130	71
1964	161	107	11	9	11	11	24	128	139	130	152	138	85
1965	115	75	27	20	11	16	3	111	157	126	136	109	76
1966	89	57	158	157	101	205	124	286	150	134	130	122	143
1967	95	49	8	17	15	26	50	106	146	122	145	135	77
1968	93	41	41	32	30	45	43	99	717	129	150	129	129
1969	75	66	52	46	44	79	443	1,115	903	144	152	138	272
1970	66	86	28	37	25	35	41	123	364	141	153	121	102
1971	68	75	36	44	53	44	69	420	1,044	142	158	127	190
1972	52	69	46	39	33	191	66	767	505	160	163	139	186
1973	70	62	35	42	47	44	285	618	909	161	140	131	212
1974	36	66	42	35	34	13	11	742	668	122	153	141	173
1975	79	43	32	47	48	50	65	60	1,225	354	149	140	190
1976	32	81	76	56	27	19	42	148	135	132	134	124	84
1977	39	29	17	16	10	9	81	89	77	65	111	113	55
1978	80	16	15	13	13	42	85	105	119	130	157	134	76
1979	53	29	21	25	12	29	34	144	128	127	137	131	73
1980	72	45	7	27	27	37	59	518	525	133	163	285	158
1981	46	64	39	15	22	11	18	109	115	110	139	121	68
1982	33	67	10	10	16	48	28	793	738	157	141	90	178
1983	97	51	48	49	257	1,325	269	830	1,414	251	90	103	399
1984	37	77	103	121	266	527	824	1,176	963	122	106	90	367
1985	25	91	54	51	120	263	778	1,020	230	102	130	100	247
1986	67	112	74	63	215	1,393	750	1,107	1,313	160	137	130	461
1987	97	77	45	51	232	187	168	297	146	137	162	141	144
1988	58	39	3	3	30	34	54	119	153	121	166	145	77
1989	237	26	6	5	10	20	54	223	164	195	175	130	105
1990	58	25	15	10	7	7	77	155	144	134	156	150	78
1991	88	14	9	8	9	7	12	78	125	110	101	120	57
1992	37	38	22	18	24	24	42	81	75	74	143	76	55
1993	50	40	20	36	28	70	133	132	136	135	149	127	88
1994	98	22	23	24	40	50	31	101	94	102	100	89	65
1995	81	47	35	33	43	85	67	10	86	211	139	129	81
1996	49	68	52	150	41	150	304	568	985	148	139	112	230
1997	34	47	65	58	23	196	709	1,132	854	152	136	104	293
1998	27	41	29	18	11	29	63	1,031	855	165	152	91	210
1999	45	41	13	17	115	119	308	863	643	134	126	103	211
Average	71	51	35	33	47	120	158	383	437	143	140	127	146
Maximum	237	112	158	157	266	1,393	824	1,331	1,414	394	175	285	461
Minimum	23	14	3	3	7	7	3	10	75	54	80	76	51

P-8e
Bonneville Unit Operations (acre-feet)
Diversions into Provo Reservoir Canal
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	3,601	0	0	0	0	0	3,141	7,670	10,477	10,426	8,358	6,486	50,158
1951	3,394	0	0	0	0	0	3,259	8,027	10,597	10,978	9,893	7,987	54,135
1952	3,394	0	0	0	0	0	2,251	7,910	10,572	10,679	9,197	7,650	51,652
1953	3,394	0	0	0	0	0	2,985	7,506	11,008	10,481	9,465	6,790	51,629
1954	3,394	0	0	0	0	0	4,112	9,099	7,446	10,383	9,978	7,768	52,180
1955	3,394	0	0	0	0	0	2,172	7,789	11,277	12,015	9,652	6,443	52,743
1956	2,433	0	0	0	0	0	3,217	8,580	11,565	10,427	9,057	6,513	51,792
1957	3,394	0	0	0	0	0	2,172	6,785	11,009	11,886	9,873	7,962	53,081
1958	3,394	0	0	0	0	0	2,172	5,766	11,643	10,812	9,767	7,621	51,176
1959	3,394	0	0	0	0	0	3,470	7,126	11,078	9,812	9,132	7,353	51,365
1960	3,321	0	0	0	0	0	2,699	7,950	10,779	9,061	10,642	6,786	51,237
1961	2,479	0	0	0	0	0	2,102	6,231	6,888	5,361	5,297	4,838	33,195
1962	2,142	0	0	0	0	0	2,780	7,832	10,998	11,386	9,754	7,568	52,460
1963	3,394	0	0	0	0	0	3,024	8,550	11,524	11,435	9,168	7,457	54,552
1964	3,378	0	0	0	0	0	2,172	6,058	10,874	11,916	9,970	7,498	51,867
1965	3,198	0	0	0	0	0	2,452	8,640	10,670	10,852	9,242	7,683	52,738
1966	3,394	0	0	0	0	0	4,108	9,396	9,863	9,185	8,869	7,472	52,288
1967	3,394	0	0	0	0	0	2,983	8,550	10,588	11,807	10,241	8,399	55,963
1968	3,394	0	0	0	0	0	2,292	8,306	11,009	11,409	9,999	8,226	54,635
1969	3,394	0	0	0	0	0	2,335	8,427	10,253	11,546	9,969	8,204	54,128
1970	3,394	0	0	0	0	0	2,693	7,466	11,007	11,215	10,105	8,501	54,382
1971	3,394	0	0	0	0	0	4,023	8,372	10,398	10,307	8,989	7,672	53,155
1972	3,394	0	0	0	0	0	3,258	8,318	10,235	9,947	8,424	6,972	50,548
1973	3,326	0	0	0	0	0	2,172	8,116	10,524	11,803	10,413	9,009	55,364
1974	3,519	0	0	0	0	0	2,423	8,531	10,423	12,065	10,362	7,850	55,173
1975	3,257	0	0	0	0	0	2,338	6,957	11,179	12,923	14,876	9,746	61,276
1976	3,757	0	0	0	0	0	2,639	9,094	12,560	10,223	10,025	7,756	56,054
1977	3,218	0	0	0	0	0	2,215	5,832	7,563	9,533	9,611	7,073	45,045
1978	2,179	0	0	0	0	0	2,215	8,007	11,179	14,004	10,387	8,612	56,583
1979	3,493	0	0	0	0	0	2,215	8,413	12,687	10,919	10,498	8,013	56,239
1980	3,265	0	0	0	0	0	2,695	8,292	10,630	12,916	11,138	6,909	55,846
1981	3,699	0	0	0	0	0	2,417	7,647	12,583	11,222	10,287	8,417	56,272
1982	3,315	0	0	0	0	0	2,495	8,526	10,422	15,574	12,047	9,194	61,573
1983	3,279	0	0	0	0	0	2,215	4,532	11,178	16,375	14,887	10,195	62,661
1984	3,820	0	0	0	0	0	2,215	6,515	11,177	15,554	14,702	10,155	64,138
1985	3,871	0	0	0	0	0	2,215	6,515	11,592	17,014	11,126	9,034	61,368
1986	3,512	0	0	0	0	0	2,215	6,515	11,179	16,541	11,126	9,034	60,122
1987	3,512	0	0	0	0	0	3,870	8,855	8,791	10,254	12,460	7,607	55,348
1988	3,520	0	0	0	0	0	4,230	7,321	9,300	10,088	9,986	7,136	51,580
1989	3,212	0	0	0	0	0	4,230	7,321	10,445	9,766	10,200	7,036	52,209
1990	3,212	0	0	0	0	0	2,403	7,860	11,210	12,174	7,062	6,161	50,082
1991	2,412	0	0	0	0	0	2,003	6,482	11,458	11,768	9,945	5,606	49,674
1992	2,412	0	0	0	0	0	2,196	7,337	8,516	5,751	4,787	4,163	35,160
1993	2,274	0	0	0	0	0	2,816	7,888	10,903	12,174	10,926	8,832	55,813
1994	3,491	0	0	0	0	0	2,981	8,384	10,085	10,377	10,279	5,324	50,922
1995	2,412	0	0	0	0	0	2,596	8,439	10,948	12,174	10,926	8,832	56,327
1996	3,491	0	0	0	0	0	2,485	8,218	10,698	12,174	10,926	8,832	56,824
1997	3,491	0	0	0	0	0	2,485	7,226	10,994	15,119	11,779	9,162	60,256
1998	3,601	0	0	0	0	0	2,485	7,226	11,000	12,822	11,340	9,162	57,637
1999	3,601	0	0	0	0	0	2,485	7,226	11,000	12,743	10,951	9,065	57,071
Average	3,260	0	0	0	0	0	2,716	7,673	10,640	11,548	10,162	7,755	53,754
Maximum	3,871	0	0	0	0	0	4,230	9,396	12,687	17,014	14,887	10,195	64,138
Minimum	2,142	0	0	0	0	0	2,003	4,532	6,888	5,361	4,787	4,163	33,195

P-8e
Bonneville Unit Operations (cfs)
Diversions into Provo Reservoir Canal
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	59	0	0	0	0	0	53	125	176	170	136	109	69
1951	55	0	0	0	0	0	55	131	178	179	161	134	75
1952	55	0	0	0	0	0	38	129	178	174	150	129	71
1953	55	0	0	0	0	0	50	122	185	170	154	114	71
1954	55	0	0	0	0	0	69	148	125	169	162	131	72
1955	55	0	0	0	0	0	37	127	190	195	157	108	73
1956	40	0	0	0	0	0	54	140	194	170	147	109	71
1957	55	0	0	0	0	0	37	110	185	193	161	134	73
1958	55	0	0	0	0	0	37	94	196	176	159	128	71
1959	55	0	0	0	0	0	58	116	186	160	149	124	71
1960	54	0	0	0	0	0	45	129	181	147	173	114	71
1961	40	0	0	0	0	0	35	101	116	87	86	81	46
1962	35	0	0	0	0	0	47	127	185	185	159	127	72
1963	55	0	0	0	0	0	51	139	194	186	149	125	75
1964	55	0	0	0	0	0	37	99	183	194	162	126	71
1965	52	0	0	0	0	0	41	141	179	176	150	129	73
1966	55	0	0	0	0	0	69	153	166	149	144	126	72
1967	55	0	0	0	0	0	50	139	178	192	167	141	77
1968	55	0	0	0	0	0	39	135	185	186	163	138	75
1969	55	0	0	0	0	0	39	137	172	188	162	138	75
1970	55	0	0	0	0	0	45	121	185	182	164	143	75
1971	55	0	0	0	0	0	68	136	175	168	146	129	73
1972	55	0	0	0	0	0	55	135	172	162	137	117	70
1973	54	0	0	0	0	0	37	132	177	192	169	151	76
1974	57	0	0	0	0	0	41	139	175	196	169	132	76
1975	53	0	0	0	0	0	39	113	188	210	242	164	85
1976	61	0	0	0	0	0	44	148	211	166	163	130	77
1977	52	0	0	0	0	0	37	95	127	155	156	119	62
1978	35	0	0	0	0	0	37	130	188	228	169	145	78
1979	57	0	0	0	0	0	37	137	213	178	171	135	78
1980	53	0	0	0	0	0	45	135	179	210	181	116	77
1981	60	0	0	0	0	0	41	124	211	183	167	141	78
1982	54	0	0	0	0	0	42	139	175	253	196	155	85
1983	53	0	0	0	0	0	37	74	188	266	242	171	87
1984	62	0	0	0	0	0	37	106	188	253	239	171	88
1985	63	0	0	0	0	0	37	106	195	277	181	152	85
1986	57	0	0	0	0	0	37	106	188	269	181	152	83
1987	57	0	0	0	0	0	65	144	148	167	203	128	76
1988	57	0	0	0	0	0	71	119	156	164	162	120	71
1989	52	0	0	0	0	0	71	119	176	159	166	118	72
1990	52	0	0	0	0	0	40	128	188	198	115	104	69
1991	39	0	0	0	0	0	34	105	193	191	162	94	69
1992	39	0	0	0	0	0	37	119	143	94	78	70	48
1993	37	0	0	0	0	0	47	128	183	198	178	148	77
1994	57	0	0	0	0	0	50	136	169	169	167	89	70
1995	39	0	0	0	0	0	44	137	184	198	178	148	78
1996	57	0	0	0	0	0	42	134	180	198	178	148	78
1997	57	0	0	0	0	0	42	118	185	246	192	154	83
1998	59	0	0	0	0	0	42	118	185	209	184	154	80
1999	59	0	0	0	0	0	42	118	185	207	178	152	79
Average	53	0	0	0	0	0	46	125	179	188	165	130	74
Maximum	63	0	0	0	0	0	71	153	213	277	242	171	88
Minimum	35	0	0	0	0	0	34	74	116	87	78	70	46

P-8f
Bonneville Unit Operations (acre-feet)
ULS Water Conveyed through Provo reservoir Canal
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1951	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1952	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1953	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1954	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1955	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1956	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1957	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1958	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1959	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1960	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1961	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1962	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1963	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1964	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1965	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1966	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1967	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1968	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1969	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1970	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1971	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1972	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1973	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1974	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1975	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1976	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1977	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1978	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1979	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1980	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1981	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1982	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1983	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1984	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1985	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1986	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1987	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1988	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1989	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1990	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1991	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1992	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1993	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1994	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1995	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1996	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1997	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1998	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1999	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
Average	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
Maximum	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
Minimum	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490

P-8f
Bonneville Unit Operations (cfs)
ULS Water Conveyed through Provo reservoir Canal
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	35	0	0	0	0	0	31	44	75	82	78	61	34
1951	35	0	0	0	0	0	31	44	75	82	78	61	34
1952	35	0	0	0	0	0	31	44	75	82	78	61	34
1953	35	0	0	0	0	0	31	44	75	82	78	61	34
1954	35	0	0	0	0	0	31	44	75	82	78	61	34
1955	35	0	0	0	0	0	31	44	75	82	78	61	34
1956	35	0	0	0	0	0	31	44	75	82	78	61	34
1957	35	0	0	0	0	0	31	44	75	82	78	61	34
1958	35	0	0	0	0	0	31	44	75	82	78	61	34
1959	35	0	0	0	0	0	31	44	75	82	78	61	34
1960	35	0	0	0	0	0	31	44	75	82	78	61	34
1961	35	0	0	0	0	0	31	44	75	82	78	61	34
1962	35	0	0	0	0	0	31	44	75	82	78	61	34
1963	35	0	0	0	0	0	31	44	75	82	78	61	34
1964	35	0	0	0	0	0	31	44	75	82	78	61	34
1965	35	0	0	0	0	0	31	44	75	82	78	61	34
1966	35	0	0	0	0	0	31	44	75	82	78	61	34
1967	35	0	0	0	0	0	31	44	75	82	78	61	34
1968	35	0	0	0	0	0	31	44	75	82	78	61	34
1969	35	0	0	0	0	0	31	44	75	82	78	61	34
1970	35	0	0	0	0	0	31	44	75	82	78	61	34
1971	35	0	0	0	0	0	31	44	75	82	78	61	34
1972	35	0	0	0	0	0	31	44	75	82	78	61	34
1973	35	0	0	0	0	0	31	44	75	82	78	61	34
1974	35	0	0	0	0	0	31	44	75	82	78	61	34
1975	35	0	0	0	0	0	31	44	75	82	78	61	34
1976	35	0	0	0	0	0	31	44	75	82	78	61	34
1977	35	0	0	0	0	0	31	44	75	82	78	61	34
1978	35	0	0	0	0	0	31	44	75	82	78	61	34
1979	35	0	0	0	0	0	31	44	75	82	78	61	34
1980	35	0	0	0	0	0	31	44	75	82	78	61	34
1981	35	0	0	0	0	0	31	44	75	82	78	61	34
1982	35	0	0	0	0	0	31	44	75	82	78	61	34
1983	35	0	0	0	0	0	31	44	75	82	78	61	34
1984	35	0	0	0	0	0	31	44	75	82	78	61	34
1985	35	0	0	0	0	0	31	44	75	82	78	61	34
1986	35	0	0	0	0	0	31	44	75	82	78	61	34
1987	35	0	0	0	0	0	31	44	75	82	78	61	34
1988	35	0	0	0	0	0	31	44	75	82	78	61	34
1989	35	0	0	0	0	0	31	44	75	82	78	61	34
1990	35	0	0	0	0	0	31	44	75	82	78	61	34
1991	35	0	0	0	0	0	31	44	75	82	78	61	34
1992	35	0	0	0	0	0	31	44	75	82	78	61	34
1993	35	0	0	0	0	0	31	44	75	82	78	61	34
1994	35	0	0	0	0	0	31	44	75	82	78	61	34
1995	35	0	0	0	0	0	31	44	75	82	78	61	34
1996	35	0	0	0	0	0	31	44	75	82	78	61	34
1997	35	0	0	0	0	0	31	44	75	82	78	61	34
1998	35	0	0	0	0	0	31	44	75	82	78	61	34
1999	35	0	0	0	0	0	31	44	75	82	78	61	34
Average	35	0	0	0	0	0	31	44	75	82	78	61	34
Maximum	35	0	0	0	0	0	31	44	75	82	78	61	34
Minimum	35	0	0	0	0	0	31	44	75	82	78	61	34

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Bonneville Unit Operations (acre-feet)

Portion of ULS Water conveyed through Provo Reservoir Canal

CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1951	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1952	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1953	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1954	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1955	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1956	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1957	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1958	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1959	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1960	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1961	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1962	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1963	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1964	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1965	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1966	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1967	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1968	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1969	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1970	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1971	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1972	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1973	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1974	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1975	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1976	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1977	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1978	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1979	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1980	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1981	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1982	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1983	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1984	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1985	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1986	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1987	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1988	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1989	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1990	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1991	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1992	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1993	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1994	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1995	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1996	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1997	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1998	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
1999	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
Average	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
Maximum	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490
Minimum	2,127	0	0	0	0	0	1,815	2,685	4,440	5,040	4,783	3,600	24,490

P-8f-i

Bonneville Unit Operations (cfs)

Portion of ULS Water conveyed through Provo Reservoir Canal

CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	35	0	0	0	0	0	31	44	75	82	78	61	34
1951	35	0	0	0	0	0	31	44	75	82	78	61	34
1952	35	0	0	0	0	0	31	44	75	82	78	61	34
1953	35	0	0	0	0	0	31	44	75	82	78	61	34
1954	35	0	0	0	0	0	31	44	75	82	78	61	34
1955	35	0	0	0	0	0	31	44	75	82	78	61	34
1956	35	0	0	0	0	0	31	44	75	82	78	61	34
1957	35	0	0	0	0	0	31	44	75	82	78	61	34
1958	35	0	0	0	0	0	31	44	75	82	78	61	34
1959	35	0	0	0	0	0	31	44	75	82	78	61	34
1960	35	0	0	0	0	0	31	44	75	82	78	61	34
1961	35	0	0	0	0	0	31	44	75	82	78	61	34
1962	35	0	0	0	0	0	31	44	75	82	78	61	34
1963	35	0	0	0	0	0	31	44	75	82	78	61	34
1964	35	0	0	0	0	0	31	44	75	82	78	61	34
1965	35	0	0	0	0	0	31	44	75	82	78	61	34
1966	35	0	0	0	0	0	31	44	75	82	78	61	34
1967	35	0	0	0	0	0	31	44	75	82	78	61	34
1968	35	0	0	0	0	0	31	44	75	82	78	61	34
1969	35	0	0	0	0	0	31	44	75	82	78	61	34
1970	35	0	0	0	0	0	31	44	75	82	78	61	34
1971	35	0	0	0	0	0	31	44	75	82	78	61	34
1972	35	0	0	0	0	0	31	44	75	82	78	61	34
1973	35	0	0	0	0	0	31	44	75	82	78	61	34
1974	35	0	0	0	0	0	31	44	75	82	78	61	34
1975	35	0	0	0	0	0	31	44	75	82	78	61	34
1976	35	0	0	0	0	0	31	44	75	82	78	61	34
1977	35	0	0	0	0	0	31	44	75	82	78	61	34
1978	35	0	0	0	0	0	31	44	75	82	78	61	34
1979	35	0	0	0	0	0	31	44	75	82	78	61	34
1980	35	0	0	0	0	0	31	44	75	82	78	61	34
1981	35	0	0	0	0	0	31	44	75	82	78	61	34
1982	35	0	0	0	0	0	31	44	75	82	78	61	34
1983	35	0	0	0	0	0	31	44	75	82	78	61	34
1984	35	0	0	0	0	0	31	44	75	82	78	61	34
1985	35	0	0	0	0	0	31	44	75	82	78	61	34
1986	35	0	0	0	0	0	31	44	75	82	78	61	34
1987	35	0	0	0	0	0	31	44	75	82	78	61	34
1988	35	0	0	0	0	0	31	44	75	82	78	61	34
1989	35	0	0	0	0	0	31	44	75	82	78	61	34
1990	35	0	0	0	0	0	31	44	75	82	78	61	34
1991	35	0	0	0	0	0	31	44	75	82	78	61	34
1992	35	0	0	0	0	0	31	44	75	82	78	61	34
1993	35	0	0	0	0	0	31	44	75	82	78	61	34
1994	35	0	0	0	0	0	31	44	75	82	78	61	34
1995	35	0	0	0	0	0	31	44	75	82	78	61	34
1996	35	0	0	0	0	0	31	44	75	82	78	61	34
1997	35	0	0	0	0	0	31	44	75	82	78	61	34
1998	35	0	0	0	0	0	31	44	75	82	78	61	34
1999	35	0	0	0	0	0	31	44	75	82	78	61	34
Average	35	0	0	0	0	0	31	44	75	82	78	61	34
Maximum	35	0	0	0	0	0	31	44	75	82	78	61	34
Minimum	35	0	0	0	0	0	31	44	75	82	78	61	34

P-8f-ii
Bonneville Unit Operations (acre-feet)
Total ULS Flow to Jordan Aqueduct
CUP

Water Yea	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1951	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1952	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1953	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1954	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1955	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1956	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1957	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1958	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1959	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1960	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1961	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1962	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1963	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1964	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1965	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1966	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1967	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1968	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1969	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1970	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1971	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1972	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1973	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1974	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1975	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1976	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1977	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1978	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1979	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1980	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1981	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1982	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1983	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1984	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1985	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1986	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1987	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1988	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1989	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1990	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1991	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1992	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1993	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1994	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1995	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1996	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1997	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1998	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
1999	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
Average	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
Maximum	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510
Minimum	0	1,216	1,216	931	931	1,216	0	0	0	0	0	0	5,510

P-8f-ii
Bonneville Unit Operations (cfs)
Total ULS Flow to Jordan Aqueduct
CUP

Water Yea	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	0	20	20	15	17	20	0	0	0	0	0	0	8
1951	0	20	20	15	17	20	0	0	0	0	0	0	8
1952	0	20	20	15	16	20	0	0	0	0	0	0	8
1953	0	20	20	15	17	20	0	0	0	0	0	0	8
1954	0	20	20	15	17	20	0	0	0	0	0	0	8
1955	0	20	20	15	17	20	0	0	0	0	0	0	8
1956	0	20	20	15	16	20	0	0	0	0	0	0	8
1957	0	20	20	15	17	20	0	0	0	0	0	0	8
1958	0	20	20	15	17	20	0	0	0	0	0	0	8
1959	0	20	20	15	17	20	0	0	0	0	0	0	8
1960	0	20	20	15	16	20	0	0	0	0	0	0	8
1961	0	20	20	15	17	20	0	0	0	0	0	0	8
1962	0	20	20	15	17	20	0	0	0	0	0	0	8
1963	0	20	20	15	17	20	0	0	0	0	0	0	8
1964	0	20	20	15	16	20	0	0	0	0	0	0	8
1965	0	20	20	15	17	20	0	0	0	0	0	0	8
1966	0	20	20	15	17	20	0	0	0	0	0	0	8
1967	0	20	20	15	17	20	0	0	0	0	0	0	8
1968	0	20	20	15	16	20	0	0	0	0	0	0	8
1969	0	20	20	15	17	20	0	0	0	0	0	0	8
1970	0	20	20	15	17	20	0	0	0	0	0	0	8
1971	0	20	20	15	17	20	0	0	0	0	0	0	8
1972	0	20	20	15	16	20	0	0	0	0	0	0	8
1973	0	20	20	15	17	20	0	0	0	0	0	0	8
1974	0	20	20	15	17	20	0	0	0	0	0	0	8
1975	0	20	20	15	17	20	0	0	0	0	0	0	8
1976	0	20	20	15	16	20	0	0	0	0	0	0	8
1977	0	20	20	15	17	20	0	0	0	0	0	0	8
1978	0	20	20	15	17	20	0	0	0	0	0	0	8
1979	0	20	20	15	17	20	0	0	0	0	0	0	8
1980	0	20	20	15	16	20	0	0	0	0	0	0	8
1981	0	20	20	15	17	20	0	0	0	0	0	0	8
1982	0	20	20	15	17	20	0	0	0	0	0	0	8
1983	0	20	20	15	17	20	0	0	0	0	0	0	8
1984	0	20	20	15	16	20	0	0	0	0	0	0	8
1985	0	20	20	15	17	20	0	0	0	0	0	0	8
1986	0	20	20	15	17	20	0	0	0	0	0	0	8
1987	0	20	20	15	17	20	0	0	0	0	0	0	8
1988	0	20	20	15	16	20	0	0	0	0	0	0	8
1989	0	20	20	15	17	20	0	0	0	0	0	0	8
1990	0	20	20	15	17	20	0	0	0	0	0	0	8
1991	0	20	20	15	17	20	0	0	0	0	0	0	8
1992	0	20	20	15	16	20	0	0	0	0	0	0	8
1993	0	20	20	15	17	20	0	0	0	0	0	0	8
1994	0	20	20	15	17	20	0	0	0	0	0	0	8
1995	0	20	20	15	17	20	0	0	0	0	0	0	8
1996	0	20	20	15	16	20	0	0	0	0	0	0	8
1997	0	20	20	15	17	20	0	0	0	0	0	0	8
1998	0	20	20	15	17	20	0	0	0	0	0	0	8
1999	0	20	20	15	17	20	0	0	0	0	0	0	8
Average	0	20	20	15	17	20	0	0	0	0	0	0	8
Maximum	0	20	20	15	17	20	0	0	0	0	0	0	8
Minimum	0	20	20	15	16	20	0	0	0	0	0	0	8

P-8g
Bonneville Unit Operations (acre-feet)
Diversions into Provo Reservoir Canal
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	1,079	0	0	0	0	0	357	1,075	1,728	2,239	2,325	1,449	10,252
1951	961	0	0	0	0	0	357	1,075	1,728	2,687	2,794	1,785	11,389
1952	961	0	0	0	0	0	357	1,075	1,728	2,021	2,098	1,286	9,528
1953	961	0	0	0	0	0	357	1,075	1,728	3,092	3,218	2,089	12,521
1954	961	0	0	0	0	0	357	1,075	1,728	3,336	3,279	2,133	12,870
1955	961	0	0	0	0	0	357	1,075	1,728	4,139	3,475	1,457	13,194
1956	0	0	0	0	0	0	357	1,075	1,728	2,918	3,036	1,959	11,075
1957	961	0	0	0	0	0	357	1,075	1,728	3,237	3,369	2,198	12,926
1958	961	0	0	0	0	0	357	1,075	1,728	3,179	3,309	2,154	12,765
1959	961	0	0	0	0	0	357	1,075	1,728	3,295	3,430	2,241	13,088
1960	961	0	0	0	0	0	357	1,075	1,728	3,468	5,324	2,372	15,286
1961	0	0	0	0	0	0	0	1,075	1,728	0	0	0	2,804
1962	0	0	0	0	0	0	357	1,075	1,728	3,410	3,551	2,328	12,451
1963	961	0	0	0	0	0	357	1,075	1,728	3,251	3,385	2,209	12,967
1964	961	0	0	0	0	0	357	1,075	1,728	3,309	3,445	2,252	13,129
1965	961	0	0	0	0	0	357	1,075	1,728	2,065	2,144	1,319	9,649
1966	961	0	0	0	0	0	357	1,075	1,728	2,904	3,021	1,948	11,996
1967	961	0	0	0	0	0	357	1,075	1,728	3,020	3,142	2,035	12,320
1968	961	0	0	0	0	0	357	1,075	1,728	2,788	2,900	1,861	11,672
1969	961	0	0	0	0	0	357	1,075	1,728	2,759	2,870	1,840	11,591
1970	961	0	0	0	0	0	357	1,075	1,728	3,164	3,294	2,144	12,724
1971	961	0	0	0	0	0	357	1,075	1,728	2,050	2,129	1,308	9,609
1972	961	0	0	0	0	0	357	1,075	1,728	2,094	2,174	1,340	9,730
1973	961	0	0	0	0	0	357	1,075	1,728	2,730	2,840	1,818	11,510
1974	961	0	0	0	0	0	400	1,171	1,899	3,866	4,028	2,670	14,995
1975	1,079	0	0	0	0	0	400	1,171	1,899	3,866	6,899	2,670	17,984
1976	1,079	0	0	0	0	0	400	1,171	1,899	3,866	4,028	2,670	15,112
1977	1,079	0	0	0	0	0	400	1,171	1,899	3,866	4,028	2,670	15,112
1978	0	0	0	0	0	0	400	1,171	1,899	5,764	4,028	2,670	15,932
1979	1,079	0	0	0	0	0	400	1,171	2,168	3,866	4,028	2,670	15,381
1980	1,079	0	0	0	0	0	400	1,171	1,899	3,866	4,028	2,670	15,112
1981	1,079	0	0	0	0	0	400	1,171	1,899	3,866	4,028	2,670	15,112
1982	1,079	0	0	0	0	0	400	1,171	1,899	5,736	4,028	2,670	16,982
1983	1,079	0	0	0	0	0	400	1,171	1,899	6,858	6,413	2,670	20,490
1984	1,079	0	0	0	0	0	400	1,171	1,899	5,809	6,253	2,670	19,281
1985	1,079	0	0	0	0	0	400	1,171	1,899	8,227	4,028	2,670	19,473
1986	1,079	0	0	0	0	0	400	1,171	1,899	7,753	4,028	2,670	19,000
1987	1,079	0	0	0	0	0	400	1,171	1,899	3,866	5,924	2,670	17,009
1988	1,079	0	0	0	0	0	400	1,171	1,899	3,866	4,028	2,670	15,112
1989	1,079	0	0	0	0	0	400	1,171	1,899	3,866	4,028	2,670	15,112
1990	1,079	0	0	0	0	0	400	1,171	1,899	3,866	164	0	8,578
1991	0	0	0	0	0	0	0	1,171	1,899	3,866	4,028	99	11,062
1992	0	0	0	0	0	0	0	1,171	1,285	0	0	0	2,456
1993	0	0	0	0	0	0	400	1,171	1,899	3,866	4,028	2,670	14,034
1994	1,079	0	0	0	0	0	400	1,171	1,899	3,866	4,028	859	13,301
1995	0	0	0	0	0	0	400	1,171	1,899	3,866	4,028	2,670	14,034
1996	1,079	0	0	0	0	0	400	1,171	1,899	3,866	4,028	2,670	15,112
1997	1,079	0	0	0	0	0	400	1,171	1,899	6,297	4,467	2,670	17,983
1998	1,079	0	0	0	0	0	400	1,171	1,899	3,866	4,028	2,670	15,112
1999	1,079	0	0	0	0	0	400	1,171	1,899	3,866	4,028	2,670	15,112
Average	857	0	0	0	0	0	356	1,125	1,810	3,664	3,544	2,065	13,421
Maximum	1,079	0	0	0	0	0	400	1,171	2,168	8,227	6,899	2,670	20,490
Minimum	0	0	0	0	0	0	0	1,075	1,285	0	0	0	2,456

P-8g
Bonneville Unit Operations (cfs)
Diversions into Provo Reservoir Canal
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	18	0	0	0	0	0	6	17	29	36	38	24	14
1951	16	0	0	0	0	0	6	17	29	44	45	30	16
1952	18	0	0	0	0	0	6	17	29	36	38	24	13
1953	16	0	0	0	0	0	6	17	29	44	45	30	17
1954	16	0	0	0	0	0	6	17	29	33	34	22	18
1955	16	0	0	0	0	0	6	17	29	50	52	35	18
1956	16	0	0	0	0	0	6	17	29	54	53	36	15
1957	16	0	0	0	0	0	6	17	29	67	57	24	18
1958	0	0	0	0	0	0	6	17	29	47	49	33	18
1959	16	0	0	0	0	0	6	17	29	53	55	37	18
1960	16	0	0	0	0	0	6	17	29	52	54	36	21
1961	16	0	0	0	0	0	6	17	29	54	56	38	4
1962	16	0	0	0	0	0	6	17	29	56	87	40	17
1963	0	0	0	0	0	0	0	17	29	0	0	0	18
1964	0	0	0	0	0	0	6	17	29	55	58	39	18
1965	16	0	0	0	0	0	6	17	29	53	55	37	13
1966	16	0	0	0	0	0	6	17	29	54	56	38	17
1967	16	0	0	0	0	0	6	17	29	34	35	22	17
1968	16	0	0	0	0	0	6	17	29	47	49	33	16
1969	16	0	0	0	0	0	6	17	29	49	51	34	16
1970	16	0	0	0	0	0	6	17	29	45	47	31	18
1971	16	0	0	0	0	0	6	17	29	45	47	31	13
1972	16	0	0	0	0	0	6	17	29	51	54	36	13
1973	16	0	0	0	0	0	6	17	29	33	35	22	16
1974	16	0	0	0	0	0	6	17	29	34	35	23	21
1975	16	0	0	0	0	0	6	17	29	44	46	31	25
1976	16	0	0	0	0	0	7	19	32	63	66	45	21
1977	18	0	0	0	0	0	7	19	32	63	112	45	21
1978	18	0	0	0	0	0	7	19	32	63	66	45	22
1979	18	0	0	0	0	0	7	19	32	63	66	45	21
1980	0	0	0	0	0	0	7	19	32	94	66	45	21
1981	18	0	0	0	0	0	7	19	36	63	66	45	21
1982	18	0	0	0	0	0	7	19	32	63	66	45	23
1983	18	0	0	0	0	0	7	19	32	63	66	45	28
1984	18	0	0	0	0	0	7	19	32	93	66	45	27
1985	18	0	0	0	0	0	7	19	32	112	104	45	27
1986	18	0	0	0	0	0	7	19	32	94	102	45	26
1987	18	0	0	0	0	0	7	19	32	134	66	45	23
1988	18	0	0	0	0	0	7	19	32	126	66	45	21
1989	18	0	0	0	0	0	7	19	32	63	96	45	21
1990	18	0	0	0	0	0	7	19	32	63	66	45	12
1991	18	0	0	0	0	0	7	19	32	63	66	45	15
1992	18	0	0	0	0	0	7	19	32	63	3	0	3
1993	0	0	0	0	0	0	0	19	32	63	66	2	19
1994	0	0	0	0	0	0	0	19	22	0	0	0	18
1995	0	0	0	0	0	0	7	19	32	63	66	45	19
1996	18	0	0	0	0	0	7	19	32	63	66	14	21
1997	0	0	0	0	0	0	7	19	32	63	66	45	25
1998	18	0	0	0	0	0	7	19	32	63	66	45	21
1999	18	0	0	0	0	0	7	19	32	102	73	45	21
Average	14	0	0	0	0	0	6	18	30	59	57	34	19
Maximum	18	0	0	0	0	0	7	19	36	134	112	45	28
Minimum	0	0	0	0	0	0	0	17	22	0	0	0	3

P-8h
Bonneville Unit Operations (acre-feet)
Diversions into Provo Reservoir Canal
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	395	0	0	0	0	0	968	3,909	4,308	3,148	1,250	1,437	15,416
1951	306	0	0	0	0	0	1,087	4,266	4,428	3,251	2,316	2,602	18,256
1952	306	0	0	0	0	0	79	4,149	4,403	3,618	2,316	2,764	17,635
1953	306	0	0	0	0	0	812	3,745	4,840	2,349	1,464	1,100	14,617
1954	306	0	0	0	0	0	1,939	5,338	1,278	2,006	1,916	2,035	14,820
1955	306	0	0	0	0	0	0	4,029	5,108	2,836	1,394	1,386	15,060
1956	306	0	0	0	0	0	1,045	4,819	5,396	2,469	1,238	954	16,228
1957	306	0	0	0	0	0	0	3,024	4,841	3,609	1,721	2,164	15,664
1958	306	0	0	0	0	0	0	2,006	5,475	2,593	1,675	1,867	13,921
1959	306	0	0	0	0	0	1,297	3,365	4,909	1,478	919	1,512	13,787
1960	233	0	0	0	0	0	527	4,190	4,611	553	535	814	11,461
1961	352	0	0	0	0	0	287	2,471	720	321	514	1,238	5,901
1962	15	0	0	0	0	0	608	4,072	4,829	2,936	1,419	1,639	15,519
1963	306	0	0	0	0	0	852	4,790	5,355	3,144	1,000	1,648	17,095
1964	290	0	0	0	0	0	0	2,297	4,706	3,567	1,742	1,646	14,248
1965	110	0	0	0	0	0	280	4,880	4,502	3,747	2,316	2,764	18,599
1966	306	0	0	0	0	0	1,935	5,636	3,695	1,241	1,065	1,924	15,801
1967	306	0	0	0	0	0	811	4,790	4,420	3,747	2,316	2,764	19,153
1968	306	0	0	0	0	0	119	4,546	4,841	3,581	2,316	2,764	18,473
1969	306	0	0	0	0	0	162	4,667	4,085	3,747	2,316	2,764	18,047
1970	306	0	0	0	0	0	521	3,706	4,839	3,011	2,029	2,757	17,168
1971	306	0	0	0	0	0	1,851	4,612	4,230	3,216	2,077	2,764	19,056
1972	306	0	0	0	0	0	1,085	4,558	4,067	2,814	1,467	2,032	16,328
1973	238	0	0	0	0	0	0	4,356	4,356	4,033	2,790	3,591	19,364
1974	431	0	0	0	0	0	208	4,675	4,084	3,159	1,551	1,580	15,688
1975	51	0	0	0	0	0	123	3,101	4,841	4,017	3,194	3,475	18,803
1976	552	0	0	0	0	0	424	5,238	6,221	1,317	1,214	1,485	16,451
1977	13	0	0	0	0	0	0	1,976	1,225	627	800	803	5,442
1978	52	0	0	0	0	0	0	4,151	4,840	3,199	1,576	2,342	16,161
1979	288	0	0	0	0	0	0	4,558	6,080	2,012	1,688	1,742	16,368
1980	59	0	0	0	0	0	480	4,436	4,292	4,010	2,327	639	16,243
1981	494	0	0	0	0	0	202	3,791	6,244	2,316	1,476	2,147	16,670
1982	109	0	0	0	0	0	280	4,670	4,083	4,798	3,236	2,924	20,101
1983	73	0	0	0	0	0	0	676	4,839	4,477	3,691	3,925	17,681
1984	615	0	0	0	0	0	0	2,659	4,838	4,705	3,666	3,885	20,367
1985	665	0	0	0	0	0	0	2,659	5,254	3,747	2,316	2,764	17,405
1986	306	0	0	0	0	0	0	2,659	4,841	3,747	2,316	2,764	16,632
1987	306	0	0	0	0	0	1,655	4,999	2,452	1,348	1,753	1,337	13,849
1988	314	0	0	0	0	0	2,015	3,465	2,961	1,182	1,175	865	11,977
1989	6	0	0	0	0	0	2,015	3,465	4,106	860	1,389	765	12,607
1990	6	0	0	0	0	0	188	4,004	4,871	3,268	2,116	2,561	17,014
1991	285	0	0	0	0	0	188	2,626	5,119	2,861	1,135	1,907	14,122
1992	285	0	0	0	0	0	381	3,481	2,790	711	4	563	8,214
1993	147	0	0	0	0	0	601	4,032	4,564	3,268	2,116	2,561	17,289
1994	285	0	0	0	0	0	766	4,528	3,746	1,471	1,469	865	13,131
1995	285	0	0	0	0	0	381	4,583	4,610	3,268	2,116	2,561	17,803
1996	285	0	0	0	0	0	270	4,362	4,359	3,268	2,116	2,561	17,222
1997	285	0	0	0	0	0	270	3,370	4,655	3,781	2,529	2,892	17,784
1998	395	0	0	0	0	0	270	3,370	4,661	3,916	2,529	2,892	18,034
1999	395	0	0	0	0	0	270	3,370	4,661	3,837	2,140	2,795	17,469
Average	276	0	0	0	0	0	545	3,863	4,390	2,844	1,835	2,091	15,843
Maximum	665	0	0	0	0	0	2,015	5,636	6,244	4,798	3,691	3,925	20,367
Minimum	6	0	0	0	0	0	0	676	720	321	4	563	5,442

P-8h
Bonneville Unit Operations (cfs)
Diversions into Provo Reservoir Canal
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	6	0	0	0	0	0	16	64	72	51	20	24	21
1951	5	0	0	0	0	0	18	69	74	53	38	44	25
1952	5	0	0	0	0	0	1	67	74	59	38	46	24
1953	5	0	0	0	0	0	14	61	81	38	24	18	20
1954	5	0	0	0	0	0	33	87	21	33	31	34	20
1955	5	0	0	0	0	0	0	66	86	46	23	23	21
1956	5	0	0	0	0	0	18	78	91	40	20	16	22
1957	5	0	0	0	0	0	0	49	81	59	28	36	22
1958	5	0	0	0	0	0	0	33	92	42	27	31	19
1959	5	0	0	0	0	0	22	55	83	24	15	25	19
1960	4	0	0	0	0	0	9	68	77	9	9	14	16
1961	6	0	0	0	0	0	5	40	12	5	8	21	8
1962	0	0	0	0	0	0	10	66	81	48	23	28	21
1963	5	0	0	0	0	0	14	78	90	51	16	28	24
1964	5	0	0	0	0	0	0	37	79	58	28	28	20
1965	2	0	0	0	0	0	5	79	76	61	38	46	26
1966	5	0	0	0	0	0	33	92	62	20	17	32	22
1967	5	0	0	0	0	0	14	78	74	61	38	46	26
1968	5	0	0	0	0	0	2	74	81	58	38	46	25
1969	5	0	0	0	0	0	3	76	69	61	38	46	25
1970	5	0	0	0	0	0	9	60	81	49	33	46	24
1971	5	0	0	0	0	0	31	75	71	52	34	46	26
1972	5	0	0	0	0	0	18	74	68	46	24	34	22
1973	4	0	0	0	0	0	0	71	73	66	45	60	27
1974	7	0	0	0	0	0	3	76	69	51	25	27	22
1975	1	0	0	0	0	0	2	50	81	65	52	58	26
1976	9	0	0	0	0	0	7	85	105	21	20	25	23
1977	0	0	0	0	0	0	0	32	21	10	13	13	8
1978	1	0	0	0	0	0	0	68	81	52	26	39	22
1979	5	0	0	0	0	0	0	74	102	33	27	29	23
1980	1	0	0	0	0	0	8	72	72	65	38	11	22
1981	8	0	0	0	0	0	3	62	105	38	24	36	23
1982	2	0	0	0	0	0	5	76	69	78	53	49	28
1983	1	0	0	0	0	0	0	11	81	73	60	66	24
1984	10	0	0	0	0	0	0	43	81	77	60	65	28
1985	11	0	0	0	0	0	0	43	88	61	38	46	24
1986	5	0	0	0	0	0	0	43	81	61	38	46	23
1987	5	0	0	0	0	0	28	81	41	22	29	22	19
1988	5	0	0	0	0	0	34	56	50	19	19	15	16
1989	0	0	0	0	0	0	34	56	69	14	23	13	17
1990	0	0	0	0	0	0	3	65	82	53	34	43	24
1991	5	0	0	0	0	0	3	43	86	47	18	32	20
1992	5	0	0	0	0	0	6	57	47	12	0	9	11
1993	2	0	0	0	0	0	10	66	77	53	34	43	24
1994	5	0	0	0	0	0	13	74	63	24	24	15	18
1995	5	0	0	0	0	0	6	75	77	53	34	43	25
1996	5	0	0	0	0	0	5	71	73	53	34	43	24
1997	5	0	0	0	0	0	5	55	78	62	41	49	25
1998	6	0	0	0	0	0	5	55	78	64	41	49	25
1999	6	0	0	0	0	0	5	55	78	62	35	47	24
Average	4	0	0	0	0	0	9	63	74	46	30	35	22
Maximum	11	0	0	0	0	0	34	92	105	78	60	66	28
Minimum	0	0	0	0	0	0	0	11	12	5	0	9	8

P-9a
Bonneville Unit Operations (acre-feet)
Provo River from Interstate 15 to Utah Lake
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	4,611	4,580	6,641	3,895	2,443	2,944	10,719	39,853	43,035	7,727	4,100	4,463	135,012
1951	1,544	2,623	5,631	4,376	4,082	4,950	7,390	52,868	43,424	4,428	1,535	1,167	134,018
1952	2,893	2,542	4,632	4,148	2,542	17,260	49,455	87,148	62,890	5,062	1,309	957	240,837
1953	1,581	2,663	5,168	4,370	3,041	6,979	6,572	13,925	48,338	2,995	1,742	1,359	98,733
1954	1,616	4,838	2,988	2,280	2,249	1,626	4,879	5,001	1,731	2,319	1,606	1,167	32,301
1955	1,558	2,477	1,701	1,650	1,461	1,594	4,879	7,308	2,862	2,537	1,793	1,081	30,902
1956	1,777	3,320	4,147	1,689	1,535	1,634	4,879	8,703	5,643	4,611	2,083	1,256	41,279
1957	1,291	3,234	2,098	1,836	1,854	1,612	4,879	7,707	20,368	5,250	4,381	2,666	57,176
1958	1,649	4,974	2,119	1,690	1,702	1,659	4,879	30,149	13,734	4,611	4,318	3,127	74,613
1959	1,261	2,954	1,983	1,658	1,463	1,606	4,879	8,313	4,768	2,984	1,712	1,264	34,847
1960	1,374	2,611	1,743	1,672	1,524	1,623	4,879	7,657	2,756	26,635	1,533	1,227	55,234
1961	1,174	1,758	1,690	1,567	1,648	1,550	4,879	5,517	4,714	398	433	476	25,806
1962	1,096	1,550	1,550	1,550	1,469	1,550	4,879	8,803	5,516	5,123	4,427	3,800	41,315
1963	1,561	2,358	1,757	1,935	2,122	1,638	4,879	8,711	4,768	4,611	4,318	3,330	41,988
1964	4,611	6,441	4,611	4,611	1,834	1,627	4,879	7,937	5,447	4,611	4,394	4,463	55,469
1965	6,421	6,828	4,611	4,611	4,165	4,611	4,879	9,118	40,683	7,727	3,976	4,463	102,095
1966	6,363	9,630	9,951	9,951	8,988	14,344	4,879	22,453	4,768	4,403	4,182	4,682	104,596
1967	4,611	4,463	4,611	2,888	1,771	2,845	4,879	9,501	24,665	5,211	4,280	4,463	74,189
1968	6,245	6,622	4,611	4,611	4,165	4,611	4,992	11,400	48,133	4,611	4,209	4,463	108,675
1969	6,361	9,630	8,682	5,239	4,165	5,882	28,503	66,548	47,079	4,611	4,207	4,463	195,370
1970	5,510	8,198	4,611	4,611	4,165	4,611	4,879	31,504	19,475	6,311	4,334	4,463	102,674
1971	4,611	5,574	4,611	4,611	4,165	3,639	4,879	32,153	57,133	4,786	3,996	4,463	134,623
1972	5,397	4,995	4,611	4,611	4,165	12,060	9,259	41,628	22,961	4,611	4,044	4,463	122,806
1973	6,082	7,890	4,611	4,611	4,165	4,611	18,645	38,382	50,002	4,611	4,064	4,463	152,139
1974	5,970	8,395	4,611	4,611	4,165	4,611	10,323	43,718	51,995	6,712	4,593	4,463	154,169
1975	6,074	9,000	5,164	4,611	4,165	4,611	4,879	13,786	76,155	18,319	4,522	4,463	155,749
1976	5,950	8,001	4,613	4,611	4,165	4,611	12,310	20,703	8,717	4,611	4,526	4,463	87,281
1977	4,611	4,463	4,611	4,368	1,851	1,609	4,879	7,011	4,093	4,102	4,380	4,463	50,440
1978	5,737	6,411	6,266	4,758	4,165	5,731	8,907	11,338	5,572	4,611	4,598	4,463	72,557
1979	5,995	6,369	5,803	4,611	4,165	4,611	14,989	13,189	4,768	4,611	4,487	4,463	78,061
1980	6,089	9,630	6,311	4,611	4,165	4,611	5,301	31,504	29,966	4,611	4,563	17,718	129,082
1981	5,968	7,509	4,890	4,611	4,165	4,611	4,879	10,241	4,768	4,611	4,519	4,463	65,236
1982	7,581	5,021	4,611	4,611	4,165	5,045	11,809	51,240	43,084	13,146	4,495	4,463	159,270
1983	6,771	5,329	5,670	4,880	17,526	85,541	24,484	53,507	87,446	16,560	1,814	1,354	310,883
1984	3,387	8,411	6,554	12,962	19,490	37,237	60,636	76,389	60,464	17,501	1,806	1,275	306,113
1985	1,397	8,548	5,252	5,125	8,573	19,964	50,950	66,974	12,173	2,996	1,856	1,256	185,063
1986	6,337	7,356	7,215	5,843	15,377	96,870	54,344	70,487	77,431	17,050	1,906	1,377	361,591
1987	9,951	9,283	4,658	5,332	18,226	15,180	20,839	31,875	4,768	4,611	4,591	4,463	133,777
1988	4,112	4,253	2,167	1,692	1,546	1,629	4,879	8,411	4,768	4,586	4,611	4,463	47,118
1989	11,559	4,463	4,611	2,619	1,496	1,641	4,879	12,341	4,768	12,837	4,611	4,463	70,288
1990	4,611	4,463	4,471	3,648	1,893	3,260	4,879	11,646	4,768	4,611	3,348	4,127	55,726
1991	4,611	4,463	4,611	4,611	1,494	1,620	4,879	7,529	5,476	4,900	4,354	4,072	52,621
1992	4,611	4,463	4,611	4,611	4,165	2,245	4,879	7,147	4,424	4,001	9,477	3,951	58,586
1993	4,611	4,441	2,155	3,138	2,364	5,707	9,877	12,692	5,488	5,373	4,575	4,463	64,884
1994	4,611	4,463	4,611	4,611	3,607	2,710	4,879	8,230	4,768	4,611	4,354	4,239	55,695
1995	5,178	4,406	4,071	3,812	3,699	5,058	5,007	10,701	5,155	9,270	4,528	1,766	62,653
1996	9,413	7,143	5,855	9,807	4,165	8,819	16,492	35,407	53,932	7,214	4,457	4,463	167,165
1997	5,947	7,587	7,074	4,611	4,165	15,181	52,736	70,750	50,046	7,727	4,375	4,463	234,663
1998	6,055	6,602	4,611	4,611	4,165	4,611	13,236	64,559	51,179	8,339	4,447	4,463	176,879
1999	8,417	6,205	4,611	4,611	8,720	16,661	31,415	54,425	37,642	11,224	4,439	4,463	192,833
Average	4,735	5,589	4,581	4,252	4,535	9,421	13,223	27,362	25,774	6,791	3,744	3,694	113,702
Maximum	11,559	9,630	9,951	12,962	19,490	96,870	60,636	87,148	87,446	26,635	9,477	17,718	361,591
Minimum	1,096	1,550	1,550	1,550	1,461	1,550	4,879	5,001	1,731	398	433	476	25,806

P-9a
Bonneville Unit Operations (cfs)
Provo River from Interstate 15 to Utah Lake
Total

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	75	77	108	63	44	48	180	648	723	126	67	75	186
1951	25	44	92	71	73	81	124	860	730	72	25	20	185
1952	47	43	75	67	44	281	831	1,417	1,057	82	21	16	332
1953	26	45	84	71	55	114	110	226	812	49	28	23	136
1954	26	81	49	37	41	26	82	81	29	38	26	20	45
1955	25	42	28	27	26	26	82	119	48	41	29	18	43
1956	29	56	67	27	27	27	82	142	95	75	34	21	57
1957	21	54	34	30	33	26	82	125	342	85	71	45	79
1958	27	84	34	27	31	27	82	490	231	75	70	53	103
1959	21	50	32	27	26	26	82	135	80	49	28	21	48
1960	22	44	28	27	26	26	82	125	46	433	25	21	76
1961	19	30	27	25	30	25	82	90	79	6	7	8	36
1962	18	26	25	25	26	25	82	143	93	83	72	64	57
1963	25	40	29	31	38	27	82	142	80	75	70	56	58
1964	75	108	75	75	32	26	82	129	92	75	71	75	76
1965	104	115	75	75	75	75	82	148	684	126	65	75	141
1966	103	162	162	162	162	233	82	365	80	72	68	79	144
1967	75	75	75	47	32	46	82	155	415	85	70	75	102
1968	102	111	75	75	72	75	84	185	809	75	68	75	150
1969	103	162	141	85	75	96	479	1,082	791	75	68	75	270
1970	90	138	75	75	75	75	82	512	327	103	70	75	142
1971	75	94	75	75	75	59	82	523	960	78	65	75	186
1972	88	84	75	75	72	196	156	677	386	75	66	75	169
1973	99	133	75	75	75	75	313	624	840	75	66	75	210
1974	97	141	75	75	75	75	173	711	874	109	75	75	213
1975	99	151	84	75	75	75	82	224	1,280	298	74	75	215
1976	97	134	75	75	72	75	207	337	147	75	74	75	120
1977	75	75	75	71	33	26	82	114	69	67	71	75	70
1978	93	108	102	77	75	93	150	184	94	75	75	75	100
1979	98	107	94	75	75	75	252	215	80	75	73	75	108
1980	99	162	103	75	72	75	89	512	504	75	74	298	178
1981	97	126	80	75	75	75	82	167	80	75	73	75	90
1982	123	84	75	75	75	82	198	833	724	214	73	75	220
1983	110	90	92	79	316	1,391	411	870	1,470	269	29	23	429
1984	55	141	107	211	339	606	1,019	1,242	1,016	285	29	21	422
1985	23	144	85	83	154	325	856	1,089	205	49	30	21	256
1986	103	124	117	95	277	1,575	913	1,146	1,301	277	31	23	499
1987	162	156	76	87	328	247	350	518	80	75	75	75	185
1988	67	71	35	28	27	26	82	137	80	75	75	75	65
1989	188	75	75	43	27	27	82	201	80	209	75	75	97
1990	75	75	73	59	34	53	82	189	80	75	54	69	77
1991	75	75	75	75	27	26	82	122	92	80	71	68	73
1992	75	75	75	75	72	37	82	116	74	65	154	66	81
1993	75	75	35	51	43	93	166	206	92	87	74	75	90
1994	75	75	75	75	65	44	82	134	80	75	71	71	77
1995	84	74	66	62	67	82	84	174	87	151	74	30	87
1996	153	120	95	159	72	143	277	576	906	117	72	75	230
1997	97	128	115	75	75	247	886	1,151	841	126	71	75	324
1998	98	111	75	75	75	75	222	1,050	860	136	72	75	244
1999	137	104	75	75	157	271	528	885	633	183	72	75	266
Average	77	94	75	69	81	153	222	445	433	110	61	62	157
Maximum	188	162	162	211	339	1,575	1,019	1,417	1,470	433	154	298	499
Minimum	18	26	25	25	26	25	82	81	29	6	7	8	36

P-9b
Bonneville Unit Operations (acre-feet)
Provo River from Interstate 15 to Utah Lake
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	3,740	317	1,751	3,311	1,754	2,553	7,935	750	690	4,153	3,323	3,810	34,087
1951	1,069	0	0	1,711	1,552	908	1,931	616	541	3,716	875	559	13,477
1952	1,423	0	0	1,466	0	0	1,512	349	541	4,360	657	402	10,710
1953	1,069	0	3,039	1,649	1,474	3,771	6,381	5,770	541	2,403	1,007	654	27,758
1954	1,069	2,221	1,796	1,538	1,389	48	3,758	4,259	1,108	1,725	1,026	667	20,605
1955	1,069	1,440	1,537	1,538	1,389	1,538	4,732	6,610	2,122	1,980	1,088	456	25,497
1956	0	0	2,758	1,538	1,438	1,538	3,585	8,006	4,897	4,034	1,384	613	29,791
1957	301	0	1,668	1,538	1,389	1,538	4,086	7,392	4,761	4,541	3,650	2,068	32,929
1958	1,069	1,620	666	1,538	694	1,572	3,184	5,737	7,302	3,946	3,631	2,512	33,471
1959	1,069	1,595	1,809	1,538	1,389	1,538	4,318	7,601	4,025	2,495	1,074	701	29,152
1960	1,069	0	1,538	1,538	1,438	1,538	3,654	6,916	2,001	1,086	1,131	742	22,650
1961	768	1,488	1,500	1,454	1,584	1,482	4,656	4,975	757	170	0	0	18,833
1962	768	1,243	1,404	1,447	1,389	1,482	4,711	8,132	4,758	4,422	3,707	3,249	36,712
1963	301	0	1,537	1,538	1,389	1,538	4,767	7,997	4,022	4,061	3,655	2,728	33,531
1964	539	0	4,344	4,441	1,716	1,538	4,772	7,358	4,716	3,902	3,674	3,820	40,819
1965	5,681	1,646	3,357	4,018	3,927	4,011	4,760	8,509	4,675	3,915	3,266	3,892	51,656
1966	5,681	5,345	59	630	3,688	2,098	3,098	2,428	4,015	3,798	3,541	4,150	38,531
1967	3,966	985	4,029	2,322	1,389	1,724	3,995	8,751	4,654	4,506	3,579	3,892	43,792
1968	5,681	3,516	1,917	2,966	2,726	2,243	1,985	10,877	541	3,902	3,503	3,870	43,726
1969	5,681	4,715	5,760	2,322	1,927	882	450	337	541	3,902	3,494	3,890	33,899
1970	5,024	1,779	2,765	2,736	3,064	2,780	4,763	2,430	541	5,602	3,626	3,920	39,030
1971	3,727	320	2,582	2,094	1,483	1,453	4,695	6,342	4,394	4,077	3,261	3,921	38,349
1972	5,119	241	2,073	2,739	2,559	738	826	337	541	3,868	3,276	3,831	26,147
1973	5,681	3,496	2,717	2,378	1,901	2,310	1,371	336	541	3,903	3,484	3,903	32,021
1974	5,681	4,156	2,206	2,809	2,694	4,243	10,323	366	3,554	6,003	3,856	3,797	49,688
1975	5,717	6,094	3,556	2,061	1,871	2,050	463	13,432	594	1,210	3,856	3,877	44,783
1976	5,717	2,250	0	1,324	2,911	3,871	9,933	9,786	7,964	3,968	3,856	3,894	55,475
1977	4,398	2,716	3,890	3,687	1,389	1,567	4,467	6,584	3,741	3,818	3,856	3,909	44,021
1978	5,380	6,090	6,174	4,695	4,115	3,531	2,821	10,723	4,814	3,902	3,856	3,896	59,996
1979	5,717	5,274	4,348	3,496	3,480	3,285	12,524	9,432	4,035	3,976	3,856	3,888	63,312
1980	5,717	6,447	6,133	3,030	2,549	2,375	2,549	3,078	594	3,906	3,856	836	41,072
1981	5,717	3,083	2,244	3,932	3,158	4,227	4,780	9,626	3,707	4,034	3,856	3,942	52,306
1982	6,296	992	4,471	4,498	3,647	2,298	9,827	778	1,346	3,333	3,856	4,023	45,365
1983	2,144	2,676	2,494	1,795	0	0	3,776	366	594	4,085	1,261	836	20,027
1984	1,684	2,919	0	0	0	0	1,977	2,828	594	4,085	1,261	836	16,185
1985	1,106	2,133	1,778	1,722	2,140	0	1,912	3,203	3,469	2,393	1,261	836	21,951
1986	1,586	0	2,348	1,829	3,454	0	2,037	1,921	594	4,085	1,261	836	19,951
1987	3,041	3,898	1,778	1,979	2,214	0	1,866	3,782	4,017	3,950	3,856	3,769	34,150
1988	3,789	1,665	1,925	1,538	201	0	4,759	7,798	4,057	4,055	3,850	3,770	37,407
1989	1,106	3,900	4,336	2,454	1,393	908	3,859	8,026	4,035	1,210	3,855	3,859	38,942
1990	4,238	3,084	3,869	3,397	1,831	3,204	1,249	10,950	4,034	3,949	2,647	3,540	45,993
1991	4,071	3,190	4,392	4,471	1,402	1,537	4,768	7,191	4,838	2,099	3,856	3,571	45,387
1992	4,426	2,661	3,886	3,966	3,226	1,361	4,691	6,633	3,981	2,640	0	3,540	41,011
1993	4,334	2,833	1,679	1,538	1,389	1,863	3,722	11,095	4,740	4,655	3,856	3,940	45,643
1994	3,285	2,876	3,382	3,350	1,742	0	3,951	7,690	4,209	4,093	3,856	3,809	42,244
1995	1,006	1,709	2,407	2,523	1,726	0	790	10,237	4,655	2,282	3,856	1,245	32,436
1996	7,686	2,587	2,462	501	2,120	0	125	366	594	4,085	3,856	4,040	28,423
1997	5,717	4,463	3,689	1,503	2,967	3,775	1,299	1,698	1,768	6,061	3,856	4,128	40,925
1998	5,717	4,192	2,794	3,989	4,120	2,064	4,450	1,540	1,768	4,085	3,856	4,096	42,671
1999	4,357	2,368	2,507	3,288	1,566	2,256	4,057	1,540	1,768	4,085	3,856	4,013	35,661
Average	3,424	2,324	2,587	2,387	1,999	1,705	3,938	5,470	2,866	3,610	2,914	2,819	36,044
Maximum	7,686	6,447	6,174	4,695	4,120	4,243	12,524	13,432	7,964	6,061	3,856	4,150	63,312
Minimum	0	0	0	0	0	0	125	336	541	170	0	0	10,710

P-9b
Bonneville Unit Operations (cfs)
Provo River from Interstate 15 to Utah Lake
CUP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	61	5	28	54	32	42	133	12	12	68	54	64	47
1951	17	0	0	28	28	15	32	10	9	60	14	9	19
1952	23	0	0	24	0	0	25	6	9	71	11	7	15
1953	17	0	49	27	27	61	107	94	9	39	16	11	38
1954	17	37	29	25	25	1	63	69	19	28	17	11	28
1955	17	24	25	25	25	25	80	108	36	32	18	8	35
1956	0	0	45	25	25	25	60	130	82	66	23	10	41
1957	5	0	27	25	25	25	69	120	80	74	59	35	45
1958	17	27	11	25	12	26	54	93	123	64	59	42	46
1959	17	27	29	25	25	25	73	124	68	41	17	12	40
1960	17	0	25	25	25	25	61	112	34	18	18	12	31
1961	12	25	24	24	29	24	78	81	13	3	0	0	26
1962	12	21	23	24	25	24	79	132	80	72	60	55	51
1963	5	0	25	25	25	25	80	130	68	66	59	46	46
1964	9	0	71	72	30	25	80	120	79	63	60	64	56
1965	92	28	55	65	71	65	80	138	79	64	53	65	71
1966	92	90	1	10	66	34	52	39	67	62	58	70	53
1967	65	17	66	38	25	28	67	142	78	73	58	65	60
1968	92	59	31	48	47	36	33	177	9	63	57	65	60
1969	92	79	94	38	35	14	8	5	9	63	57	65	47
1970	82	30	45	44	55	45	80	40	9	91	59	66	54
1971	61	5	42	34	27	24	79	103	74	66	53	66	53
1972	83	4	34	45	44	12	14	5	9	63	53	64	36
1973	92	59	44	39	34	38	23	5	9	63	57	66	44
1974	92	70	36	46	49	69	173	6	60	98	63	64	69
1975	93	102	58	34	34	33	8	218	10	20	63	65	62
1976	93	38	0	22	51	63	167	159	134	65	63	65	76
1977	72	46	63	60	25	25	75	107	63	62	63	66	61
1978	87	102	100	76	74	57	47	174	81	63	63	65	83
1979	93	89	71	57	63	53	210	153	68	65	63	65	87
1980	93	108	100	49	44	39	43	50	10	64	63	14	57
1981	93	52	37	64	57	69	80	157	62	66	63	66	72
1982	102	17	73	73	66	37	165	13	23	54	63	68	63
1983	35	45	41	29	0	0	63	6	10	66	21	14	28
1984	27	49	0	0	0	0	33	46	10	66	21	14	22
1985	18	36	29	28	39	0	32	52	58	39	21	14	30
1986	26	0	38	30	62	0	34	31	10	66	21	14	28
1987	49	66	29	32	40	0	31	62	68	64	63	63	47
1988	62	28	31	25	4	0	80	127	68	66	63	63	52
1989	18	66	71	40	25	15	65	131	68	20	63	65	54
1990	69	52	63	55	33	52	21	178	68	64	43	59	64
1991	66	54	71	73	25	25	80	117	81	34	63	60	63
1992	72	45	63	64	56	22	79	108	67	43	0	59	56
1993	70	48	27	25	25	30	63	180	80	76	63	66	63
1994	53	48	55	54	31	0	66	125	71	67	63	64	58
1995	16	29	39	41	31	0	13	166	78	37	63	21	45
1996	125	43	40	8	37	0	2	6	10	66	63	68	39
1997	93	75	60	24	53	61	22	28	30	99	63	69	57
1998	93	70	45	65	74	34	75	25	30	66	63	69	59
1999	71	40	41	53	28	37	68	25	30	66	63	67	49
Average	56	39	42	39	36	28	66	89	48	59	47	47	50
Maximum	125	108	100	76	74	69	210	218	134	99	63	70	87
Minimum	0	0	0	0	0	0	2	5	9	3	0	0	15

P-9c
Bonneville Unit Operations (acre-feet)
Provo River from Interstate 15 to Utah Lake
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	0	0	0	0	0	0	0	35,944	1,644	2,827	0	0	40,415
1951	0	0	0	0	0	0	0	18,624	2,039	0	0	0	20,663
1952	0	0	0	0	0	0	5,165	6,000	6,000	0	0	0	17,165
1953	0	0	0	0	0	0	0	7,430	25,206	0	0	0	32,636
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	14,849	0	0	0	14,849
1958	0	0	0	0	0	0	0	23,691	5,666	0	0	0	29,357
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	35,214	3,105	0	0	38,319
1966	0	0	0	0	0	0	0	12,440	0	0	0	0	12,440
1967	0	0	0	0	0	0	0	0	19,197	0	0	0	19,197
1968	0	0	0	0	0	0	0	0	13,459	0	0	0	13,459
1969	0	0	0	0	0	0	0	6,000	2,212	0	0	0	8,212
1970	0	0	0	0	0	0	0	28,452	6,557	0	0	0	35,009
1971	0	0	0	0	0	0	0	6,000	646	0	0	0	6,646
1972	0	0	0	0	0	0	7,089	2,624	1,324	0	0	0	11,036
1973	0	0	0	0	0	0	0	6,000	3,946	0	0	0	9,946
1974	0	0	0	0	0	0	0	6,000	16,411	0	0	0	22,411
1975	0	0	0	0	0	0	0	0	10,344	4,122	0	0	14,466
1976	0	0	0	0	0	0	0	9,482	0	0	0	0	9,482
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	6,000	0	0	0	6,000
1981	0	0	0	0	0	0	0	0	363	0	0	0	363
1982	0	0	0	0	0	0	0	6,000	6,000	7,648	0	0	19,648
1983	0	0	0	0	3,514	4,453	5,243	6,000	6,000	3,284	0	0	28,494
1984	0	0	0	5,134	4,314	4,810	10,176	6,000	6,000	11,720	0	0	48,153
1985	0	0	0	0	0	3,821	6,000	6,000	999	0	0	0	16,821
1986	0	0	0	0	0	10,635	6,000	6,000	6,000	11,368	0	0	40,003
1987	0	0	0	0	3,249	3,931	10,798	17,471	0	0	0	0	35,449
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	777	0	0	777
1996	0	0	0	0	0	0	0	6,000	1,190	2,422	0	0	9,612
1997	0	0	0	0	0	0	10,620	6,000	6,000	1,068	0	0	23,689
1998	0	0	0	0	0	0	5,761	6,000	6,000	3,281	0	0	21,042
1999	0	0	0	0	0	4,938	8,149	6,000	6,000	6,509	0	0	31,596
Average	0	0	0	103	222	652	1,500	4,803	4,305	1,163	0	0	12,747
Maximum	0	0	0	5,134	4,314	10,635	10,798	35,944	35,214	11,720	0	0	48,153
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0

P-9c
Bonneville Unit Operations (cfs)
Provo River from Interstate 15 to Utah Lake
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	0	0	0	0	0	0	0	585	28	46	0	0	56
1951	0	0	0	0	0	0	0	303	34	0	0	0	29
1952	0	0	0	0	0	0	87	98	101	0	0	0	24
1953	0	0	0	0	0	0	0	121	424	0	0	0	45
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	250	0	0	0	21
1958	0	0	0	0	0	0	0	385	95	0	0	0	41
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	592	51	0	0	53
1966	0	0	0	0	0	0	0	202	0	0	0	0	17
1967	0	0	0	0	0	0	0	0	323	0	0	0	27
1968	0	0	0	0	0	0	0	0	226	0	0	0	19
1969	0	0	0	0	0	0	0	98	37	0	0	0	11
1970	0	0	0	0	0	0	0	463	110	0	0	0	48
1971	0	0	0	0	0	0	0	98	11	0	0	0	9
1972	0	0	0	0	0	0	119	43	22	0	0	0	15
1973	0	0	0	0	0	0	0	98	66	0	0	0	14
1974	0	0	0	0	0	0	0	98	276	0	0	0	31
1975	0	0	0	0	0	0	0	0	174	67	0	0	20
1976	0	0	0	0	0	0	0	154	0	0	0	0	13
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	101	0	0	0	8
1981	0	0	0	0	0	0	0	0	6	0	0	0	1
1982	0	0	0	0	0	0	0	98	101	124	0	0	27
1983	0	0	0	0	63	72	88	98	101	53	0	0	39
1984	0	0	0	83	75	78	171	98	101	191	0	0	66
1985	0	0	0	0	0	62	101	98	17	0	0	0	23
1986	0	0	0	0	0	173	101	98	101	185	0	0	55
1987	0	0	0	0	59	64	181	284	0	0	0	0	49
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	13	0	0	1
1996	0	0	0	0	0	0	0	98	20	39	0	0	13
1997	0	0	0	0	0	0	178	98	101	17	0	0	33
1998	0	0	0	0	0	0	97	98	101	53	0	0	29
1999	0	0	0	0	0	80	137	98	101	106	0	0	44
Average	0	0	0	2	4	11	25	78	72	19	0	0	18
Maximum	0	0	0	83	75	173	181	585	592	191	0	0	66
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0

P-9d
Bonneville Unit Operations (acre-feet)
Provo River from Interstate 15 to Utah Lake
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	698	4,263	4,891	584	689	391	2,363	2,530	39,944	49	118	80	56,600
1951	94	2,623	5,631	2,665	2,529	4,042	5,161	33,028	40,086	8	41	15	95,923
1952	1,339	2,542	4,632	2,682	2,542	17,260	42,778	80,420	55,666	0	39	0	209,900
1953	102	2,663	2,129	2,722	1,567	3,208	5	0	21,833	0	98	108	34,435
1954	110	2,618	1,192	742	861	1,578	744	0	0	0	41	17	7,902
1955	97	1,037	163	112	72	56	81	0	0	0	95	77	1,791
1956	1,607	3,320	1,389	152	97	97	891	0	0	0	98	101	7,751
1957	930	3,234	430	298	465	74	793	0	0	0	85	34	6,343
1958	169	3,354	1,453	153	1,008	87	1,695	0	8	0	77	51	8,056
1959	29	1,359	174	120	74	68	476	0	0	0	102	57	2,460
1960	100	2,611	206	134	86	85	744	0	0	25,539	66	72	29,642
1961	76	270	190	114	64	69	37	0	3,873	0	74	50	4,817
1962	74	307	146	104	80	68	9	0	1	0	97	48	933
1963	838	2,358	220	398	733	100	107	0	0	0	104	59	4,917
1964	3,583	6,441	267	170	119	89	88	0	0	0	82	68	10,908
1965	164	5,182	1,255	593	238	601	116	0	37	0	52	0	8,237
1966	175	4,286	9,892	9,322	5,300	12,246	1,367	6,837	0	0	96	30	49,550
1967	133	3,477	583	566	382	1,121	744	0	56	0	50	0	7,111
1968	114	3,107	2,695	1,645	1,439	2,368	3,006	0	33,376	0	51	4	47,805
1969	280	4,916	2,922	2,917	2,238	5,000	28,053	59,460	43,569	0	53	0	149,407
1970	137	6,419	1,846	1,876	1,101	1,831	30	0	11,642	0	65	0	24,947
1971	502	5,254	2,030	2,517	2,683	2,186	6	19,227	51,335	0	69	0	85,808
1972	49	4,754	2,538	1,872	1,606	11,322	1,238	38,022	20,341	36	106	48	81,933
1973	80	4,394	1,895	2,234	2,264	2,302	17,273	31,593	44,776	0	0	0	106,810
1974	159	4,239	2,406	1,803	1,471	369	0	36,600	31,272	0	94	77	78,489
1975	79	2,906	1,607	2,551	2,295	2,561	4,416	0	64,508	12,277	0	0	93,199
1976	90	5,751	4,613	3,288	1,254	740	2,377	753	0	0	107	59	19,032
1977	79	1,747	721	681	462	41	94	0	0	0	81	88	3,996
1978	79	320	93	62	50	2,199	6,086	0	1	0	94	18	9,004
1979	153	1,096	1,454	1,116	685	1,326	2,464	3,171	0	0	64	48	11,577
1980	82	3,183	178	1,581	1,616	2,236	2,710	27,910	22,659	7	51	16,817	79,029
1981	34	4,426	2,646	680	1,007	385	87	0	16	0	81	17	9,377
1982	1,188	4,029	141	114	519	2,747	1,981	44,062	34,985	1,478	0	0	91,241
1983	4,340	2,653	3,177	3,086	14,012	81,088	15,463	46,970	80,184	8,516	0	0	259,487
1984	1,626	5,492	6,554	7,828	15,176	32,427	48,483	67,066	53,282	1,078	0	0	239,012
1985	211	6,415	3,475	3,403	6,433	16,143	42,897	57,278	7,107	0	26	0	143,387
1986	4,730	7,356	4,867	4,014	11,923	86,235	46,294	61,995	70,106	933	37	0	298,490
1987	6,825	5,385	2,879	3,353	12,763	11,249	8,064	10,032	85	0	84	123	60,842
1988	127	2,588	242	155	1,345	1,629	0	0	0	0	118	117	6,319
1989	10,174	562	275	165	103	733	885	3,601	0	11,606	107	101	28,312
1990	123	1,374	602	251	61	57	3,611	0	0	0	59	12	6,151
1991	110	1,265	220	141	92	82	111	0	0	2,376	60	24	4,479
1992	29	1,797	725	646	939	884	25	0	0	1,047	9,474	67	15,633
1993	56	1,608	475	1,600	975	3,844	5,994	977	1	0	63	0	15,595
1994	928	1,587	1,229	1,261	1,865	2,710	865	0	0	0	42	57	10,544
1995	4,116	2,698	1,665	1,289	1,973	5,058	4,214	281	1	5,558	53	0	26,905
1996	1,580	4,556	3,393	9,305	2,046	8,818	16,213	28,584	51,468	32	37	0	126,031
1997	95	3,125	3,385	3,108	1,198	11,406	40,711	62,595	41,657	5	0	0	167,284
1998	254	2,410	1,817	622	45	2,547	2,948	56,603	42,818	313	14	0	110,391
1999	3,973	3,837	2,104	1,323	7,155	9,466	19,128	46,446	29,266	0	31	0	122,731
Average	1,054	3,264	1,994	1,762	2,314	7,065	7,679	16,521	17,919	1,417	251	371	61,611
Maximum	10,174	7,356	9,892	9,322	15,176	86,235	48,483	80,420	80,184	25,539	9,474	16,817	298,490
Minimum	29	270	93	62	45	41	0	0	0	0	0	0	933

P-9d
Bonneville Unit Operations (cfs)
Provo River from Interstate 15 to Utah Lake
Non-Project

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	11	72	80	10	12	6	40	41	671	1	2	1	78
1951	2	44	92	43	46	66	87	537	674	0	1	0	133
1952	11	72	80	10	12	6	40	41	671	1	2	1	289
1953	2	44	92	43	46	66	87	537	674	0	1	0	48
1954	22	43	75	44	46	281	719	1,308	936	0	1	0	11
1955	2	45	35	44	28	52	0	0	367	0	2	2	2
1956	2	44	19	12	15	26	13	0	0	0	1	0	11
1957	2	17	3	2	1	1	1	0	0	0	2	1	9
1958	26	56	23	2	2	2	15	0	0	0	2	2	11
1959	15	54	7	5	8	1	13	0	0	0	1	1	3
1960	3	56	24	2	18	1	28	0	0	0	1	1	41
1961	0	23	3	2	1	1	8	0	0	0	2	1	7
1962	2	44	3	2	2	1	13	0	0	415	1	1	1
1963	1	5	3	2	1	1	1	0	65	0	1	1	7
1964	1	5	2	2	1	1	0	0	0	0	2	1	15
1965	14	40	4	6	13	2	2	0	0	0	2	1	11
1966	58	108	4	3	2	1	1	0	0	0	1	1	68
1967	3	87	20	10	4	10	2	0	1	0	1	0	10
1968	3	72	161	152	92	199	23	111	0	0	2	1	66
1969	2	58	9	9	7	18	13	0	1	0	1	0	206
1970	2	52	44	27	26	39	51	0	561	0	1	0	34
1971	5	83	48	47	40	81	471	967	732	0	1	0	119
1972	2	108	30	31	19	30	0	0	196	0	1	0	113
1973	8	88	33	41	48	36	0	313	863	0	1	0	148
1974	1	80	41	30	29	184	21	618	342	1	2	1	108
1975	1	74	31	36	41	37	290	514	753	0	0	0	129
1976	3	71	39	29	26	6	0	595	526	0	2	1	26
1977	1	49	26	41	41	42	74	0	1,084	200	0	0	6
1978	1	97	75	53	23	12	40	12	0	0	2	1	12
1979	1	29	12	11	8	1	2	0	0	0	1	1	16
1980	1	5	2	1	1	36	102	0	0	0	2	0	109
1981	2	18	24	18	12	22	41	52	0	0	1	1	13
1982	1	53	3	26	29	36	46	454	381	0	1	283	126
1983	1	74	43	11	18	6	1	0	0	0	1	0	358
1984	19	68	2	2	9	45	33	717	588	24	0	0	329
1985	71	45	52	50	252	1,319	260	764	1,348	138	0	0	198
1986	26	92	107	127	273	527	815	1,091	895	18	0	0	412
1987	3	108	57	55	116	263	721	932	119	0	0	0	84
1988	77	124	79	65	207	1,403	778	1,008	1,178	15	1	0	9
1989	111	91	47	55	230	183	136	163	1	0	1	2	39
1990	2	43	4	3	24	26	0	0	0	0	2	2	8
1991	165	9	4	3	2	12	15	59	0	189	2	2	6
1992	2	23	10	4	1	1	61	0	0	0	1	0	22
1993	2	21	4	2	2	1	2	0	0	39	1	0	22
1994	0	30	12	11	17	14	0	0	0	17	154	1	15
1995	1	27	8	26	18	63	101	16	0	0	1	0	37
1996	15	27	20	21	32	44	15	0	0	0	1	1	174
1997	67	45	27	21	36	82	71	5	0	90	1	0	231
1998	26	77	55	151	37	143	272	465	865	1	1	0	152
1999	2	53	55	51	22	186	684	1,018	700	0	0	0	170
Average	16	55	35	29	40	112	124	247	304	23	4	6	85
Maximum	165	124	161	152	273	1,403	815	1,308	1,348	415	154	283	412
Minimum	0	5	2	1	1	1	0	0	0	0	0	0	1

P-9e
Bonneville Unit Operations (acre-feet)
PRP Diversion to Provo Bench Canal
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1950	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1951	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1952	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1953	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1954	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1955	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1956	0	0	0	0	0	0	80	160	320	640	610	480	2,290
1957	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1958	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1959	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1960	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1961	0	0	0	0	0	0	0	160	320	0	0	0	480
1962	0	0	0	0	0	0	80	160	320	640	610	480	2,290
1963	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1964	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1965	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1966	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1967	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1968	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1969	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1970	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1971	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1972	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1973	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1974	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1975	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1976	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1977	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1978	0	0	0	0	0	0	80	160	320	640	610	480	2,290
1979	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1980	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1981	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1982	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1983	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1984	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1985	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1986	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1987	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1988	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1989	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1990	160	0	0	0	0	0	80	160	320	640	610	0	1,970
1991	0	0	0	0	0	0	0	160	320	640	610	480	2,210
1992	0	0	0	0	0	0	0	160	320	0	0	0	480
1993	0	0	0	0	0	0	80	160	320	640	610	480	2,290
1994	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1995	0	0	0	0	0	0	80	160	320	640	610	480	2,290
1996	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1997	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1998	160	0	0	0	0	0	80	160	320	640	610	480	2,450
1999	160	0	0	0	0	0	80	160	320	640	610	480	2,450
Average	134	0	0	0	0	0	75	160	320	614	586	451	2,341
Maximum	160	0	0	0	0	0	80	160	320	640	610	480	2,450
Minimum	0	0	0	0	0	0	0	160	320	0	0	0	480

P-9e
Bonneville Unit Operations (cfs)
PRP Diversion to Provo Bench Canal
PRP

Water Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Average
1950	3	0	0	0	0	0	1	3	5	10	10	8	3
1951	3	0	0	0	0	0	1	3	5	10	10	8	3
1952	3	0	0	0	0	0	1	3	5	10	10	8	3
1953	3	0	0	0	0	0	1	3	5	10	10	8	3
1954	3	0	0	0	0	0	1	3	5	10	10	8	3
1955	3	0	0	0	0	0	1	3	5	10	10	8	3
1956	0	0	0	0	0	0	1	3	5	10	10	8	3
1957	3	0	0	0	0	0	1	3	5	10	10	8	3
1958	3	0	0	0	0	0	1	3	5	10	10	8	3
1959	3	0	0	0	0	0	1	3	5	10	10	8	3
1960	3	0	0	0	0	0	1	3	5	10	10	8	3
1961	0	0	0	0	0	0	0	3	5	0	0	0	1
1962	0	0	0	0	0	0	1	3	5	10	10	8	3
1963	3	0	0	0	0	0	1	3	5	10	10	8	3
1964	3	0	0	0	0	0	1	3	5	10	10	8	3
1965	3	0	0	0	0	0	1	3	5	10	10	8	3
1966	3	0	0	0	0	0	1	3	5	10	10	8	3
1967	3	0	0	0	0	0	1	3	5	10	10	8	3
1968	3	0	0	0	0	0	1	3	5	10	10	8	3
1969	3	0	0	0	0	0	1	3	5	10	10	8	3
1970	3	0	0	0	0	0	1	3	5	10	10	8	3
1971	3	0	0	0	0	0	1	3	5	10	10	8	3
1972	3	0	0	0	0	0	1	3	5	10	10	8	3
1973	3	0	0	0	0	0	1	3	5	10	10	8	3
1974	3	0	0	0	0	0	1	3	5	10	10	8	3
1975	3	0	0	0	0	0	1	3	5	10	10	8	3
1976	3	0	0	0	0	0	1	3	5	10	10	8	3
1977	3	0	0	0	0	0	1	3	5	10	10	8	3
1978	0	0	0	0	0	0	1	3	5	10	10	8	3
1979	3	0	0	0	0	0	1	3	5	10	10	8	3
1980	3	0	0	0	0	0	1	3	5	10	10	8	3
1981	3	0	0	0	0	0	1	3	5	10	10	8	3
1982	3	0	0	0	0	0	1	3	5	10	10	8	3
1983	3	0	0	0	0	0	1	3	5	10	10	8	3
1984	3	0	0	0	0	0	1	3	5	10	10	8	3
1985	3	0	0	0	0	0	1	3	5	10	10	8	3
1986	3	0	0	0	0	0	1	3	5	10	10	8	3
1987	3	0	0	0	0	0	1	3	5	10	10	8	3
1988	3	0	0	0	0	0	1	3	5	10	10	8	3
1989	3	0	0	0	0	0	1	3	5	10	10	8	3
1990	3	0	0	0	0	0	1	3	5	10	10	0	3
1991	0	0	0	0	0	0	0	3	5	10	10	8	3
1992	0	0	0	0	0	0	0	3	5	0	0	0	1
1993	0	0	0	0	0	0	1	3	5	10	10	8	3
1994	3	0	0	0	0	0	1	3	5	10	10	8	3
1995	0	0	0	0	0	0	1	3	5	10	10	8	3
1996	3	0	0	0	0	0	1	3	5	10	10	8	3
1997	3	0	0	0	0	0	1	3	5	10	10	8	3
1998	3	0	0	0	0	0	1	3	5	10	10	8	3
1999	3	0	0	0	0	0	1	3	5	10	10	8	3
Average	2	0	0	0	0	0	1	3	5	10	10	8	3
Maximum	3	0	0	0	0	0	1	3	5	10	10	8	3
Minimum	0	0	0	0	0	0	0	3	5	0	0	0	1

Central Utah Project Completion Program

Attachment B

October 2004

UTAH RECLAMATION
MITIGATION
AND CONSERVATION
COMMISSION

Attachment B

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:				1	2	3	4	5	6	7	8
Table Number:			P-0	P-1a	P-1b	P-1c	P-1d	P-2a	P-2b	P-2c	P-2d
Month Number	Year	Month	Foreign Water into Jordanelle PRP	Provo River Release from Jordanelle Total	Provo River Release from Jordanelle CUP	Provo River Release from Jordanelle PRP	Provo River Release from Jordanelle Non-Project	Provo River from Timpanogos to River Ditch Total	Provo River from Timpanogos to River Ditch CUP	Provo River from Timpanogos to River Ditch PRP	Provo River from Timpanogos to River Ditch Non-Project
1	1949	10	1,358	8,862	4,228	2,021	2,612	8,633	4,057	2,021	2,554
2	1949	11	4,675	8,926	3,284	5,561	81	8,926	3,284	5,561	81
3	1949	12	936	8,072	4,707	2,400	966	8,072	4,707	2,400	966
4	1950	1	241	7,695	5,402	1,959	333	7,695	5,402	1,959	333
5	1950	2	173	6,994	4,880	1,758	357	6,994	4,880	1,758	357
6	1950	3	269	7,686	5,380	2,181	125	7,686	5,380	2,181	125
7	1950	4	14,681	10,188	2,205	3,183	4,800	10,132	2,205	3,183	4,744
8	1950	5	46,019	58,040	2,345	35,377	20,318	56,021	2,345	35,377	18,299
9	1950	6	15,642	70,676	3,845	42,573	24,258	67,948	3,503	42,573	21,872
10	1950	7	8,757	29,928	10,817	7,592	11,519	26,579	8,960	7,592	10,027
11	1950	8	837	27,221	14,300	2,724	10,197	24,220	12,699	2,724	8,797
12	1950	9	462	18,181	10,314	3,333	4,533	16,673	9,648	3,333	3,692
13	1950	10	366	8,777	5,506	1,218	2,053	8,548	5,335	1,218	1,995
14	1950	11	5,349	8,926	2,651	4,266	2,009	8,926	2,651	4,266	2,009
15	1950	12	4,810	9,223	2,721	6,161	341	9,223	2,721	6,161	341
16	1951	1	4,416	9,223	5,873	2,842	509	9,223	5,873	2,842	509
17	1951	2	4,175	8,331	5,231	2,863	237	8,331	5,231	2,863	237
18	1951	3	4,348	9,223	3,570	5,467	186	9,223	3,570	5,467	186
19	1951	4	13,603	8,383	2,256	4,477	1,650	8,209	2,256	4,477	1,476
20	1951	5	28,779	71,351	2,280	50,440	18,631	69,360	2,280	50,440	16,640
21	1951	6	29,423	73,455	5,079	36,281	32,094	70,732	4,738	36,281	29,713
22	1951	7	6,200	28,909	12,845	4,897	11,166	25,390	10,914	4,897	9,579
23	1951	8	1,894	26,741	14,882	2,219	9,640	23,646	13,215	2,219	8,212
24	1951	9	614	22,402	10,279	5,947	6,176	21,070	9,754	5,947	5,369
25	1951	10	1,766	9,147	4,822	1,280	3,045	8,918	4,651	1,280	2,987
26	1951	11	4,829	8,926	3,092	2,186	3,648	8,926	3,092	2,186	3,648
27	1951	12	4,166	9,223	3,074	3,608	2,541	9,223	3,074	3,608	2,541
28	1952	1	3,685	9,223	4,334	2,460	2,430	9,223	4,334	2,460	2,430
29	1952	2	3,069	8,628	3,030	2,860	2,738	8,628	3,030	2,860	2,738
30	1952	3	3,636	11,671	3,570	4,680	3,421	11,671	3,570	4,680	3,421
31	1952	4	7,090	21,557	429	7,743	13,385	21,501	429	7,743	13,329
32	1952	5	16,269	81,967	2,192	36,938	42,836	80,706	2,192	36,938	41,575
33	1952	6	18,311	77,399	3,756	36,014	37,628	74,701	3,414	36,014	35,272
34	1952	7	5,236	23,407	8,752	1,613	13,042	20,828	7,454	1,613	11,760
35	1952	8	1,645	23,273	12,095	76	11,102	19,895	9,993	76	9,827
36	1952	9	903	19,083	8,833	2,651	7,599	17,555	8,110	2,651	6,794
37	1952	10	462	9,181	5,525	1,222	2,433	8,952	5,354	1,222	2,375
38	1952	11	3,848	7,529	3,180	3,177	1,172	7,529	3,180	3,177	1,172
39	1952	12	3,194	8,152	5,314	2,316	522	8,152	5,314	2,316	522
40	1953	1	3,300	7,795	6,171	1,515	109	7,795	6,171	1,515	109
41	1953	2	2,915	7,132	5,603	1,340	190	7,132	5,603	1,340	190
42	1953	3	3,839	7,992	7,513	173	306	7,992	7,513	173	306
43	1953	4	8,293	9,115	6,883	801	1,431	9,059	6,883	801	1,375
44	1953	5	14,167	26,237	5,452	8,434	12,351	24,295	5,452	8,434	10,409
45	1953	6	39,809	85,357	3,722	51,656	29,980	82,676	3,380	51,656	27,640
46	1953	7	3,761	32,622	12,895	6,633	13,093	28,899	11,038	6,633	11,227
47	1953	8	1,251	28,537	18,559	2,236	7,743	25,322	16,958	2,236	6,128
48	1953	9	289	18,817	11,615	3,010	4,192	17,258	10,948	3,010	3,300
49	1953	10	168	9,785	5,987	1,580	2,218	9,556	5,816	1,580	2,160
50	1953	11	3,645	8,368	5,176	2,231	960	8,368	5,176	2,231	960
51	1953	12	1,988	8,820	5,398	1,845	1,577	8,820	5,398	1,845	1,577
52	1954	1	350	8,456	7,162	819	475	8,456	7,162	819	475
53	1954	2	389	7,436	6,025	1,135	276	7,436	6,025	1,135	276
54	1954	3	3,374	9,379	4,891	2,804	1,684	9,379	4,891	2,804	1,684
55	1954	4	11,082	14,054	5,896	4,943	3,214	13,838	5,896	4,943	2,998
56	1954	5	14,878	32,107	7,900	6,826	17,381	30,187	7,578	6,826	15,783
57	1954	6	5,080	18,937	8,779	0	10,158	16,795	8,089	0	8,706
58	1954	7	1,504	28,304	17,338	0	10,965	25,198	15,829	0	9,368
59	1954	8	665	28,955	23,242	2,308	3,406	26,288	21,878	2,308	2,102
60	1954	9	552	19,147	14,611	2,225	2,312	17,822	14,028	2,225	1,569

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			9	10	11	12	13	14	15	16	17	18
Table Number:			P-2e	P-2f	P-2g	P-3a	P-3b			P-3c	P-3d	P-4a
Month Number	Year	Month	Diversions into Timpanogos Canal Total	Diversions into Timpanogos Canal CUP	Diversions into Timpanogos Canal Non-Project	Provo from River Ditch to Snake Creek Total	Provo from River Ditch to Snake Creek CUP	Diversions in Reach CUP	Diversions in Reach VCWEP Mitigatio	Provo from River Ditch to Snake Creek PRP	Provo from River Ditch to Snake Creek Non-Project	Provo River from Snake Creek to Deer Creek Reservoir Total
1	1949	10	229	171	58	7,686	2,960	1,157	936	2,021	2,704	14,631
2	1949	11	0	0	0	8,845	3,284	0	0	5,561	0	16,195
3	1949	12	0	0	0	7,686	4,707	0	307	2,400	580	12,822
4	1950	1	0	0	0	7,686	5,402	0	7	1,959	324	15,943
5	1950	2	0	0	0	6,942	4,880	0	41	1,758	305	13,313
6	1950	3	0	0	0	7,750	5,380	0	0	2,181	189	14,735
7	1950	4	56	0	56	9,602	2,205	0	315	3,183	4,214	18,940
8	1950	5	2,020	0	2,020	47,012	2,345	0	1,592	35,377	9,290	56,830
9	1950	6	2,728	342	2,386	55,784	3,445	0	1,874	42,573	9,767	62,981
10	1950	7	3,349	1,857	1,492	16,965	8,645	0	326	7,592	728	24,166
11	1950	8	3,001	1,601	1,400	15,863	10,938	1,613	258	2,724	2,200	23,882
12	1950	9	1,507	666	841	11,497	6,439	3,355	254	3,333	1,724	19,976
13	1950	10	229	171	58	7,686	4,559	809	868	1,218	1,909	16,334
14	1950	11	0	0	0	9,035	2,651	0	0	4,266	2,118	20,044
15	1950	12	0	0	0	8,882	2,721	0	0	6,161	0	16,114
16	1951	1	0	0	0	8,714	5,873	0	0	2,842	0	14,662
17	1951	2	0	0	0	8,094	5,231	0	0	2,863	0	14,284
18	1951	3	0	0	0	9,037	3,570	0	0	5,467	0	15,220
19	1951	4	175	0	175	7,438	2,256	0	752	4,477	705	15,809
20	1951	5	1,991	0	1,991	60,062	2,280	0	1,556	50,440	7,342	69,028
21	1951	6	2,723	342	2,381	57,699	4,679	0	1,869	36,281	16,738	65,314
22	1951	7	3,519	1,932	1,587	17,029	10,585	0	258	4,897	1,546	25,880
23	1951	8	3,095	1,667	1,428	14,760	10,232	2,925	258	2,219	2,308	23,791
24	1951	9	1,332	525	807	15,867	6,704	3,208	254	5,947	3,216	26,305
25	1951	10	229	171	58	7,686	3,976	700	1,163	1,280	2,430	16,814
26	1951	11	0	0	0	9,010	3,092	0	0	2,186	3,732	20,568
27	1951	12	0	0	0	8,551	3,074	0	0	3,608	1,869	15,648
28	1952	1	0	0	0	8,864	4,334	0	0	2,460	2,071	16,001
29	1952	2	0	0	0	8,280	3,030	0	0	2,860	2,390	13,871
30	1952	3	0	0	0	11,355	3,570	0	0	4,680	3,105	16,984
31	1952	4	56	0	56	22,785	429	0	71	7,743	14,613	39,827
32	1952	5	1,261	0	1,261	73,814	2,192	0	1,355	36,938	34,683	83,877
33	1952	6	2,698	342	2,356	62,497	3,356	0	1,837	36,014	23,126	69,587
34	1952	7	2,580	1,298	1,281	10,614	7,233	0	290	1,613	1,768	18,390
35	1952	8	3,378	2,103	1,276	11,060	8,645	1,074	258	76	2,339	19,518
36	1952	9	1,528	723	805	11,880	5,998	2,155	254	2,651	3,230	21,635
37	1952	10	229	171	58	7,686	4,559	830	1,190	1,222	1,904	16,983
38	1952	11	0	0	0	7,594	3,180	0	0	3,177	1,237	18,980
39	1952	12	0	0	0	7,686	5,314	0	371	2,316	56	15,342
40	1953	1	0	0	0	7,686	6,171	0	87	1,515	0	16,819
41	1953	2	0	0	0	6,942	5,603	0	151	1,340	0	13,658
42	1953	3	0	0	0	7,686	7,513	0	244	173	0	13,335
43	1953	4	56	0	56	7,684	6,883	0	746	801	0	14,010
44	1953	5	1,942	0	1,942	13,886	5,452	0	1,494	8,434	0	20,609
45	1953	6	2,681	342	2,339	69,384	3,322	0	1,745	51,656	14,406	76,557
46	1953	7	3,723	1,857	1,866	18,039	10,555	182	258	6,633	850	25,289
47	1953	8	3,216	1,601	1,615	16,114	11,797	5,298	258	2,236	2,082	25,017
48	1953	9	1,559	666	893	11,881	7,221	3,916	254	3,010	1,649	20,453
49	1953	10	229	171	58	7,976	4,761	1,112	807	1,580	1,635	14,464
50	1953	11	0	0	0	7,438	5,176	0	764	2,231	30	14,597
51	1953	12	0	0	0	7,929	5,398	0	709	1,845	686	13,583
52	1954	1	0	0	0	7,981	7,162	0	378	819	0	14,841
53	1954	2	0	0	0	7,175	6,025	0	208	1,135	15	13,707
54	1954	3	0	0	0	8,820	4,891	0	0	2,804	1,125	14,262
55	1954	4	216	0	216	11,463	5,896	0	93	4,943	623	14,489
56	1954	5	1,920	321	1,598	20,112	7,524	0	1,006	6,826	5,762	20,731
57	1954	6	2,142	690	1,452	7,906	7,906	72	1,940	0	0	13,011
58	1954	7	3,106	1,509	1,597	15,804	13,447	2,304	258	0	2,357	23,254
59	1954	8	2,667	1,364	1,303	18,960	16,083	6,029	258	2,308	570	27,005
60	1954	9	1,325	582	742	13,535	10,061	4,192	254	2,225	1,249	20,812

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			19	20	21	22	23	24	25	26	27	28
Table Number:			P-4b	P-4c	P-4d		P-5a	P-5b	P-5c	P-5d	P-5e	P-5f
Month Number	Year	Month	Provo River from Snake Creek to Deer Creek Reservoir CUP	Provo River from Snake Creek to Deer Creek Reservoir PRP	Provo River from Snake Creek to Deer Creek Reservoir Non-Project	CUP Return Flow Gains above Deer Creek CUP	Provo River from Outlet of Deer Creek to North Fork Total	Provo River from Outlet of Deer Creek to North Fork CUP	Provo River from Outlet of Deer Creek to North Fork PRP	Provo River from Outlet of Deer Creek to North Fork Non-Project	Diversions into Salt Lake Aqueduct Total	Diversions into Salt Lake Aqueduct CUP
1	1949	10	2,960	2,021	9,649	0	9,393	4,613	2,590	2,190	6,100	0
2	1949	11	3,284	5,561	7,350	0	6,971	3,522	5	3,443	4,490	0
3	1949	12	4,707	2,400	5,716	0	8,367	4,936	5	3,426	4,490	0
4	1950	1	5,402	1,959	8,581	0	6,149	4,024	1,746	378	2,859	0
5	1950	2	4,880	1,758	6,676	0	5,554	3,132	1,890	532	2,145	0
6	1950	3	5,380	2,181	7,173	0	6,149	4,000	1,740	409	2,175	0
7	1950	4	2,205	3,183	13,552	141	17,970	9,023	872	8,075	1,150	0
8	1950	5	2,345	35,377	19,108	3,227	60,605	4,278	38,481	17,846	2,530	0
9	1950	6	3,445	42,573	16,964	2,835	71,445	6,413	5,841	59,191	7,700	0
10	1950	7	8,645	7,592	7,930	3,146	39,294	11,569	12,358	15,368	7,290	0
11	1950	8	10,938	2,724	10,219	1,122	28,884	13,259	5,629	9,996	7,700	0
12	1950	9	6,439	3,333	10,203	1,046	22,802	9,359	3,607	9,835	7,710	0
13	1950	10	4,559	1,218	10,558	0	13,595	6,348	2,235	5,011	6,100	0
14	1950	11	2,651	4,266	13,128	0	6,978	2,805	48	4,126	4,490	0
15	1950	12	2,721	6,161	7,232	0	6,250	2,685	125	3,440	4,490	0
16	1951	1	5,873	2,842	5,947	0	6,149	4,458	1,691	0	2,916	0
17	1951	2	5,231	2,863	6,190	0	5,554	3,730	1,729	95	2,306	0
18	1951	3	3,570	5,467	6,183	0	6,149	2,855	213	3,081	3,703	0
19	1951	4	2,256	4,477	9,076	259	18,425	2,810	872	14,743	1,150	0
20	1951	5	2,280	50,440	16,308	4,235	74,214	3,644	21,161	49,409	2,530	0
21	1951	6	4,679	36,281	24,354	3,386	75,716	7,664	6,208	61,844	7,700	0
22	1951	7	10,585	4,897	10,398	3,307	40,268	16,034	10,440	13,794	7,290	0
23	1951	8	10,232	2,219	11,340	1,434	28,805	12,259	6,642	9,904	7,700	0
24	1951	9	6,704	5,947	13,654	999	28,360	9,559	4,334	14,467	7,710	0
25	1951	10	3,976	1,280	11,558	0	7,922	5,687	2,235	0	6,100	0
26	1951	11	3,092	2,186	15,290	0	7,847	3,305	48	4,495	4,490	0
27	1951	12	3,074	3,608	8,965	0	6,927	3,185	147	3,595	4,490	0
28	1952	1	4,334	2,460	9,208	0	6,149	3,213	838	2,098	3,768	0
29	1952	2	3,030	2,860	7,981	0	5,752	1,235	1,598	2,919	2,298	0
30	1952	3	3,570	4,680	8,735	0	20,323	2,047	6	18,270	3,910	0
31	1952	4	429	7,743	31,655	0	44,449	686	6,038	37,726	1,150	0
32	1952	5	2,192	36,938	44,747	648	94,428	3,577	8,537	82,314	2,530	0
33	1952	6	3,356	36,014	30,216	2,721	82,308	6,164	10,132	66,013	7,700	0
34	1952	7	7,233	1,613	9,544	3,307	36,219	13,574	9,003	13,642	7,290	0
35	1952	8	8,645	76	10,798	1,696	26,604	11,559	5,139	9,906	7,700	0
36	1952	9	5,998	2,651	12,986	1,192	24,953	8,959	3,256	12,738	7,710	0
37	1952	10	4,559	1,222	11,202	0	10,337	5,765	2,235	2,337	6,100	0
38	1952	11	3,180	3,177	12,623	0	6,399	3,305	48	3,047	4,490	0
39	1952	12	5,314	2,316	7,712	0	6,149	5,424	724	0	3,890	0
40	1953	1	6,171	1,515	9,133	0	6,149	4,196	1,953	0	2,707	0
41	1953	2	5,603	1,340	6,716	0	5,554	3,952	1,602	0	2,577	0
42	1953	3	7,513	173	5,649	0	8,677	6,318	5	2,354	3,910	0
43	1953	4	6,883	801	6,325	380	14,475	8,360	872	5,243	1,150	0
44	1953	5	5,452	8,434	6,723	5,188	44,959	11,084	13,965	19,910	2,530	0
45	1953	6	3,322	51,656	21,580	3,392	75,807	6,569	29,259	39,979	7,700	0
46	1953	7	10,555	6,633	8,101	2,845	35,201	12,870	7,314	15,016	7,290	0
47	1953	8	11,797	2,236	10,985	904	33,413	13,260	7,557	12,596	7,700	0
48	1953	9	7,221	3,010	10,222	515	25,926	10,060	4,990	10,876	7,710	0
49	1953	10	4,761	1,580	8,123	0	14,063	6,542	2,235	5,286	6,100	0
50	1953	11	5,176	2,231	7,190	0	6,200	5,326	48	827	4,490	0
51	1953	12	5,398	1,845	6,341	0	6,149	4,644	1,035	470	3,510	0
52	1954	1	7,162	819	6,860	0	6,149	4,684	1,342	122	3,263	0
53	1954	2	6,025	1,135	6,546	0	5,554	3,967	1,466	121	2,569	0
54	1954	3	4,891	2,804	6,566	0	6,149	3,114	1,446	1,588	2,469	0
55	1954	4	5,896	4,943	3,649	1,419	20,087	7,675	2,797	9,615	1,150	0
56	1954	5	7,524	6,826	6,381	6,221	38,253	11,052	4,638	22,562	2,530	0
57	1954	6	7,906	0	5,105	690	25,719	14,243	4,232	7,245	7,700	0
58	1954	7	13,447	0	9,807	76	38,047	19,438	7,439	11,170	7,290	0
59	1954	8	16,083	2,308	8,615	0	35,567	17,338	7,688	10,542	7,700	0
60	1954	9	10,061	2,225	8,526	153	28,667	12,938	5,084	10,645	7,710	0

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			29	30	31	32	33	34	35	36	37	38
Table Number:			P-5g	P-6a	P-6b	P-6c	P-6d	P-7a	P-7b	P-7c	P-7d	P-7e
Month Number	Year	Month	Diversions into Salt Lake Aqueduct PRP	Provo River from North Fork to Olmsted Total	Provo River from North Fork to Olmsted CUP	Provo River from North Fork to Olmsted PRP	Provo River from North Fork to Olmsted Non-Project	Provo River from Olmsted to Murdock Total	Provo River from Olmsted to Murdock CUP	Provo River from Olmsted to Murdock PRP	Provo River from Olmsted to Murdock Non-Project	Diversions into Olmsted Aqueduct Total
1	1949	10	6,100	9,626	4,613	2,590	2,423	4,728	839	1,239	2,650	6,066
2	1949	11	4,490	7,723	3,522	5	4,195	4,180	317	0	3,863	4,005
3	1949	12	4,490	9,731	4,936	5	4,790	5,930	1,751	0	4,180	4,205
4	1950	1	2,859	6,963	4,024	1,746	1,192	3,021	2,177	0	843	4,946
5	1950	2	2,145	6,251	3,132	1,890	1,229	2,650	1,754	0	896	4,489
6	1950	3	2,175	7,149	4,000	1,740	1,409	3,296	2,553	0	743	4,540
7	1950	4	1,150	19,628	9,023	872	9,733	20,003	7,823	437	11,743	3,936
8	1950	5	2,530	64,517	4,278	38,481	21,758	61,424	414	37,180	23,830	15,471
9	1950	6	7,700	75,148	6,413	5,841	62,894	68,051	149	3,692	64,210	19,647
10	1950	7	7,290	42,538	11,569	12,358	18,612	30,791	210	9,706	20,875	21,492
11	1950	8	7,700	30,484	13,259	5,629	11,596	16,747	0	2,935	13,812	18,923
12	1950	9	7,710	24,081	9,359	3,607	11,115	15,469	0	1,929	13,541	14,453
13	1950	10	6,100	13,752	6,348	2,235	5,169	9,039	768	1,121	7,150	7,420
14	1950	11	4,490	7,150	2,805	48	4,298	3,024	0	0	3,024	3,648
15	1950	12	4,490	7,819	2,685	125	5,009	5,228	0	0	5,228	3,825
16	1951	1	2,916	7,635	4,458	1,691	1,486	4,129	1,711	0	2,418	5,791
17	1951	2	2,306	6,783	3,730	1,729	1,324	3,925	1,552	0	2,373	5,129
18	1951	3	3,703	7,342	2,855	213	4,274	4,926	908	0	4,018	3,512
19	1951	4	1,150	18,911	2,810	872	15,229	17,174	1,819	437	14,917	5,318
20	1951	5	2,530	78,082	3,644	21,161	53,277	74,844	280	19,859	54,705	16,020
21	1951	6	7,700	78,411	7,664	6,208	64,539	68,978	0	4,088	64,891	21,303
22	1951	7	7,290	43,677	16,034	10,440	17,204	29,791	2,875	7,327	19,589	23,998
23	1951	8	7,700	31,659	12,259	6,642	12,758	19,292	0	3,404	15,887	20,999
24	1951	9	7,710	29,519	9,559	4,334	15,626	19,970	0	2,265	17,705	17,810
25	1951	10	6,100	9,412	5,687	2,235	1,490	5,709	1,122	1,121	3,466	7,220
26	1951	11	4,490	8,069	3,305	48	4,717	2,970	0	0	2,970	4,148
27	1951	12	4,490	8,279	3,185	147	4,947	4,315	0	0	4,315	4,247
28	1952	1	3,768	7,434	3,213	838	3,383	4,004	1,466	0	2,538	3,938
29	1952	2	2,298	6,513	1,235	1,598	3,680	2,618	0	0	2,618	4,098
30	1952	3	3,910	21,072	2,047	6	19,019	17,406	0	0	17,406	3,406
31	1952	4	1,150	46,936	686	6,038	40,213	48,597	1,400	5,602	41,594	1,123
32	1952	5	2,530	101,449	3,577	8,537	89,335	101,922	13	7,235	94,674	15,642
33	1952	6	7,700	89,790	6,164	10,132	73,495	85,205	0	8,048	77,156	19,706
34	1952	7	7,290	40,426	13,574	9,003	17,849	31,483	3,515	6,661	21,307	20,998
35	1952	8	7,700	29,243	11,559	5,139	12,545	19,202	0	2,708	16,495	19,493
36	1952	9	7,710	26,384	8,959	3,256	14,169	19,527	0	1,766	17,761	17,018
37	1952	10	6,100	11,076	5,765	2,235	3,077	8,003	769	1,121	6,114	6,837
38	1952	11	4,490	6,538	3,305	48	3,186	3,170	0	0	3,170	4,248
39	1952	12	3,890	7,558	5,424	724	1,409	4,981	3,039	0	1,942	4,324
40	1953	1	2,707	7,415	4,196	1,953	1,266	4,288	1,649	0	2,639	5,853
41	1953	2	2,577	6,374	3,952	1,602	820	3,123	1,474	0	1,650	5,302
42	1953	3	3,910	9,221	6,318	5	2,898	7,297	3,771	0	3,526	3,905
43	1953	4	1,150	15,551	8,360	872	6,318	13,703	6,270	437	6,997	5,765
44	1953	5	2,530	47,242	11,084	13,965	22,193	41,490	4,204	12,665	24,621	17,080
45	1953	6	7,700	80,818	6,569	29,259	44,990	74,293	0	27,254	47,040	21,272
46	1953	7	7,290	36,514	12,870	7,314	16,329	21,178	610	3,732	16,836	21,426
47	1953	8	7,700	33,998	13,260	7,557	13,181	18,158	0	3,828	14,330	20,468
48	1953	9	7,710	26,288	10,060	4,990	11,237	14,891	0	2,569	12,322	15,096
49	1953	10	6,100	14,310	6,542	2,235	5,533	8,795	768	1,121	6,906	7,614
50	1953	11	4,490	7,394	5,326	48	2,021	3,917	2,221	0	1,696	4,048
51	1953	12	3,510	6,934	4,644	1,035	1,255	3,018	1,796	0	1,222	5,235
52	1954	1	3,263	6,723	4,684	1,342	696	2,479	1,538	0	941	5,842
53	1954	2	2,569	6,045	3,967	1,466	612	2,456	1,389	0	1,068	5,266
54	1954	3	2,469	6,553	3,114	1,446	1,992	1,996	48	0	1,948	5,646
55	1954	4	1,150	21,469	7,675	2,797	10,997	18,005	2,875	2,361	12,769	9,844
56	1954	5	2,530	42,356	11,052	4,638	26,665	34,809	2,283	3,311	29,214	22,782
57	1954	6	7,700	28,545	14,243	4,232	10,071	14,333	0	2,048	12,284	19,463
58	1954	7	7,290	40,227	19,438	7,439	13,350	19,150	0	3,976	15,173	27,668
59	1954	8	7,700	37,041	17,338	7,688	12,016	17,852	0	3,889	13,963	25,691
60	1954	9	7,710	29,825	12,938	5,084	11,802	16,106	0	2,613	13,493	20,246

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			39	40	41	42	43	44	45	46	47	48
Table Number:			P-7f	P-7g	P-7h	P-7i	P-8a	P-8b	P-8c	P-8d	P-8e	P-8f
Month Number	Year	Month	Diversions into Olmsted Aqueduct CUP	Diversions into Olmsted Aqueduct Ap 40524	Diversions into Olmsted Aqueduct PRP	Diversions into Olmsted Aqueduct Non-Project	Provo River from Murdock to Interstate15 Total	Provo River from Murdock to Interstate15 CUP	Provo River from Murdock to Interstate15 PRP	Provo River from Murdock to Interstate15 Non-Project	Diversions into Provo Reservoir Canal Total	ULS Water in Provo Reservoir Canal CUP
1	1949	10	3,775	0	1,351	940	5,311	3,740	160	1,411	3,601	2,127
2	1949	11	4,000	795	5	0	4,292	317	0	3,975	0	0
3	1949	12	4,200	1,015	5	0	6,134	1,751	0	4,384	0	0
4	1950	1	3,200	1,353	1,746	0	4,271	3,311	0	960	0	0
5	1950	2	2,600	1,222	1,890	0	2,750	1,754	0	996	0	0
6	1950	3	2,800	1,353	1,740	0	3,439	2,553	0	886	0	0
7	1950	4	1,200	0	435	2,301	16,900	7,935	80	8,885	3,141	1,815
8	1950	5	4,880	1,015	1,302	9,290	48,307	750	36,104	11,452	7,670	2,685
9	1950	6	7,259	995	2,149	10,238	53,171	690	1,964	50,517	10,477	4,440
10	1950	7	11,359	0	2,652	7,480	16,478	4,153	3,467	8,858	10,426	5,040
11	1950	8	13,259	0	2,694	2,970	14,036	3,323	610	10,103	8,358	4,783
12	1950	9	9,359	0	1,679	3,415	13,399	3,810	480	9,108	6,486	3,600
13	1950	10	5,580	0	1,114	727	7,541	1,069	160	6,312	3,394	2,127
14	1950	11	3,600	795	48	0	3,057	0	0	3,057	0	0
15	1950	12	3,700	1,015	125	0	5,462	0	0	5,462	0	0
16	1951	1	4,100	1,353	1,691	0	4,336	1,711	0	2,625	0	0
17	1951	2	3,400	1,222	1,729	0	4,096	1,552	0	2,544	0	0
18	1951	3	3,300	1,353	213	0	5,093	908	0	4,185	0	0
19	1951	4	2,300	1,309	435	2,583	13,461	1,931	80	11,450	3,259	1,815
20	1951	5	4,580	1,215	1,302	10,139	60,510	616	18,784	41,110	8,027	2,685
21	1951	6	8,659	995	2,120	10,523	53,544	541	2,359	50,644	10,597	4,440
22	1951	7	13,159	0	3,113	7,726	13,741	3,716	640	9,385	10,978	5,040
23	1951	8	12,259	0	3,238	5,503	10,209	875	610	8,724	9,893	4,783
24	1951	9	9,559	0	2,069	6,183	10,364	559	480	9,325	7,987	3,600
25	1951	10	5,380	815	1,114	727	4,295	1,423	160	2,712	3,394	2,127
26	1951	11	4,100	795	48	0	3,009	0	0	3,009	0	0
27	1951	12	4,100	915	147	0	4,528	0	0	4,528	0	0
28	1952	1	3,100	1,353	838	0	4,184	1,466	0	2,718	0	0
29	1952	2	2,500	1,265	1,598	0	2,727	0	0	2,726	0	0
30	1952	3	3,400	1,353	6	0	17,526	0	0	17,526	0	0
31	1952	4	500	1,214	436	188	48,452	1,512	5,245	41,695	2,251	1,815
32	1952	5	4,480	915	1,302	9,860	88,346	349	6,160	81,837	7,910	2,685
33	1952	6	7,159	995	2,083	10,464	70,510	541	6,320	63,649	10,572	4,440
34	1952	7	10,059	0	2,342	8,597	14,556	4,360	640	9,556	10,679	5,040
35	1952	8	11,559	0	2,431	5,503	10,571	657	610	9,305	9,197	4,783
36	1952	9	8,959	0	1,490	6,569	9,737	402	480	8,855	7,650	3,600
37	1952	10	4,996	0	1,114	727	6,596	1,069	160	5,367	3,394	2,127
38	1952	11	4,200	895	48	0	3,199	0	0	3,199	0	0
39	1952	12	3,600	1,215	724	0	5,181	3,039	0	2,142	0	0
40	1953	1	3,900	1,353	1,953	0	4,467	1,649	0	2,818	0	0
41	1953	2	3,700	1,222	1,602	0	3,239	1,474	0	1,766	0	0
42	1953	3	3,900	1,353	5	0	7,376	3,771	0	3,605	0	0
43	1953	4	3,400	1,309	435	1,931	10,945	6,381	80	4,484	2,985	1,815
44	1953	5	6,880	0	1,300	8,900	23,502	5,770	7,590	10,142	7,506	2,685
45	1953	6	7,765	1,195	2,005	11,502	57,825	541	25,526	31,759	11,008	4,440
46	1953	7	12,260	0	3,582	5,583	10,758	2,403	640	7,715	10,481	5,040
47	1953	8	13,260	0	3,729	3,479	11,373	1,007	610	9,755	9,465	4,783
48	1953	9	10,061	0	2,421	2,615	10,051	654	480	8,918	6,790	3,600
49	1953	10	5,774	0	1,114	727	7,333	1,069	160	6,104	3,394	2,127
50	1953	11	4,000	895	48	0	4,087	2,221	0	1,866	0	0
51	1953	12	4,200	1,353	1,035	0	3,135	1,796	0	1,339	0	0
52	1954	1	4,500	1,353	1,342	0	2,564	1,538	0	1,026	0	0
53	1954	2	3,800	1,222	1,466	0	2,529	1,389	0	1,141	0	0
54	1954	3	4,200	1,134	1,446	0	2,057	48	0	2,008	0	0
55	1954	4	4,800	0	435	4,609	10,413	3,758	80	6,575	4,112	1,815
56	1954	5	8,769	0	1,327	12,686	13,230	4,259	160	8,811	9,099	2,685
57	1954	6	14,243	0	2,183	3,037	8,921	1,108	320	7,494	7,446	4,440
58	1954	7	19,438	0	3,463	4,768	9,836	1,725	640	7,471	10,383	5,040
59	1954	8	17,338	0	3,799	4,554	9,556	1,026	610	7,919	9,978	4,783
60	1954	9	12,938	0	2,471	4,836	8,125	667	480	6,978	7,768	3,600

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			49	50	51	52	53	54	55	56	57	58	59
Table Number:			P-8g	P-8h	P-9a	P-9b	P-9c	P-9d	P-9e				
Month Number	Year	Month	Diversions into Provo Reservoir Canal PRP	Diversions into Provo Reservoir Canal Non-Project	Provo River from Interstate 15 to Utah Lake Total	Provo River from Interstate 15 to Utah Lake CUP	Provo River from Interstate 15 to Utah Lake PRP	Provo River from Interstate 15 to Utah Lake Non-Project	PRP Diversion to Provo Bench Canal PRP	June Sucker Releases CUP	June Sucker Releases PRP	June Sucker Releases Non-Project	75-cfs Target Releases Non-Project
1	1949	10	1,079	395	4,611	3,740	0	698	160	0	0	0	-173
2	1949	11	0	0	4,580	317	0	4,263	0	0	0	0	0
3	1949	12	0	0	6,641	1,751	0	4,891	0	0	0	0	0
4	1950	1	0	0	3,895	3,311	0	584	0	0	0	0	0
5	1950	2	0	0	2,443	1,754	0	689	0	0	0	0	0
6	1950	3	0	0	2,944	2,553	0	391	0	0	0	0	0
7	1950	4	357	968	10,719	7,935	0	2,363	80	-2,516	0	0	-421
8	1950	5	1,075	3,909	39,853	750	35,944	2,530	160	0	0	0	-629
9	1950	6	1,728	4,308	43,035	690	1,644	39,944	320	-149	0	0	-758
10	1950	7	2,239	3,148	7,727	4,153	2,827	49	640	-210	-4,000	-1,068	-698
11	1950	8	2,325	1,250	4,100	3,323	0	118	610	0	0	0	-659
12	1950	9	1,449	1,437	4,463	3,810	0	80	480	0	0	0	-572
13	1950	10	961	306	1,544	1,069	0	94	160	0	0	0	-381
14	1950	11	0	0	2,623	0	0	2,623	0	0	0	0	0
15	1950	12	0	0	5,631	0	0	5,631	0	0	0	0	0
16	1951	1	0	0	4,376	1,711	0	2,665	0	0	0	0	0
17	1951	2	0	0	4,082	1,552	0	2,529	0	0	0	0	0
18	1951	3	0	0	4,950	908	0	4,042	0	0	0	0	0
19	1951	4	357	1,087	7,390	1,931	0	5,161	80	0	0	0	-298
20	1951	5	1,075	4,266	52,868	616	18,624	33,028	160	0	0	0	-600
21	1951	6	1,728	4,428	43,424	541	2,039	40,086	320	0	0	0	-758
22	1951	7	2,687	3,251	4,428	3,716	0	8	640	-2,875	-4,000	0	-704
23	1951	8	2,794	2,316	1,535	875	0	41	610	0	0	0	-620
24	1951	9	1,785	2,602	1,167	559	0	15	480	0	0	0	-5
25	1951	10	961	306	2,893	1,423	0	1,339	160	0	0	0	-
26	1951	11	0	0	2,542	0	0	2,542	0	0	0	0	
27	1951	12	0	0	4,632	0	0	4,632	0	0	0	0	0
28	1952	1	0	0	4,148	1,466	0	2,682	0	0	0	0	0
29	1952	2	0	0	2,542	0	0	2,542	0	0	0	0	0
30	1952	3	0	0	17,260	0	0	17,260	0	0	0	0	0
31	1952	4	357	79	49,455	1,512	5,165	42,778	80	0	0	0	0
32	1952	5	1,075	4,149	87,148	349	6,000	80,420	160	0	0	0	-378
33	1952	6	1,728	4,403	62,890	541	6,000	55,666	320	0	0	0	-683
34	1952	7	2,021	3,618	5,062	4,360	0	0	640	-2,875	-4,000	-212	-702
35	1952	8	2,098	2,316	1,309	657	0	39	610	0	0	0	-614
36	1952	9	1,286	2,764	957	402	0	0	480	0	0	0	-555
37	1952	10	961	306	1,581	1,069	0	102	160	0	0	0	-410
38	1952	11	0	0	2,663	0	0	2,663	0	0	0	0	0
39	1952	12	0	0	5,168	3,039	0	2,129	0	0	0	0	0
40	1953	1	0	0	4,370	1,649	0	2,722	0	0	0	0	0
41	1953	2	0	0	3,041	1,474	0	1,567	0	0	0	0	0
42	1953	3	0	0	6,979	3,771	0	3,208	0	0	0	0	0
43	1953	4	357	812	6,572	6,381	0	5	80	-1,221	0	0	-186
44	1953	5	1,075	3,745	13,925	5,770	7,430	0	160	-1,654	-4,000	-1,230	-725
45	1953	6	1,728	4,840	48,338	541	25,206	21,833	320	0	0	0	-758
46	1953	7	3,092	2,349	2,995	2,403	0	0	640	0	0	-825	-592
47	1953	8	3,218	1,464	1,742	1,007	0	98	610	0	0	0	-637
48	1953	9	2,089	1,100	1,359	654	0	108	480	0	0	0	-596
49	1953	10	961	306	1,616	1,069	0	110	160	0	0	0	-437
50	1953	11	0	0	4,838	2,221	0	2,618	0	0	0	0	0
51	1953	12	0	0	2,988	1,796	0	1,192	0	0	0	0	0
52	1954	1	0	0	2,280	1,538	0	742	0	0	0	0	0
53	1954	2	0	0	2,249	1,389	0	861	0	0	0	0	0
54	1954	3	0	0	1,626	48	0	1,578	0	0	0	0	0
55	1954	4	357	1,939	4,879	3,758	0	744	80	-2,875	-1,924	0	-377
56	1954	5	1,075	5,338	5,001	4,259	0	0	160	0	-2,076	-1,639	-7
57	1954	6	1,728	1,278	1,731	1,108	0	0	320	0	0	-567	-
58	1954	7	3,336	2,006	2,319	1,725	0	0	640	0	0	-739	-5
59	1954	8	3,279	1,916	1,606	1,026	0	41	610	0	0	0	-539
60	1954	9	2,133	2,035	1,167	667	0	17	480	0	0	0	-482

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:				1	2	3	4	5	6	7	8
Table Number:			P-0	P-1a	P-1b	P-1c	P-1d	P-2a	P-2b	P-2c	P-2d
Month Number	Year	Month	Foreign Water into Jordanelle PRP	Provo River Release from Jordanelle Total	Provo River Release from Jordanelle CUP	Provo River Release from Jordanelle PRP	Provo River Release from Jordanelle Non-Project	Provo River from Timpanogos to River Ditch Total	Provo River from Timpanogos to River Ditch CUP	Provo River from Timpanogos to River Ditch PRP	Provo River from Timpanogos to River Ditch Non-Project
61	1954	10	390	9,659	7,101	912	1,646	9,430	6,930	912	1,588
62	1954	11	3,328	8,328	5,195	1,863	1,270	8,328	5,195	1,863	1,270
63	1954	12	1,365	8,562	5,513	1,518	1,532	8,562	5,513	1,518	1,532
64	1955	1	334	8,575	7,936	64	575	8,575	7,936	64	575
65	1955	2	308	7,763	6,957	185	620	7,763	6,957	185	620
66	1955	3	338	8,206	7,457	343	407	8,206	7,457	343	407
67	1955	4	3	8,939	6,863	488	1,588	8,786	6,863	488	1,435
68	1955	5	23,702	24,902	7,983	3,338	13,581	23,174	7,983	3,338	11,853
69	1955	6	12,864	34,061	7,699	13,279	13,084	32,111	7,311	13,279	11,522
70	1955	7	217	35,317	18,850	2,585	13,883	31,685	17,017	2,585	12,083
71	1955	8	33	29,364	23,425	2,003	3,936	26,179	21,840	2,003	2,336
72	1955	9	0	19,797	16,577	1,071	2,150	18,241	15,916	1,071	1,255
73	1955	10	20	9,117	6,176	813	2,129	8,888	6,005	813	2,071
74	1955	11	3,869	8,109	3,621	3,008	1,480	8,109	3,621	3,008	1,480
75	1955	12	2,274	7,956	5,419	1,543	994	7,956	5,419	1,543	994
76	1956	1	4,547	8,049	6,466	762	821	8,049	6,466	762	821
77	1956	2	3,814	7,604	6,347	527	730	7,604	6,347	527	730
78	1956	3	4,896	8,092	5,547	1,336	1,209	8,092	5,547	1,336	1,209
79	1956	4	5,187	10,554	5,381	2,046	3,127	10,352	5,381	2,046	2,925
80	1956	5	62,094	24,943	4,852	8,807	11,284	23,315	4,852	8,807	9,657
81	1956	6	37,510	58,463	7,570	34,330	16,563	55,954	6,685	34,330	14,939
82	1956	7	2,404	62,899	16,041	27,213	19,645	59,741	14,462	27,213	18,066
83	1956	8	825	45,946	20,908	13,257	11,782	43,068	19,496	13,257	10,315
84	1956	9	427	22,480	16,457	1,428	4,595	21,033	15,866	1,428	3,739
85	1956	10	430	9,890	5,865	950	3,075	9,661	5,694	950	3,017
86	1956	11	3,549	7,832	3,886	2,701	1,245	7,832	3,886	2,701	1,245
87	1956	12	763	8,032	5,075	1,703	1,254	8,032	5,075	1,703	1,254
88	1957	1	418	7,961	6,778	615	568	7,961	6,778	615	568
89	1957	2	373	6,993	6,057	711	225	6,993	6,057	711	225
90	1957	3	449	8,244	6,596	634	1,014	8,244	6,596	634	1,014
91	1957	4	5,621	9,185	4,794	2,244	2,148	9,129	4,794	2,244	2,091
92	1957	5	31,722	17,710	5,204	2,206	10,300	16,050	5,204	2,206	8,640
93	1957	6	82,626	78,104	4,899	51,694	21,511	76,102	4,557	51,694	19,851
94	1957	7	9,371	55,433	11,964	15,362	28,107	51,719	10,107	15,362	26,251
95	1957	8	1,598	34,820	15,267	5,613	13,940	31,590	13,666	5,613	12,311
96	1957	9	613	19,144	10,946	4,241	3,956	17,595	10,280	4,241	3,074
97	1957	10	693	9,930	6,082	985	2,862	9,701	5,911	985	2,804
98	1957	11	4,262	8,877	4,868	3,375	635	8,877	4,868	3,375	635
99	1957	12	3,948	9,204	3,927	3,191	2,087	9,204	3,927	3,191	2,087
100	1958	1	3,679	8,479	6,799	562	1,118	8,479	6,799	562	1,118
101	1958	2	3,743	7,637	4,915	1,845	877	7,637	4,915	1,845	877
102	1958	3	883	7,836	5,308	1,506	1,022	7,836	5,308	1,506	1,022
103	1958	4	6,380	8,703	2,991	3,996	1,715	8,646	2,991	3,996	1,659
104	1958	5	56,896	48,172	3,352	34,905	9,915	46,715	3,352	34,905	8,458
105	1958	6	21,877	42,462	7,140	21,509	13,813	40,269	6,490	21,509	12,270
106	1958	7	1,590	35,786	14,032	6,463	15,291	32,695	12,476	6,463	13,756
107	1958	8	695	29,633	19,381	3,788	6,464	26,575	17,786	3,788	5,001
108	1958	9	571	18,652	12,753	2,315	3,583	17,130	12,088	2,315	2,726
109	1958	10	393	9,802	6,548	905	2,349	9,573	6,377	905	2,291
110	1958	11	3,491	7,868	5,115	1,922	830	7,868	5,115	1,922	830
111	1958	12	1,010	8,270	5,078	1,743	1,449	8,270	5,078	1,743	1,449
112	1959	1	378	8,236	7,616	44	576	8,236	7,616	44	576
113	1959	2	309	7,328	6,476	291	561	7,328	6,476	291	561
114	1959	3	351	8,038	7,127	349	562	8,038	7,127	349	562
115	1959	4	4,591	11,012	6,849	2,465	1,698	10,956	6,849	2,465	1,642
116	1959	5	7,733	28,588	9,590	4,117	14,882	26,682	9,383	4,117	13,182
117	1959	6	20,744	41,441	8,833	17,983	14,625	39,049	8,106	17,983	12,961
118	1959	7	2,932	33,769	19,482	1,266	13,021	30,389	17,933	1,266	11,189
119	1959	8	595	29,624	22,928	1,994	4,701	26,689	21,537	1,994	3,158
120	1959	9	732	17,405	14,100	1,218	2,087	15,958	13,508	1,218	1,231

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			9	10	11	12	13	14	15	16	17	18
Table Number:			P-2e	P-2f	P-2g	P-3a	P-3b			P-3c	P-3d	P-4a
Month Number	Year	Month	Diversions into Timpanogos Canal Total	Diversions into Timpanogos Canal CUP	Diversions into Timpanogos Canal Non-Project	Provo from River Ditch to Snake Creek Total	Provo from River Ditch to Snake Creek CUP	Diversions in Reach CUP	Diversions in Reach VCWEP Mitigatio	Provo from River Ditch to Snake Creek PRP	Provo from River Ditch to Snake Creek Non-Project	Provo River from Snake Creek to Deer Creek Reservoir Total
61	1954	10	229	171	58	8,017	5,949	1,032	670	912	1,156	14,624
62	1954	11	0	0	0	7,573	5,195	0	601	1,863	515	14,943
63	1954	12	0	0	0	7,942	5,513	0	494	1,518	912	14,238
64	1955	1	0	0	0	8,039	7,936	0	427	64	39	13,970
65	1955	2	0	0	0	7,254	6,957	0	405	185	111	11,804
66	1955	3	0	0	0	8,005	7,457	0	160	343	206	14,582
67	1955	4	152	0	152	7,438	6,863	0	929	488	87	11,100
68	1955	5	1,728	0	1,728	12,960	7,983	0	1,223	3,338	1,639	17,094
69	1955	6	1,950	388	1,562	20,773	7,245	0	815	13,279	250	28,617
70	1955	7	3,633	1,833	1,800	20,380	16,589	126	258	2,585	1,206	25,930
71	1955	8	3,184	1,585	1,600	17,942	15,369	6,721	258	2,003	570	25,252
72	1955	9	1,556	660	896	13,468	11,199	4,990	254	1,071	1,198	21,046
73	1955	10	229	171	58	7,686	4,940	1,123	1,102	813	1,933	13,981
74	1955	11	0	0	0	7,438	3,621	0	534	3,008	809	15,361
75	1955	12	0	0	0	7,686	5,419	0	215	1,543	724	15,924
76	1956	1	0	0	0	7,686	6,466	0	289	762	458	14,435
77	1956	2	0	0	0	7,190	6,347	0	330	527	316	12,326
78	1956	3	0	0	0	7,686	5,547	0	323	1,336	803	12,610
79	1956	4	202	0	202	7,438	5,381	0	255	2,046	11	11,007
80	1956	5	1,628	0	1,628	13,927	4,852	0	1,096	8,807	269	18,429
81	1956	6	2,510	885	1,625	43,432	6,534	0	823	34,330	2,567	49,188
82	1956	7	3,158	1,579	1,579	48,176	14,082	122	258	27,213	6,882	53,526
83	1956	8	2,879	1,411	1,467	34,700	13,233	6,527	258	13,257	8,210	41,700
84	1956	9	1,446	590	856	16,396	10,935	5,236	254	1,428	4,033	23,643
85	1956	10	229	171	58	7,686	4,675	1,072	1,700	950	2,061	12,575
86	1956	11	0	0	0	7,438	3,886	0	361	2,701	851	15,631
87	1956	12	0	0	0	7,686	5,075	0	275	1,703	908	14,507
88	1957	1	0	0	0	7,686	6,778	0	219	615	293	14,525
89	1957	2	0	0	0	6,942	6,057	0	41	711	174	13,947
90	1957	3	0	0	0	7,686	6,596	0	444	634	456	12,365
91	1957	4	56	0	56	7,438	4,794	0	824	2,244	401	10,556
92	1957	5	1,660	0	1,660	7,686	5,204	0	1,375	2,206	276	15,354
93	1957	6	2,002	342	1,660	65,126	4,499	0	958	51,694	8,934	73,446
94	1957	7	3,714	1,857	1,857	39,367	9,791	0	404	15,362	14,214	45,269
95	1957	8	3,230	1,601	1,629	23,026	11,114	2,470	258	5,613	6,299	30,069
96	1957	9	1,549	666	883	11,737	6,792	3,657	254	4,241	704	20,472
97	1957	10	229	171	58	7,686	4,912	1,051	1,621	985	1,789	13,811
98	1957	11	0	0	0	8,242	4,868	0	0	3,375	0	16,066
99	1957	12	0	0	0	8,550	3,927	0	0	3,191	1,433	14,375
100	1958	1	0	0	0	7,686	6,799	0	631	562	325	12,201
101	1958	2	0	0	0	7,219	4,915	0	0	1,845	459	13,095
102	1958	3	0	0	0	7,686	5,308	0	119	1,506	872	14,177
103	1958	4	56	0	56	8,091	2,991	0	71	3,996	1,103	14,146
104	1958	5	1,457	0	1,457	38,257	3,352	0	881	34,905	0	42,040
105	1958	6	2,193	650	1,544	28,750	6,379	0	760	21,509	861	34,634
106	1958	7	3,090	1,556	1,534	21,124	12,148	69	258	6,463	2,513	27,460
107	1958	8	3,059	1,596	1,463	18,008	12,426	5,514	258	3,788	1,794	25,030
108	1958	9	1,521	664	857	12,348	7,321	5,044	254	2,315	2,711	19,724
109	1958	10	229	171	58	7,686	5,353	1,078	1,234	905	1,428	14,050
110	1958	11	0	0	0	7,438	5,115	0	342	1,922	400	15,101
111	1958	12	0	0	0	7,686	5,078	0	465	1,743	865	13,615
112	1959	1	0	0	0	7,686	7,616	0	438	44	26	13,454
113	1959	2	0	0	0	6,942	6,476	0	307	291	175	12,403
114	1959	3	0	0	0	7,686	7,127	0	280	349	210	13,048
115	1959	4	56	0	56	9,517	6,849	0	71	2,465	203	11,729
116	1959	5	1,907	207	1,699	16,031	9,347	0	1,153	4,117	2,567	19,692
117	1959	6	2,392	728	1,664	26,172	7,939	46	806	17,983	250	31,698
118	1959	7	3,380	1,548	1,831	19,406	16,936	795	258	1,266	1,203	25,773
119	1959	8	2,935	1,391	1,544	18,089	15,525	6,260	258	1,994	570	24,615
120	1959	9	1,448	592	856	11,102	8,529	5,287	254	1,218	1,354	18,106

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			19	20	21	22	23	24	25	26	27	28
Table Number:			P-4b	P-4c	P-4d		P-5a	P-5b	P-5c	P-5d	P-5e	P-5f
Month Number	Year	Month	Provo River from Snake Creek to Deer Creek Reservoir CUP	Provo River from Snake Creek to Deer Creek Reservoir PRP	Provo River from Snake Creek to Deer Creek Reservoir Non-Project	CUP Return Flow Gains above Deer Creek CUP	Provo River from Outlet of Deer Creek to North Fork Total	Provo River from Outlet of Deer Creek to North Fork CUP	Provo River from Outlet of Deer Creek to North Fork PRP	Provo River from Outlet of Deer Creek to North Fork Non-Project	Diversions into Salt Lake Aqueduct Total	Diversions into Salt Lake Aqueduct CUP
61	1954	10	5,949	912	7,762	0	15,707	8,526	2,235	4,947	6,100	0
62	1954	11	5,195	1,863	7,884	0	6,200	5,345	195	660	4,490	0
63	1954	12	5,513	1,518	7,208	0	6,149	5,059	644	445	3,851	0
64	1955	1	7,936	64	5,969	0	6,149	5,596	511	41	4,094	0
65	1955	2	6,957	185	4,662	0	5,554	4,934	575	45	3,461	0
66	1955	3	7,457	343	6,782	0	6,149	5,891	206	51	3,710	0
67	1955	4	6,863	488	3,749	86	11,387	8,412	2,796	178	1,150	0
68	1955	5	7,983	3,338	5,773	5,613	36,157	10,693	4,637	20,826	2,530	0
69	1955	6	7,245	13,279	8,094	2,567	39,710	11,368	4,055	24,287	7,700	0
70	1955	7	16,589	2,585	6,757	905	41,163	17,863	7,845	15,455	7,290	0
71	1955	8	15,369	2,003	7,880	0	35,850	16,163	8,112	11,575	7,700	0
72	1955	9	11,199	1,071	8,776	292	29,166	14,763	3,624	10,779	7,710	0
73	1955	10	4,940	813	8,229	0	11,605	7,507	0	4,098	299	0
74	1955	11	3,621	3,008	8,732	0	5,950	3,905	202	1,844	2,340	0
75	1955	12	5,419	1,543	8,962	0	6,149	5,443	705	0	1,502	0
76	1956	1	6,466	762	7,207	0	6,149	4,430	1,606	112	2,870	0
77	1956	2	6,347	527	5,452	0	5,752	4,695	1,012	44	2,738	0
78	1956	3	5,547	1,336	5,727	0	6,149	4,088	1,989	71	1,926	0
79	1956	4	5,381	2,046	3,580	1,030	16,446	7,475	2,796	6,175	1,150	0
80	1956	5	4,852	8,807	4,770	4,687	36,048	7,901	4,636	23,511	2,530	0
81	1956	6	6,534	34,330	8,324	3,128	40,715	10,381	4,223	26,111	7,700	0
82	1956	7	14,082	27,213	12,232	1,340	37,007	16,576	6,950	13,480	7,290	0
83	1956	8	13,233	13,257	15,210	0	33,078	15,076	7,165	10,837	7,700	0
84	1956	9	10,935	1,428	11,281	78	28,904	14,676	4,709	9,519	7,710	0
85	1956	10	4,675	950	6,950	0	11,595	6,479	2,235	2,881	6,100	0
86	1956	11	3,886	2,701	9,044	0	6,532	4,205	48	2,280	4,490	0
87	1956	12	5,075	1,703	7,729	0	6,149	5,353	286	509	4,333	0
88	1957	1	6,778	615	7,132	0	6,149	5,084	1,011	53	3,595	0
89	1957	2	6,057	711	7,179	0	5,554	4,467	1,021	66	3,159	0
90	1957	3	6,596	634	5,135	0	6,149	5,277	795	76	3,121	0
91	1957	4	4,794	2,244	3,519	826	9,479	6,066	2,797	616	1,150	0
92	1957	5	5,204	2,206	7,943	5,285	27,391	8,235	4,659	14,497	2,530	0
93	1957	6	4,499	51,694	17,253	1,529	54,667	7,259	18,904	28,504	7,700	0
94	1957	7	9,791	15,362	20,116	3,716	38,104	11,959	7,627	18,519	7,290	0
95	1957	8	11,114	5,613	13,342	1,963	32,660	12,959	7,883	11,818	7,700	0
96	1957	9	6,792	4,241	9,439	344	27,010	9,559	5,225	12,226	7,710	0
97	1957	10	4,912	985	7,915	0	12,755	6,748	2,235	3,771	6,100	0
98	1957	11	4,868	3,375	7,823	0	6,200	5,325	48	828	4,490	0
99	1957	12	3,927	3,191	7,258	0	6,149	4,051	181	1,916	4,375	0
100	1958	1	6,799	562	4,841	0	6,149	5,207	848	93	3,757	0
101	1958	2	4,915	1,845	6,334	0	5,554	3,372	1,335	847	2,700	0
102	1958	3	5,308	1,506	7,363	0	6,149	4,017	2,005	126	1,910	0
103	1958	4	2,991	3,996	7,159	0	9,609	4,766	2,797	2,046	1,150	0
104	1958	5	3,352	34,905	3,783	3,463	46,169	4,479	28,411	13,278	2,530	0
105	1958	6	6,379	21,509	6,745	3,509	45,576	11,840	9,726	24,011	7,700	0
106	1958	7	12,148	6,463	8,849	1,220	35,784	14,459	7,502	13,823	7,290	0
107	1958	8	12,426	3,788	8,816	0	32,815	14,159	7,753	10,903	7,700	0
108	1958	9	7,321	2,315	10,087	258	25,846	9,959	5,131	10,756	7,710	0
109	1958	10	5,353	905	7,792	0	12,497	8,081	2,235	2,181	6,100	0
110	1958	11	5,115	1,922	8,063	0	6,200	5,400	101	699	4,490	0
111	1958	12	5,078	1,743	6,795	0	6,149	4,957	805	387	3,690	0
112	1959	1	7,616	44	5,794	0	6,149	5,376	708	64	3,897	0
113	1959	2	6,476	291	5,635	0	5,554	4,642	868	44	3,167	0
114	1959	3	7,127	349	5,571	0	6,149	5,679	372	97	3,544	0
115	1959	4	6,849	2,465	2,414	1,392	18,083	9,075	2,796	6,211	1,150	0
116	1959	5	9,347	4,117	6,228	6,069	38,063	12,537	4,729	20,798	2,530	0
117	1959	6	7,939	17,983	5,776	3,204	41,257	12,626	4,141	24,491	7,700	0
118	1959	7	16,936	1,266	7,570	672	35,803	19,025	7,752	9,026	7,290	0
119	1959	8	15,525	1,994	7,096	0	33,487	17,125	8,014	8,348	7,700	0
120	1959	9	8,529	1,218	8,358	272	27,608	12,225	5,318	10,064	7,710	0

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			29	30	31	32	33	34	35	36	37	38
Table Number:			P-5g	P-6a	P-6b	P-6c	P-6d	P-7a	P-7b	P-7c	P-7d	P-7e
Month Number	Year	Month	Diversions into Salt Lake Aqueduct PRP	Provo River from North Fork to Olmsted Total	Provo River from North Fork to Olmsted CUP	Provo River from North Fork to Olmsted PRP	Provo River from North Fork to Olmsted Non-Project	Provo River from Olmsted to Murdock Total	Provo River from Olmsted to Murdock CUP	Provo River from Olmsted to Murdock PRP	Provo River from Olmsted to Murdock Non-Project	Diversions into Olmsted Aqueduct Total
61	1954	10	6,100	15,998	8,526	2,235	5,237	8,144	768	1,121	6,255	9,598
62	1954	11	4,490	6,753	5,345	195	1,213	2,455	1,440	0	1,015	4,995
63	1954	12	3,851	6,578	5,059	644	874	2,021	1,537	0	484	5,344
64	1955	1	4,094	6,481	5,596	511	373	2,043	1,538	0	505	5,511
65	1955	2	3,461	5,947	4,934	575	438	1,760	1,389	0	371	4,874
66	1955	3	3,710	6,418	5,891	206	320	2,059	1,538	0	522	5,506
67	1955	4	1,150	12,423	8,412	2,796	1,214	6,729	2,875	2,361	1,492	6,935
68	1955	5	2,530	39,222	10,693	4,637	23,891	29,656	1,412	3,311	24,933	20,182
69	1955	6	7,700	42,965	11,368	4,055	27,542	30,668	0	2,048	28,619	25,514
70	1955	7	7,290	42,487	17,863	7,845	16,779	22,245	0	4,779	17,465	27,668
71	1955	8	7,700	36,601	16,163	8,112	12,326	17,532	0	4,085	13,447	23,502
72	1955	9	7,710	29,790	14,763	3,624	11,403	14,440	0	1,937	12,504	19,746
73	1955	10	299	12,015	7,507	0	4,508	5,457	0	0	5,457	8,234
74	1955	11	2,340	6,666	3,905	202	2,560	3,082	0	0	3,082	4,902
75	1955	12	1,502	7,018	5,443	705	870	4,167	2,758	0	1,409	4,705
76	1956	1	2,870	6,589	4,430	1,606	552	1,966	1,538	0	428	5,406
77	1956	2	2,738	6,062	4,695	1,012	354	1,866	1,438	0	428	5,312
78	1956	3	1,926	6,458	4,088	1,989	380	2,078	1,538	0	541	5,689
79	1956	4	1,150	17,856	7,475	2,796	7,585	14,171	2,875	2,361	8,935	7,519
80	1956	5	2,530	39,287	7,901	4,636	26,750	32,393	1,562	3,311	27,520	19,116
81	1956	6	7,700	43,933	10,381	4,223	29,329	31,928	0	2,048	29,880	25,379
82	1956	7	7,290	38,941	16,576	6,950	15,414	20,194	0	3,558	16,636	25,836
83	1956	8	7,700	33,968	15,076	7,165	11,727	16,635	0	3,646	12,988	21,536
84	1956	9	7,710	29,483	14,676	4,709	10,097	13,626	0	2,439	11,187	19,213
85	1956	10	6,100	12,011	6,479	2,235	3,297	5,433	0	1,121	4,312	8,320
86	1956	11	4,490	7,275	4,205	48	3,023	2,952	0	0	2,952	5,048
87	1956	12	4,333	6,756	5,353	286	1,116	2,270	1,668	0	602	4,986
88	1957	1	3,595	6,648	5,084	1,011	552	2,107	1,538	0	569	5,911
89	1957	2	3,159	5,973	4,467	1,021	485	2,117	1,389	0	729	5,320
90	1957	3	3,121	6,494	5,277	795	421	2,025	1,538	0	488	5,395
91	1957	4	1,150	10,170	6,066	2,797	1,307	6,014	2,875	2,361	778	4,935
92	1957	5	2,530	29,543	8,235	4,659	16,649	23,138	1,556	3,311	18,271	15,214
93	1957	6	7,700	55,149	7,259	18,904	28,986	46,060	0	16,898	29,162	20,769
94	1957	7	7,290	41,064	11,959	7,627	21,479	26,559	0	3,877	22,683	24,286
95	1957	8	7,700	34,117	12,959	7,883	13,275	18,679	0	3,979	14,700	20,952
96	1957	9	7,710	28,530	9,559	5,225	13,747	18,235	0	2,678	15,557	17,248
97	1957	10	6,100	13,213	6,748	2,235	4,229	7,521	768	1,121	5,631	7,820
98	1957	11	4,490	7,422	5,325	48	2,050	4,174	1,620	0	2,554	4,548
99	1957	12	4,375	6,736	4,051	181	2,503	2,288	666	0	1,622	4,581
100	1958	1	3,757	6,576	5,207	848	520	1,980	1,538	0	442	5,348
101	1958	2	2,700	5,964	3,372	1,335	1,257	1,958	694	0	1,264	5,235
102	1958	3	1,910	6,508	4,017	2,005	485	2,053	1,572	0	481	5,405
103	1958	4	1,150	10,300	4,766	2,797	2,737	7,580	2,875	2,361	2,343	3,635
104	1958	5	2,530	49,571	4,479	28,411	16,680	44,867	0	27,002	17,865	10,655
105	1958	6	7,700	50,189	11,840	9,726	28,624	39,910	2,380	7,715	29,815	24,481
106	1958	7	7,290	38,473	14,459	7,502	16,512	21,964	0	3,819	18,145	24,303
107	1958	8	7,700	34,332	14,159	7,753	12,420	18,340	0	3,919	14,421	21,974
108	1958	9	7,710	27,376	9,959	5,131	12,287	17,217	0	2,634	14,582	16,892
109	1958	10	6,100	12,807	8,081	2,235	2,491	5,696	768	1,121	3,807	9,153
110	1958	11	4,490	6,862	5,400	101	1,361	2,870	1,595	0	1,275	4,801
111	1958	12	3,690	6,755	4,957	805	993	2,180	1,809	0	371	5,305
112	1959	1	3,897	6,550	5,376	708	465	1,989	1,538	0	451	5,508
113	1959	2	3,167	5,902	4,642	868	392	1,774	1,389	0	385	5,067
114	1959	3	3,544	6,485	5,679	372	433	2,028	1,538	0	490	5,472
115	1959	4	1,150	18,618	9,075	2,796	6,746	12,980	2,875	2,361	7,743	9,718
116	1959	5	2,530	39,259	12,537	4,729	21,994	27,743	1,524	3,311	22,908	20,428
117	1959	6	7,700	43,598	12,626	4,141	26,832	30,180	0	2,048	28,131	26,385
118	1959	7	7,290	37,337	19,025	7,752	10,560	15,608	0	3,935	11,674	26,354
119	1959	8	7,700	34,373	17,125	8,014	9,234	14,541	0	4,040	10,500	23,283
120	1959	9	7,710	28,408	12,225	5,318	10,865	14,766	0	2,721	12,045	18,416

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			39	40	41	42	43	44	45	46	47	48
Table Number:			P-7f	P-7g	P-7h	P-7i	P-8a	P-8b	P-8c	P-8d	P-8e	P-8f
Month Number	Year	Month	Diversions into Olmsted Aqueduct CUP	Diversions into Olmsted Aqueduct Ap 40524	Diversions into Olmsted Aqueduct PRP	Diversions into Olmsted Aqueduct Non-Project	Provo River from Murdock to Interstate15 Total	Provo River from Murdock to Interstate15 CUP	Provo River from Murdock to Interstate15 PRP	Provo River from Murdock to Interstate15 Non-Project	Diversions into Provo Reservoir Canal Total	ULS Water in Provo Reservoir Canal CUP
61	1954	10	7,757	0	1,114	727	6,665	1,069	160	5,436	3,394	2,127
62	1954	11	4,800	895	195	0	2,537	1,440	0	1,097	0	0
63	1954	12	4,700	1,178	644	0	2,084	1,537	0	547	0	0
64	1955	1	5,000	941	511	0	2,092	1,538	0	554	0	0
65	1955	2	4,300	754	575	0	1,817	1,389	0	428	0	0
66	1955	3	5,300	946	206	0	2,099	1,538	0	561	0	0
67	1955	4	6,500	963	435	0	6,476	4,732	80	1,664	2,172	1,815
68	1955	5	9,282	0	1,326	9,575	16,285	6,610	160	9,516	7,789	2,685
69	1955	6	11,367	0	2,007	12,140	11,450	2,122	320	9,009	11,277	4,440
70	1955	7	17,863	0	3,066	6,740	9,068	1,980	640	6,448	12,015	5,040
71	1955	8	16,163	0	4,027	3,312	10,807	1,088	610	9,109	9,652	4,783
72	1955	9	14,763	0	1,688	3,295	9,077	456	480	8,141	6,443	3,600
73	1955	10	7,507	0	0	727	4,556	0	0	4,557	2,433	2,127
74	1955	11	4,700	795	202	0	3,186	0	0	3,186	0	0
75	1955	12	4,000	1,315	705	0	4,297	2,758	0	1,539	0	0
76	1956	1	3,800	907	1,606	0	2,032	1,538	0	494	0	0
77	1956	2	4,300	1,043	1,012	0	1,912	1,438	0	474	0	0
78	1956	3	3,700	1,149	1,989	0	2,125	1,538	0	587	0	0
79	1956	4	4,600	0	435	2,484	9,442	3,585	80	5,777	3,217	1,815
80	1956	5	6,338	0	1,325	11,453	17,229	8,006	160	9,063	8,580	2,685
81	1956	6	10,381	0	2,174	12,823	14,388	4,897	320	9,171	11,565	4,440
82	1956	7	16,576	0	3,392	5,868	11,755	4,034	640	7,081	10,427	5,040
83	1956	8	15,076	0	3,518	2,942	11,183	1,384	610	9,188	9,057	4,783
84	1956	9	14,677	0	2,270	2,267	9,373	613	480	8,280	6,513	3,600
85	1956	10	6,480	0	1,114	727	3,828	301	160	3,368	3,394	2,127
86	1956	11	5,000	795	48	0	3,060	0	0	3,060	0	0
87	1956	12	4,700	1,015	286	0	2,360	1,668	0	692	0	0
88	1957	1	4,900	1,353	1,011	0	2,180	1,538	0	642	0	0
89	1957	2	4,300	1,222	1,021	0	2,179	1,389	0	791	0	0
90	1957	3	4,600	860	795	0	2,077	1,538	0	539	0	0
91	1957	4	4,500	1,309	435	0	5,045	4,086	80	879	2,172	1,815
92	1957	5	6,680	0	1,347	7,187	14,296	7,392	160	6,744	6,785	2,685
93	1957	6	7,259	0	2,007	11,503	30,093	4,761	15,169	10,163	11,009	4,440
94	1957	7	11,959	0	3,750	8,577	14,029	4,541	640	8,848	11,886	5,040
95	1957	8	12,959	0	3,904	4,090	13,634	3,650	610	9,374	9,873	4,783
96	1957	9	9,559	0	2,547	5,142	11,245	2,068	480	8,698	7,962	3,600
97	1957	10	5,980	0	1,114	727	6,063	1,069	160	4,833	3,394	2,127
98	1957	11	4,500	795	48	0	4,346	1,620	0	2,726	0	0
99	1957	12	4,400	1,015	181	0	2,375	666	0	1,709	0	0
100	1958	1	4,500	830	848	0	2,043	1,538	0	505	0	0
101	1958	2	3,900	1,222	1,335	0	2,020	694	0	1,326	0	0
102	1958	3	3,400	955	2,005	0	2,105	1,572	0	533	0	0
103	1958	4	3,200	1,309	435	0	5,715	3,184	80	2,451	2,172	1,815
104	1958	5	4,480	0	1,410	4,766	39,928	5,737	23,851	10,340	5,766	2,685
105	1958	6	9,459	0	2,011	13,011	22,267	7,302	5,986	8,979	11,643	4,440
106	1958	7	14,459	0	3,683	6,161	12,809	3,946	640	8,222	10,812	5,040
107	1958	8	14,159	0	3,834	3,981	13,479	3,631	610	9,238	9,767	4,783
108	1958	9	9,959	0	2,496	4,437	11,717	2,512	480	8,725	7,621	3,600
109	1958	10	7,313	0	1,114	727	4,123	1,069	160	2,894	3,394	2,127
110	1958	11	4,700	895	101	0	2,967	1,595	0	1,372	0	0
111	1958	12	4,500	1,353	805	0	2,272	1,809	0	463	0	0
112	1959	1	4,800	961	708	0	2,049	1,538	0	511	0	0
113	1959	2	4,200	946	868	0	1,825	1,389	0	436	0	0
114	1959	3	5,100	958	372	0	2,078	1,538	0	540	0	0
115	1959	4	6,200	0	435	3,083	7,879	4,318	80	3,481	3,470	1,815
116	1959	5	11,013	0	1,417	7,998	17,528	7,601	160	9,767	7,126	2,685
117	1959	6	12,626	0	2,093	11,666	13,507	4,025	320	9,162	11,078	4,440
118	1959	7	19,025	0	3,817	3,512	9,113	2,495	640	5,978	9,812	5,040
119	1959	8	17,125	0	3,974	2,184	9,436	1,074	610	7,752	9,132	4,783
120	1959	9	12,225	0	2,597	3,593	8,443	701	480	7,262	7,353	3,600

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			49	50	51	52	53	54	55	56	57	58	59
Table Number:			P-8g	P-8h	P-9a	P-9b	P-9c	P-9d	P-9e				
Month Number	Year	Month	Diversions into Provo Reservoir Canal PRP	Diversions into Provo Reservoir Canal Non-Project	Provo River from Interstate 15 to Utah Lake Total	Provo River from Interstate 15 to Utah Lake CUP	Provo River from Interstate 15 to Utah Lake PRP	Provo River from Interstate 15 to Utah Lake Non-Project	PRP Diversion to Provo Bench Canal PRP	June Sucker Releases CUP	June Sucker Releases PRP	June Sucker Releases Non-Project	75-cfs Target Releases Non-Project
61	1954	10	961	306	1,558	1,069	0	97	160	0	0	0	-392
62	1954	11	0	0	2,477	1,440	0	1,037	0	0	0	0	0
63	1954	12	0	0	1,701	1,537	0	163	0	0	0	0	0
64	1955	1	0	0	1,650	1,538	0	112	0	0	0	0	0
65	1955	2	0	0	1,461	1,389	0	72	0	0	0	0	0
66	1955	3	0	0	1,594	1,538	0	56	0	0	0	0	0
67	1955	4	357	0	4,879	4,732	0	81	80	-2,875	-1,924	0	-66
68	1955	5	1,075	4,029	7,308	6,610	0	0	160	0	-2,076	-1,291	-699
69	1955	6	1,728	5,108	2,862	2,122	0	0	320	0	0	-1,581	-741
70	1955	7	4,139	2,836	2,537	1,980	0	0	640	0	0	-935	-558
71	1955	8	3,475	1,394	1,793	1,088	0	95	610	0	0	0	-611
72	1955	9	1,457	1,386	1,081	456	0	77	480	0	0	0	-549
73	1955	10	0	306	1,777	0	0	1,607	0	0	0	0	-171
74	1955	11	0	0	3,320	0	0	3,320	0	0	0	0	0
75	1955	12	0	0	4,147	2,758	0	1,389	0	0	0	0	0
76	1956	1	0	0	1,689	1,538	0	152	0	0	0	0	0
77	1956	2	0	0	1,535	1,438	0	97	0	0	0	0	0
78	1956	3	0	0	1,634	1,538	0	97	0	0	0	0	0
79	1956	4	357	1,045	4,879	3,585	0	891	80	-2,875	-1,924	0	-404
80	1956	5	1,075	4,819	8,703	8,006	0	0	160	0	-2,076	-1,496	-697
81	1956	6	1,728	5,396	5,643	4,897	0	0	320	0	0	-1,656	-746
82	1956	7	2,918	2,469	4,611	4,034	0	0	640	0	0	-885	-578
83	1956	8	3,036	1,238	2,083	1,384	0	98	610	0	0	0	-600
84	1956	9	1,959	954	1,256	613	0	101	480	0	0	0	-5[illegible]
85	1956	10	961	306	1,291	301	0	930	160	0	0	0	[illegible]
86	1956	11	0	0	3,234	0	0	3,234	0	0	0	0	
87	1956	12	0	0	2,098	1,668	0	430	0	0	0	0	0
88	1957	1	0	0	1,836	1,538	0	298	0	0	0	0	0
89	1957	2	0	0	1,854	1,389	0	465	0	0	0	0	0
90	1957	3	0	0	1,612	1,538	0	74	0	0	0	0	0
91	1957	4	357	0	4,879	4,086	0	793	80	-2,875	-1,924	0	0
92	1957	5	1,075	3,024	7,707	7,392	0	0	160	0	-2,076	-888	-316
93	1957	6	1,728	4,841	20,368	4,761	14,849	0	320	0	0	-1,520	-758
94	1957	7	3,237	3,609	5,250	4,541	0	0	640	0	0	-1,189	-710
95	1957	8	3,369	1,721	4,381	3,650	0	85	610	0	0	0	-646
96	1957	9	2,198	2,164	2,666	2,068	0	34	480	0	0	0	-565
97	1957	10	961	306	1,649	1,069	0	169	160	0	0	0	-411
98	1957	11	0	0	4,974	1,620	0	3,354	0	0	0	0	0
99	1957	12	0	0	2,119	666	0	1,453	0	0	0	0	0
100	1958	1	0	0	1,690	1,538	0	153	0	0	0	0	0
101	1958	2	0	0	1,702	694	0	1,008	0	0	0	0	0
102	1958	3	0	0	1,659	1,572	0	87	0	0	0	0	0
103	1958	4	357	0	4,879	3,184	0	1,695	80	-2,875	-1,924	0	0
104	1958	5	1,075	2,006	30,149	5,737	23,691	0	160	0	-2,076	-789	-721
105	1958	6	1,728	5,475	13,734	7,302	5,666	8	320	0	0	-1,680	-758
106	1958	7	3,179	2,593	4,611	3,946	0	0	640	0	0	-915	-665
107	1958	8	3,309	1,675	4,318	3,631	0	77	610	0	0	0	-610
108	1958	9	2,154	1,867	3,127	2,512	0	51	480	0	0	0	-563
109	1958	10	961	306	1,261	1,069	0	29	160	0	0	0	-163
110	1958	11	0	0	2,954	1,595	0	1,359	0	0	0	0	0
111	1958	12	0	0	1,983	1,809	0	174	0	0	0	0	0
112	1959	1	0	0	1,658	1,538	0	120	0	0	0	0	0
113	1959	2	0	0	1,463	1,389	0	74	0	0	0	0	0
114	1959	3	0	0	1,606	1,538	0	68	0	0	0	0	0
115	1959	4	357	1,297	4,879	4,318	0	476	80	-2,875	-1,924	0	-85
116	1959	5	1,075	3,365	8,313	7,601	0	0	160	0	-2,076	-1,129	-71[illegible]
117	1959	6	1,728	4,909	4,768	4,025	0	0	320	0	0	-1,531	-7[illegible]
118	1959	7	3,295	1,478	2,984	2,495	0	0	640	0	0	-565	-4[illegible]
119	1959	8	3,430	919	1,712	1,074	0	102	610	0	0	0	-536
120	1959	9	2,241	1,512	1,264	701	0	57	480	0	0	0	-507

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:				1	2	3	4	5	6	7	8
Table Number:			P-0	P-1a	P-1b	P-1c	P-1d	P-2a	P-2b	P-2c	P-2d
Month Number	Year	Month	Foreign Water into Jordanelle PRP	Provo River Release from Jordanelle Total	Provo River Release from Jordanelle CUP	Provo River Release from Jordanelle PRP	Provo River Release from Jordanelle Non-Project	Provo River from Timpanogos to River Ditch Total	Provo River from Timpanogos to River Ditch CUP	Provo River from Timpanogos to River Ditch PRP	Provo River from Timpanogos to River Ditch Non-Project
121	1959	10	1,443	10,160	6,257	1,235	2,669	9,931	6,086	1,235	2,611
122	1959	11	5,396	9,060	3,621	3,951	1,488	9,060	3,621	3,951	1,488
123	1959	12	1,845	8,462	6,815	544	1,103	8,462	6,815	544	1,103
124	1960	1	513	8,311	7,616	44	651	8,311	7,616	44	651
125	1960	2	525	7,728	6,472	448	807	7,728	6,472	448	807
126	1960	3	620	7,980	6,015	1,044	921	7,980	6,015	1,044	921
127	1960	4	5,522	8,641	3,528	3,910	1,203	8,585	3,528	3,910	1,147
128	1960	5	20,244	25,611	7,103	4,074	14,434	24,984	7,063	4,074	13,847
129	1960	6	13,099	38,530	7,955	16,422	14,153	37,085	7,407	16,422	13,255
130	1960	7	1,237	36,968	19,121	9,041	8,807	34,449	18,004	9,041	7,404
131	1960	8	0	31,960	25,923	2,246	3,791	29,938	24,668	2,246	3,024
132	1960	9	0	21,829	19,206	1,067	1,556	20,956	18,746	1,067	1,143
133	1960	10	446	9,284	4,789	2,590	1,904	9,055	4,619	2,590	1,846
134	1960	11	3,471	8,926	7,126	1,064	735	8,926	7,126	1,064	735
135	1960	12	2,470	8,418	7,137	516	765	8,418	7,137	516	765
136	1961	1	363	8,431	7,608	48	774	8,431	7,608	48	774
137	1961	2	299	7,575	6,845	61	669	7,575	6,845	61	669
138	1961	3	418	8,170	7,606	49	514	8,170	7,606	49	514
139	1961	4	812	9,192	7,438	0	1,754	9,136	7,438	0	1,698
140	1961	5	8,795	18,467	10,414	0	8,053	17,855	10,388	0	7,467
141	1961	6	5,282	25,134	7,497	10,043	7,594	23,469	6,773	10,043	6,653
142	1961	7	0	28,561	21,109	732	6,721	26,576	19,849	732	5,995
143	1961	8	0	25,989	22,439	141	3,409	24,340	21,371	141	2,828
144	1961	9	2,379	15,765	10,322	2,175	3,268	14,994	9,980	2,175	2,839
145	1961	10	2,521	9,498	6,504	1,086	1,908	9,269	6,333	1,086	1,850
146	1961	11	4,960	8,682	5,801	1,800	1,081	8,682	5,801	1,800	1,081
147	1961	12	2,026	8,776	6,425	803	1,548	8,776	6,425	803	1,548
148	1962	1	1,305	8,691	7,613	46	1,032	8,691	7,613	46	1,032
149	1962	2	1,126	7,023	6,351	369	303	7,023	6,351	369	303
150	1962	3	4,280	8,103	7,353	208	542	8,103	7,353	208	542
151	1962	4	21,571	8,832	3,412	2,664	2,756	8,757	3,412	2,664	2,681
152	1962	5	44,850	21,498	4,852	5,505	11,141	19,816	4,852	5,505	9,459
153	1962	6	52,407	42,086	6,728	21,204	14,155	40,201	6,386	21,204	12,611
154	1962	7	5,013	67,784	11,593	34,333	21,858	64,260	9,662	34,333	20,265
155	1962	8	44	55,111	16,671	23,245	15,195	52,323	15,140	23,245	13,939
156	1962	9	0	30,211	14,491	9,220	6,500	28,828	13,829	9,220	5,778
157	1962	10	0	10,069	5,572	1,479	3,017	9,840	5,401	1,479	2,959
158	1962	11	3,271	8,238	3,886	2,424	1,928	8,238	3,886	2,424	1,928
159	1962	12	1,394	8,793	5,689	1,248	1,856	8,793	5,689	1,248	1,856
160	1963	1	190	8,655	7,131	465	1,059	8,655	7,131	465	1,059
161	1963	2	331	7,538	6,145	797	596	7,538	6,145	797	596
162	1963	3	340	8,259	6,882	502	875	8,259	6,882	502	875
163	1963	4	5,874	8,729	7,438	0	1,291	8,581	7,438	0	1,143
164	1963	5	25,372	27,610	5,933	10,154	11,523	25,852	5,602	10,154	10,096
165	1963	6	23,851	48,381	8,422	24,237	15,722	45,829	7,503	24,237	14,089
166	1963	7	2,497	55,036	15,636	23,588	15,812	51,995	14,212	23,588	14,195
167	1963	8	377	33,332	19,087	7,318	6,927	31,060	17,837	7,318	5,905
168	1963	9	1,077	16,605	12,164	1,564	2,877	15,394	11,622	1,564	2,208
169	1963	10	722	10,079	5,368	1,336	3,375	9,850	5,197	1,336	3,317
170	1963	11	4,019	8,229	3,621	2,952	1,657	8,229	3,621	2,952	1,657
171	1963	12	1,622	8,629	6,107	986	1,536	8,629	6,107	986	1,536
172	1964	1	478	8,653	6,875	506	1,271	8,653	6,875	506	1,271
173	1964	2	369	7,844	6,195	621	1,027	7,844	6,195	621	1,027
174	1964	3	420	8,355	6,648	649	1,059	8,355	6,648	649	1,059
175	1964	4	555	8,005	7,305	0	699	7,949	7,305	0	643
176	1964	5	51,864	17,279	3,470	4,638	9,171	15,998	3,470	4,638	7,889
177	1964	6	66,950	40,701	5,694	18,043	16,965	38,617	5,352	18,043	15,223
178	1964	7	5,628	70,249	11,865	35,473	22,911	66,416	10,009	35,473	20,935
179	1964	8	986	56,287	17,625	23,157	15,506	52,986	16,024	23,157	13,805
180	1964	9	123	29,890	15,391	8,525	5,974	28,305	14,724	8,525	5,056

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			9	10	11	12	13	14	15	16	17	18
Table Number:			P-2e	P-2f	P-2g	P-3a	P-3b			P-3c	P-3d	P-4a
Month Number	Year	Month	Diversions into Timpanogos Canal Total	Diversions into Timpanogos Canal CUP	Diversions into Timpanogos Canal Non-Project	Provo from River Ditch to Snake Creek Total	Provo from River Ditch to Snake Creek CUP	Diversions in Reach CUP	Diversions in Reach VCWEP Mitigatio	Provo from River Ditch to Snake Creek PRP	Provo from River Ditch to Snake Creek Non-Project	Provo River from Snake Creek to Deer Creek Reservoir Total
121	1959	10	229	171	58	7,686	5,088	1,049	1,330	1,235	1,363	14,141
122	1959	11	0	0	0	8,403	3,621	0	0	3,951	831	15,363
123	1959	12	0	0	0	7,686	6,815	0	618	544	327	12,349
124	1960	1	0	0	0	7,686	7,616	0	498	44	26	13,196
125	1960	2	0	0	0	7,190	6,472	0	428	448	269	11,924
126	1960	3	0	0	0	7,686	6,015	0	234	1,044	627	13,647
127	1960	4	56	0	56	7,438	3,528	0	71	3,910	0	9,751
128	1960	5	627	39	587	16,687	7,057	0	147	4,074	5,557	19,646
129	1960	6	1,445	547	898	25,972	7,305	11	142	16,422	2,246	32,288
130	1960	7	2,519	1,117	1,403	28,023	16,880	1,013	147	9,041	2,103	36,155
131	1960	8	2,022	1,256	766	24,203	21,387	3,324	147	2,246	570	27,920
132	1960	9	873	460	413	17,035	15,558	3,370	143	1,067	410	22,956
133	1960	10	229	171	58	7,782	3,942	702	73	2,590	1,250	13,083
134	1960	11	0	0	0	8,191	7,126	0	0	1,064	0	14,276
135	1960	12	0	0	0	7,686	7,137	0	183	516	33	13,192
136	1961	1	0	0	0	7,686	7,608	0	593	48	29	12,438
137	1961	2	0	0	0	6,942	6,845	0	504	61	36	11,434
138	1961	3	0	0	0	7,686	7,606	0	385	49	30	12,575
139	1961	4	56	0	56	7,438	7,438	0	668	0	0	9,876
140	1961	5	612	27	586	12,071	10,383	0	147	0	1,688	15,915
141	1961	6	1,664	723	941	16,835	6,542	118	142	10,043	250	22,543
142	1961	7	1,985	1,260	726	19,403	18,101	1,662	147	732	570	24,230
143	1961	8	1,648	1,068	581	18,124	17,413	4,093	147	141	570	24,047
144	1961	9	771	342	429	10,348	7,762	2,340	143	2,175	410	16,052
145	1961	10	229	171	58	7,686	6,059	266	796	1,086	542	14,352
146	1961	11	0	0	0	8,757	5,801	0	0	1,800	1,156	14,503
147	1961	12	0	0	0	7,686	6,425	0	849	803	458	12,198
148	1962	1	0	0	0	7,686	7,613	0	800	46	27	12,212
149	1962	2	0	0	0	6,942	6,351	0	64	369	222	14,170
150	1962	3	0	0	0	7,686	7,353	0	332	208	125	12,447
151	1962	4	75	0	75	7,438	3,412	0	819	2,664	1,362	13,549
152	1962	5	1,682	0	1,682	10,533	4,852	0	1,165	5,505	176	16,819
153	1962	6	1,886	342	1,544	28,651	6,328	0	811	21,204	1,119	33,960
154	1962	7	3,524	1,932	1,593	53,443	9,218	125	258	34,333	9,892	59,878
155	1962	8	2,788	1,531	1,256	44,262	11,586	3,569	258	23,245	9,432	50,399
156	1962	9	1,383	661	722	24,433	9,978	4,052	254	9,220	5,234	30,799
157	1962	10	229	171	58	8,119	4,587	851	1,491	1,479	2,053	12,838
158	1962	11	0	0	0	7,438	3,886	0	637	2,424	1,128	13,164
159	1962	12	0	0	0	7,700	5,689	0	881	1,248	763	12,374
160	1963	1	0	0	0	7,686	7,131	0	772	465	90	11,913
161	1963	2	0	0	0	6,942	6,145	0	475	797	0	10,894
162	1963	3	0	0	0	7,686	6,882	0	456	502	302	11,407
163	1963	4	148	0	148	7,438	7,438	0	746	0	0	11,393
164	1963	5	1,757	331	1,427	16,761	5,546	0	788	10,154	1,062	21,029
165	1963	6	2,552	919	1,633	33,821	7,240	116	740	24,237	2,345	38,931
166	1963	7	3,041	1,424	1,617	41,945	13,398	620	258	23,588	4,959	48,304
167	1963	8	2,272	1,250	1,022	24,145	14,082	3,839	258	7,318	2,745	29,307
168	1963	9	1,211	542	669	10,270	8,292	3,509	254	1,564	414	17,418
169	1963	10	229	171	58	7,686	4,763	439	1,844	1,336	1,586	13,034
170	1963	11	0	0	0	7,472	3,621	0	603	2,952	900	15,480
171	1963	12	0	0	0	7,686	6,107	0	751	986	593	13,624
172	1964	1	0	0	0	7,686	6,875	0	770	506	304	12,036
173	1964	2	0	0	0	7,190	6,195	0	521	621	373	10,643
174	1964	3	0	0	0	7,686	6,648	0	533	649	390	10,772
175	1964	4	56	0	56	7,438	7,305	0	451	0	132	13,125
176	1964	5	1,282	0	1,282	8,268	3,470	0	659	4,638	160	10,985
177	1964	6	2,084	342	1,742	26,378	5,294	0	897	18,043	3,042	29,093
178	1964	7	3,833	1,857	1,976	54,029	9,304	422	258	35,473	9,252	61,020
179	1964	8	3,302	1,601	1,701	43,748	11,068	5,075	258	23,157	9,524	50,406
180	1964	9	1,585	666	918	23,500	9,624	5,404	254	8,525	5,351	30,341

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			19	20	21	22	23	24	25	26	27	28
Table Number:			P-4b	P-4c	P-4d		P-5a	P-5b	P-5c	P-5d	P-5e	P-5f
Month Number	Year	Month	Provo River from Snake Creek to Deer Creek Reservoir CUP	Provo River from Snake Creek to Deer Creek Reservoir PRP	Provo River from Snake Creek to Deer Creek Reservoir Non-Project	CUP Return Flow Gains above Deer Creek CUP	Provo River from Outlet of Deer Creek to North Fork Total	Provo River from Outlet of Deer Creek to North Fork CUP	Provo River from Outlet of Deer Creek to North Fork PRP	Provo River from Outlet of Deer Creek to North Fork Non-Project	Diversions into Salt Lake Aqueduct Total	Diversions into Salt Lake Aqueduct CUP
121	1959	10	5,088	1,235	7,818	0	12,954	7,781	2,235	2,938	6,100	0
122	1959	11	3,621	3,951	7,791	0	5,950	3,805	203	1,942	4,410	0
123	1959	12	6,815	544	4,990	0	6,149	5,626	451	71	4,061	0
124	1960	1	7,616	44	5,536	0	6,149	5,399	671	78	3,934	0
125	1960	2	6,472	448	5,003	0	5,752	4,737	972	42	2,924	0
126	1960	3	6,015	1,044	6,588	0	6,149	4,419	1,619	110	2,296	0
127	1960	4	3,528	3,910	2,313	2,760	15,275	5,275	2,796	7,204	1,150	0
128	1960	5	7,057	4,074	8,515	8,355	35,510	9,450	4,648	21,412	2,530	0
129	1960	6	7,305	16,422	8,561	3,818	39,125	12,226	4,100	22,800	7,700	0
130	1960	7	16,880	9,041	10,235	0	47,260	19,325	8,126	19,809	7,290	0
131	1960	8	21,387	2,246	4,287	0	37,128	23,925	8,406	4,796	7,700	0
132	1960	9	15,558	1,067	6,330	275	31,599	19,625	5,600	6,374	7,710	0
133	1960	10	3,942	2,590	6,551	0	11,417	6,181	0	5,235	1,469	0
134	1960	11	7,126	1,064	6,085	0	6,130	5,979	45	106	3,010	0
135	1960	12	7,137	516	5,540	0	6,149	5,290	814	44	1,601	0
136	1961	1	7,608	48	4,782	0	6,200	6,153	5	42	321	0
137	1961	2	6,845	61	4,528	0	5,554	5,255	266	33	1	0
138	1961	3	7,606	49	4,919	0	7,523	7,424	5	93	349	0
139	1961	4	7,438	0	2,438	1,781	17,230	12,375	2,025	2,829	698	0
140	1961	5	10,383	0	5,531	5,531	30,995	13,825	4,652	12,518	2,530	0
141	1961	6	6,542	10,043	5,958	0	19,426	9,726	4,138	5,562	7,700	0
142	1961	7	18,101	732	5,397	0	22,856	19,725	0	3,131	910	0
143	1961	8	17,413	141	6,492	0	22,956	18,725	0	4,231	3	0
144	1961	9	7,762	2,175	6,115	852	15,920	9,925	0	5,995	2,381	0
145	1961	10	6,059	1,086	7,207	0	12,315	10,018	0	2,298	3,544	0
146	1961	11	5,801	1,800	6,902	0	6,665	6,409	107	149	3,975	0
147	1961	12	6,425	803	4,970	0	6,518	6,451	6	61	1,956	0
148	1962	1	7,613	46	4,554	0	6,297	6,229	6	63	1,244	0
149	1962	2	6,351	369	7,449	0	5,554	4,800	642	112	432	0
150	1962	3	7,353	208	4,887	0	6,201	6,081	6	114	3,910	0
151	1962	4	3,412	2,664	7,473	399	6,200	4,436	872	892	1,150	0
152	1962	5	4,852	5,505	6,462	5,657	34,097	8,066	6,537	19,494	2,530	0
153	1962	6	6,328	21,204	6,429	3,817	36,235	9,252	4,161	22,822	7,700	0
154	1962	7	9,218	34,333	16,326	2,977	34,505	11,747	8,001	14,757	7,290	0
155	1962	8	11,586	23,245	15,568	641	32,085	13,747	8,275	10,062	7,700	0
156	1962	9	9,978	9,220	11,600	221	27,508	13,047	5,506	8,955	7,710	0
157	1962	10	4,587	1,479	6,772	0	12,841	6,211	2,235	4,395	6,100	0
158	1962	11	3,886	2,424	6,855	0	7,334	4,105	48	3,182	4,490	0
159	1962	12	5,689	1,248	5,437	0	6,149	5,649	424	75	4,164	0
160	1963	1	7,131	465	4,317	0	6,149	5,284	787	77	3,818	0
161	1963	2	6,145	797	3,952	0	5,554	4,467	949	138	3,087	0
162	1963	3	6,882	502	4,022	0	6,149	5,602	442	104	3,474	0
163	1963	4	7,438	0	3,955	84	14,228	10,275	2,796	1,157	1,150	0
164	1963	5	5,546	10,154	5,330	5,170	36,662	8,515	4,689	23,458	2,530	0
165	1963	6	7,240	24,237	7,454	3,855	38,978	11,415	4,058	23,506	7,700	0
166	1963	7	13,398	23,588	11,318	984	38,338	15,710	7,658	14,969	7,290	0
167	1963	8	14,082	7,318	7,907	0	32,689	16,010	7,916	8,762	7,700	0
168	1963	9	8,292	1,564	7,563	1,293	26,950	11,510	5,248	10,192	7,710	0
169	1963	10	4,763	1,336	6,934	0	16,916	7,026	2,235	7,656	6,100	0
170	1963	11	3,621	2,952	8,907	0	9,651	3,805	99	5,747	4,490	0
171	1963	12	6,107	986	6,531	0	6,200	5,845	6	349	4,490	0
172	1964	1	6,875	506	4,654	0	6,149	4,994	1,118	36	3,487	0
173	1964	2	6,195	621	3,826	0	5,752	4,623	1,119	9	2,777	0
174	1964	3	6,648	649	3,475	0	6,149	5,336	786	26	3,129	0
175	1964	4	7,305	0	5,820	0	12,211	9,224	2,796	190	1,150	0
176	1964	5	3,470	4,638	2,877	2,478	23,471	6,290	4,613	12,567	2,530	0
177	1964	6	5,294	18,043	5,757	3,904	33,596	9,180	4,170	20,247	7,700	0
178	1964	7	9,304	35,473	16,243	3,027	36,969	11,976	7,783	17,210	7,290	0
179	1964	8	11,068	23,157	16,182	350	34,118	13,976	8,047	12,096	7,700	0
180	1964	9	9,624	8,525	12,192	342	29,727	13,876	5,342	10,509	7,710	0

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			29	30	31	32	33	34	35	36	37	38
Table Number:			P-5g	P-6a	P-6b	P-6c	P-6d	P-7a	P-7b	P-7c	P-7d	P-7e
Month Number	Year	Month	Diversions into Salt Lake Aqueduct PRP	Provo River from North Fork to Olmsted Total	Provo River from North Fork to Olmsted CUP	Provo River from North Fork to Olmsted PRP	Provo River from North Fork to Olmsted Non-Project	Provo River from Olmsted to Murdock Total	Provo River from Olmsted to Murdock CUP	Provo River from Olmsted to Murdock PRP	Provo River from Olmsted to Murdock Non-Project	Diversions into Olmsted Aqueduct Total
121	1959	10	6,100	13,451	7,781	2,235	3,435	6,449	768	1,121	4,559	8,679
122	1959	11	4,410	6,391	3,805	203	2,383	2,486	0	0	2,485	4,903
123	1959	12	4,061	6,582	5,626	451	504	1,664	1,538	0	127	5,551
124	1960	1	3,934	6,596	5,399	671	525	1,965	1,538	0	427	5,471
125	1960	2	2,924	6,102	4,737	972	392	1,837	1,438	0	399	5,172
126	1960	3	2,296	6,490	4,419	1,619	451	2,042	1,538	0	504	5,419
127	1960	4	1,150	16,448	5,275	2,796	8,377	14,731	2,875	2,361	9,495	4,086
128	1960	5	2,530	38,587	9,450	4,648	24,489	29,892	1,238	3,311	25,343	19,506
129	1960	6	7,700	41,965	12,226	4,100	25,640	28,487	0	2,048	26,439	25,234
130	1960	7	7,290	48,729	19,325	8,126	21,278	26,275	0	4,108	22,166	24,657
131	1960	8	7,700	37,812	23,925	8,406	5,481	12,403	0	5,934	6,469	27,668
132	1960	9	7,710	32,202	19,625	5,600	6,977	10,785	0	2,852	7,934	24,308
133	1960	10	1,469	11,808	6,181	0	5,627	7,216	768	0	6,447	6,249
134	1960	11	3,010	6,603	5,979	45	579	2,409	1,488	0	921	5,045
135	1960	12	1,601	6,524	5,290	814	419	2,454	1,500	0	954	5,714
136	1961	1	321	6,576	6,153	5	418	2,083	1,454	0	629	5,305
137	1961	2	1	5,860	5,255	266	339	2,163	1,584	0	579	4,765
138	1961	3	349	7,870	7,424	5	440	2,214	1,482	0	732	6,605
139	1961	4	698	17,662	12,375	2,025	3,262	8,950	2,875	2,004	4,071	10,202
140	1961	5	2,530	32,612	13,825	4,652	14,135	19,672	1,113	3,231	15,328	20,005
141	1961	6	7,700	20,167	9,726	4,138	6,303	9,461	0	2,048	7,412	13,526
142	1961	7	910	23,684	19,725	0	3,959	4,520	0	0	4,520	20,487
143	1961	8	3	23,907	18,725	0	5,182	6,438	0	0	6,438	19,946
144	1961	9	2,381	17,435	9,925	0	7,510	9,158	0	0	9,158	12,866
145	1961	10	3,544	12,762	10,018	0	2,744	4,313	768	0	3,544	9,286
146	1961	11	3,975	7,128	6,409	107	612	2,464	1,243	0	1,221	5,407
147	1961	12	1,956	6,900	6,451	6	443	2,358	1,404	0	954	5,506
148	1962	1	1,244	6,719	6,229	6	485	2,169	1,447	0	722	5,306
149	1962	2	432	5,935	4,800	642	493	2,016	1,389	0	627	4,941
150	1962	3	3,910	6,588	6,081	6	501	2,052	1,482	0	570	5,406
151	1962	4	1,150	8,517	4,436	872	3,209	8,438	4,431	437	3,570	2,979
152	1962	5	2,530	37,518	8,066	6,537	22,915	31,380	1,892	5,235	24,253	17,152
153	1962	6	7,700	40,166	9,252	4,161	26,753	29,011	0	2,048	26,963	22,841
154	1962	7	7,290	37,674	11,747	8,001	17,926	23,382	0	4,050	19,332	22,675
155	1962	8	7,700	33,678	13,747	8,275	11,656	17,182	0	4,161	13,021	21,235
156	1962	9	7,710	28,728	13,047	5,506	10,175	14,362	0	2,808	11,554	19,641
157	1962	10	6,100	13,632	6,211	2,235	5,186	7,599	0	1,121	6,478	8,052
158	1962	11	4,490	7,911	4,105	48	3,759	2,546	0	0	2,546	5,048
159	1962	12	4,164	6,780	5,649	424	706	2,324	1,537	0	787	5,524
160	1963	1	3,818	6,726	5,284	787	654	2,245	1,538	0	707	5,887
161	1963	2	3,087	6,074	4,467	949	658	2,493	1,389	0	1,105	5,249
162	1963	3	3,474	6,526	5,602	442	481	2,192	1,538	0	655	5,742
163	1963	4	1,150	14,767	10,275	2,796	1,696	8,178	2,875	2,361	2,942	9,858
164	1963	5	2,530	39,200	8,515	4,689	25,996	32,379	1,560	3,311	27,508	19,715
165	1963	6	7,700	42,356	11,415	4,058	26,884	30,700	0	2,048	28,651	26,150
166	1963	7	7,290	40,223	15,710	7,658	16,854	22,100	0	3,891	18,209	26,949
167	1963	8	7,700	33,631	16,010	7,916	9,705	15,171	0	3,995	11,177	22,308
168	1963	9	7,710	27,985	11,510	5,248	11,226	15,600	0	2,689	12,911	17,987
169	1963	10	6,100	17,980	7,026	2,235	8,720	11,662	0	1,121	10,541	8,829
170	1963	11	4,490	10,307	3,805	99	6,403	6,245	0	0	6,244	4,799
171	1963	12	4,490	6,655	5,845	6	804	1,940	1,359	0	581	5,006
172	1964	1	3,487	6,540	4,994	1,118	427	2,031	1,538	0	493	5,218
173	1964	2	2,777	6,192	4,623	1,119	449	1,986	1,438	0	548	5,319
174	1964	3	3,129	6,460	5,336	786	337	2,137	1,538	0	600	5,286
175	1964	4	1,150	12,585	9,224	2,796	564	6,599	2,875	2,361	1,362	7,135
176	1964	5	2,530	26,018	6,290	4,613	15,114	21,488	1,603	3,311	16,574	11,449
177	1964	6	7,700	37,809	9,180	4,170	24,460	28,217	0	2,048	26,168	22,484
178	1964	7	7,290	39,859	11,976	7,783	20,100	25,613	0	3,949	21,664	24,287
179	1964	8	7,700	35,292	13,976	8,047	13,270	18,842	0	4,055	14,787	22,107
180	1964	9	7,710	30,820	13,876	5,342	11,602	16,095	0	2,732	13,363	20,396

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			39	40	41	42	43	44	45	46	47	48
Table Number:			P-7f	P-7g	P-7h	P-7i	P-8a	P-8b	P-8c	P-8d	P-8e	P-8f
Month Number	Year	Month	Diversions into Olmsted Aqueduct CUP	Diversions into Olmsted Aqueduct Ap 40524	Diversions into Olmsted Aqueduct PRP	Diversions into Olmsted Aqueduct Non-Project	Provo River from Murdock to Interstate15 Total	Provo River from Murdock to Interstate15 CUP	Provo River from Murdock to Interstate15 PRP	Provo River from Murdock to Interstate15 Non-Project	Diversions into Provo Reservoir Canal Total	ULS Water in Provo Reservoir Canal CUP
121	1959	10	7,013	0	1,114	553	5,160	1,069	160	3,931	3,321	2,127
122	1959	11	4,700	895	203	0	2,553	0	0	2,553	0	0
123	1959	12	5,100	1,011	451	0	1,728	1,538	0	191	0	0
124	1960	1	4,800	938	671	0	2,032	1,538	0	494	0	0
125	1960	2	4,200	901	972	0	1,887	1,438	0	449	0	0
126	1960	3	3,800	918	1,619	0	2,093	1,538	0	555	0	0
127	1960	4	2,400	0	435	1,251	11,818	3,654	80	8,084	2,699	1,815
128	1960	5	8,213	0	1,337	9,956	16,342	6,916	160	9,266	7,950	2,685
129	1960	6	12,226	0	2,051	10,957	11,011	2,001	320	8,689	10,779	4,440
130	1960	7	19,325	0	4,018	1,314	25,956	1,086	640	24,231	9,061	5,040
131	1960	8	23,925	0	2,472	1,271	6,647	1,131	610	4,907	10,642	4,783
132	1960	9	19,625	0	2,748	1,935	6,667	742	480	5,445	6,786	3,600
133	1960	10	5,413	0	0	836	6,229	768	0	5,460	2,479	2,127
134	1960	11	5,000	509	45	0	2,479	1,488	0	991	0	0
135	1960	12	4,900	1,109	814	0	2,511	1,500	0	1,011	0	0
136	1961	1	5,300	601	5	0	2,138	1,454	0	684	0	0
137	1961	2	4,500	828	266	0	2,209	1,584	0	625	0	0
138	1961	3	6,600	657	5	0	2,264	1,482	0	782	0	0
139	1961	4	9,500	0	21	681	7,902	4,656	0	3,246	2,102	1,815
140	1961	5	12,712	0	1,421	5,871	10,910	4,975	160	5,776	6,231	2,685
141	1961	6	9,725	0	2,089	1,711	5,778	757	320	4,701	6,888	4,440
142	1961	7	19,725	0	0	762	3,485	170	0	3,315	5,361	5,040
143	1961	8	18,725	0	0	1,221	4,988	0	0	4,988	5,297	4,783
144	1961	9	9,925	0	0	2,941	5,362	0	0	5,363	4,838	3,600
145	1961	10	9,249	0	0	37	4,438	768	0	3,670	2,142	2,127
146	1961	11	5,300	135	107	0	2,533	1,243	0	1,290	0	0
147	1961	12	5,500	453	6	0	2,415	1,404	0	1,011	0	0
148	1962	1	5,300	518	6	0	2,232	1,447	0	785	0	0
149	1962	2	4,300	888	642	0	2,073	1,389	0	684	0	0
150	1962	3	5,400	801	6	0	2,109	1,482	0	627	0	0
151	1962	4	1,100	1,095	435	1,445	6,716	4,711	80	1,924	2,780	1,815
152	1962	5	6,174	0	1,302	9,677	17,003	8,132	160	8,711	7,832	2,685
153	1962	6	9,252	0	2,112	11,477	13,652	4,758	320	8,574	10,998	4,440
154	1962	7	11,747	0	3,951	6,976	13,195	4,422	640	8,134	11,386	5,040
155	1962	8	13,747	0	4,114	3,373	13,039	3,707	610	8,722	9,754	4,783
156	1962	9	13,047	0	2,698	3,896	10,128	3,249	480	6,400	7,568	3,600
157	1962	10	6,211	0	1,114	727	6,188	301	160	5,727	3,394	2,127
158	1962	11	5,000	895	48	0	2,633	0	0	2,633	0	0
159	1962	12	5,100	988	424	0	2,418	1,537	0	881	0	0
160	1963	1	5,100	1,353	787	0	2,329	1,538	0	791	0	0
161	1963	2	4,300	1,222	949	0	2,571	1,389	0	1,183	0	0
162	1963	3	5,300	1,235	442	0	2,249	1,538	0	711	0	0
163	1963	4	7,400	0	435	2,024	4,996	4,767	80	149	3,024	1,815
164	1963	5	6,955	0	1,377	11,382	17,195	7,997	160	9,038	8,550	2,685
165	1963	6	11,415	0	2,009	12,727	12,439	4,022	320	8,097	11,524	4,440
166	1963	7	15,710	0	3,767	7,472	10,776	4,061	640	6,075	11,435	5,040
167	1963	8	16,010	0	3,922	2,376	12,440	3,655	610	8,175	9,168	4,783
168	1963	9	11,511	0	2,559	3,917	10,925	2,728	480	7,717	7,457	3,600
169	1963	10	7,026	0	1,114	690	10,604	539	160	9,905	3,378	2,127
170	1963	11	4,700	895	99	0	6,341	0	0	6,341	0	0
171	1963	12	5,000	514	6	0	4,991	4,344	0	647	0	0
172	1964	1	4,100	643	1,118	0	4,991	4,441	0	550	0	0
173	1964	2	4,200	1,015	1,119	0	2,328	1,716	0	612	0	0
174	1964	3	4,500	701	786	0	2,184	1,538	0	646	0	0
175	1964	4	6,700	351	435	0	6,281	4,772	80	1,429	2,172	1,815
176	1964	5	4,688	0	1,302	5,459	15,368	7,358	160	7,850	6,058	2,685
177	1964	6	9,180	0	2,121	11,182	13,315	4,716	320	8,278	10,874	4,440
178	1964	7	11,976	0	3,834	8,477	12,522	3,902	640	7,980	11,916	5,040
179	1964	8	13,976	0	3,992	4,139	13,631	3,674	610	9,347	9,970	4,783
180	1964	9	13,876	0	2,610	3,911	12,501	3,820	480	8,201	7,498	3,600

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			49	50	51	52	53	54	55	56	57	58	59
Table Number:			P-8g	P-8h	P-9a	P-9b	P-9c	P-9d	P-9e				
Month Number	Year	Month	Diversions into Provo Reservoir Canal PRP	Diversions into Provo Reservoir Canal Non-Project	Provo River from Interstate 15 to Utah Lake Total	Provo River from Interstate 15 to Utah Lake CUP	Provo River from Interstate 15 to Utah Lake PRP	Provo River from Interstate 15 to Utah Lake Non-Project	PRP Diversion to Provo Bench Canal PRP	June Sucker Releases CUP	June Sucker Releases PRP	June Sucker Releases Non-Project	75-cfs Target Releases Non-Project
121	1959	10	961	233	1,374	1,069	0	100	160	0	0	0	-205
122	1959	11	0	0	2,611	0	0	2,611	0	0	0	0	0
123	1959	12	0	0	1,743	1,538	0	206	0	0	0	0	0
124	1960	1	0	0	1,672	1,538	0	134	0	0	0	0	0
125	1960	2	0	0	1,524	1,438	0	86	0	0	0	0	0
126	1960	3	0	0	1,623	1,538	0	85	0	0	0	0	0
127	1960	4	357	527	4,879	3,654	0	744	80	-2,875	-1,924	0	-481
128	1960	5	1,075	4,190	7,657	6,916	0	0	160	0	-2,076	-1,349	-742
129	1960	6	1,728	4,611	2,756	2,001	0	0	320	0	0	-1,460	-755
130	1960	7	3,468	553	26,635	1,086	0	25,539	640	0	0	0	-11
131	1960	8	5,324	535	1,533	1,131	0	66	610	0	0	0	-336
132	1960	9	2,372	814	1,227	742	0	72	480	0	0	0	-413
133	1960	10	0	352	1,174	768	0	76	0	0	0	0	-330
134	1960	11	0	0	1,758	1,488	0	270	0	0	0	0	0
135	1960	12	0	0	1,690	1,500	0	190	0	0	0	0	0
136	1961	1	0	0	1,567	1,454	0	114	0	0	0	0	0
137	1961	2	0	0	1,648	1,584	0	64	0	0	0	0	0
138	1961	3	0	0	1,550	1,482	0	69	0	0	0	0	0
139	1961	4	0	287	4,879	4,656	0	37	0	-2,875	-2,004	0	-186
140	1961	5	1,075	2,471	5,517	4,975	0	0	160	0	-1,996	-837	-543
141	1961	6	1,728	720	4,714	757	0	3,873	320	0	0	-215	-85
142	1961	7	0	321	398	170	0	0	0	0	0	-170	-228
143	1961	8	0	514	433	0	0	74	0	0	0	0	-359
144	1961	9	0	1,238	476	0	0	50	0	0	0	0	-4[illegible]
145	1961	10	0	15	1,096	768	0	74	0	0	0	0	-[illegible]
146	1961	11	0	0	1,550	1,243	0	307	0	0	0	0	
147	1961	12	0	0	1,550	1,404	0	146	0	0	0	0	0
148	1962	1	0	0	1,550	1,447	0	104	0	0	0	0	0
149	1962	2	0	0	1,469	1,389	0	80	0	0	0	0	0
150	1962	3	0	0	1,550	1,482	0	68	0	0	0	0	0
151	1962	4	357	608	4,879	4,711	0	9	80	-2,506	0	0	-158
152	1962	5	1,075	4,072	8,803	8,132	0	0	160	-369	-4,000	-1,292	-672
153	1962	6	1,728	4,829	5,516	4,758	0	1	320	0	0	-1,517	-758
154	1962	7	3,410	2,936	5,123	4,422	0	0	640	0	0	-1,016	-701
155	1962	8	3,551	1,419	4,427	3,707	0	97	610	0	0	0	-623
156	1962	9	2,328	1,639	3,800	3,249	0	48	480	0	0	0	-504
157	1962	10	961	306	1,561	301	0	838	160	0	0	0	-422
158	1962	11	0	0	2,358	0	0	2,358	0	0	0	0	0
159	1962	12	0	0	1,757	1,537	0	220	0	0	0	0	0
160	1963	1	0	0	1,935	1,538	0	398	0	0	0	0	0
161	1963	2	0	0	2,122	1,389	0	733	0	0	0	0	0
162	1963	3	0	0	1,638	1,538	0	100	0	0	0	0	0
163	1963	4	357	852	4,879	4,767	0	107	80	-2,875	-1,924	0	-6
164	1963	5	1,075	4,790	8,711	7,997	0	0	160	0	-2,076	-1,489	-713
165	1963	6	1,728	5,355	4,768	4,022	0	0	320	0	0	-1,645	-746
166	1963	7	3,251	3,144	4,611	4,061	0	0	640	0	0	-1,010	-551
167	1963	8	3,385	1,000	4,318	3,655	0	104	610	0	0	0	-560
168	1963	9	2,209	1,648	3,330	2,728	0	59	480	0	0	0	-543
169	1963	10	961	290	4,611	539	0	3,583	160	0	0	0	-489
170	1963	11	0	0	6,441	0	0	6,441	0	0	0	0	0
171	1963	12	0	0	4,611	4,344	0	267	0	0	0	0	0
172	1964	1	0	0	4,611	4,441	0	170	0	0	0	0	0
173	1964	2	0	0	1,834	1,716	0	119	0	0	0	0	0
174	1964	3	0	0	1,627	1,538	0	89	0	0	0	0	0
175	1964	4	357	0	4,879	4,772	0	88	80	-2,875	-1,924	0	-20
176	1964	5	1,075	2,297	7,937	7,358	0	0	160	0	-2,076	-807	-5[illegible]
177	1964	6	1,728	4,706	5,447	4,716	0	0	320	0	0	-1,475	-[illegible]
178	1964	7	3,309	3,567	4,611	3,902	0	0	640	0	0	-1,179	-7[illegible]
179	1964	8	3,445	1,742	4,394	3,674	0	82	610	0	0	0	-639
180	1964	9	2,252	1,646	4,463	3,820	0	68	480	0	0	0	-574

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:				1	2	3	4	5	6	7	8
Table Number:			P-0	P-1a	P-1b	P-1c	P-1d	P-2a	P-2b	P-2c	P-2d
Month Number	Year	Month	Foreign Water into Jordanelle PRP	Provo River Release from Jordanelle Total	Provo River Release from Jordanelle CUP	Provo River Release from Jordanelle PRP	Provo River Release from Jordanelle Non-Project	Provo River from Timpanogos to River Ditch Total	Provo River from Timpanogos to River Ditch CUP	Provo River from Timpanogos to River Ditch PRP	Provo River from Timpanogos to River Ditch Non-Project
181	1964	10	333	9,335	6,193	1,264	1,878	9,106	6,022	1,264	1,820
182	1964	11	3,596	8,514	3,665	3,774	1,076	8,514	3,665	3,774	1,076
183	1964	12	1,594	7,999	4,077	2,732	1,189	7,999	4,077	2,732	1,189
184	1965	1	601	8,333	4,577	2,329	1,427	8,333	4,577	2,329	1,427
185	1965	2	3,459	7,195	4,167	1,947	1,081	7,195	4,167	1,947	1,081
186	1965	3	3,266	8,550	4,750	2,062	1,738	8,550	4,750	2,062	1,738
187	1965	4	8,961	8,102	3,632	2,329	2,141	8,046	3,632	2,329	2,085
188	1965	5	37,501	24,120	4,010	7,447	12,663	22,132	4,010	7,447	10,675
189	1965	6	82,141	67,972	5,854	36,395	25,723	65,529	5,512	36,395	23,622
190	1965	7	17,624	47,275	9,471	21,213	16,591	43,716	7,614	21,213	14,888
191	1965	8	322	24,109	11,840	3,427	8,842	21,018	10,239	3,427	7,353
192	1965	9	4,565	24,697	7,240	10,366	7,091	23,136	6,574	10,366	6,196
193	1965	10	4,208	9,479	4,706	1,706	3,067	9,250	4,535	1,706	3,009
194	1965	11	4,954	8,421	4,343	3,589	490	8,421	4,343	3,589	490
195	1965	12	3,550	9,223	2,810	5,179	1,235	9,223	2,810	5,179	1,235
196	1966	1	3,954	8,858	5,070	2,806	982	8,858	5,070	2,806	982
197	1966	2	3,136	7,539	4,391	2,574	574	7,539	4,391	2,574	574
198	1966	3	4,541	9,223	3,394	5,602	228	9,223	3,394	5,602	228
199	1966	4	14,918	13,355	2,887	5,669	4,799	13,299	2,887	5,669	4,743
200	1966	5	41,366	45,712	4,525	18,253	22,934	43,934	4,492	18,253	21,189
201	1966	6	7,202	26,827	8,310	5,631	12,885	24,558	7,504	5,631	11,423
202	1966	7	687	33,246	18,588	4,773	9,885	30,203	16,990	4,773	8,440
203	1966	8	0	28,127	20,821	3,786	3,520	25,486	19,396	3,786	2,304
204	1966	9	435	17,806	12,549	2,669	2,587	16,490	11,945	2,669	1,876
205	1966	10	751	9,905	5,848	1,360	2,696	9,676	5,677	1,360	2,638
206	1966	11	4,651	7,905	3,976	3,462	467	7,905	3,976	3,462	467
207	1966	12	1,075	8,101	4,871	1,788	1,442	8,101	4,871	1,788	1,442
208	1967	1	556	8,191	6,426	931	835	8,191	6,426	931	835
209	1967	2	446	7,331	5,881	749	702	7,331	5,881	749	702
210	1967	3	479	7,842	5,796	1,380	666	7,842	5,796	1,380	666
211	1967	4	6,090	8,444	6,704	622	1,118	8,388	6,704	622	1,062
212	1967	5	37,968	21,846	5,734	5,029	11,083	20,214	5,734	5,029	9,451
213	1967	6	49,834	46,030	5,604	27,518	12,908	44,154	5,263	27,518	11,374
214	1967	7	10,803	37,496	11,847	2,905	22,744	33,874	9,939	2,905	21,030
215	1967	8	1,874	33,245	15,594	1,344	16,307	30,120	13,990	1,344	14,787
216	1967	9	734	25,755	9,694	3,256	12,805	24,246	9,082	3,256	11,907
217	1967	10	694	10,216	5,717	1,344	3,154	9,987	5,546	1,344	3,096
218	1967	11	4,544	8,926	4,605	3,515	806	8,926	4,605	3,515	806
219	1967	12	4,178	9,223	3,626	3,860	1,737	9,223	3,626	3,860	1,737
220	1968	1	3,704	8,596	6,257	1,456	882	8,596	6,257	1,456	882
221	1968	2	3,398	7,618	5,558	1,694	366	7,618	5,558	1,694	366
222	1968	3	4,086	9,223	4,099	3,501	1,623	9,223	4,099	3,501	1,623
223	1968	4	1,373	8,271	4,667	2,836	768	8,215	4,667	2,836	712
224	1968	5	32,172	21,419	5,116	5,530	10,773	19,918	5,116	5,530	9,272
225	1968	6	39,708	84,362	4,021	58,785	21,555	82,444	3,679	58,785	19,980
226	1968	7	3,902	32,606	12,804	3,660	16,143	28,912	10,947	3,660	14,305
227	1968	8	2,257	25,127	16,329	785	8,013	21,896	14,728	785	6,383
228	1968	9	28	20,039	10,504	4,231	5,304	18,472	9,838	4,231	4,403
229	1968	10	543	10,131	5,397	1,284	3,450	9,902	5,226	1,284	3,392
230	1968	11	4,406	8,926	3,923	4,214	789	8,926	3,923	4,214	789
231	1968	12	4,060	9,223	3,999	4,142	1,082	9,223	3,999	4,142	1,082
232	1969	1	3,656	8,723	5,709	2,804	209	8,723	5,709	2,804	209
233	1969	2	3,165	8,331	4,666	3,001	664	8,331	4,666	3,001	664
234	1969	3	966	8,419	4,877	2,846	695	8,419	4,877	2,846	695
235	1969	4	14,719	8,070	1,613	4,405	2,052	8,014	1,613	4,405	1,996
236	1969	5	17,894	78,915	2,280	64,213	12,421	77,076	2,280	64,213	10,583
237	1969	6	42,352	65,770	5,344	22,797	37,629	63,867	5,002	22,797	36,067
238	1969	7	3,435	27,418	11,875	0	15,543	23,916	9,943	0	13,973
239	1969	8	897	22,115	14,361	0	7,755	18,982	12,701	0	6,281
240	1969	9	195	15,687	9,869	1,536	4,282	14,310	9,336	1,536	3,438

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			9	10	11	12	13	14	15	16	17	18
Table Number:			P-2e	P-2f	P-2g	P-3a	P-3b			P-3c	P-3d	P-4a
Month Number	Year	Month	Diversions into Timpanogos Canal Total	Diversions into Timpanogos Canal CUP	Diversions into Timpanogos Canal Non-Project	Provo from River Ditch to Snake Creek Total	Provo from River Ditch to Snake Creek CUP	Diversions in Reach CUP	Diversions in Reach VCWEP Mitigatio	Provo from River Ditch to Snake Creek PRP	Provo from River Ditch to Snake Creek Non-Project	Provo River from Snake Creek to Deer Creek Reservoir Total
181	1964	10	229	171	58	7,686	5,000	1,076	644	1,264	1,422	13,244
182	1964	11	0	0	0	7,438	3,665	0	857	3,774	0	13,776
183	1964	12	0	0	0	7,686	4,077	0	249	2,732	876	15,566
184	1965	1	0	0	0	7,686	4,577	0	515	2,329	780	12,461
185	1965	2	0	0	0	6,942	4,167	0	201	1,947	828	12,489
186	1965	3	0	0	0	7,686	4,750	0	688	2,062	874	10,573
187	1965	4	56	0	56	7,438	3,632	0	529	2,329	1,477	12,003
188	1965	5	1,988	0	1,988	11,816	4,010	0	1,552	7,447	359	19,544
189	1965	6	2,443	342	2,101	51,843	5,454	0	1,514	36,395	9,994	61,689
190	1965	7	3,559	1,857	1,703	31,455	7,298	0	347	21,213	2,943	39,725
191	1965	8	3,090	1,601	1,489	11,750	7,946	2,190	258	3,427	377	21,271
192	1965	9	1,561	666	895	16,792	4,732	1,873	254	10,366	1,694	27,077
193	1965	10	229	171	58	7,686	3,324	1,281	1,422	1,706	2,656	15,235
194	1965	11	0	0	0	7,931	4,343	0	0	3,589	0	16,160
195	1965	12	0	0	0	8,595	2,810	0	53	5,179	607	14,887
196	1966	1	0	0	0	7,876	5,070	0	355	2,806	0	13,375
197	1966	2	0	0	0	6,965	4,391	0	288	2,574	0	10,951
198	1966	3	0	0	0	8,995	3,394	0	0	5,602	0	15,867
199	1966	4	56	0	56	12,418	2,887	0	71	5,669	3,862	15,417
200	1966	5	1,778	33	1,745	33,089	4,487	0	1,240	18,253	10,349	36,016
201	1966	6	2,269	807	1,462	15,528	7,360	7	574	5,631	2,537	23,360
202	1966	7	3,043	1,598	1,445	20,163	14,810	2,068	258	4,773	581	26,014
203	1966	8	2,640	1,425	1,216	18,018	13,259	6,388	258	3,786	972	24,138
204	1966	9	1,316	604	712	11,671	7,694	4,496	254	2,669	1,308	19,545
205	1966	10	229	171	58	7,686	5,000	702	1,118	1,360	1,326	14,446
206	1966	11	0	0	0	7,438	3,976	0	0	3,462	0	14,670
207	1966	12	0	0	0	7,686	4,871	0	330	1,788	1,027	14,327
208	1967	1	0	0	0	7,686	6,426	0	402	931	330	13,215
209	1967	2	0	0	0	6,942	5,881	0	310	749	313	11,682
210	1967	3	0	0	0	7,686	5,796	0	124	1,380	510	14,247
211	1967	4	56	0	56	7,438	6,704	0	233	622	112	11,072
212	1967	5	1,632	0	1,632	11,428	5,734	0	1,102	5,029	665	20,630
213	1967	6	1,876	342	1,534	32,722	5,204	0	798	27,518	0	42,182
214	1967	7	3,622	1,908	1,714	21,446	9,615	0	258	2,905	8,927	27,976
215	1967	8	3,124	1,604	1,520	21,016	11,026	2,916	258	1,344	8,645	30,198
216	1967	9	1,509	611	897	18,147	6,263	2,943	254	3,256	8,628	27,457
217	1967	10	229	171	58	7,686	4,471	1,134	1,609	1,344	1,871	13,918
218	1967	11	0	0	0	8,120	4,605	0	0	3,515	0	15,461
219	1967	12	0	0	0	8,570	3,626	0	0	3,860	1,084	14,390
220	1968	1	0	0	0	7,714	6,257	0	413	1,456	0	12,651
221	1968	2	0	0	0	7,252	5,558	0	57	1,694	0	13,043
222	1968	3	0	0	0	8,715	4,099	0	0	3,501	1,115	13,919
223	1968	4	56	0	56	7,503	4,667	0	71	2,836	0	11,976
224	1968	5	1,501	0	1,501	10,646	5,116	0	936	5,530	0	16,263
225	1968	6	1,917	342	1,575	70,457	3,621	0	814	58,785	8,050	78,261
226	1968	7	3,694	1,857	1,838	17,541	10,585	50	258	3,660	3,296	25,897
227	1968	8	3,231	1,601	1,630	12,315	10,232	4,577	258	785	1,297	21,958
228	1968	9	1,567	666	901	11,582	6,175	3,847	254	4,231	1,176	21,034
229	1968	10	229	171	58	7,686	4,295	978	1,938	1,284	2,108	15,240
230	1968	11	0	0	0	8,137	3,923	0	0	4,214	0	17,029
231	1968	12	0	0	0	8,141	3,999	0	0	4,142	0	13,598
232	1969	1	0	0	0	8,514	5,709	0	0	2,804	0	16,708
233	1969	2	0	0	0	7,667	4,666	0	0	3,001	0	13,439
234	1969	3	0	0	0	7,724	4,877	0	553	2,846	0	12,432
235	1969	4	56	0	56	7,438	1,613	0	503	4,405	1,420	15,575
236	1969	5	1,838	0	1,838	66,494	2,280	0	1,362	64,213	0	70,913
237	1969	6	1,903	342	1,561	52,757	4,944	0	1,331	22,797	25,016	61,661
238	1969	7	3,502	1,932	1,570	12,460	9,615	0	258	0	2,845	20,816
239	1969	8	3,133	1,660	1,474	9,776	8,215	4,556	800	0	1,561	20,135
240	1969	9	1,376	533	844	8,290	5,911	3,613	1,959	1,536	843	18,043

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			19	20	21	22	23	24	25	26	27	28
Table Number:			P-4b	P-4c	P-4d		P-5a	P-5b	P-5c	P-5d	P-5e	P-5f
Month Number	Year	Month	Provo River from Snake Creek to Deer Creek Reservoir CUP	Provo River from Snake Creek to Deer Creek Reservoir PRP	Provo River from Snake Creek to Deer Creek Reservoir Non-Project	CUP Return Flow Gains above Deer Creek CUP	Provo River from Outlet of Deer Creek to North Fork Total	Provo River from Outlet of Deer Creek to North Fork CUP	Provo River from Outlet of Deer Creek to North Fork PRP	Provo River from Outlet of Deer Creek to North Fork Non-Project	Diversions into Salt Lake Aqueduct Total	Diversions into Salt Lake Aqueduct CUP
181	1964	10	5,000	1,264	6,980	0	14,489	6,848	2,235	5,406	6,100	0
182	1964	11	3,665	3,774	6,338	0	7,042	3,954	48	3,040	4,490	0
183	1964	12	4,077	2,732	8,756	0	7,676	4,222	25	3,429	4,490	0
184	1965	1	4,577	2,329	5,555	0	6,149	3,189	1,650	1,309	3,011	0
185	1965	2	4,167	1,947	6,375	0	5,554	2,324	2,301	928	1,898	0
186	1965	3	4,750	2,062	3,761	0	6,149	3,284	1,488	1,376	2,427	0
187	1965	4	3,632	2,329	6,041	0	9,266	5,692	2,796	777	1,150	0
188	1965	5	4,010	7,447	8,087	5,286	32,635	8,069	4,657	19,909	2,530	0
189	1965	6	5,454	36,395	19,840	3,399	70,601	9,159	39,301	22,141	7,700	0
190	1965	7	7,298	21,213	11,213	3,698	35,620	10,659	8,202	16,759	7,290	0
191	1965	8	7,946	3,427	9,899	1,807	25,951	10,659	5,238	10,054	7,700	0
192	1965	9	4,732	10,366	11,978	1,054	21,689	7,959	3,326	10,404	7,710	0
193	1965	10	3,324	1,706	10,205	0	9,329	4,572	2,235	2,522	6,100	0
194	1965	11	4,343	3,589	8,228	0	5,950	4,795	94	1,061	4,443	0
195	1965	12	2,810	5,179	6,898	0	12,050	2,485	0	9,565	4,490	0
196	1966	1	5,070	2,806	5,499	0	10,889	2,847	65	7,977	4,600	0
197	1966	2	4,391	2,574	3,986	0	9,393	4,493	126	4,774	4,030	0
198	1966	3	3,394	5,602	6,872	0	16,165	3,744	6	12,414	3,910	0
199	1966	4	2,887	5,669	6,861	0	18,391	4,975	2,796	10,619	1,150	0
200	1966	5	4,487	18,253	13,276	6,650	55,947	8,502	17,051	30,394	2,530	0
201	1966	6	7,360	5,631	10,369	2,221	34,409	11,935	4,054	18,421	7,700	0
202	1966	7	14,810	4,773	6,432	488	34,775	18,231	6,909	9,635	7,290	0
203	1966	8	13,259	3,786	7,092	0	31,985	16,031	7,132	8,822	7,700	0
204	1966	9	7,694	2,669	9,183	420	26,357	11,131	4,686	10,540	7,710	0
205	1966	10	5,000	1,360	8,086	0	12,409	6,848	2,235	3,326	6,100	0
206	1966	11	3,976	3,462	7,232	0	6,915	4,308	154	2,454	4,490	0
207	1966	12	4,871	1,788	7,668	0	7,118	5,122	6	1,990	4,490	0
208	1967	1	6,426	931	5,859	0	6,149	4,684	1,338	126	3,268	0
209	1967	2	5,881	749	5,052	0	5,554	4,267	1,201	86	2,834	0
210	1967	3	5,796	1,380	7,071	0	6,149	4,371	1,778	0	2,137	0
211	1967	4	6,704	622	3,746	0	14,802	8,975	2,796	3,031	1,150	0
212	1967	5	5,734	5,029	9,867	5,527	33,562	9,778	4,648	19,136	2,530	0
213	1967	6	5,204	27,518	9,460	2,520	51,578	8,059	23,280	20,240	7,700	0
214	1967	7	9,615	2,905	15,456	3,814	34,549	11,659	7,159	15,732	7,290	0
215	1967	8	11,026	1,344	17,828	1,430	32,499	12,759	7,393	12,347	7,700	0
216	1967	9	6,263	3,256	17,938	1,156	27,142	9,059	4,873	13,210	7,710	0
217	1967	10	4,471	1,344	8,102	0	12,998	6,248	2,235	4,515	6,100	0
218	1967	11	4,605	3,515	7,341	0	6,808	5,020	48	1,740	4,490	0
219	1967	12	3,626	3,860	6,903	0	7,109	3,711	162	3,236	4,490	0
220	1968	1	6,257	1,456	4,938	0	6,149	4,393	1,233	522	3,373	0
221	1968	2	5,558	1,694	5,791	0	5,752	3,901	1,851	0	2,040	0
222	1968	3	4,099	3,501	6,318	0	6,149	2,447	918	2,783	3,003	0
223	1968	4	4,667	2,836	4,473	0	7,976	5,664	872	1,440	1,150	0
224	1968	5	5,116	5,530	5,618	5,441	36,946	11,055	6,552	19,339	2,530	0
225	1968	6	3,621	58,785	15,855	2,922	77,337	6,264	17,513	53,560	7,700	0
226	1968	7	10,585	3,660	11,651	2,249	35,576	12,359	6,658	16,559	7,290	0
227	1968	8	10,232	785	10,941	1,204	30,604	11,659	6,871	12,074	7,700	0
228	1968	9	6,175	4,231	10,629	1,446	26,235	8,759	4,498	12,978	7,710	0
229	1968	10	4,295	1,284	9,662	0	10,401	6,048	2,235	2,118	6,100	0
230	1968	11	3,923	4,214	8,892	0	6,712	4,247	48	2,418	4,490	0
231	1968	12	3,999	4,142	5,456	0	7,119	4,134	0	2,986	4,490	0
232	1969	1	5,709	2,804	8,194	0	6,149	4,272	1,876	0	2,724	0
233	1969	2	4,666	3,001	5,773	0	5,554	2,889	1,713	951	2,552	0
234	1969	3	4,877	2,846	4,709	0	7,206	3,429	66	3,712	3,910	0
235	1969	4	1,613	4,405	9,557	0	21,536	529	851	20,156	1,150	0
236	1969	5	2,280	64,213	4,419	6,521	84,928	3,365	8,573	72,991	2,530	0
237	1969	6	4,944	22,797	33,920	3,144	73,798	7,764	6,407	59,627	7,700	0
238	1969	7	9,615	0	11,201	2,115	38,435	14,734	10,596	13,105	7,290	0
239	1969	8	8,215	0	11,920	1,053	30,570	12,459	6,806	11,306	7,700	0
240	1969	9	5,911	1,536	10,596	857	25,139	8,759	4,451	11,929	7,710	0

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			29	30	31	32	33	34	35	36	37	38
Table Number:			P-5g	P-6a	P-6b	P-6c	P-6d	P-7a	P-7b	P-7c	P-7d	P-7e
Month Number	Year	Month	Diversions into Salt Lake Aqueduct PRP	Provo River from North Fork to Olmsted Total	Provo River from North Fork to Olmsted CUP	Provo River from North Fork to Olmsted PRP	Provo River from North Fork to Olmsted Non-Project	Provo River from Olmsted to Murdock Total	Provo River from Olmsted to Murdock CUP	Provo River from Olmsted to Murdock PRP	Provo River from Olmsted to Murdock Non-Project	Diversions into Olmsted Aqueduct Total
181	1964	10	6,100	14,759	6,848	2,235	5,676	9,034	768	1,121	7,145	7,455
182	1964	11	4,490	8,449	3,954	48	4,447	4,616	349	0	4,267	4,448
183	1964	12	4,490	8,118	4,222	25	3,871	3,107	1,537	0	1,570	3,725
184	1965	1	3,011	6,722	3,189	1,650	1,882	3,068	1,942	0	1,125	4,250
185	1965	2	1,898	5,966	2,324	2,301	1,340	2,319	1,746	0	573	4,101
186	1965	3	2,427	6,610	3,284	1,488	1,837	2,479	1,538	0	941	4,588
187	1965	4	1,150	9,802	5,692	2,796	1,313	7,413	4,002	2,361	1,050	4,101
188	1965	5	2,530	35,872	8,069	4,657	23,146	30,913	2,089	3,311	25,512	18,922
189	1965	6	7,700	74,617	9,159	39,301	26,157	63,678	0	37,262	26,416	21,896
190	1965	7	7,290	39,558	10,659	8,202	20,697	27,756	0	5,810	21,947	21,956
191	1965	8	7,700	28,906	10,659	5,238	13,009	18,220	0	2,754	15,466	18,646
192	1965	9	7,710	23,927	7,959	3,326	12,642	17,050	0	1,799	15,252	16,056
193	1965	10	6,100	10,548	4,572	2,235	3,741	8,019	768	1,121	6,130	5,645
194	1965	11	4,443	7,268	4,795	94	2,379	5,075	1,890	0	3,185	3,894
195	1965	12	4,490	12,732	2,485	0	10,247	9,611	0	0	9,611	3,800
196	1966	1	4,600	11,400	2,847	65	8,488	9,551	0	0	9,551	4,264
197	1966	2	4,030	9,759	4,493	126	5,140	7,491	1,915	0	5,576	3,926
198	1966	3	3,910	16,689	3,744	6	12,938	14,645	2,098	0	12,547	3,006
199	1966	4	1,150	19,414	4,975	2,796	11,642	18,840	2,875	2,361	13,603	7,134
200	1966	5	2,530	59,502	8,502	17,051	33,949	53,569	2,092	15,751	35,726	21,408
201	1966	6	7,700	36,926	11,935	4,054	20,938	25,195	0	2,048	23,146	22,720
202	1966	7	7,290	36,359	18,231	6,909	11,219	16,582	0	3,544	13,038	24,545
203	1966	8	7,700	32,590	16,031	7,132	9,427	14,915	0	3,631	11,283	22,062
204	1966	9	7,710	27,228	11,131	4,686	11,411	15,873	0	2,428	13,445	17,960
205	1966	10	6,100	13,359	6,848	2,235	4,276	8,416	768	1,121	6,526	7,920
206	1966	11	4,490	7,494	4,308	154	3,033	3,338	503	0	2,835	4,754
207	1966	12	4,490	7,492	5,122	6	2,364	1,991	1,537	0	454	4,606
208	1967	1	3,268	6,562	4,684	1,338	539	2,517	1,538	0	979	5,838
209	1967	2	2,834	5,916	4,267	1,201	448	2,169	1,389	0	781	5,301
210	1967	3	2,137	6,711	4,371	1,778	562	3,219	1,724	0	1,495	5,778
211	1967	4	1,150	15,613	8,975	2,796	3,842	10,795	2,875	2,361	5,558	8,461
212	1967	5	2,530	37,254	9,778	4,648	22,828	30,455	2,299	3,311	24,845	20,199
213	1967	6	7,700	56,130	8,059	23,280	24,792	46,640	0	21,245	25,395	20,597
214	1967	7	7,290	38,555	11,659	7,159	19,738	25,383	0	3,660	21,723	24,063
215	1967	8	7,700	34,388	12,759	7,393	14,236	19,943	0	3,752	16,190	21,903
216	1967	9	7,710	28,686	9,059	4,873	14,754	19,403	0	2,515	16,888	17,986
217	1967	10	6,100	13,354	6,248	2,235	4,871	8,399	768	1,121	6,509	7,320
218	1967	11	4,490	7,591	5,020	48	2,523	3,823	1,515	0	2,308	4,348
219	1967	12	4,490	7,545	3,711	162	3,672	2,565	126	0	2,439	4,762
220	1968	1	3,373	6,692	4,393	1,233	1,065	3,032	1,147	0	1,885	5,833
221	1968	2	2,040	6,273	3,901	1,851	521	3,208	1,566	0	1,642	5,451
222	1968	3	3,003	6,675	2,447	918	3,309	2,682	0	0	2,681	4,718
223	1968	4	1,150	8,982	5,664	872	2,446	5,144	1,873	437	2,834	5,818
224	1968	5	2,530	39,056	11,055	6,552	21,449	33,419	4,575	5,235	23,608	18,600
225	1968	6	7,700	81,785	6,264	17,513	58,008	73,475	0	15,508	57,968	20,968
226	1968	7	7,290	38,753	12,359	6,658	19,736	25,085	0	3,428	21,657	24,099
227	1968	8	7,700	32,688	11,659	6,871	14,158	19,972	0	3,510	16,462	20,522
228	1968	9	7,710	27,598	8,759	4,498	14,340	18,929	0	2,341	16,588	17,485
229	1968	10	6,100	11,333	6,048	2,235	3,050	7,222	768	1,121	5,332	7,120
230	1968	11	4,490	8,150	4,247	48	3,856	5,145	1,442	0	3,703	3,648
231	1968	12	4,490	7,786	4,134	0	3,653	4,219	1,148	0	3,071	4,000
232	1969	1	2,724	6,997	4,272	1,876	848	4,544	1,826	0	2,718	5,676
233	1969	2	2,552	6,117	2,889	1,713	1,514	2,992	612	0	2,381	5,213
234	1969	3	3,910	7,773	3,429	66	4,279	5,647	882	0	4,765	3,965
235	1969	4	1,150	25,771	529	851	24,391	27,078	338	437	26,303	2,299
236	1969	5	2,530	91,645	3,365	8,573	79,708	90,208	0	7,235	82,973	17,007
237	1969	6	7,700	79,019	7,764	6,407	64,848	70,698	0	4,260	66,438	20,813
238	1969	7	7,290	42,922	14,734	10,596	17,592	30,827	2,875	7,399	20,553	23,961
239	1969	8	7,700	32,739	12,459	6,806	13,475	20,042	0	3,480	16,562	21,287
240	1969	9	7,710	26,864	8,759	4,451	13,654	19,409	0	2,320	17,089	17,459

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			39	40	41	42	43	44	45	46	47	48
Table Number:			P-7f	P-7g	P-7h	P-7i	P-8a	P-8b	P-8c	P-8d	P-8e	P-8f
Month Number	Year	Month	Diversions into Olmsted Aqueduct CUP	Diversions into Olmsted Aqueduct Ap 40524	Diversions into Olmsted Aqueduct PRP	Diversions into Olmsted Aqueduct Non-Project	Provo River from Murdock to Interstate15 Total	Provo River from Murdock to Interstate15 CUP	Provo River from Murdock to Interstate15 PRP	Provo River from Murdock to Interstate15 Non-Project	Diversions into Provo Reservoir Canal Total	ULS Water in Provo Reservoir Canal CUP
181	1964	10	6,080	0	1,114	261	12,909	5,681	160	7,068	3,198	2,127
182	1964	11	4,400	795	48	0	6,106	1,646	0	4,461	0	0
183	1964	12	3,700	1,015	25	0	4,995	3,357	0	1,638	0	0
184	1965	1	2,600	1,353	1,650	0	5,229	4,018	0	1,210	0	0
185	1965	2	1,800	1,222	2,301	0	4,561	3,927	0	634	0	0
186	1965	3	3,100	1,353	1,488	0	5,022	4,011	0	1,011	0	0
187	1965	4	3,000	1,309	435	666	5,026	4,760	80	186	2,452	1,815
188	1965	5	5,980	0	1,346	11,597	15,493	8,509	160	6,824	8,640	2,685
189	1965	6	9,159	0	2,039	10,698	49,547	4,675	35,534	9,338	10,670	4,440
190	1965	7	10,659	0	2,392	8,905	15,395	3,915	3,745	7,735	10,852	5,040
191	1965	8	10,659	0	2,484	5,503	12,223	3,266	610	8,346	9,242	4,783
192	1965	9	7,959	0	1,528	6,569	10,834	3,892	480	6,463	7,683	3,600
193	1965	10	3,804	0	1,114	727	11,314	5,681	160	5,473	3,394	2,127
194	1965	11	3,800	895	94	0	8,715	5,345	0	3,371	0	0
195	1965	12	3,800	1,315	0	0	9,773	59	0	9,714	0	0
196	1966	1	4,200	1,353	65	0	10,257	630	0	9,627	0	0
197	1966	2	3,800	1,222	126	0	9,319	3,688	0	5,631	0	0
198	1966	3	3,000	1,353	6	0	14,724	2,098	0	12,626	0	0
199	1966	4	2,100	0	435	4,599	10,571	3,098	80	7,393	4,108	1,815
200	1966	5	6,715	306	1,300	13,393	32,589	2,428	12,600	17,561	9,396	2,685
201	1966	6	11,935	0	2,005	8,780	13,231	4,015	320	8,896	9,863	4,440
202	1966	7	18,231	0	3,365	2,950	12,661	3,798	640	8,223	9,185	5,040
203	1966	8	16,031	0	3,501	2,530	12,161	3,541	610	8,010	8,869	4,783
204	1966	9	11,131	0	2,258	4,572	11,907	4,150	480	7,277	7,472	3,600
205	1966	10	6,080	0	1,114	727	9,976	3,966	160	5,850	3,394	2,127
206	1966	11	4,600	795	154	0	3,907	985	0	2,921	0	0
207	1966	12	4,600	1,015	6	0	4,538	4,029	0	509	0	0
208	1967	1	4,500	1,353	1,338	0	3,363	2,322	0	1,041	0	0
209	1967	2	4,100	1,222	1,201	0	2,223	1,389	0	835	0	0
210	1967	3	4,000	1,353	1,778	0	3,303	1,724	0	1,579	0	0
211	1967	4	6,100	0	435	1,927	7,070	3,995	80	2,995	2,983	1,815
212	1967	5	7,480	0	1,337	11,383	15,437	8,751	160	6,526	8,550	2,685
213	1967	6	8,059	0	2,034	10,503	32,862	4,654	19,517	8,691	10,588	4,440
214	1967	7	11,659	0	3,499	8,905	12,657	4,506	640	7,511	11,807	5,040
215	1967	8	12,759	0	3,641	5,503	13,108	3,579	610	8,919	10,241	4,783
216	1967	9	9,059	0	2,358	6,569	12,377	3,892	480	8,005	8,399	3,600
217	1967	10	5,480	0	1,114	727	11,572	5,681	160	5,732	3,394	2,127
218	1967	11	4,300	795	48	0	5,939	3,516	0	2,423	0	0
219	1967	12	4,600	1,015	162	0	4,421	1,917	0	2,504	0	0
220	1968	1	4,600	1,353	1,233	0	4,931	2,966	0	1,965	0	0
221	1968	2	3,600	1,265	1,851	0	4,445	2,726	0	1,720	0	0
222	1968	3	3,800	1,353	918	0	5,003	2,243	0	2,759	0	0
223	1968	4	5,100	1,309	435	284	4,643	1,985	80	2,578	2,292	1,815
224	1968	5	6,480	0	1,317	10,803	17,128	10,877	160	6,091	8,306	2,685
225	1968	6	7,459	1,195	2,006	11,503	56,978	541	13,779	42,658	11,009	4,440
226	1968	7	12,359	0	3,230	8,510	12,500	3,902	640	7,958	11,409	5,040
227	1968	8	11,659	0	3,361	5,503	13,327	3,503	610	9,214	9,999	4,783
228	1968	9	8,759	0	2,157	6,569	12,034	3,870	480	7,684	8,226	3,600
229	1968	10	5,280	0	1,114	727	10,432	5,681	160	4,591	3,394	2,127
230	1968	11	3,600	795	48	0	8,620	4,715	0	3,905	0	0
231	1968	12	4,000	1,015	0	0	8,931	5,760	0	3,171	0	0
232	1969	1	3,800	1,353	1,876	0	5,167	2,322	0	2,845	0	0
233	1969	2	3,500	1,222	1,713	0	4,392	1,927	0	2,465	0	0
234	1969	3	3,900	1,353	66	0	5,731	882	0	4,849	0	0
235	1969	4	1,500	1,309	414	386	26,914	450	80	26,384	2,335	1,815
236	1969	5	4,580	1,215	1,338	11,090	75,057	337	6,160	68,561	8,427	2,685
237	1969	6	8,959	1,195	2,146	9,708	56,830	541	2,532	53,758	10,253	4,440
238	1969	7	11,859	0	3,197	8,905	13,393	3,902	640	8,851	11,546	5,040
239	1969	8	12,459	0	3,325	5,503	13,438	3,494	610	9,334	9,969	4,783
240	1969	9	8,759	0	2,131	6,569	12,598	3,890	480	8,228	8,204	3,600

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			49	50	51	52	53	54	55	56	57	58	59
Table Number:			P-8g	P-8h	P-9a	P-9b	P-9c	P-9d	P-9e				
Month Number	Year	Month	Diversions into Provo Reservoir Canal PRP	Diversions into Provo Reservoir Canal Non-Project	Provo River from Interstate 15 to Utah Lake Total	Provo River from Interstate 15 to Utah Lake CUP	Provo River from Interstate 15 to Utah Lake PRP	Provo River from Interstate 15 to Utah Lake Non-Project	PRP Diversion to Provo Bench Canal PRP	June Sucker Releases CUP	June Sucker Releases PRP	June Sucker Releases Non-Project	75-cfs Target Releases Non-Project
181	1964	10	961	110	6,421	5,681	0	164	160	0	0	0	-577
182	1964	11	0	0	6,828	1,646	0	5,182	0	0	0	0	0
183	1964	12	0	0	4,611	3,357	0	1,255	0	0	0	0	0
184	1965	1	0	0	4,611	4,018	0	593	0	0	0	0	0
185	1965	2	0	0	4,165	3,927	0	238	0	0	0	0	0
186	1965	3	0	0	4,611	4,011	0	601	0	0	0	0	0
187	1965	4	357	280	4,879	4,760	0	116	80	-2,875	-1,924	0	-3
188	1965	5	1,075	4,880	9,118	8,509	0	0	160	0	-2,076	-1,472	-609
189	1965	6	1,728	4,502	40,683	4,675	35,214	37	320	0	0	-1,434	-758
190	1965	7	2,065	3,747	7,727	3,915	3,105	0	640	0	0	-1,223	-707
191	1965	8	2,144	2,316	3,976	3,266	0	52	610	0	0	0	-658
192	1965	9	1,319	2,764	4,463	3,892	0	0	480	0	0	0	-571
193	1965	10	961	306	6,363	5,681	0	175	160	0	0	0	-507
194	1965	11	0	0	9,630	5,345	0	4,286	0	0	0	0	0
195	1965	12	0	0	9,951	59	0	9,892	0	0	0	0	0
196	1966	1	0	0	9,951	630	0	9,322	0	0	0	0	0
197	1966	2	0	0	8,988	3,688	0	5,300	0	0	0	0	0
198	1966	3	0	0	14,344	2,098	0	12,246	0	0	0	0	0
199	1966	4	357	1,935	4,879	3,098	0	1,367	80	-2,875	-1,924	0	-415
200	1966	5	1,075	5,636	22,453	2,428	12,440	6,837	160	0	-2,076	0	-747
201	1966	6	1,728	3,695	4,768	4,015	0	0	320	0	0	-1,228	-753
202	1966	7	2,904	1,241	4,403	3,798	0	0	640	0	0	-550	-606
203	1966	8	3,021	1,065	4,182	3,541	0	96	610	0	0	0	-546
204	1966	9	1,948	1,924	4,682	4,150	0	30	480	0	0	0	-5[illegible]
205	1966	10	961	306	4,611	3,966	0	133	160	0	0	0	-[illegible]
206	1966	11	0	0	4,463	985	0	3,477	0	0	0	0	
207	1966	12	0	0	4,611	4,029	0	583	0	0	0	0	0
208	1967	1	0	0	2,888	2,322	0	566	0	0	0	0	0
209	1967	2	0	0	1,771	1,389	0	382	0	0	0	0	0
210	1967	3	0	0	2,845	1,724	0	1,121	0	0	0	0	0
211	1967	4	357	811	4,879	3,995	0	744	80	-2,875	-1,924	0	-140
212	1967	5	1,075	4,790	9,501	8,751	0	0	160	0	-2,076	-1,504	-750
213	1967	6	1,728	4,420	24,665	4,654	19,197	56	320	0	0	-1,413	-758
214	1967	7	3,020	3,747	5,211	4,506	0	0	640	0	0	-1,223	-705
215	1967	8	3,142	2,316	4,280	3,579	0	50	610	0	0	0	-652
216	1967	9	2,035	2,764	4,463	3,892	0	0	480	0	0	0	-571
217	1967	10	961	306	6,245	5,681	0	114	160	0	0	0	-450
218	1967	11	0	0	6,622	3,516	0	3,107	0	0	0	0	0
219	1967	12	0	0	4,611	1,917	0	2,695	0	0	0	0	0
220	1968	1	0	0	4,611	2,966	0	1,645	0	0	0	0	0
221	1968	2	0	0	4,165	2,726	0	1,439	0	0	0	0	0
222	1968	3	0	0	4,611	2,243	0	2,368	0	0	0	0	0
223	1968	4	357	119	4,992	1,985	0	3,006	80	-1,873	0	0	-1
224	1968	5	1,075	4,546	11,400	10,877	0	0	160	-1,002	-4,000	-1,354	-524
225	1968	6	1,728	4,841	48,133	541	13,459	33,376	320	0	0	0	-758
226	1968	7	2,788	3,581	4,611	3,902	0	0	640	0	0	-1,182	-710
227	1968	8	2,900	2,316	4,209	3,503	0	51	610	0	0	0	-655
228	1968	9	1,861	2,764	4,463	3,870	0	4	480	0	0	0	-589
229	1968	10	961	306	6,361	5,681	0	280	160	0	0	0	-399
230	1968	11	0	0	9,630	4,715	0	4,916	0	0	0	0	0
231	1968	12	0	0	8,682	5,760	0	2,922	0	0	0	0	0
232	1969	1	0	0	5,239	2,322	0	2,917	0	0	0	0	0
233	1969	2	0	0	4,165	1,927	0	2,238	0	0	0	0	0
234	1969	3	0	0	5,882	882	0	5,000	0	0	0	0	0
235	1969	4	357	162	28,503	450	0	28,053	80	0	0	0	0
236	1969	5	1,075	4,667	66,548	337	6,000	59,460	160	0	0	0	-7[illegible]
237	1969	6	1,728	4,085	47,079	541	2,212	43,569	320	0	0	0	-7
238	1969	7	2,759	3,747	4,611	3,902	0	0	640	-2,875	-4,000	0	-7[illegible]
239	1969	8	2,870	2,316	4,207	3,494	0	53	610	0	0	0	-660
240	1969	9	1,840	2,764	4,463	3,890	0	0	480	0	0	0	-573

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:				1	2	3	4	5	6	7	8
Table Number:			P-0	P-1a	P-1b	P-1c	P-1d	P-2a	P-2b	P-2c	P-2d
Month Number	Year	Month	Foreign Water into Jordanelle PRP	Provo River Release from Jordanelle Total	Provo River Release from Jordanelle CUP	Provo River Release from Jordanelle PRP	Provo River Release from Jordanelle Non-Project	Provo River from Timpanogos to River Ditch Total	Provo River from Timpanogos to River Ditch CUP	Provo River from Timpanogos to River Ditch PRP	Provo River from Timpanogos to River Ditch Non-Project
241	1969	10	1,727	10,003	5,102	1,487	3,415	9,774	4,931	1,487	3,357
242	1969	11	3,685	8,926	4,485	4,080	361	8,926	4,485	4,080	361
243	1969	12	3,252	9,223	4,978	3,090	1,156	9,223	4,978	3,090	1,156
244	1970	1	3,406	8,790	5,152	2,660	978	8,790	5,152	2,660	978
245	1970	2	3,634	7,792	4,741	2,301	750	7,792	4,741	2,301	750
246	1970	3	4,219	8,331	4,684	3,002	645	8,331	4,684	3,002	645
247	1970	4	5,237	8,671	7,358	0	1,313	8,615	7,358	0	1,257
248	1970	5	42,827	57,883	5,734	31,033	21,116	56,259	5,734	31,033	19,492
249	1970	6	20,924	51,905	4,802	33,255	13,848	50,025	4,461	33,255	12,310
250	1970	7	3,435	32,281	13,117	4,678	14,485	28,623	11,261	4,678	12,685
251	1970	8	1,038	28,631	18,244	1,540	8,846	25,418	16,643	1,540	7,235
252	1970	9	1,050	18,500	10,836	3,038	4,626	16,933	10,170	3,038	3,725
253	1970	10	739	10,101	5,097	1,532	3,472	9,872	4,927	1,532	3,414
254	1970	11	4,833	8,926	1,875	6,298	753	8,926	1,875	6,298	753
255	1970	12	5,059	9,223	2,335	4,660	2,228	9,223	2,335	4,660	2,228
256	1971	1	5,502	9,223	3,041	5,016	1,166	9,223	3,041	5,016	1,166
257	1971	2	4,562	8,331	2,451	5,279	601	8,331	2,451	5,279	601
258	1971	3	5,059	9,770	2,257	4,933	2,580	9,770	2,257	4,933	2,580
259	1971	4	15,597	8,336	2,861	3,452	2,022	8,280	2,861	3,452	1,966
260	1971	5	15,239	55,363	3,427	39,430	12,506	53,553	3,427	39,430	10,696
261	1971	6	41,568	94,113	4,109	43,196	46,808	91,867	3,767	43,196	44,903
262	1971	7	5,854	30,081	11,684	3,889	14,507	26,594	9,827	3,889	12,877
263	1971	8	626	26,627	15,904	1,166	9,558	23,574	14,303	1,166	8,105
264	1971	9	714	17,089	10,417	2,251	4,421	15,585	9,750	2,251	3,583
265	1971	10	5,511	10,141	4,656	1,914	3,571	9,912	4,485	1,914	3,513
266	1971	11	5,237	8,926	2,334	6,240	352	8,926	2,334	6,240	352
267	1971	12	4,800	9,223	2,335	5,199	1,689	9,223	2,335	5,199	1,689
268	1972	1	4,732	9,223	3,129	4,313	1,781	9,223	3,129	4,313	1,781
269	1972	2	4,260	8,673	2,350	5,497	826	8,673	2,350	5,497	826
270	1972	3	7,195	10,060	937	6,941	2,182	10,060	937	6,941	2,182
271	1972	4	13,803	8,880	1,046	6,493	1,341	8,824	1,046	6,493	1,285
272	1972	5	19,931	74,382	2,699	44,895	26,788	72,073	2,313	44,895	24,865
273	1972	6	14,165	48,391	4,932	29,574	13,885	46,086	4,257	29,574	12,255
274	1972	7	2,264	31,523	13,215	1,421	16,887	28,395	11,733	1,421	15,242
275	1972	8	9	26,159	17,773	517	7,869	23,239	16,427	517	6,295
276	1972	9	167	15,876	10,920	337	4,619	14,376	10,344	337	3,696
277	1972	10	6,712	9,885	4,842	1,827	3,217	9,656	4,671	1,827	3,159
278	1972	11	5,613	8,926	2,474	6,264	187	8,926	2,474	6,264	187
279	1972	12	5,223	9,223	2,953	4,479	1,792	9,223	2,953	4,479	1,792
280	1973	1	4,569	9,223	4,364	3,897	963	9,223	4,364	3,897	963
281	1973	2	3,869	8,331	4,127	3,628	576	8,331	4,127	3,628	576
282	1973	3	4,203	9,382	2,953	5,474	956	9,382	2,953	5,474	956
283	1973	4	5,968	7,527	3,730	3,619	178	7,471	3,730	3,619	122
284	1973	5	17,120	49,287	3,074	36,327	9,886	47,737	3,074	36,327	8,335
285	1973	6	40,971	70,758	4,815	31,377	34,566	68,822	4,473	31,377	32,973
286	1973	7	4,333	29,203	12,078	3,357	13,767	25,699	10,146	3,357	12,195
287	1973	8	992	25,347	16,852	0	8,496	22,167	15,119	0	7,048
288	1973	9	2,160	19,878	9,341	5,166	5,371	18,595	8,881	5,166	4,548
289	1973	10	3,763	10,247	5,420	1,121	3,706	10,018	5,249	1,121	3,648
290	1973	11	5,083	8,926	4,837	3,482	606	8,926	4,837	3,482	606
291	1973	12	2,826	9,122	4,199	2,286	2,637	9,122	4,199	2,286	2,637
292	1974	1	778	8,510	6,565	690	1,254	8,510	6,565	690	1,254
293	1974	2	617	7,457	5,705	690	1,062	7,457	5,705	690	1,062
294	1974	3	5,974	7,920	6,777	645	498	7,920	6,777	645	498
295	1974	4	10,043	8,236	6,474	875	887	8,180	6,474	875	831
296	1974	5	20,470	78,582	4,516	58,703	15,363	76,683	4,333	58,703	13,646
297	1974	6	42,891	78,119	5,797	34,742	37,580	75,586	4,882	34,742	35,962
298	1974	7	3,071	33,776	14,766	3,277	15,733	30,690	13,302	3,277	14,111
299	1974	8	676	32,498	21,140	1,619	9,739	29,602	19,808	1,619	8,175
300	1974	9	319	19,414	13,267	1,851	4,297	17,950	12,695	1,851	3,404

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			9	10	11	12	13	14	15	16	17	18
Table Number:			P-2e	P-2f	P-2g	P-3a	P-3b			P-3c	P-3d	P-4a
Month Number	Year	Month	Diversions into Timpanogos Canal Total	Diversions into Timpanogos Canal CUP	Diversions into Timpanogos Canal Non-Project	Provo from River Ditch to Snake Creek Total	Provo from River Ditch to Snake Creek CUP	Diversions in Reach CUP	Diversions in Reach VCWEP Mitigatio	Provo from River Ditch to Snake Creek PRP	Provo from River Ditch to Snake Creek Non-Project	Provo River from Snake Creek to Deer Creek Reservoir Total
241	1969	10	229	171	58	7,686	3,927	1,056	1,845	1,487	2,272	15,400
242	1969	11	0	0	0	8,565	4,485	0	0	4,080	0	17,936
243	1969	12	0	0	0	8,067	4,978	0	311	3,090	0	15,067
244	1970	1	0	0	0	8,253	5,152	0	0	2,660	441	14,841
245	1970	2	0	0	0	7,433	4,741	0	0	2,301	391	13,195
246	1970	3	0	0	0	7,686	4,684	0	0	3,002	0	11,974
247	1970	4	56	0	56	7,438	7,358	0	975	0	80	10,282
248	1970	5	1,624	0	1,624	46,433	5,734	0	1,092	31,033	9,666	48,236
249	1970	6	1,879	342	1,538	37,657	4,402	0	1,121	33,255	0	44,250
250	1970	7	3,657	1,857	1,800	16,698	10,938	8	258	4,678	1,082	25,154
251	1970	8	3,213	1,601	1,612	15,966	11,026	5,792	258	1,540	3,400	24,898
252	1970	9	1,567	666	901	11,204	5,293	5,163	254	3,038	2,873	19,409
253	1970	10	229	171	58	7,686	3,854	1,131	1,923	1,532	2,301	15,345
254	1970	11	0	0	0	8,533	1,875	0	0	6,298	360	17,954
255	1970	12	0	0	0	7,909	2,335	0	0	4,660	914	14,592
256	1971	1	0	0	0	8,395	3,041	0	0	5,016	338	13,696
257	1971	2	0	0	0	7,730	2,451	0	0	5,279	0	12,169
258	1971	3	0	0	0	9,141	2,257	0	0	4,933	1,951	13,566
259	1971	4	56	0	56	7,438	2,861	0	71	3,452	1,124	10,322
260	1971	5	1,810	0	1,810	42,857	3,427	0	1,327	39,430	0	45,528
261	1971	6	2,246	342	1,904	78,320	3,709	0	1,705	43,196	31,414	82,663
262	1971	7	3,487	1,857	1,630	14,949	9,438	79	258	3,889	1,621	23,349
263	1971	8	3,054	1,601	1,452	14,140	10,232	4,116	258	1,166	2,742	23,333
264	1971	9	1,505	666	838	9,156	5,469	4,517	399	2,251	1,436	19,243
265	1971	10	229	171	58	7,686	3,589	940	1,954	1,914	2,183	15,451
266	1971	11	0	0	0	8,574	2,334	0	0	6,240	0	17,890
267	1971	12	0	0	0	8,158	2,335	0	0	5,199	624	15,484
268	1972	1	0	0	0	8,338	3,129	0	0	4,313	896	14,521
269	1972	2	0	0	0	7,995	2,350	0	0	5,497	148	12,686
270	1972	3	0	0	0	9,606	937	0	0	6,941	1,728	15,175
271	1972	4	56	0	56	7,568	1,046	0	71	6,493	29	10,883
272	1972	5	2,309	387	1,922	60,586	2,247	0	1,405	44,895	13,444	62,064
273	1972	6	2,305	675	1,629	33,636	4,062	86	1,436	29,574	0	40,911
274	1972	7	3,127	1,483	1,645	16,857	11,379	110	258	1,421	4,057	25,912
275	1972	8	2,920	1,346	1,574	13,959	10,762	5,892	258	517	2,680	22,130
276	1972	9	1,500	576	924	8,569	5,226	5,440	1,871	337	3,006	17,055
277	1972	10	229	171	58	7,686	3,589	1,141	1,751	1,827	2,271	17,175
278	1972	11	0	0	0	8,739	2,474	0	0	6,264	0	18,826
279	1972	12	0	0	0	8,009	2,953	0	0	4,479	578	14,937
280	1973	1	0	0	0	8,338	4,364	0	0	3,897	78	13,906
281	1973	2	0	0	0	7,785	4,127	0	0	3,628	30	12,602
282	1973	3	0	0	0	9,035	2,953	0	0	5,474	609	14,612
283	1973	4	56	0	56	7,444	3,730	0	71	3,619	95	16,581
284	1973	5	1,551	0	1,551	39,401	3,074	0	999	36,327	0	47,784
285	1973	6	1,935	342	1,594	56,858	4,415	0	782	31,377	21,066	64,413
286	1973	7	3,504	1,932	1,572	14,517	9,703	125	258	3,357	1,456	24,406
287	1973	8	3,180	1,733	1,448	12,824	10,412	4,782	258	0	2,413	24,049
288	1973	9	1,283	460	823	12,188	5,645	3,422	254	5,166	1,377	22,857
289	1973	10	229	171	58	7,686	4,383	907	2,039	1,121	2,182	16,026
290	1973	11	0	0	0	8,320	4,837	0	0	3,482	0	16,560
291	1973	12	0	0	0	7,719	4,199	0	1,143	2,286	1,234	12,989
292	1974	1	0	0	0	7,736	6,565	0	616	690	480	14,500
293	1974	2	0	0	0	6,942	5,705	0	410	690	547	12,437
294	1974	3	0	0	0	7,686	6,777	0	186	645	264	14,336
295	1974	4	56	0	56	7,438	6,474	0	635	875	89	12,049
296	1974	5	1,900	183	1,717	66,226	4,302	0	1,179	58,703	3,220	66,945
297	1974	6	2,534	916	1,618	63,640	4,688	41	810	34,742	24,210	72,803
298	1974	7	3,086	1,463	1,622	19,434	12,935	128	258	3,277	3,221	29,040
299	1974	8	2,896	1,333	1,563	19,958	14,753	5,232	258	1,619	3,586	28,339
300	1974	9	1,464	571	893	12,385	8,069	4,908	254	1,851	2,465	21,127

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			19	20	21	22	23	24	25	26	27	28
Table Number:			P-4b	P-4c	P-4d		P-5a	P-5b	P-5c	P-5d	P-5e	P-5f
Month Number	Year	Month	Provo River from Snake Creek to Deer Creek Reservoir CUP	Provo River from Snake Creek to Deer Creek Reservoir PRP	Provo River from Snake Creek to Deer Creek Reservoir Non-Project	CUP Return Flow Gains above Deer Creek CUP	Provo River from Outlet of Deer Creek to North Fork Total	Provo River from Outlet of Deer Creek to North Fork CUP	Provo River from Outlet of Deer Creek to North Fork PRP	Provo River from Outlet of Deer Creek to North Fork Non-Project	Diversions into Salt Lake Aqueduct Total	Diversions into Salt Lake Aqueduct CUP
241	1969	10	3,927	1,487	9,986	0	7,562	5,327	2,235	0	6,100	0
242	1969	11	4,485	4,080	9,371	0	5,984	4,884	161	939	4,490	0
243	1969	12	4,978	3,090	7,000	0	6,149	4,443	557	1,149	4,049	0
244	1970	1	5,152	2,660	7,030	0	6,149	3,240	1,861	1,047	2,745	0
245	1970	2	4,741	2,301	6,153	0	5,554	3,174	2,006	373	2,029	0
246	1970	3	4,684	3,002	4,288	0	6,149	3,310	1,477	1,361	2,438	0
247	1970	4	7,358	0	2,923	0	13,417	9,319	2,796	1,302	1,150	0
248	1970	5	5,734	31,033	11,469	5,910	55,492	6,675	33,016	15,801	2,530	0
249	1970	6	4,402	33,255	6,593	4,072	49,732	7,032	10,610	32,090	7,700	0
250	1970	7	10,938	4,678	9,538	1,711	39,321	16,204	7,470	15,647	7,290	0
251	1970	8	11,026	1,540	12,332	308	33,558	13,351	7,720	12,488	7,700	0
252	1970	9	5,293	3,038	11,078	1,235	25,441	8,251	5,108	12,083	7,710	0
253	1970	10	3,854	1,532	9,960	0	8,412	5,648	2,235	529	6,100	0
254	1970	11	1,875	6,298	9,781	0	6,386	2,025	48	4,313	4,490	0
255	1970	12	2,335	4,660	7,597	0	6,317	1,747	99	4,470	4,490	0
256	1971	1	3,041	5,016	5,639	0	6,149	1,047	2,175	2,926	2,431	0
257	1971	2	2,451	5,279	4,440	0	5,554	578	2,020	2,956	2,015	0
258	1971	3	2,257	4,933	6,375	0	6,149	659	1,780	3,709	2,135	0
259	1971	4	2,861	3,452	4,009	0	14,644	4,219	2,796	7,629	1,150	0
260	1971	5	3,427	39,430	2,671	3,540	55,546	4,565	10,613	40,369	2,530	0
261	1971	6	3,709	43,196	35,758	2,559	85,979	10,717	4,852	70,410	7,700	0
262	1971	7	9,438	3,889	10,022	3,362	33,819	11,959	5,101	16,760	7,290	0
263	1971	8	10,232	1,166	11,935	879	30,436	12,359	5,205	12,873	7,700	0
264	1971	9	5,469	2,251	11,522	1,380	24,654	8,259	3,303	13,093	7,710	0
265	1971	10	3,589	1,914	9,948	0	8,796	5,448	2,235	1,113	6,100	0
266	1971	11	2,334	6,240	9,316	0	6,216	2,545	48	3,623	4,490	0
267	1971	12	2,335	5,199	7,950	0	6,729	1,847	90	4,792	4,490	0
268	1972	1	3,129	4,313	7,079	0	6,149	1,147	2,227	2,774	2,477	0
269	1972	2	2,350	5,497	4,839	0	5,752	564	2,008	3,180	1,888	0
270	1972	3	937	6,941	7,297	0	12,608	0	5	12,602	3,910	0
271	1972	4	1,046	6,493	3,344	0	13,813	0	7,961	5,851	1,150	0
272	1972	5	2,247	44,895	14,923	180	66,785	3,127	5,152	58,507	2,530	0
273	1972	6	4,062	29,574	7,275	3,626	49,839	7,264	5,481	37,095	7,700	0
274	1972	7	11,379	1,421	13,112	1,287	41,084	16,834	9,160	15,090	7,290	0
275	1972	8	10,762	517	10,851	347	29,744	12,859	5,303	11,582	7,700	0
276	1972	9	5,226	337	11,492	777	24,131	9,059	3,373	11,698	7,710	0
277	1972	10	3,589	1,827	11,759	0	8,784	5,348	2,235	1,201	6,100	0
278	1972	11	2,474	6,264	10,087	0	6,428	2,705	48	3,676	4,490	0
279	1972	12	2,953	4,479	7,505	0	6,549	2,547	162	3,839	4,490	0
280	1973	1	4,364	3,897	5,646	0	6,149	2,547	1,882	1,719	2,724	0
281	1973	2	4,127	3,628	4,848	0	5,554	2,578	1,434	1,542	2,746	0
282	1973	3	2,953	5,474	6,186	0	6,149	1,547	1,651	2,951	2,265	0
283	1973	4	3,730	3,619	9,232	0	19,439	3,350	872	15,216	1,150	0
284	1973	5	3,074	36,327	8,382	3,935	57,654	4,465	8,547	44,643	2,530	0
285	1973	6	4,415	31,377	28,621	2,349	76,237	7,664	8,080	60,494	7,700	0
286	1973	7	9,703	3,357	11,346	1,970	43,596	15,434	10,533	17,629	7,290	0
287	1973	8	10,412	0	13,637	1,099	33,165	12,859	6,740	13,567	7,700	0
288	1973	9	5,645	5,166	12,046	1,520	28,597	8,559	4,404	15,635	7,710	0
289	1973	10	4,383	1,121	10,522	0	8,823	5,837	2,235	751	6,100	0
290	1973	11	4,837	3,482	8,240	0	6,203	5,261	48	895	4,490	0
291	1973	12	4,199	2,286	6,504	0	6,149	3,978	555	1,615	4,122	0
292	1974	1	6,565	690	7,245	0	6,149	3,978	577	1,593	4,042	0
293	1974	2	5,705	690	6,042	0	5,554	3,564	559	1,431	3,477	0
294	1974	3	6,777	645	6,914	0	6,149	5,001	984	163	2,931	0
295	1974	4	6,474	875	4,700	0	13,330	12,365	965	0	1,150	0
296	1974	5	4,302	58,703	3,939	6,208	72,572	5,939	8,722	57,910	2,530	0
297	1974	6	4,688	34,742	33,373	3,063	85,250	11,856	20,951	52,442	7,700	0
298	1974	7	12,935	3,277	12,827	1,862	47,601	16,379	12,986	18,237	7,290	0
299	1974	8	14,753	1,619	11,967	684	37,588	16,837	9,304	11,447	7,700	0
300	1974	9	8,069	1,851	11,207	864	29,675	11,831	6,244	11,600	7,710	0

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			29	30	31	32	33	34	35	36	37	38
Table Number:			P-5g	P-6a	P-6b	P-6c	P-6d	P-7a	P-7b	P-7c	P-7d	P-7e
Month Number	Year	Month	Diversions into Salt Lake Aqueduct PRP	Provo River from North Fork to Olmsted Total	Provo River from North Fork to Olmsted CUP	Provo River from North Fork to Olmsted PRP	Provo River from North Fork to Olmsted Non-Project	Provo River from Olmsted to Murdock Total	Provo River from Olmsted to Murdock CUP	Provo River from Olmsted to Murdock PRP	Provo River from Olmsted to Murdock Non-Project	Diversions into Olmsted Aqueduct Total
241	1969	10	6,100	9,246	5,327	2,235	1,683	6,581	768	1,121	4,692	7,016
242	1969	11	4,490	7,845	4,884	161	2,800	6,652	1,779	0	4,873	4,061
243	1969	12	4,049	6,647	4,443	557	1,647	3,243	1,596	0	1,648	4,757
244	1970	1	2,745	6,579	3,240	1,861	1,477	2,798	593	0	2,204	5,861
245	1970	2	2,029	5,918	3,174	2,006	737	2,427	1,097	0	1,331	5,306
246	1970	3	2,438	6,539	3,310	1,477	1,751	2,388	263	0	2,124	5,877
247	1970	4	1,150	14,009	9,319	2,796	1,894	10,077	3,619	2,361	4,096	7,372
248	1970	5	2,530	58,119	6,675	33,016	18,428	53,562	0	31,763	21,799	16,734
249	1970	6	7,700	53,676	7,032	10,610	36,034	45,690	0	8,606	37,085	21,844
250	1970	7	7,290	41,832	16,204	7,470	18,158	27,639	3,553	3,804	20,281	23,472
251	1970	8	7,700	34,791	13,351	7,720	13,721	19,736	0	3,904	15,833	21,988
252	1970	9	7,710	26,902	8,251	5,108	13,544	18,691	0	2,624	16,067	17,288
253	1970	10	6,100	10,011	5,648	2,235	2,128	6,749	768	1,121	4,859	6,720
254	1970	11	4,490	7,592	2,025	48	5,519	4,629	320	0	4,309	2,448
255	1970	12	4,490	6,650	1,747	99	4,803	2,145	0	0	2,145	3,199
256	1971	1	2,431	6,590	1,047	2,175	3,367	2,648	0	0	2,647	4,575
257	1971	2	2,015	6,036	578	2,020	3,438	2,893	0	0	2,893	3,820
258	1971	3	2,135	6,462	659	1,780	4,023	2,687	0	0	2,687	3,380
259	1971	4	1,150	15,376	4,219	2,796	8,361	16,160	3,619	2,361	10,180	5,433
260	1971	5	2,530	57,560	4,565	10,613	42,383	52,931	0	9,311	43,620	18,141
261	1971	6	7,700	89,428	10,717	4,852	73,859	82,084	3,853	2,695	75,536	19,768
262	1971	7	7,290	36,403	11,959	5,101	19,344	23,829	0	2,690	21,138	22,012
263	1971	8	7,700	31,765	12,359	5,205	14,201	18,983	0	2,739	16,245	19,761
264	1971	9	7,710	25,923	8,259	3,303	14,362	18,272	0	1,788	16,485	16,343
265	1971	10	6,100	9,628	5,448	2,235	1,945	5,897	768	1,121	4,008	6,520
266	1971	11	4,490	7,183	2,545	48	4,590	4,206	241	0	3,966	3,048
267	1971	12	4,490	7,158	1,847	90	5,221	2,754	0	0	2,754	3,290
268	1972	1	2,477	6,458	1,147	2,227	3,083	2,341	0	0	2,340	4,727
269	1972	2	1,888	6,044	564	2,008	3,472	1,833	0	0	1,833	3,707
270	1972	3	3,910	13,012	0	5	13,006	12,419	738	0	11,681	5
271	1972	4	1,150	14,583	0	7,961	6,621	15,668	714	7,526	7,427	3,114
272	1972	5	2,530	69,364	3,127	5,152	61,086	65,736	0	3,859	61,877	16,604
273	1972	6	7,700	53,850	7,264	5,481	41,106	46,232	0	3,372	42,860	19,732
274	1972	7	7,290	42,869	16,834	9,160	16,876	28,419	2,875	6,734	18,811	23,071
275	1972	8	7,700	30,771	12,859	5,303	12,610	17,309	0	2,784	14,526	18,863
276	1972	9	7,710	25,118	9,059	3,373	12,686	16,552	0	1,820	14,732	15,441
277	1972	10	6,100	9,887	5,348	2,235	2,304	6,681	768	1,121	4,791	6,259
278	1972	11	4,490	7,187	2,705	48	4,435	3,605	0	0	3,605	3,448
279	1972	12	4,490	6,895	2,547	162	4,185	2,096	0	0	2,096	4,062
280	1973	1	2,724	6,561	2,547	1,882	2,131	2,506	0	0	2,505	5,782
281	1973	2	2,746	5,966	2,578	1,434	1,954	2,573	0	0	2,573	5,234
282	1973	3	2,265	6,556	1,547	1,651	3,358	2,664	0	0	2,664	4,550
283	1973	4	1,150	20,640	3,350	872	16,417	18,505	1,260	437	16,808	3,835
284	1973	5	2,530	62,965	4,465	8,547	49,954	58,930	0	7,235	51,695	17,142
285	1973	6	7,700	82,027	7,664	8,080	66,284	73,615	0	5,994	67,622	20,796
286	1973	7	7,290	46,664	15,434	10,533	20,697	32,996	2,875	7,370	22,751	25,306
287	1973	8	7,700	34,945	12,859	6,740	15,347	21,011	0	3,450	17,562	22,780
288	1973	9	7,710	30,022	8,559	4,404	17,060	21,803	0	2,298	19,505	19,200
289	1973	10	6,100	9,446	5,837	2,235	1,374	5,378	768	1,121	3,488	7,206
290	1973	11	4,490	7,377	5,261	48	2,069	4,512	748	0	3,764	5,379
291	1973	12	4,122	6,678	3,978	555	2,144	2,505	0	0	2,505	5,886
292	1974	1	4,042	6,551	3,978	577	1,995	2,065	0	0	2,064	5,908
293	1974	2	3,477	5,831	3,564	559	1,708	1,870	0	0	1,869	4,965
294	1974	3	2,931	6,598	5,001	984	612	2,272	1,538	0	734	5,801
295	1974	4	1,150	14,084	12,365	965	754	11,942	10,197	480	1,265	4,454
296	1974	5	2,530	74,289	5,939	8,722	59,627	68,136	0	7,331	60,805	19,793
297	1974	6	7,700	86,519	11,856	20,951	53,711	74,586	2,960	18,630	52,996	22,232
298	1974	7	7,290	48,262	16,379	12,986	18,898	29,830	1,379	8,506	19,945	26,987
299	1974	8	7,700	38,485	16,837	9,304	12,344	18,903	0	4,638	14,265	25,190
300	1974	9	7,710	29,904	11,831	6,244	11,829	16,572	0	3,150	13,422	18,680

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			39	40	41	42	43	44	45	46	47	48
Table Number:			P-7f	P-7g	P-7h	P-7i	P-8a	P-8b	P-8c	P-8d	P-8e	P-8f
Month Number	Year	Month	Diversions into Olmsted Aqueduct CUP	Diversions into Olmsted Aqueduct Ap 40524	Diversions into Olmsted Aqueduct PRP	Diversions into Olmsted Aqueduct Non-Project	Provo River from Murdock to Interstate15 Total	Provo River from Murdock to Interstate15 CUP	Provo River from Murdock to Interstate15 PRP	Provo River from Murdock to Interstate15 Non-Project	Diversions into Provo Reservoir Canal Total	ULS Water in Provo Reservoir Canal CUP
241	1969	10	5,175	616	1,114	727	9,222	5,024	160	4,039	3,394	2,127
242	1969	11	3,900	795	161	0	6,870	1,779	0	5,091	0	0
243	1969	12	4,200	1,353	557	0	4,489	2,765	0	1,724	0	0
244	1970	1	4,000	1,353	1,861	0	5,005	2,736	0	2,270	0	0
245	1970	2	3,300	1,222	2,006	0	4,449	3,064	0	1,385	0	0
246	1970	3	4,400	1,353	1,477	0	4,962	2,780	0	2,182	0	0
247	1970	4	5,700	0	435	1,238	7,302	4,763	80	2,459	2,693	1,815
248	1970	5	6,675	0	1,252	8,806	38,610	2,430	28,612	7,567	7,466	2,685
249	1970	6	8,342	1,309	2,004	11,499	29,071	541	6,877	21,653	11,007	4,440
250	1970	7	12,651	0	3,666	7,155	14,915	5,602	640	8,673	11,215	5,040
251	1970	8	13,351	0	3,816	4,821	13,665	3,626	610	9,429	10,105	4,783
252	1970	9	8,251	0	2,484	6,553	11,580	3,920	480	7,181	8,501	3,600
253	1970	10	4,880	0	1,114	727	8,088	3,727	160	4,201	3,394	2,127
254	1970	11	2,400	695	48	0	4,798	320	0	4,478	0	0
255	1970	12	3,100	1,353	99	0	4,778	2,582	0	2,196	0	0
256	1971	1	2,400	1,353	2,175	0	4,807	2,094	0	2,713	0	0
257	1971	2	1,800	1,222	2,020	0	4,449	1,483	0	2,966	0	0
258	1971	3	1,600	941	1,780	0	4,187	1,453	0	2,734	0	0
259	1971	4	600	0	435	4,399	8,892	4,695	80	4,117	4,023	1,815
260	1971	5	5,880	1,315	1,302	10,959	38,304	6,342	6,160	25,802	8,372	2,685
261	1971	6	7,559	695	2,157	10,051	67,461	4,394	966	62,101	10,398	4,440
262	1971	7	11,959	0	2,411	7,643	13,479	4,077	640	8,762	10,307	5,040
263	1971	8	12,359	0	2,466	4,936	13,570	3,261	610	9,698	8,989	4,783
264	1971	9	8,259	0	1,515	6,569	11,947	3,921	480	7,546	7,672	3,600
265	1971	10	4,680	0	1,114	727	8,473	5,119	160	3,194	3,394	2,127
266	1971	11	3,000	695	48	0	4,343	241	0	4,103	0	0
267	1971	12	3,200	1,353	90	0	4,892	2,073	0	2,819	0	0
268	1972	1	2,500	1,353	2,227	0	5,125	2,739	0	2,386	0	0
269	1972	2	1,700	1,136	2,008	0	4,435	2,559	0	1,876	0	0
270	1972	3	0	738	5	0	12,480	738	0	11,741	0	0
271	1972	4	100	814	435	2,579	11,926	826	7,169	3,931	3,258	1,815
272	1972	5	4,479	1,353	1,293	10,831	50,276	337	2,784	47,155	8,318	2,685
273	1972	6	7,959	695	2,109	9,664	32,228	541	1,644	30,044	10,235	4,440
274	1972	7	13,959	0	2,426	6,686	14,368	3,868	640	9,860	9,947	5,040
275	1972	8	12,859	0	2,519	3,486	13,887	3,276	610	10,002	8,424	4,783
276	1972	9	9,059	0	1,553	4,829	12,560	3,831	480	8,250	6,972	3,600
277	1972	10	4,580	0	1,114	566	10,118	5,681	160	4,277	3,326	2,127
278	1972	11	3,400	695	48	0	7,210	3,496	0	3,713	0	0
279	1972	12	3,900	1,353	162	0	4,865	2,717	0	2,148	0	0
280	1973	1	3,900	1,353	1,882	0	4,946	2,378	0	2,568	0	0
281	1973	2	3,800	1,222	1,434	0	4,536	1,901	0	2,635	0	0
282	1973	3	2,900	1,353	1,651	0	5,035	2,310	0	2,725	0	0
283	1973	4	3,400	1,309	435	0	18,435	1,371	80	16,984	2,172	1,815
284	1973	5	5,480	1,015	1,312	10,351	44,480	336	6,160	37,983	8,116	2,685
285	1973	6	8,359	695	2,086	10,351	58,904	541	4,266	54,098	10,524	4,440
286	1973	7	12,559	0	3,163	9,584	14,417	3,903	640	9,874	11,803	5,040
287	1973	8	12,859	0	3,290	6,630	12,732	3,484	610	8,638	10,413	4,783
288	1973	9	8,559	0	2,106	8,535	12,193	3,903	480	7,810	9,009	3,600
289	1973	10	5,069	0	1,114	1,024	8,024	5,681	160	2,183	3,519	2,127
290	1973	11	5,331	818	48	0	8,090	4,156	0	3,934	0	0
291	1973	12	5,331	1,353	555	0	4,790	2,206	0	2,584	0	0
292	1974	1	5,331	1,353	577	0	4,934	2,809	0	2,125	0	0
293	1974	2	4,407	843	559	0	4,605	2,694	0	1,911	0	0
294	1974	3	4,817	1,353	984	0	5,044	4,243	0	801	0	0
295	1974	4	3,477	1,309	485	493	11,085	10,323	80	682	2,423	1,815
296	1974	5	7,292	1,353	1,391	11,109	52,150	366	6,160	45,623	8,531	2,685
297	1974	6	10,205	1,309	2,321	9,705	60,018	3,554	16,731	39,733	10,423	4,440
298	1974	7	15,000	0	4,480	7,507	14,160	6,003	640	7,517	12,065	5,040
299	1974	8	16,837	0	4,667	3,687	13,893	3,856	610	9,427	10,362	4,783
300	1974	9	11,831	0	3,094	3,755	12,645	3,797	480	8,368	7,850	3,600

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			49	50	51	52	53	54	55	56	57	58	59
Table Number:			P-8g	P-8h	P-9a	P-9b	P-9c	P-9d	P-9e				
Month Number	Year	Month	Diversions into Provo Reservoir Canal PRP	Diversions into Provo Reservoir Canal Non-Project	Provo River from Interstate 15 to Utah Lake Total	Provo River from Interstate 15 to Utah Lake CUP	Provo River from Interstate 15 to Utah Lake PRP	Provo River from Interstate 15 to Utah Lake Non-Project	PRP Diversion to Provo Bench Canal PRP	June Sucker Releases CUP	June Sucker Releases PRP	June Sucker Releases Non-Project	75-cfs Target Releases Non-Project
241	1969	10	961	306	5,510	5,024	0	137	160	0	0	0	-349
242	1969	11	0	0	8,198	1,779	0	6,419	0	0	0	0	0
243	1969	12	0	0	4,611	2,765	0	1,846	0	0	0	0	0
244	1970	1	0	0	4,611	2,736	0	1,876	0	0	0	0	0
245	1970	2	0	0	4,165	3,064	0	1,101	0	0	0	0	0
246	1970	3	0	0	4,611	2,780	0	1,831	0	0	0	0	0
247	1970	4	357	521	4,879	4,763	0	30	80	-2,875	-1,924	0	-87
248	1970	5	1,075	3,706	31,504	2,430	28,452	0	160	0	-2,076	-1,180	-622
249	1970	6	1,728	4,839	19,475	541	6,557	11,642	320	0	0	0	-735
250	1970	7	3,164	3,011	6,311	5,602	0	0	640	0	0	-1,058	-710
251	1970	8	3,294	2,029	4,334	3,626	0	65	610	0	0	0	-643
252	1970	9	2,144	2,757	4,463	3,920	0	0	480	0	0	0	-543
253	1970	10	961	306	4,611	3,727	0	502	160	0	0	0	-383
254	1970	11	0	0	5,574	320	0	5,254	0	0	0	0	0
255	1970	12	0	0	4,611	2,582	0	2,030	0	0	0	0	0
256	1971	1	0	0	4,611	2,094	0	2,517	0	0	0	0	0
257	1971	2	0	0	4,165	1,483	0	2,683	0	0	0	0	0
258	1971	3	0	0	3,639	1,453	0	2,186	0	0	0	0	0
259	1971	4	357	1,851	4,879	4,695	0	6	80	-2,875	-1,924	0	-178
260	1971	5	1,075	4,612	32,153	6,342	6,000	19,227	160	0	-2,076	-1,394	-584
261	1971	6	1,728	4,230	57,133	4,394	646	51,335	320	0	0	0	-758
262	1971	7	2,050	3,216	4,786	4,077	0	0	640	0	0	-1,097	-710
263	1971	8	2,129	2,077	3,996	3,261	0	69	610	0	0	0	-666
264	1971	9	1,308	2,764	4,463	3,921	0	0	480	0	0	0	-5[illegible]
265	1971	10	961	306	5,397	5,119	0	49	160	0	0	0	-[illegible]
266	1971	11	0	0	4,995	241	0	4,754	0	0	0	0	
267	1971	12	0	0	4,611	2,073	0	2,538	0	0	0	0	0
268	1972	1	0	0	4,611	2,739	0	1,872	0	0	0	0	0
269	1972	2	0	0	4,165	2,559	0	1,606	0	0	0	0	0
270	1972	3	0	0	12,060	738	0	11,322	0	0	0	0	0
271	1972	4	357	1,085	9,259	826	7,089	1,238	80	0	0	0	-106
272	1972	5	1,075	4,558	41,628	337	2,624	38,022	160	0	0	0	-645
273	1972	6	1,728	4,067	22,961	541	1,324	20,341	320	0	0	0	-755
274	1972	7	2,094	2,814	4,611	3,868	0	36	640	-2,875	-4,000	0	-708
275	1972	8	2,174	1,467	4,044	3,276	0	106	610	0	0	0	-663
276	1972	9	1,340	2,032	4,463	3,831	0	48	480	0	0	0	-584
277	1972	10	961	238	6,082	5,681	0	80	160	0	0	0	-321
278	1972	11	0	0	7,890	3,496	0	4,394	0	0	0	0	0
279	1972	12	0	0	4,611	2,717	0	1,895	0	0	0	0	0
280	1973	1	0	0	4,611	2,378	0	2,234	0	0	0	0	0
281	1973	2	0	0	4,165	1,901	0	2,264	0	0	0	0	0
282	1973	3	0	0	4,611	2,310	0	2,302	0	0	0	0	0
283	1973	4	357	0	18,645	1,371	0	17,273	80	0	0	0	0
284	1973	5	1,075	4,356	38,382	336	6,000	31,593	160	0	0	0	-453
285	1973	6	1,728	4,356	50,002	541	3,946	44,776	320	0	0	0	-739
286	1973	7	2,730	4,033	4,611	3,903	0	0	640	-2,875	-4,000	0	-708
287	1973	8	2,840	2,790	4,064	3,484	0	0	610	0	0	0	-580
288	1973	9	1,818	3,591	4,463	3,903	0	0	480	0	0	0	-560
289	1973	10	961	431	5,970	5,681	0	159	160	0	0	0	-130
290	1973	11	0	0	8,395	4,156	0	4,239	0	0	0	0	0
291	1973	12	0	0	4,611	2,206	0	2,406	0	0	0	0	0
292	1974	1	0	0	4,611	2,809	0	1,803	0	0	0	0	0
293	1974	2	0	0	4,165	2,694	0	1,471	0	0	0	0	0
294	1974	3	0	0	4,611	4,243	0	369	0	0	0	0	0
295	1974	4	400	208	10,323	10,323	0	0	80	-1,496	0	0	0
296	1974	5	1,171	4,675	43,718	366	6,000	36,600	160	0	0	0	-7[illegible]
297	1974	6	1,899	4,084	51,995	3,554	16,411	31,272	320	0	0	0	-7
298	1974	7	3,866	3,159	6,712	6,003	0	0	640	-1,379	-4,000	-1,076	-7[illegible]
299	1974	8	4,028	1,551	4,593	3,856	0	94	610	0	0	0	-643
300	1974	9	2,670	1,580	4,463	3,797	0	77	480	0	0	0	-589

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:				1	2	3	4	5	6	7	8
Table Number:			P-0	P-1a	P-1b	P-1c	P-1d	P-2a	P-2b	P-2c	P-2d
Month Number	Year	Month	Foreign Water into Jordanelle PRP	Provo River Release from Jordanelle Total	Provo River Release from Jordanelle CUP	Provo River Release from Jordanelle PRP	Provo River Release from Jordanelle Non-Project	Provo River from Timpanogos to River Ditch Total	Provo River from Timpanogos to River Ditch CUP	Provo River from Timpanogos to River Ditch PRP	Provo River from Timpanogos to River Ditch Non-Project
301	1974	10	2,539	9,745	4,676	1,855	3,214	9,516	4,505	1,855	3,156
302	1974	11	3,964	8,675	5,849	1,852	974	8,675	5,849	1,852	974
303	1974	12	3,777	8,880	5,176	2,549	1,155	8,880	5,176	2,549	1,155
304	1975	1	3,459	8,433	6,472	1,214	747	8,433	6,472	1,214	747
305	1975	2	3,133	7,602	5,295	1,605	701	7,602	5,295	1,605	701
306	1975	3	3,886	7,904	5,791	1,852	261	7,904	5,791	1,852	261
307	1975	4	4,505	8,286	6,890	459	937	8,230	6,890	459	881
308	1975	5	28,257	24,412	8,197	8,066	8,149	23,153	8,197	8,066	6,889
309	1975	6	39,293	97,759	1,563	60,897	35,298	95,961	1,222	60,897	33,842
310	1975	7	7,296	55,183	10,744	28,545	15,894	52,465	9,431	28,545	14,490
311	1975	8	2,604	34,215	21,053	1,671	11,491	30,961	19,051	1,671	10,240
312	1975	9	565	21,316	10,398	4,359	6,559	19,750	9,590	4,359	5,801
313	1975	10	5,880	10,563	4,719	1,405	4,439	10,334	4,548	1,405	4,381
314	1975	11	4,916	9,167	5,301	3,332	533	9,167	5,301	3,332	533
315	1975	12	1,840	9,074	3,923	2,912	2,240	9,074	3,923	2,912	2,240
316	1976	1	0	8,882	5,457	1,817	1,607	8,882	5,457	1,817	1,607
317	1976	2	3,348	7,814	5,735	1,059	1,021	7,814	5,735	1,059	1,021
318	1976	3	3,983	8,036	5,632	1,137	1,268	8,036	5,632	1,137	1,268
319	1976	4	9,909	8,455	5,543	1,281	1,631	8,399	5,543	1,281	1,575
320	1976	5	23,848	51,225	2,745	36,088	12,392	49,466	2,686	36,088	10,692
321	1976	6	11,206	35,830	6,926	12,318	16,586	33,187	5,913	12,318	14,955
322	1976	7	835	33,348	16,948	3,084	13,316	30,252	15,471	3,084	11,697
323	1976	8	0	30,423	21,767	3,234	5,422	27,493	20,425	3,234	3,833
324	1976	9	0	22,631	17,264	1,969	3,397	21,212	16,690	1,969	2,553
325	1976	10	162	9,731	4,839	1,801	3,092	9,502	4,668	1,801	3,034
326	1976	11	3,151	8,416	5,637	1,546	1,233	8,416	5,637	1,546	1,233
327	1976	12	1,670	8,362	5,660	1,472	1,231	8,362	5,660	1,472	1,231
328	1977	1	314	8,470	7,240	720	510	8,470	7,240	720	510
329	1977	2	283	7,588	6,449	741	398	7,588	6,449	741	398
330	1977	3	314	8,318	5,690	1,435	1,193	8,318	5,690	1,435	1,193
331	1977	4	627	10,343	4,666	2,732	2,945	10,252	4,666	2,732	2,854
332	1977	5	3,831	14,398	6,841	1,456	6,100	13,756	6,841	1,456	5,459
333	1977	6	6,750	18,929	10,010	862	8,057	17,039	9,449	862	6,728
334	1977	7	0	20,625	11,928	0	8,697	17,997	10,679	0	7,318
335	1977	8	0	17,733	15,424	0	2,309	15,466	14,236	0	1,230
336	1977	9	0	19,396	16,111	0	3,285	18,378	15,689	0	2,689
337	1977	10	241	8,657	4,981	2,160	1,516	8,428	4,811	2,160	1,458
338	1977	11	2,607	7,930	5,072	1,442	1,416	7,930	5,072	1,442	1,416
339	1977	12	1,865	7,870	7,085	366	419	7,870	7,085	366	419
340	1978	1	468	8,072	7,506	110	456	8,072	7,506	110	456
341	1978	2	422	7,264	6,192	457	615	7,264	6,192	457	615
342	1978	3	468	7,686	6,275	1,411	0	7,686	6,275	1,411	0
343	1978	4	12,223	8,375	7,349	0	1,026	8,319	7,349	0	970
344	1978	5	35,642	23,472	8,619	206	14,647	21,677	8,619	206	12,853
345	1978	6	78,452	75,537	8,002	41,367	26,169	72,939	7,182	41,367	24,390
346	1978	7	5,192	68,271	18,729	28,876	20,667	64,989	17,101	28,876	19,013
347	1978	8	134	50,986	22,104	16,289	12,593	48,047	20,659	16,289	11,099
348	1978	9	28	21,098	15,629	2,461	3,008	19,671	15,056	2,461	2,154
349	1978	10	163	9,969	2,669	2,994	4,306	9,740	2,498	2,994	4,248
350	1978	11	3,305	7,914	4,409	2,315	1,190	7,914	4,409	2,315	1,190
351	1978	12	3,509	8,341	5,646	2,040	655	8,341	5,646	2,040	655
352	1979	1	3,470	8,355	6,754	932	669	8,355	6,754	932	669
353	1979	2	2,905	7,429	5,361	1,329	739	7,429	5,361	1,329	739
354	1979	3	3,499	8,938	4,618	2,963	1,358	8,938	4,618	2,963	1,358
355	1979	4	6,721	8,490	4,657	2,139	1,694	8,434	4,657	2,139	1,638
356	1979	5	41,745	23,689	3,678	8,750	11,261	21,983	3,645	8,750	9,587
357	1979	6	12,577	26,084	6,923	5,029	14,132	23,571	6,017	5,029	12,524
358	1979	7	2,184	34,475	17,442	430	16,603	31,293	15,895	430	14,968
359	1979	8	1,143	28,681	23,462	1,416	3,803	25,855	22,073	1,416	2,367
360	1979	9	3	18,090	14,016	1,936	2,138	16,670	13,425	1,936	1,309

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			9	10	11	12	13	14	15	16	17	18
Table Number:			P-2e	P-2f	P-2g	P-3a	P-3b			P-3c	P-3d	P-4a
Month Number	Year	Month	Diversions into Timpanogos Canal Total	Diversions into Timpanogos Canal CUP	Diversions into Timpanogos Canal Non-Project	Provo from River Ditch to Snake Creek Total	Provo from River Ditch to Snake Creek CUP	Diversions in Reach CUP	Diversions in Reach VCWEP Mitigatio	Provo from River Ditch to Snake Creek PRP	Provo from River Ditch to Snake Creek Non-Project	Provo River from Snake Creek to Deer Creek Reservoir Total
301	1974	10	229	171	58	7,686	3,448	1,114	1,639	1,855	2,383	14,284
302	1974	11	0	0	0	7,701	5,849	0	231	1,852	0	17,468
303	1974	12	0	0	0	7,725	5,176	0	223	2,549	0	13,785
304	1975	1	0	0	0	7,732	6,472	0	595	1,214	46	12,986
305	1975	2	0	0	0	6,981	5,295	0	525	1,605	80	11,711
306	1975	3	0	0	0	7,793	5,791	0	173	1,852	150	14,874
307	1975	4	56	0	56	7,438	6,890	0	675	459	89	12,415
308	1975	5	1,260	0	1,260	16,263	8,197	0	631	8,066	0	22,966
309	1975	6	1,798	342	1,456	85,759	1,163	0	699	60,897	23,699	93,472
310	1975	7	2,718	1,314	1,404	40,089	9,130	84	707	28,545	2,415	44,682
311	1975	8	3,253	2,002	1,251	21,718	17,258	1,574	258	1,671	2,790	31,487
312	1975	9	1,566	808	758	13,052	7,655	1,948	254	4,359	1,038	22,912
313	1975	10	229	171	58	7,964	3,845	731	2,069	1,405	2,715	14,820
314	1975	11	0	0	0	8,634	5,301	0	0	3,332	0	16,718
315	1975	12	0	0	0	7,831	3,923	0	990	2,912	997	13,018
316	1976	1	0	0	0	7,877	5,457	0	800	1,817	602	13,701
317	1976	2	0	0	0	7,401	5,735	0	329	1,059	608	13,412
318	1976	3	0	0	0	7,899	5,632	0	109	1,137	1,131	14,935
319	1976	4	56	0	56	7,651	5,543	0	640	1,281	827	11,813
320	1976	5	1,759	59	1,700	38,764	2,676	0	1,178	36,088	0	38,811
321	1976	6	2,644	1,013	1,631	22,323	5,729	13	810	12,318	4,276	26,257
322	1976	7	3,096	1,477	1,619	19,359	14,220	1,084	258	3,084	2,055	25,256
323	1976	8	2,931	1,342	1,589	19,031	14,263	6,431	258	3,234	1,533	25,803
324	1976	9	1,419	575	844	16,263	12,030	4,944	254	1,969	2,264	24,084
325	1976	10	229	171	58	7,936	3,699	1,018	1,397	1,801	2,436	13,861
326	1976	11	0	0	0	7,664	5,637	0	599	1,546	481	15,241
327	1976	12	0	0	0	7,914	5,660	0	357	1,472	783	14,943
328	1977	1	0	0	0	7,960	7,240	0	406	720	0	14,068
329	1977	2	0	0	0	7,267	6,449	0	256	741	77	12,823
330	1977	3	0	0	0	7,987	5,690	0	264	1,435	862	13,045
331	1977	4	91	0	91	7,730	4,666	0	936	2,732	332	10,511
332	1977	5	642	0	642	8,458	6,841	0	303	1,456	160	12,844
333	1977	6	1,889	560	1,329	9,924	8,805	595	383	862	257	15,268
334	1977	7	2,628	1,249	1,379	8,375	8,375	2,267	1,560	0	0	11,703
335	1977	8	2,267	1,188	1,079	8,576	8,032	6,505	341	0	544	15,666
336	1977	9	1,018	422	596	14,175	12,544	3,331	254	0	1,631	21,604
337	1977	10	229	171	58	7,686	4,258	568	105	2,160	1,269	13,344
338	1977	11	0	0	0	7,438	5,072	0	392	1,442	924	11,535
339	1977	12	0	0	0	7,686	7,085	0	147	366	235	14,329
340	1978	1	0	0	0	7,686	7,506	0	307	110	70	12,701
341	1978	2	0	0	0	6,942	6,192	0	256	457	293	11,354
342	1978	3	0	0	0	7,805	6,275	0	0	1,411	119	15,918
343	1978	4	56	0	56	7,438	7,349	0	746	0	89	12,096
344	1978	5	1,795	0	1,795	11,141	8,619	0	1,307	206	2,316	15,300
345	1978	6	2,598	820	1,778	59,904	7,043	0	1,028	41,367	11,495	64,478
346	1978	7	3,282	1,628	1,654	54,678	16,725	107	258	28,876	9,076	61,607
347	1978	8	2,939	1,445	1,494	39,072	16,391	4,359	258	16,289	6,392	47,489
348	1978	9	1,427	573	854	14,263	10,074	5,294	254	2,461	1,729	23,496
349	1978	10	229	171	58	7,686	1,488	1,063	1,793	2,994	3,204	14,225
350	1978	11	0	0	0	7,438	4,409	0	0	2,315	714	15,774
351	1978	12	0	0	0	7,686	5,646	0	0	2,040	0	13,345
352	1979	1	0	0	0	7,686	6,754	0	0	932	0	12,792
353	1979	2	0	0	0	6,993	5,361	0	275	1,329	303	12,307
354	1979	3	0	0	0	8,904	4,618	0	0	2,963	1,324	16,631
355	1979	4	56	0	56	7,438	4,657	0	838	2,139	642	10,999
356	1979	5	1,707	33	1,674	12,390	3,640	0	1,150	8,750	0	17,327
357	1979	6	2,514	906	1,608	12,905	5,857	7	799	5,029	2,018	20,996
358	1979	7	3,181	1,547	1,635	19,876	14,668	1,045	258	430	4,778	24,591
359	1979	8	2,825	1,389	1,436	17,614	15,628	6,728	258	1,416	570	25,080
360	1979	9	1,420	591	829	12,571	8,902	4,792	254	1,936	1,732	21,110

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			19	20	21	22	23	24	25	26	27	28
Table Number:			P-4b	P-4c	P-4d		P-5a	P-5b	P-5c	P-5d	P-5e	P-5f
Month Number	Year	Month	Provo River from Snake Creek to Deer Creek Reservoir CUP	Provo River from Snake Creek to Deer Creek Reservoir PRP	Provo River from Snake Creek to Deer Creek Reservoir Non-Project	CUP Return Flow Gains above Deer Creek CUP	Provo River from Outlet of Deer Creek to North Fork Total	Provo River from Outlet of Deer Creek to North Fork CUP	Provo River from Outlet of Deer Creek to North Fork PRP	Provo River from Outlet of Deer Creek to North Fork Non-Project	Diversions into Salt Lake Aqueduct Total	Diversions into Salt Lake Aqueduct CUP
301	1974	10	3,448	1,855	8,980	0	11,395	5,774	2,488	3,133	6,100	0
302	1974	11	5,849	1,852	9,768	0	6,388	6,341	48	0	4,490	0
303	1974	12	5,176	2,549	6,060	0	6,149	4,900	531	718	4,077	0
304	1975	1	6,472	1,214	5,299	0	6,149	4,044	453	1,651	4,152	0
305	1975	2	5,295	1,605	4,810	0	5,554	3,292	776	1,485	3,259	0
306	1975	3	5,791	1,852	7,231	0	6,149	4,241	223	1,684	3,693	0
307	1975	4	6,890	459	5,066	0	8,127	6,294	965	868	1,150	0
308	1975	5	8,197	8,066	6,703	3,241	32,630	16,330	6,801	9,499	2,530	0
309	1975	6	1,163	60,897	31,411	3,124	97,984	3,911	14,767	79,306	7,700	0
310	1975	7	9,130	28,545	7,007	1,866	51,768	9,163	13,108	29,497	7,290	0
311	1975	8	17,258	1,671	12,558	1,955	41,671	18,282	9,304	14,085	7,700	0
312	1975	9	7,655	4,359	10,898	1,609	31,993	9,817	6,244	15,931	7,710	0
313	1975	10	3,845	1,405	9,571	0	9,730	6,797	2,488	445	6,100	0
314	1975	11	5,301	3,332	8,084	0	5,950	5,738	119	93	4,488	0
315	1975	12	3,923	2,912	6,183	0	6,149	3,357	717	2,075	3,773	0
316	1976	1	5,457	1,817	6,427	0	6,149	3,259	1,160	1,729	3,451	0
317	1976	2	5,735	1,059	6,619	0	5,752	4,018	1,734	0	2,162	0
318	1976	3	5,632	1,137	8,167	0	6,149	4,110	2,038	0	1,877	0
319	1976	4	5,543	1,281	4,989	0	12,447	9,200	965	2,283	1,150	0
320	1976	5	2,676	36,088	47	5,910	48,257	7,079	16,225	24,953	2,530	0
321	1976	6	5,729	12,318	8,210	2,647	43,172	11,500	4,521	27,151	7,700	0
322	1976	7	14,220	3,084	7,952	774	34,459	15,914	8,986	9,559	7,290	0
323	1976	8	14,263	3,234	8,305	150	33,938	15,535	9,304	9,099	7,700	0
324	1976	9	12,030	1,969	10,085	582	29,900	14,233	6,244	9,423	7,710	0
325	1976	10	3,699	1,801	8,361	0	8,574	5,933	2,488	153	6,100	0
326	1976	11	5,637	1,546	8,058	0	6,028	5,845	183	0	4,490	0
327	1976	12	5,660	1,472	7,812	0	6,149	5,383	766	0	3,729	0
328	1977	1	7,240	720	6,108	0	6,149	4,992	1,090	66	3,515	0
329	1977	2	6,449	741	5,633	0	5,554	4,334	1,190	30	2,989	0
330	1977	3	5,690	1,435	5,920	0	6,149	3,979	2,130	40	1,780	0
331	1977	4	4,666	2,732	3,113	1,236	12,180	6,381	2,868	2,932	1,150	0
332	1977	5	6,841	1,456	4,546	2,297	24,516	8,953	4,763	10,800	2,530	0
333	1977	6	8,805	862	5,600	969	24,347	13,141	4,647	6,560	7,700	0
334	1977	7	8,375	0	3,329	0	33,317	19,937	8,986	4,394	7,290	0
335	1977	8	8,032	0	7,634	43	35,828	18,675	9,304	7,849	7,700	0
336	1977	9	12,544	0	9,060	206	28,971	14,822	6,244	7,904	7,710	0
337	1977	10	4,258	2,160	6,926	0	10,296	6,654	0	3,642	3,598	0
338	1977	11	5,072	1,442	5,021	0	5,950	5,265	642	43	1,421	0
339	1977	12	7,085	366	6,878	0	6,149	5,346	802	0	1,010	0
340	1978	1	7,506	110	5,085	0	6,123	5,624	443	56	0	0
341	1978	2	6,192	457	4,705	0	5,527	5,089	395	43	0	0
342	1978	3	6,275	1,411	8,231	0	6,692	6,692	0	0	399	0
343	1978	4	7,349	0	4,747	0	8,231	7,287	944	0	1,150	0
344	1978	5	8,619	206	6,475	6,309	34,381	12,762	6,828	14,791	2,530	0
345	1978	6	7,043	41,367	16,069	3,837	31,329	9,607	4,425	17,297	7,700	0
346	1978	7	16,725	28,876	16,006	1,813	40,848	17,484	8,986	14,378	7,290	0
347	1978	8	16,391	16,289	14,809	24	36,562	17,105	9,304	10,153	7,700	0
348	1978	9	10,074	2,461	10,962	550	30,680	12,172	6,244	12,264	7,710	0
349	1978	10	1,488	2,994	9,744	0	8,624	3,709	2,488	2,427	6,100	0
350	1978	11	4,409	2,315	9,050	0	5,950	4,611	547	792	4,118	0
351	1978	12	5,646	2,040	5,659	0	6,149	3,785	1,142	1,221	3,354	0
352	1979	1	6,754	932	5,105	0	6,149	4,655	450	1,043	4,156	0
353	1979	2	5,361	1,329	5,617	0	5,554	3,656	1,682	215	2,354	0
354	1979	3	4,618	2,963	9,051	0	6,149	3,105	2,136	908	1,780	0
355	1979	4	4,657	2,139	4,203	0	15,895	14,931	965	0	1,150	0
356	1979	5	3,640	8,750	4,937	6,304	33,128	7,576	6,785	18,767	2,530	0
357	1979	6	5,857	5,029	10,110	3,600	38,870	10,393	4,423	24,054	7,700	0
358	1979	7	14,668	430	9,493	491	37,504	16,895	8,986	11,623	7,290	0
359	1979	8	15,628	1,416	8,036	820	37,514	17,693	9,304	10,517	7,700	0
360	1979	9	8,902	1,936	10,271	310	28,350	11,976	6,244	10,130	7,710	0

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			29	30	31	32	33	34	35	36	37	38
Table Number:			P-5g	P-6a	P-6b	P-6c	P-6d	P-7a	P-7b	P-7c	P-7d	P-7e
Month Number	Year	Month	Diversions into Salt Lake Aqueduct PRP	Provo River from North Fork to Olmsted Total	Provo River from North Fork to Olmsted CUP	Provo River from North Fork to Olmsted PRP	Provo River from North Fork to Olmsted Non-Project	Provo River from Olmsted to Murdock Total	Provo River from Olmsted to Murdock CUP	Provo River from Olmsted to Murdock PRP	Provo River from Olmsted to Murdock Non-Project	Diversions into Olmsted Aqueduct Total
301	1974	10	6,100	11,583	5,774	2,488	3,321	6,900	768	1,239	4,893	6,377
302	1974	11	4,490	7,427	6,341	48	1,039	4,031	1,632	0	2,400	5,642
303	1974	12	4,077	6,857	4,900	531	1,426	2,827	954	0	1,874	5,830
304	1975	1	4,152	6,708	4,044	453	2,210	2,822	0	0	2,821	5,850
305	1975	2	3,259	6,023	3,292	776	1,954	2,607	0	0	2,607	5,290
306	1975	3	3,693	6,595	4,241	223	2,130	3,001	0	0	3,000	5,817
307	1975	4	1,150	9,565	6,294	965	2,306	4,575	33	480	4,062	8,347
308	1975	5	2,530	36,008	16,330	6,801	12,877	28,240	7,533	5,331	15,376	17,636
309	1975	6	7,700	105,297	3,911	14,767	86,619	100,367	0	12,563	87,805	18,333
310	1975	7	7,290	57,019	9,163	13,108	34,748	42,840	0	8,628	34,212	24,542
311	1975	8	7,700	44,823	18,282	9,304	17,237	26,731	0	7,509	19,222	27,668
312	1975	9	7,710	33,702	9,817	6,244	17,640	22,714	0	3,150	19,564	21,170
313	1975	10	6,100	10,838	6,797	2,488	1,553	5,599	768	1,239	3,592	8,589
314	1975	11	4,488	7,915	5,738	119	2,058	6,644	2,012	0	4,632	4,633
315	1975	12	3,773	7,258	3,357	717	3,185	4,491	0	0	4,491	5,427
316	1976	1	3,451	6,931	3,259	1,160	2,511	3,349	0	0	3,348	5,772
317	1976	2	2,162	6,368	4,018	1,734	616	3,043	1,588	0	1,455	5,429
318	1976	3	1,877	6,612	4,110	2,038	463	3,034	1,930	0	1,104	5,571
319	1976	4	1,150	13,327	9,200	965	3,163	14,059	9,808	480	3,771	2,193
320	1976	5	2,530	51,143	7,079	16,225	27,839	47,268	3,363	14,812	29,093	18,930
321	1976	6	7,700	45,759	11,500	4,521	29,738	37,128	2,870	2,219	32,039	25,716
322	1976	7	7,290	36,397	15,914	8,986	11,497	17,678	0	4,506	13,172	23,523
323	1976	8	7,700	34,937	15,535	9,304	10,098	16,570	0	4,638	11,932	23,087
324	1976	9	7,710	30,716	14,233	6,244	10,239	15,195	0	3,150	12,045	20,856
325	1976	10	6,100	9,176	5,933	2,488	755	4,311	768	1,239	2,304	6,675
326	1976	11	4,490	6,712	5,845	183	684	3,271	1,627	0	1,645	5,286
327	1976	12	3,729	6,792	5,383	766	643	2,572	1,632	0	940	5,869
328	1977	1	3,515	6,616	4,992	1,090	533	2,479	1,538	0	941	5,898
329	1977	2	2,989	5,892	4,334	1,190	368	1,888	1,389	0	500	5,357
330	1977	3	1,780	6,455	3,979	2,130	346	2,083	1,567	0	516	5,858
331	1977	4	1,150	12,399	6,381	2,868	3,150	10,676	3,619	2,404	4,653	3,225
332	1977	5	2,530	25,314	8,953	4,763	11,598	17,507	940	3,407	13,160	14,065
333	1977	6	7,700	25,149	13,141	4,647	7,362	11,545	0	2,219	9,327	18,479
334	1977	7	7,290	34,306	19,937	8,986	5,383	10,891	0	4,506	6,385	25,906
335	1977	8	7,700	36,167	18,675	9,304	8,188	13,951	0	4,638	9,313	25,242
336	1977	9	7,710	29,273	14,822	6,244	8,207	12,361	0	3,150	9,211	19,823
337	1977	10	3,598	10,670	6,654	0	4,016	5,692	768	0	4,923	6,010
338	1977	11	1,421	6,445	5,265	642	538	2,525	1,627	0	897	5,058
339	1977	12	1,010	6,713	5,346	802	564	2,393	1,562	0	830	5,414
340	1978	1	0	6,507	5,624	443	440	2,485	1,751	0	734	5,153
341	1978	2	0	5,907	5,089	395	423	2,568	1,879	0	689	4,713
342	1978	3	399	7,682	6,692	0	990	5,977	3,531	0	2,445	4,514
343	1978	4	1,150	10,837	7,287	944	2,606	7,834	2,696	480	4,658	6,364
344	1978	5	2,530	38,966	12,762	6,828	19,376	31,891	4,455	5,331	22,106	19,670
345	1978	6	7,700	37,994	9,607	4,425	23,962	27,322	0	2,219	25,104	23,316
346	1978	7	7,290	45,149	17,484	8,986	18,679	26,468	0	6,404	20,063	27,668
347	1978	8	7,700	38,879	17,105	9,304	12,470	18,973	0	4,638	14,336	25,517
348	1978	9	7,710	32,004	12,172	6,244	13,588	18,641	0	3,150	15,491	20,832
349	1978	10	6,100	9,018	3,709	2,488	2,821	6,121	768	1,239	4,114	4,874
350	1978	11	4,118	6,250	4,611	547	1,092	2,511	811	0	1,700	5,257
351	1978	12	3,354	6,428	3,785	1,142	1,500	1,591	330	0	1,260	5,950
352	1979	1	4,156	6,553	4,655	450	1,447	2,041	563	0	1,477	5,258
353	1979	2	2,354	5,903	3,656	1,682	564	1,884	1,247	0	637	5,313
354	1979	3	1,780	6,645	3,105	2,136	1,405	2,535	827	0	1,708	5,766
355	1979	4	1,150	16,908	14,931	965	1,013	14,753	12,399	480	1,874	4,325
356	1979	5	2,530	38,076	7,576	6,785	23,715	34,420	3,074	5,331	26,016	18,140
357	1979	6	7,700	43,108	10,393	4,423	28,292	33,351	0	2,488	30,863	26,776
358	1979	7	7,290	39,611	16,895	8,986	13,730	20,056	0	4,506	15,550	26,157
359	1979	8	7,700	38,741	17,693	9,304	11,744	18,358	0	4,638	13,720	26,371
360	1979	9	7,710	29,417	11,976	6,244	11,197	16,446	0	3,150	13,296	19,211

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			39	40	41	42	43	44	45	46	47	48
Table Number:			P-7f	P-7g	P-7h	P-7i	P-8a	P-8b	P-8c	P-8d	P-8e	P-8f
Month Number	Year	Month	Diversions into Olmsted Aqueduct CUP	Diversions into Olmsted Aqueduct Ap 40524	Diversions into Olmsted Aqueduct PRP	Diversions into Olmsted Aqueduct Non-Project	Provo River from Murdock to Interstate15 Total	Provo River from Murdock to Interstate15 CUP	Provo River from Murdock to Interstate15 PRP	Provo River from Murdock to Interstate15 Non-Project	Diversions into Provo Reservoir Canal Total	ULS Water in Provo Reservoir Canal CUP
301	1974	10	5,006	0	1,250	122	10,752	5,717	160	4,874	3,257	2,127
302	1974	11	5,594	885	48	0	8,642	6,094	0	2,548	0	0
303	1974	12	5,299	1,353	531	0	5,535	3,556	0	1,979	0	0
304	1975	1	5,397	1,353	453	0	4,965	2,061	0	2,904	0	0
305	1975	2	4,514	1,222	776	0	4,547	1,871	0	2,676	0	0
306	1975	3	5,594	1,353	223	0	5,118	2,050	0	3,067	0	0
307	1975	4	7,570	1,309	485	292	4,389	463	80	3,846	2,338	1,815
308	1975	5	8,797	0	1,470	7,369	17,294	13,432	160	3,701	6,957	2,685
309	1975	6	4,625	714	2,204	11,503	84,119	594	10,664	72,860	11,179	4,440
310	1975	7	10,516	1,353	4,480	9,547	27,711	1,210	4,762	21,738	12,923	5,040
311	1975	8	18,282	0	1,795	7,591	13,636	3,856	610	9,170	14,876	4,783
312	1975	9	9,817	0	3,094	8,259	12,673	3,877	480	8,315	9,746	3,600
313	1975	10	6,029	0	1,250	1,311	7,828	5,717	160	1,951	3,757	2,127
314	1975	11	4,514	788	119	0	7,098	2,250	0	4,848	0	0
315	1975	12	4,710	1,353	717	0	4,658	0	0	4,658	0	0
316	1976	1	4,612	1,353	1,160	0	4,789	1,324	0	3,465	0	0
317	1976	2	3,695	1,265	1,734	0	4,458	2,911	0	1,547	0	0
318	1976	3	3,533	1,353	2,038	0	5,044	3,871	0	1,173	0	0
319	1976	4	701	1,309	485	1,007	12,487	9,933	80	2,473	2,639	1,815
320	1976	5	5,069	1,353	1,412	12,448	28,512	9,786	9,642	9,084	9,094	2,685
321	1976	6	8,630	0	2,302	14,784	16,347	7,964	320	8,062	12,560	4,440
322	1976	7	15,914	0	4,480	3,129	12,710	3,968	640	8,102	10,223	5,040
323	1976	8	15,535	0	4,667	2,885	12,705	3,856	610	8,239	10,025	4,783
324	1976	9	14,233	0	3,094	3,530	11,732	3,894	480	7,358	7,756	3,600
325	1976	10	5,395	230	1,250	30	6,962	4,398	160	2,404	3,218	2,127
326	1976	11	5,103	885	183	0	4,460	2,716	0	1,745	0	0
327	1976	12	5,103	1,353	766	0	4,926	3,890	0	1,036	0	0
328	1977	1	4,808	1,353	1,090	0	4,698	3,687	0	1,011	0	0
329	1977	2	4,167	1,222	1,190	0	1,939	1,389	0	551	0	0
330	1977	3	3,729	1,317	2,130	0	2,128	1,567	0	561	0	0
331	1977	4	2,762	0	464	0	9,374	4,467	80	4,827	2,215	1,815
332	1977	5	8,013	0	1,357	4,695	12,194	6,584	160	5,450	5,832	2,685
333	1977	6	13,141	0	2,428	2,910	8,630	3,741	320	4,569	7,563	4,440
334	1977	7	19,937	0	4,480	1,490	8,452	3,818	640	3,994	9,533	5,040
335	1977	8	18,675	0	4,667	1,901	11,317	3,856	610	6,851	9,611	4,783
336	1977	9	14,822	0	3,094	1,907	11,133	3,909	480	6,744	7,073	3,600
337	1977	10	5,886	0	0	124	10,304	5,380	0	4,924	2,179	2,127
338	1977	11	4,416	779	642	0	7,061	6,090	0	971	0	0
339	1977	12	4,612	828	802	0	7,087	6,174	0	913	0	0
340	1978	1	4,710	837	443	0	5,486	4,695	0	791	0	0
341	1978	2	4,318	1,107	395	0	4,861	4,115	0	746	0	0
342	1978	3	4,514	1,353	0	0	6,126	3,531	0	2,594	0	0
343	1978	4	5,901	1,309	464	0	7,942	2,821	80	5,041	2,215	1,815
344	1978	5	8,307	0	1,498	9,865	17,316	10,723	160	6,434	8,007	2,685
345	1978	6	9,607	0	2,206	11,503	12,202	4,814	320	7,068	11,179	4,440
346	1978	7	17,484	0	2,582	7,603	12,562	3,902	640	8,020	14,004	5,040
347	1978	8	17,105	0	4,667	3,745	14,096	3,856	610	9,630	10,387	4,783
348	1978	9	12,172	0	3,094	5,566	12,375	3,896	480	7,999	8,612	3,600
349	1978	10	2,941	0	1,250	684	9,135	5,717	160	3,258	3,493	2,127
350	1978	11	4,710	910	547	0	7,024	5,274	0	1,751	0	0
351	1978	12	4,808	1,353	1,142	0	5,665	4,348	0	1,317	0	0
352	1979	1	4,808	716	450	0	5,031	3,496	0	1,535	0	0
353	1979	2	3,631	1,222	1,682	0	4,169	3,480	0	689	0	0
354	1979	3	3,631	1,353	2,136	0	5,067	3,285	0	1,782	0	0
355	1979	4	3,841	1,309	485	0	14,625	12,524	80	2,021	2,215	1,815
356	1979	5	5,855	1,353	1,454	10,831	18,421	9,432	160	8,829	8,413	2,685
357	1979	6	10,393	0	1,936	14,448	11,976	4,035	320	7,621	12,687	4,440
358	1979	7	16,895	0	4,480	4,782	12,421	3,976	640	7,805	10,919	5,040
359	1979	8	17,693	0	4,667	4,011	12,903	3,856	610	8,437	10,498	4,783
360	1979	9	11,976	0	3,094	4,141	12,151	3,888	480	7,782	8,013	3,600

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			49	50	51	52	53	54	55	56	57	58	59
Table Number:			P-8g	P-8h	P-9a	P-9b	P-9c	P-9d	P-9e				
Month Number	Year	Month	Diversions into Provo Reservoir Canal PRP	Diversions into Provo Reservoir Canal Non-Project	Provo River from Interstate 15 to Utah Lake Total	Provo River from Interstate 15 to Utah Lake CUP	Provo River from Interstate 15 to Utah Lake PRP	Provo River from Interstate 15 to Utah Lake Non-Project	PRP Diversion to Provo Bench Canal PRP	June Sucker Releases CUP	June Sucker Releases PRP	June Sucker Releases Non-Project	75-cfs Target Releases Non-Project
301	1974	10	1,079	51	6,074	5,717	0	79	160	0	0	0	-278
302	1974	11	0	0	9,000	6,094	0	2,906	0	0	0	0	0
303	1974	12	0	0	5,164	3,556	0	1,607	0	0	0	0	0
304	1975	1	0	0	4,611	2,061	0	2,551	0	0	0	0	0
305	1975	2	0	0	4,165	1,871	0	2,295	0	0	0	0	0
306	1975	3	0	0	4,611	2,050	0	2,561	0	0	0	0	0
307	1975	4	400	123	4,879	463	0	4,416	80	-463	0	0	0
308	1975	5	1,171	3,101	13,786	13,432	0	0	160	-2,412	-4,000	-922	-353
309	1975	6	1,899	4,841	76,155	594	10,344	64,508	320	0	0	0	-709
310	1975	7	3,866	4,017	18,319	1,210	4,122	12,277	640	0	0	0	-710
311	1975	8	6,899	3,194	4,522	3,856	0	0	610	0	0	0	-666
312	1975	9	2,670	3,475	4,463	3,877	0	0	480	0	0	0	-585
313	1975	10	1,079	552	5,950	5,717	0	90	160	0	0	0	-142
314	1975	11	0	0	8,001	2,250	0	5,751	0	0	0	0	0
315	1975	12	0	0	4,613	0	0	4,613	0	0	0	0	0
316	1976	1	0	0	4,611	1,324	0	3,288	0	0	0	0	0
317	1976	2	0	0	4,165	2,911	0	1,254	0	0	0	0	0
318	1976	3	0	0	4,611	3,871	0	740	0	0	0	0	0
319	1976	4	400	424	12,310	9,933	0	2,377	80	0	0	0	0
320	1976	5	1,171	5,238	20,703	9,786	9,482	753	160	-2,875	-4,000	-1,446	-683
321	1976	6	1,899	6,221	8,717	7,964	0	0	320	0	0	-1,800	-753
322	1976	7	3,866	1,317	4,611	3,968	0	0	640	0	0	-584	-643
323	1976	8	4,028	1,214	4,526	3,856	0	107	610	0	0	0	-562
324	1976	9	2,670	1,485	4,463	3,894	0	59	480	0	0	0	-5[illegible]
325	1976	10	1,079	13	4,611	4,398	0	79	160	0	0	0	-[illegible]
326	1976	11	0	0	4,463	2,716	0	1,747	0	0	0	0	[illegible]
327	1976	12	0	0	4,611	3,890	0	721	0	0	0	0	0
328	1977	1	0	0	4,368	3,687	0	681	0	0	0	0	0
329	1977	2	0	0	1,851	1,389	0	462	0	0	0	0	0
330	1977	3	0	0	1,609	1,567	0	41	0	0	0	0	0
331	1977	4	400	0	4,879	4,467	0	94	80	-2,875	-1,924	0	-318
332	1977	5	1,171	1,976	7,011	6,584	0	0	160	0	-2,076	-666	-427
333	1977	6	1,899	1,225	4,093	3,741	0	0	320	0	0	-447	-351
334	1977	7	3,866	627	4,102	3,818	0	0	640	0	0	-269	-284
335	1977	8	4,028	800	4,380	3,856	0	81	610	0	0	0	-443
336	1977	9	2,670	803	4,463	3,909	0	88	480	0	0	0	-466
337	1977	10	0	52	5,737	5,380	0	79	0	0	0	0	-278
338	1977	11	0	0	6,411	6,090	0	320	0	0	0	0	0
339	1977	12	0	0	6,266	6,174	0	93	0	0	0	0	0
340	1978	1	0	0	4,758	4,695	0	62	0	0	0	0	0
341	1978	2	0	0	4,165	4,115	0	50	0	0	0	0	0
342	1978	3	0	0	5,731	3,531	0	2,199	0	0	0	0	0
343	1978	4	400	0	8,907	2,821	0	6,086	80	0	0	0	0
344	1978	5	1,171	4,151	11,338	10,723	0	0	160	-2,875	-4,000	-1,290	-616
345	1978	6	1,899	4,840	5,572	4,814	0	1	320	0	0	-1,520	-758
346	1978	7	5,764	3,199	4,611	3,902	0	0	640	0	0	-1,086	-710
347	1978	8	4,028	1,576	4,598	3,856	0	94	610	0	0	0	-647
348	1978	9	2,670	2,342	4,463	3,896	0	18	480	0	0	0	-549
349	1978	10	1,079	288	5,995	5,717	0	153	160	0	0	0	-125
350	1978	11	0	0	6,369	5,274	0	1,096	0	0	0	0	0
351	1978	12	0	0	5,803	4,348	0	1,454	0	0	0	0	0
352	1979	1	0	0	4,611	3,496	0	1,116	0	0	0	0	0
353	1979	2	0	0	4,165	3,480	0	685	0	0	0	0	0
354	1979	3	0	0	4,611	3,285	0	1,326	0	0	0	0	0
355	1979	4	400	0	14,989	12,524	0	2,464	80	-1,217	0	0	0
356	1979	5	1,171	4,558	13,189	9,432	0	3,171	160	-1,658	-4,000	-1,381	-5[illegible]
357	1979	6	2,168	6,080	4,768	4,035	0	0	320	0	0	-1,823	-7[illegible]
358	1979	7	3,866	2,012	4,611	3,976	0	0	640	0	0	-757	-63[illegible]
359	1979	8	4,028	1,688	4,487	3,856	0	64	610	0	0	0	-567
360	1979	9	2,670	1,742	4,463	3,888	0	48	480	0	0	0	-526

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:				1	2	3	4	5	6	7	8
Table Number:			P-0	P-1a	P-1b	P-1c	P-1d	P-2a	P-2b	P-2c	P-2d
Month Number	Year	Month	Foreign Water into Jordanelle PRP	Provo River Release from Jordanelle Total	Provo River Release from Jordanelle CUP	Provo River Release from Jordanelle PRP	Provo River Release from Jordanelle Non-Project	Provo River from Timpanogos to River Ditch Total	Provo River from Timpanogos to River Ditch CUP	Provo River from Timpanogos to River Ditch PRP	Provo River from Timpanogos to River Ditch Non-Project
361	1979	10	296	9,775	4,165	1,861	3,749	9,546	3,994	1,861	3,691
362	1979	11	3,088	8,007	5,161	1,342	1,505	8,007	5,161	1,342	1,505
363	1979	12	1,469	8,208	5,419	1,315	1,474	8,208	5,419	1,315	1,474
364	1980	1	438	7,686	6,565	1,121	0	7,686	6,565	1,121	0
365	1980	2	410	7,349	5,482	1,251	616	7,349	5,482	1,251	616
366	1980	3	2,987	8,765	5,448	2,454	863	8,765	5,448	2,454	863
367	1980	4	11,061	7,859	4,814	2,625	421	7,803	4,814	2,625	365
368	1980	5	44,521	17,821	2,700	7,564	7,556	16,568	2,700	7,564	6,303
369	1980	6	28,089	37,071	4,141	20,159	12,771	34,899	3,466	20,159	11,274
370	1980	7	5,512	34,307	12,166	4,019	18,123	31,120	10,314	4,019	16,787
371	1980	8	484	27,183	18,258	1,891	7,035	24,322	16,660	1,891	5,771
372	1980	9	228	19,421	11,323	4,042	4,056	18,328	10,981	4,042	3,305
373	1980	10	504	9,688	4,018	2,140	3,530	9,459	3,847	2,140	3,472
374	1980	11	3,983	9,623	5,255	3,701	667	9,623	5,255	3,701	667
375	1980	12	3,892	9,723	5,419	2,440	1,864	9,723	5,419	2,440	1,864
376	1981	1	3,392	8,389	6,280	1,219	890	8,389	6,280	1,219	890
377	1981	2	3,068	7,365	5,768	1,175	423	7,365	5,768	1,175	423
378	1981	3	3,049	8,046	6,024	1,224	798	8,046	6,024	1,224	798
379	1981	4	12,956	9,930	6,962	396	2,572	9,655	6,962	396	2,297
380	1981	5	21,526	30,198	5,799	12,167	12,232	28,400	5,799	12,167	10,434
381	1981	6	27,563	57,425	7,123	26,765	23,537	54,734	6,191	26,765	21,779
382	1981	7	709	29,264	12,629	5,113	11,522	26,018	11,144	5,113	9,761
383	1981	8	0	24,834	19,266	2,449	3,119	22,047	17,879	2,449	1,718
384	1981	9	329	16,103	12,086	2,471	1,547	14,753	11,509	2,471	773
385	1981	10	1,291	9,860	4,092	1,233	4,534	9,631	3,921	1,233	4,476
386	1981	11	4,733	9,237	3,104	3,106	3,027	9,237	3,104	3,106	3,027
387	1981	12	1,335	9,544	5,326	801	3,417	9,544	5,326	801	3,417
388	1982	1	468	8,175	6,110	535	1,530	8,175	6,110	535	1,530
389	1982	2	422	7,206	5,227	715	1,264	7,206	5,227	715	1,264
390	1982	3	4,643	9,383	5,227	2,119	2,036	9,383	5,227	2,119	2,036
391	1982	4	10,457	7,784	5,340	927	1,517	7,728	5,340	927	1,461
392	1982	5	16,556	49,063	4,572	26,586	17,905	47,803	4,572	26,586	16,645
393	1982	6	19,343	69,427	5,052	33,012	31,363	67,627	4,708	33,012	29,907
394	1982	7	11,466	44,184	11,751	13,870	18,563	40,782	9,896	13,870	17,016
395	1982	8	2,200	27,249	17,610	483	9,156	24,167	16,009	483	7,675
396	1982	9	7,278	21,396	10,066	3,065	8,266	19,858	9,400	3,065	7,393
397	1982	10	12,581	9,328	4,385	1,397	3,545	9,099	4,214	1,397	3,487
398	1982	11	6,032	9,727	5,466	877	3,384	9,727	5,466	877	3,384
399	1982	12	1,237	8,923	5,293	2,300	1,330	8,923	5,293	2,300	1,330
400	1983	1	237	8,561	6,772	915	873	8,561	6,772	915	873
401	1983	2	3,521	14,263	4,764	5,914	3,585	14,263	4,764	5,914	3,585
402	1983	3	4,464	74,042	3,744	25,824	44,474	74,042	3,744	25,824	44,474
403	1983	4	6,398	7,925	651	2,436	4,838	7,869	651	2,436	4,782
404	1983	5	12,733	29,435	3,259	17,162	9,014	28,517	3,259	17,162	8,096
405	1983	6	21,454	96,189	4,845	43,121	48,223	94,596	4,503	43,121	46,971
406	1983	7	6,877	45,733	14,952	16,596	14,186	42,474	13,292	16,596	12,586
407	1983	8	6,980	28,300	18,629	45	9,626	24,563	16,526	45	7,993
408	1983	9	5,240	25,592	9,472	3,956	12,164	24,403	9,110	3,956	11,337
409	1983	10	8,735	9,731	3,875	1,550	4,305	9,502	3,705	1,550	4,247
410	1983	11	6,340	7,919	5,166	993	1,760	7,919	5,166	993	1,760
411	1983	12	6,205	8,427	2,691	3,135	2,602	8,427	2,691	3,135	2,602
412	1984	1	5,397	8,404	5,088	2,598	718	8,404	5,088	2,598	718
413	1984	2	4,387	15,962	3,034	8,227	4,701	15,962	3,034	8,227	4,701
414	1984	3	4,820	26,291	3,713	10,673	11,904	26,291	3,713	10,673	11,904
415	1984	4	10,198	45,681	1,523	17,136	27,021	45,625	1,523	17,136	26,965
416	1984	5	14,660	58,328	4,502	33,850	19,977	57,216	4,502	33,850	18,864
417	1984	6	18,803	75,441	4,834	39,881	30,726	73,698	4,492	39,881	29,325
418	1984	7	12,076	45,540	12,849	13,295	19,396	42,299	11,205	13,295	17,798
419	1984	8	0	25,485	15,894	0	9,590	22,206	14,135	0	8,071
420	1984	9	5,193	23,175	12,402	2,370	8,403	21,500	11,680	2,370	7,450

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			9	10	11	12	13	14	15	16	17	18
Table Number:			P-2e	P-2f	P-2g	P-3a	P-3b			P-3c	P-3d	P-4a
Month Number	Year	Month	Diversions into Timpanogos Canal Total	Diversions into Timpanogos Canal CUP	Diversions into Timpanogos Canal Non-Project	Provo from River Ditch to Snake Creek Total	Provo from River Ditch to Snake Creek CUP	Diversions in Reach CUP	Diversions in Reach VCWEP Mitigatio	Provo from River Ditch to Snake Creek PRP	Provo from River Ditch to Snake Creek Non-Project	Provo River from Snake Creek to Deer Creek Reservoir Total
361	1979	10	229	171	58	7,686	2,961	1,088	1,642	1,861	2,864	13,179
362	1979	11	0	0	0	7,480	5,161	0	420	1,342	978	14,849
363	1979	12	0	0	0	7,686	5,419	0	416	1,315	952	12,898
364	1980	1	0	0	0	7,927	6,565	0	0	1,121	241	18,782
365	1980	2	0	0	0	7,190	5,482	0	127	1,251	457	13,540
366	1980	3	0	0	0	8,608	5,448	0	0	2,454	706	14,988
367	1980	4	56	0	56	7,438	4,814	0	71	2,625	0	15,290
368	1980	5	1,253	0	1,253	10,265	2,700	0	623	7,564	0	22,217
369	1980	6	2,172	675	1,496	23,511	3,351	0	696	20,159	0	32,133
370	1980	7	3,187	1,851	1,336	20,143	9,931	75	258	4,019	6,194	29,588
371	1980	8	2,861	1,597	1,263	15,331	12,970	3,705	258	1,891	470	23,418
372	1980	9	1,093	342	751	11,587	7,078	4,167	254	4,042	467	22,283
373	1980	10	229	171	58	7,686	3,134	741	1,583	2,140	2,412	14,937
374	1980	11	0	0	0	8,956	5,255	0	0	3,701	0	16,530
375	1980	12	0	0	0	8,904	5,419	0	72	2,440	1,045	16,585
376	1981	1	0	0	0	7,686	6,280	0	560	1,219	187	13,298
377	1981	2	0	0	0	6,942	5,768	0	337	1,175	0	12,480
378	1981	3	0	0	0	7,686	6,024	0	287	1,224	438	13,178
379	1981	4	275	0	275	7,438	6,962	0	843	396	80	9,524
380	1981	5	1,798	0	1,798	17,966	5,799	0	1,312	12,167	0	20,226
381	1981	6	2,691	932	1,759	44,238	6,033	0	838	26,765	11,441	49,536
382	1981	7	3,246	1,485	1,761	15,303	10,190	761	258	5,113	0	20,314
383	1981	8	2,787	1,387	1,401	13,946	11,497	6,661	258	2,449	0	20,131
384	1981	9	1,350	577	774	9,685	6,819	4,977	254	2,471	396	17,281
385	1981	10	229	171	58	7,686	2,931	1,042	1,698	1,233	3,522	13,910
386	1981	11	0	0	0	8,536	3,104	0	0	3,106	2,326	15,151
387	1981	12	0	0	0	9,099	5,326	0	354	801	2,972	15,224
388	1982	1	0	0	0	7,686	6,110	0	389	535	1,041	12,846
389	1982	2	0	0	0	6,942	5,227	0	210	715	1,000	12,771
390	1982	3	0	0	0	9,565	5,227	0	0	2,119	2,218	18,698
391	1982	4	56	0	56	7,438	5,340	0	275	927	1,171	15,131
392	1982	5	1,260	0	1,260	39,778	4,572	0	631	26,586	8,620	40,907
393	1982	6	1,800	344	1,456	56,779	4,650	0	699	33,012	19,117	65,276
394	1982	7	3,402	1,856	1,547	28,999	9,580	0	258	13,870	5,549	34,775
395	1982	8	3,082	1,600	1,481	14,881	12,086	3,957	258	483	2,312	25,137
396	1982	9	1,538	666	872	13,781	6,237	3,305	254	3,065	4,479	26,458
397	1982	10	229	171	58	7,686	3,164	1,107	1,307	1,397	3,125	18,204
398	1982	11	0	0	0	9,802	5,466	0	0	877	3,459	22,233
399	1982	12	0	0	0	7,686	5,293	0	0	2,300	93	15,494
400	1983	1	0	0	0	7,688	6,772	0	0	915	0	14,544
401	1983	2	0	0	0	13,825	4,764	0	0	5,914	3,147	18,905
402	1983	3	0	0	0	74,608	3,744	0	0	25,824	45,040	85,171
403	1983	4	56	0	56	8,034	651	0	71	2,436	4,947	17,751
404	1983	5	918	0	918	25,849	3,259	0	200	17,162	5,429	34,527
405	1983	6	1,593	342	1,251	85,221	4,445	0	441	43,121	37,655	88,088
406	1983	7	3,259	1,659	1,600	30,659	12,154	929	258	16,596	1,909	37,270
407	1983	8	3,736	2,103	1,634	14,989	13,886	2,474	258	45	1,059	27,485
408	1983	9	1,189	362	827	18,866	7,091	2,121	254	3,956	7,819	30,921
409	1983	10	229	171	58	7,686	2,931	807	1,628	1,550	3,205	16,481
410	1983	11	0	0	0	7,438	5,166	0	383	993	1,279	15,408
411	1983	12	0	0	0	7,686	2,691	0	108	3,135	1,861	13,755
412	1984	1	0	0	0	7,686	5,088	0	0	2,598	0	13,169
413	1984	2	0	0	0	15,408	3,034	0	0	8,227	4,147	21,002
414	1984	3	0	0	0	26,200	3,713	0	0	10,673	11,813	34,268
415	1984	4	56	0	56	45,539	1,523	0	71	17,136	26,879	54,812
416	1984	5	1,112	0	1,112	51,008	4,502	0	445	33,850	12,657	56,741
417	1984	6	1,743	342	1,401	63,832	4,434	0	663	39,881	19,517	71,254
418	1984	7	3,242	1,643	1,598	30,987	10,817	119	258	13,295	6,876	39,210
419	1984	8	3,279	1,759	1,520	13,571	11,535	2,495	258	0	2,036	25,589
420	1984	9	1,676	722	954	15,699	9,479	2,252	254	2,370	3,850	27,920

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			19	20	21	22	23	24	25	26	27	28
Table Number:			P-4b	P-4c	P-4d		P-5a	P-5b	P-5c	P-5d	P-5e	P-5f
Month Number	Year	Month	Provo River from Snake Creek to Deer Creek Reservoir CUP	Provo River from Snake Creek to Deer Creek Reservoir PRP	Provo River from Snake Creek to Deer Creek Reservoir Non-Project	CUP Return Flow Gains above Deer Creek CUP	Provo River from Outlet of Deer Creek to North Fork Total	Provo River from Outlet of Deer Creek to North Fork CUP	Provo River from Outlet of Deer Creek to North Fork PRP	Provo River from Outlet of Deer Creek to North Fork Non-Project	Diversions into Salt Lake Aqueduct Total	Diversions into Salt Lake Aqueduct CUP
361	1979	10	2,961	1,861	8,357	0	10,115	5,507	2,488	2,120	6,100	0
362	1979	11	5,161	1,342	8,347	0	5,950	5,657	293	0	4,297	0
363	1979	12	5,419	1,315	6,164	0	6,149	5,272	877	0	3,618	0
364	1980	1	6,565	1,121	11,096	0	6,149	4,828	1,321	0	3,284	0
365	1980	2	5,482	1,251	6,806	0	5,752	3,971	1,781	0	2,116	0
366	1980	3	5,448	2,454	7,086	0	6,149	4,144	1,011	994	2,905	0
367	1980	4	4,814	2,625	7,851	0	8,966	6,427	965	1,574	1,150	0
368	1980	5	2,700	7,564	11,952	4,405	46,403	5,959	6,716	33,728	2,530	0
369	1980	6	3,351	20,159	8,622	3,753	51,477	5,975	10,649	34,853	7,700	0
370	1980	7	9,931	4,019	15,638	2,550	37,806	12,758	8,986	16,062	7,290	0
371	1980	8	12,970	1,891	8,558	734	37,168	14,841	9,304	13,023	7,700	0
372	1980	9	7,078	4,042	11,163	1,340	30,511	9,712	6,244	14,555	7,710	0
373	1980	10	3,134	2,140	9,663	0	7,278	4,739	2,488	51	6,100	0
374	1980	11	5,255	3,701	7,574	0	5,950	5,764	186	0	4,444	0
375	1980	12	5,419	2,440	8,726	0	6,149	5,756	392	0	4,103	0
376	1981	1	6,280	1,219	5,799	0	6,149	4,698	1,376	74	3,229	0
377	1981	2	5,768	1,175	5,538	0	5,554	4,131	1,353	70	2,826	0
378	1981	3	6,024	1,224	5,930	0	6,149	4,796	1,260	92	2,655	0
379	1981	4	6,962	396	2,166	731	12,962	9,509	2,889	564	1,150	0
380	1981	5	5,799	12,167	2,259	7,069	31,418	10,725	4,896	15,796	2,530	0
381	1981	6	6,033	26,765	16,739	3,500	39,779	9,017	4,787	25,976	7,700	0
382	1981	7	10,190	5,113	5,011	336	33,465	11,987	8,986	12,493	7,290	0
383	1981	8	11,497	2,449	6,185	263	33,395	13,178	9,304	10,913	7,700	0
384	1981	9	6,819	2,471	7,992	962	27,527	9,521	6,244	11,762	7,710	0
385	1981	10	2,931	1,233	9,746	0	6,998	4,509	2,488	0	6,100	0
386	1981	11	3,104	3,106	8,941	0	5,977	3,593	193	2,192	4,490	0
387	1981	12	5,326	801	9,097	0	6,149	5,651	392	105	4,103	0
388	1982	1	6,110	535	6,201	0	6,149	4,505	1,519	124	3,087	0
389	1982	2	5,227	715	6,828	0	5,554	3,602	1,824	128	2,212	0
390	1982	3	5,227	2,119	11,351	0	6,149	4,183	1,965	0	1,945	0
391	1982	4	5,340	927	8,864	0	10,850	9,879	971	0	1,150	0
392	1982	5	4,572	26,586	9,749	4,689	69,805	6,296	8,768	54,741	2,530	0
393	1982	6	4,650	33,012	27,614	1,555	68,048	8,201	10,539	49,308	7,700	0
394	1982	7	9,580	13,870	11,325	2,262	53,815	14,426	20,634	18,756	7,290	0
395	1982	8	12,086	483	12,567	1,222	37,863	15,042	9,304	13,517	7,700	0
396	1982	9	6,237	3,065	17,156	1,232	26,128	9,913	6,244	9,971	7,710	0
397	1982	10	3,164	1,397	13,643	0	7,150	4,661	2,489	0	6,100	0
398	1982	11	5,466	877	15,889	0	6,037	5,913	125	0	4,490	0
399	1982	12	5,293	2,300	7,901	0	6,149	5,323	826	0	3,812	0
400	1983	1	6,772	915	6,856	0	6,149	4,956	1,193	0	3,413	0
401	1983	2	4,764	5,914	8,227	0	17,148	2,900	3,514	10,735	4,030	0
402	1983	3	3,744	25,824	55,603	0	85,366	2,278	4,454	78,633	3,910	0
403	1983	4	651	2,436	14,664	0	23,205	2,936	6,208	14,060	1,150	0
404	1983	5	3,259	17,162	14,107	715	61,471	4,354	8,687	48,429	2,530	0
405	1983	6	4,445	43,121	40,521	1,634	100,042	8,499	10,419	81,124	7,700	0
406	1983	7	12,154	16,596	8,521	1,777	53,441	17,045	16,290	20,107	7,290	0
407	1983	8	13,886	45	13,555	2,336	34,364	16,615	9,304	8,444	7,700	0
408	1983	9	7,091	3,956	19,874	731	30,701	11,387	6,244	13,069	7,710	0
409	1983	10	2,931	1,550	12,000	0	7,931	5,442	2,488	0	6,100	0
410	1983	11	5,166	993	9,249	0	5,950	5,567	383	0	4,200	0
411	1983	12	2,691	3,135	7,929	0	6,149	2,082	1,004	3,062	3,522	0
412	1984	1	5,088	2,598	5,483	0	11,093	2,572	5,134	3,387	4,600	0
413	1984	2	3,034	8,227	9,741	0	17,122	915	4,378	11,830	3,891	0
414	1984	3	3,713	10,673	19,881	0	30,959	1,885	4,810	24,264	3,910	0
415	1984	4	1,523	17,136	36,152	0	59,979	2,028	11,120	46,831	1,150	0
416	1984	5	4,502	33,850	18,389	2,071	86,906	7,748	8,809	70,349	2,530	0
417	1984	6	4,434	39,881	26,939	3,157	77,964	8,102	10,424	59,438	7,700	0
418	1984	7	10,817	13,295	15,098	1,455	55,194	15,473	24,706	15,015	7,290	0
419	1984	8	11,535	0	14,054	1,663	36,717	16,516	9,304	10,897	7,700	0
420	1984	9	9,479	2,370	16,071	1,265	31,817	13,448	6,244	12,125	7,710	0

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			29	30	31	32	33	34	35	36	37	38
Table Number:			P-5g	P-6a	P-6b	P-6c	P-6d	P-7a	P-7b	P-7c	P-7d	P-7e
Month Number	Year	Month	Diversions into Salt Lake Aqueduct PRP	Provo River from North Fork to Olmsted Total	Provo River from North Fork to Olmsted CUP	Provo River from North Fork to Olmsted PRP	Provo River from North Fork to Olmsted Non-Project	Provo River from Olmsted to Murdock Total	Provo River from Olmsted to Murdock CUP	Provo River from Olmsted to Murdock PRP	Provo River from Olmsted to Murdock Non-Project	Diversions into Olmsted Aqueduct Total
361	1979	10	6,100	10,562	5,507	2,488	2,567	6,423	768	1,239	4,416	6,129
362	1979	11	4,297	6,969	5,657	293	1,019	4,861	2,323	0	2,538	4,415
363	1979	12	3,618	6,630	5,272	877	481	2,876	2,502	0	374	4,999
364	1980	1	3,284	6,826	4,828	1,321	677	3,213	1,667	0	1,546	5,835
365	1980	2	2,116	6,326	3,971	1,781	574	3,001	1,541	0	1,460	5,476
366	1980	3	2,905	7,351	4,144	1,011	2,196	2,697	590	0	2,107	5,918
367	1980	4	1,150	10,946	6,427	965	3,554	7,712	2,424	480	4,808	6,939
368	1980	5	2,530	54,131	5,959	6,716	41,456	53,142	2,296	5,331	45,516	16,944
369	1980	6	7,700	59,283	5,975	10,649	42,659	52,450	0	8,219	44,232	19,780
370	1980	7	7,290	42,537	12,758	8,986	20,793	28,891	1,071	4,506	23,314	25,695
371	1980	8	7,700	39,217	14,841	9,304	15,072	21,937	0	4,638	17,299	25,038
372	1980	9	7,710	32,172	9,712	6,244	16,216	21,992	0	3,150	18,842	14,324
373	1980	10	6,100	8,667	4,739	2,488	1,440	6,242	768	1,239	4,235	6,394
374	1980	11	4,444	7,177	5,764	186	1,227	5,947	2,332	0	3,615	4,406
375	1980	12	4,103	7,061	5,756	392	912	4,480	2,244	0	2,236	4,906
376	1981	1	3,229	6,663	4,698	1,376	588	2,406	1,538	0	868	5,890
377	1981	2	2,826	6,027	4,131	1,353	543	2,548	1,389	0	1,160	5,317
378	1981	3	2,655	6,473	4,796	1,260	416	2,189	1,537	0	651	5,872
379	1981	4	1,150	13,479	9,509	2,889	1,081	7,694	3,619	2,404	1,671	8,043
380	1981	5	2,530	34,015	10,725	4,896	18,393	28,106	3,450	3,407	21,249	17,774
381	1981	6	7,700	42,337	9,017	4,787	28,534	33,539	0	2,582	30,958	26,060
382	1981	7	7,290	35,154	11,987	8,986	14,182	20,236	0	4,506	15,730	21,971
383	1981	8	7,700	34,129	13,178	9,304	11,647	17,844	0	4,638	13,206	21,353
384	1981	9	7,710	28,244	9,521	6,244	12,479	17,295	0	3,150	14,145	17,716
385	1981	10	6,100	7,917	4,509	2,488	919	4,779	1,347	1,239	2,194	5,480
386	1981	11	4,490	6,628	3,593	193	2,843	3,965	63	0	3,902	4,511
387	1981	12	4,103	6,546	5,651	392	502	2,904	2,364	0	540	4,514
388	1982	1	3,087	6,525	4,505	1,519	500	2,090	1,538	0	552	5,641
389	1982	2	2,212	5,954	3,602	1,824	528	2,209	1,389	0	821	5,259
390	1982	3	1,945	7,196	4,183	1,965	1,047	5,068	2,298	0	2,770	5,203
391	1982	4	1,150	12,521	9,879	971	1,671	12,551	9,702	480	2,369	2,643
392	1982	5	2,530	76,021	6,296	8,768	60,957	71,183	411	7,331	63,441	19,712
393	1982	6	7,700	74,203	8,201	10,539	55,463	65,404	752	8,219	56,434	20,649
394	1982	7	7,290	58,587	14,426	20,634	23,528	45,000	2,123	18,023	24,854	27,669
395	1982	8	7,700	40,541	15,042	9,304	16,195	23,557	0	4,638	18,920	27,400
396	1982	9	7,710	27,957	9,913	6,244	11,800	17,939	0	3,150	14,789	19,956
397	1982	10	6,100	9,344	4,661	2,489	2,193	8,798	1,807	1,239	5,753	5,086
398	1982	11	4,490	6,737	5,913	125	700	5,615	2,676	0	2,939	4,247
399	1982	12	3,812	7,694	5,323	826	1,545	5,242	2,494	0	2,748	4,948
400	1983	1	3,413	7,111	4,956	1,193	962	4,655	1,795	0	2,860	5,707
401	1983	2	4,030	18,331	2,900	3,514	11,918	17,699	0	3,514	14,185	4,122
402	1983	3	3,910	86,319	2,278	4,454	79,586	85,761	0	4,453	81,307	3,632
403	1983	4	1,150	24,381	2,936	6,208	15,236	25,210	3,650	5,723	15,836	989
404	1983	5	2,530	63,801	4,354	8,687	50,759	60,187	0	7,331	52,856	8,671
405	1983	6	7,700	112,966	8,499	10,419	94,048	106,510	0	8,219	98,292	23,508
406	1983	7	7,290	61,243	17,045	16,290	27,909	46,974	2,875	14,783	29,316	27,668
407	1983	8	7,700	39,452	16,615	9,304	13,532	24,079	0	7,023	17,056	27,668
408	1983	9	7,710	33,225	11,387	6,244	15,593	21,888	0	3,150	18,738	23,809
409	1983	10	6,100	9,414	5,442	2,488	1,483	6,670	1,346	1,239	4,085	7,614
410	1983	11	4,200	7,524	5,567	383	1,574	7,253	2,919	0	4,334	3,916
411	1983	12	3,522	7,214	2,082	1,004	4,127	6,148	0	0	6,148	4,439
412	1984	1	4,600	12,351	2,572	5,134	4,645	12,410	0	5,134	7,276	3,925
413	1984	2	3,891	18,167	915	4,378	12,875	19,513	0	4,314	15,199	2,243
414	1984	3	3,910	34,188	1,885	4,810	27,493	36,980	0	4,810	32,170	3,238
415	1984	4	1,150	60,872	2,028	11,120	47,724	61,398	1,851	10,656	48,891	1,950
416	1984	5	2,530	93,129	7,748	8,809	76,572	89,959	2,462	7,331	80,166	14,436
417	1984	6	7,700	87,339	8,102	10,424	68,813	80,236	0	8,219	72,018	23,115
418	1984	7	7,290	60,407	15,473	24,706	20,228	47,421	2,875	22,169	22,377	27,668
419	1984	8	7,700	40,171	16,516	9,304	14,351	25,013	0	6,863	18,150	27,668
420	1984	9	7,710	33,990	13,448	6,244	14,298	21,130	0	3,150	17,980	25,774

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			39	40	41	42	43	44	45	46	47	48
Table Number:			P-7f	P-7g	P-7h	P-7i	P-8a	P-8b	P-8c	P-8d	P-8e	P-8f
Month Number	Year	Month	Diversions into Olmsted Aqueduct CUP	Diversions into Olmsted Aqueduct Ap 40524	Diversions into Olmsted Aqueduct PRP	Diversions into Olmsted Aqueduct Non-Project	Provo River from Murdock to Interstate15 Total	Provo River from Murdock to Interstate15 CUP	Provo River from Murdock to Interstate15 PRP	Provo River from Murdock to Interstate15 Non-Project	Diversions into Provo Reservoir Canal Total	ULS Water in Provo Reservoir Canal CUP
361	1979	10	4,739	0	1,250	140	10,288	5,717	160	4,411	3,265	2,127
362	1979	11	4,122	788	293	0	9,130	6,447	0	2,683	0	0
363	1979	12	4,122	1,353	877	0	6,578	6,133	0	445	0	0
364	1980	1	4,514	1,353	1,321	0	4,678	3,030	0	1,648	0	0
365	1980	2	3,695	1,265	1,781	0	4,095	2,549	0	1,546	0	0
366	1980	3	4,907	1,353	1,011	0	4,646	2,375	0	2,271	0	0
367	1980	4	5,313	1,309	485	1,141	6,119	2,549	80	3,490	2,695	1,815
368	1980	5	5,016	1,353	1,385	10,543	35,096	3,078	160	31,858	8,292	2,685
369	1980	6	7,151	1,176	2,430	10,199	38,131	594	6,320	31,217	10,630	4,440
370	1980	7	11,687	0	4,480	9,528	12,727	3,906	640	8,181	12,916	5,040
371	1980	8	14,841	0	4,667	5,531	14,484	3,856	610	10,018	11,138	4,783
372	1980	9	9,712	0	3,094	1,518	18,270	836	480	16,955	6,909	3,600
373	1980	10	3,971	0	1,250	1,174	8,730	5,717	160	2,852	3,699	2,127
374	1980	11	4,220	788	186	0	6,873	3,083	0	3,790	0	0
375	1980	12	4,514	1,002	392	0	4,616	2,244	0	2,372	0	0
376	1981	1	4,514	1,353	1,376	0	4,877	3,932	0	945	0	0
377	1981	2	3,964	1,222	1,353	0	4,389	3,158	0	1,231	0	0
378	1981	3	4,612	1,353	1,260	0	4,927	4,227	0	700	0	0
379	1981	4	7,079	1,189	485	479	5,939	4,780	80	1,079	2,417	1,815
380	1981	5	7,276	0	1,490	9,009	16,463	9,626	160	6,677	7,647	2,685
381	1981	6	9,017	0	2,205	14,838	11,247	3,707	683	6,857	12,583	4,440
382	1981	7	11,987	0	4,480	5,504	11,442	4,034	640	6,768	11,222	5,040
383	1981	8	13,178	0	4,667	3,509	13,040	3,856	610	8,574	10,287	4,783
384	1981	9	9,521	0	3,094	5,101	11,627	3,942	480	7,205	8,417	3,600
385	1981	10	3,971	808	1,250	259	8,463	6,296	160	2,007	3,315	2,127
386	1981	11	4,318	788	193	0	4,991	992	0	3,998	0	0
387	1981	12	4,122	835	392	0	5,070	4,471	0	599	0	0
388	1982	1	4,122	1,154	1,519	0	5,107	4,498	0	609	0	0
389	1982	2	3,435	1,222	1,824	0	4,527	3,647	0	881	0	0
390	1982	3	3,238	1,353	1,965	0	5,223	2,298	0	2,925	0	0
391	1982	4	1,486	1,309	491	666	11,588	9,827	80	1,681	2,495	1,815
392	1982	5	7,178	1,293	1,437	11,098	55,711	778	6,160	48,773	8,526	2,685
393	1982	6	8,625	1,176	2,321	9,703	51,565	1,346	6,320	43,899	10,422	4,440
394	1982	7	13,656	1,353	2,610	11,402	21,261	3,333	8,288	9,640	15,574	5,040
395	1982	8	15,042	0	4,667	7,691	13,109	3,856	610	8,643	12,047	4,783
396	1982	9	9,913	0	3,094	6,949	9,859	4,023	480	5,356	9,194	3,600
397	1982	10	3,662	808	1,250	174	8,251	2,144	160	5,947	3,279	2,127
398	1982	11	4,122	885	125	0	5,720	2,676	0	3,044	0	0
399	1982	12	4,122	1,293	826	0	5,458	2,494	0	2,964	0	0
400	1983	1	4,514	1,353	1,193	0	4,798	1,795	0	3,003	0	0
401	1983	2	4,122	1,222	0	0	17,812	0	3,514	14,298	0	0
402	1983	3	3,631	1,353	1	0	85,904	0	4,453	81,450	0	0
403	1983	4	504	1,218	485	0	25,101	3,776	5,323	16,002	2,215	1,815
404	1983	5	5,707	1,353	1,357	1,607	57,539	366	6,160	51,013	4,532	2,685
405	1983	6	9,809	1,309	2,200	11,499	91,035	594	6,320	84,121	11,178	4,440
406	1983	7	15,522	1,353	1,507	10,639	23,455	4,085	3,924	15,446	16,375	5,040
407	1983	8	16,615	0	2,281	8,772	7,428	1,261	610	5,557	14,887	4,783
408	1983	9	11,388	0	3,094	9,327	7,449	836	480	6,133	10,195	3,600
409	1983	10	4,904	808	1,250	1,460	4,130	1,684	160	2,286	3,820	2,127
410	1983	11	3,533	885	383	0	7,478	2,919	0	4,559	0	0
411	1983	12	3,435	1,353	1,004	0	6,308	0	0	6,308	0	0
412	1984	1	3,925	1,353	0	0	12,599	0	5,134	7,465	0	0
413	1984	2	2,180	1,265	64	0	19,631	0	4,314	15,317	0	0
414	1984	3	3,238	1,353	0	0	37,182	0	4,810	32,372	0	0
415	1984	4	1,486	1,309	464	0	61,258	1,977	10,256	49,026	2,215	1,815
416	1984	5	6,639	1,353	1,479	6,319	81,317	2,828	6,160	72,329	6,515	2,685
417	1984	6	9,411	1,309	2,205	11,498	64,216	594	6,320	57,302	11,177	4,440
418	1984	7	13,951	1,353	2,537	11,181	23,946	4,085	12,360	7,501	15,554	5,040
419	1984	8	16,516	0	2,441	8,711	8,359	1,261	610	6,488	14,702	4,783
420	1984	9	13,448	0	3,094	9,232	6,664	836	480	5,349	10,155	3,600

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			49	50	51	52	53	54	55	56	57	58	59
Table Number:			P-8g	P-8h	P-9a	P-9b	P-9c	P-9d	P-9e				
Month Number	Year	Month	Diversions into Provo Reservoir Canal PRP	Diversions into Provo Reservoir Canal Non-Project	Provo River from Interstate 15 to Utah Lake Total	Provo River from Interstate 15 to Utah Lake CUP	Provo River from Interstate 15 to Utah Lake PRP	Provo River from Interstate 15 to Utah Lake Non-Project	PRP Diversion to Provo Bench Canal PRP	June Sucker Releases CUP	June Sucker Releases PRP	June Sucker Releases Non-Project	75-cfs Target Releases Non-Project
361	1979	10	1,079	59	6,089	5,717	0	82	160	0	0	0	-290
362	1979	11	0	0	9,630	6,447	0	3,183	0	0	0	0	0
363	1979	12	0	0	6,311	6,133	0	178	0	0	0	0	0
364	1980	1	0	0	4,611	3,030	0	1,581	0	0	0	0	0
365	1980	2	0	0	4,165	2,549	0	1,616	0	0	0	0	0
366	1980	3	0	0	4,611	2,375	0	2,236	0	0	0	0	0
367	1980	4	400	480	5,301	2,549	0	2,710	80	-2,170	0	0	-43
368	1980	5	1,171	4,436	31,504	3,078	0	27,910	160	-705	-4,000	0	-516
369	1980	6	1,899	4,292	29,966	594	6,000	22,659	320	0	0	0	-713
370	1980	7	3,866	4,010	4,611	3,906	0	7	640	0	0	-1,286	-698
371	1980	8	4,028	2,327	4,563	3,856	0	51	610	0	0	0	-657
372	1980	9	2,670	639	17,718	836	0	16,817	480	0	0	0	-65
373	1980	10	1,079	494	5,968	5,717	0	34	160	0	0	0	-216
374	1980	11	0	0	7,509	3,083	0	4,426	0	0	0	0	0
375	1980	12	0	0	4,890	2,244	0	2,646	0	0	0	0	0
376	1981	1	0	0	4,611	3,932	0	680	0	0	0	0	0
377	1981	2	0	0	4,165	3,158	0	1,007	0	0	0	0	0
378	1981	3	0	0	4,611	4,227	0	385	0	0	0	0	0
379	1981	4	400	202	4,879	4,780	0	87	80	-2,875	-1,924	0	-12
380	1981	5	1,171	3,791	10,241	9,626	0	0	160	0	-2,076	-1,198	-615
381	1981	6	1,899	6,244	4,768	3,707	363	16	320	0	0	-1,845	-682
382	1981	7	3,866	2,316	4,611	4,034	0	0	640	0	0	-811	-578
383	1981	8	4,028	1,476	4,519	3,856	0	81	610	0	0	0	-582
384	1981	9	2,670	2,147	4,463	3,942	0	17	480	0	0	0	-5[illegible]
385	1981	10	1,079	109	7,581	6,296	0	1,188	160	0	0	0	[illegible]
386	1981	11	0	0	5,021	992	0	4,029	0	0	0	0	[illegible]
387	1981	12	0	0	4,611	4,471	0	141	0	0	0	0	0
388	1982	1	0	0	4,611	4,498	0	114	0	0	0	0	0
389	1982	2	0	0	4,165	3,647	0	519	0	0	0	0	0
390	1982	3	0	0	5,045	2,298	0	2,747	0	0	0	0	0
391	1982	4	400	280	11,809	9,827	0	1,981	80	0	0	0	0
392	1982	5	1,171	4,670	51,240	778	6,000	44,062	160	0	0	0	-401
393	1982	6	1,899	4,083	43,084	1,346	6,000	34,985	320	-752	0	0	-753
394	1982	7	5,736	4,798	13,146	3,333	7,648	1,478	640	-2,123	-4,000	0	-687
395	1982	8	4,028	3,236	4,495	3,856	0	0	610	0	0	0	-639
396	1982	9	2,670	2,924	4,463	4,023	0	0	480	0	0	0	-440
397	1982	10	1,079	73	6,771	2,144	0	4,340	160	0	0	0	-287
398	1982	11	0	0	5,329	2,676	0	2,653	0	0	0	0	0
399	1982	12	0	0	5,670	2,494	0	3,177	0	0	0	0	0
400	1983	1	0	0	4,880	1,795	0	3,086	0	0	0	0	0
401	1983	2	0	0	17,526	0	3,514	14,012	0	0	0	0	0
402	1983	3	0	0	85,541	0	4,453	81,088	0	0	0	0	0
403	1983	4	400	0	24,484	3,776	5,243	15,463	80	0	0	0	-2
404	1983	5	1,171	676	53,507	366	6,000	46,970	160	0	0	0	-171
405	1983	6	1,899	4,839	87,446	594	6,000	80,184	320	0	0	0	-668
406	1983	7	6,858	4,477	16,560	4,085	3,284	8,516	640	-2,875	-4,000	0	-675
407	1983	8	6,413	3,691	1,814	1,261	0	0	610	0	0	0	-553
408	1983	9	2,670	3,925	1,354	836	0	0	480	0	0	0	-518
409	1983	10	1,079	615	3,387	1,684	0	1,626	160	0	0	0	-78
410	1983	11	0	0	8,411	2,919	0	5,492	0	0	0	0	0
411	1983	12	0	0	6,554	0	0	6,554	0	0	0	0	0
412	1984	1	0	0	12,962	0	5,134	7,828	0	0	0	0	0
413	1984	2	0	0	19,490	0	4,314	15,176	0	0	0	0	0
414	1984	3	0	0	37,237	0	4,810	32,427	0	0	0	0	0
415	1984	4	400	0	60,636	1,977	10,176	48,483	80	0	0	0	0
416	1984	5	1,171	2,659	76,389	2,828	6,000	67,066	160	0	0	0	-4[illegible]
417	1984	6	1,899	4,838	60,464	594	6,000	53,282	320	0	0	0	-5[illegible]
418	1984	7	5,809	4,705	17,501	4,085	11,720	1,078	640	-2,875	-4,000	0	-6[illegible]
419	1984	8	6,253	3,666	1,806	1,261	0	0	610	0	0	0	-546
420	1984	9	2,670	3,885	1,275	836	0	0	480	0	0	0	-439

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:				1	2	3	4	5	6	7	8
Table Number:			P-0	P-1a	P-1b	P-1c	P-1d	P-2a	P-2b	P-2c	P-2d
Month Number	Year	Month	Foreign Water into Jordanelle PRP	Provo River Release from Jordanelle Total	Provo River Release from Jordanelle CUP	Provo River Release from Jordanelle PRP	Provo River Release from Jordanelle Non-Project	Provo River from Timpanogos to River Ditch Total	Provo River from Timpanogos to River Ditch CUP	Provo River from Timpanogos to River Ditch PRP	Provo River from Timpanogos to River Ditch Non-Project
421	1984	10	7,465	8,715	3,518	1,330	3,867	8,486	3,347	1,330	3,809
422	1984	11	6,580	8,230	5,165	884	2,181	8,230	5,165	884	2,181
423	1984	12	5,060	8,198	5,806	853	1,539	8,198	5,806	853	1,539
424	1985	1	4,752	8,227	6,956	730	541	8,227	6,956	730	541
425	1985	2	3,694	7,278	4,840	2,102	336	7,278	4,840	2,102	336
426	1985	3	4,387	7,686	3,716	3,447	523	7,686	3,716	3,447	523
427	1985	4	6,013	33,430	1,697	17,713	14,020	33,349	1,697	17,713	13,938
428	1985	5	21,120	79,223	5,288	34,231	39,704	77,881	5,288	34,231	38,362
429	1985	6	14,152	38,720	6,339	20,691	11,690	36,878	5,977	20,691	10,210
430	1985	7	3,972	35,086	18,777	27	16,282	31,658	17,022	27	14,609
431	1985	8	1,712	32,343	21,115	1,119	10,109	29,122	19,455	1,119	8,549
432	1985	9	605	22,079	12,884	1,866	7,329	20,501	12,196	1,866	6,438
433	1985	10	7,163	9,350	4,112	1,413	3,825	9,121	3,941	1,413	3,767
434	1985	11	6,132	9,664	3,024	5,115	1,525	9,664	3,024	5,115	1,525
435	1985	12	6,069	8,630	5,424	1,039	2,167	8,630	5,424	1,039	2,167
436	1986	1	4,483	8,409	6,879	807	723	8,409	6,879	807	723
437	1986	2	5,243	6,942	6,916	26	0	6,942	6,916	26	0
438	1986	3	11,487	69,222	4,667	30,883	33,672	69,222	4,667	30,883	33,672
439	1986	4	8,889	24,001	2,822	13,756	7,424	23,945	2,822	13,756	7,368
440	1986	5	19,852	56,201	6,249	30,829	19,122	55,067	6,249	30,829	17,989
441	1986	6	21,013	97,643	6,434	48,278	42,931	95,890	6,092	48,278	41,520
442	1986	7	15,410	46,995	17,209	12,637	17,148	43,708	15,314	12,637	15,757
443	1986	8	663	21,436	12,618	0	8,818	18,208	10,806	0	7,402
444	1986	9	3,065	15,110	9,479	0	5,631	13,934	9,062	0	4,872
445	1986	10	7,378	8,657	3,879	2,601	2,177	8,428	3,708	2,601	2,119
446	1986	11	5,894	8,516	5,664	1,712	1,140	8,516	5,664	1,712	1,140
447	1986	12	4,769	8,601	5,441	1,633	1,526	8,601	5,441	1,633	1,526
448	1987	1	4,946	9,223	7,016	1,453	754	9,223	7,016	1,453	754
449	1987	2	4,010	7,774	4,606	2,736	432	7,774	4,606	2,736	432
450	1987	3	4,773	13,891	3,975	5,338	4,577	13,891	3,975	5,338	4,577
451	1987	4	14,110	30,406	4,294	19,437	6,675	29,927	4,294	19,437	6,196
452	1987	5	28,027	61,402	2,787	42,727	15,888	59,418	2,787	42,727	13,904
453	1987	6	13,736	20,732	6,758	3,216	10,758	18,077	5,917	3,216	8,944
454	1987	7	2,007	33,264	14,518	4,110	14,636	29,946	12,921	4,110	12,915
455	1987	8	282	38,783	26,356	5,693	6,734	35,940	24,932	5,693	5,315
456	1987	9	0	29,050	17,187	5,965	5,898	27,659	16,583	5,965	5,111
457	1987	10	372	9,454	3,532	2,464	3,459	9,225	3,361	2,464	3,401
458	1987	11	3,276	8,217	5,098	1,496	1,623	8,217	5,098	1,496	1,623
459	1987	12	2,109	8,096	5,379	1,441	1,276	8,096	5,379	1,441	1,276
460	1988	1	346	8,216	7,135	344	737	8,216	7,135	344	737
461	1988	2	348	7,435	5,371	1,137	928	7,435	5,371	1,137	928
462	1988	3	372	7,724	5,250	1,522	952	7,724	5,250	1,522	952
463	1988	4	9,089	12,971	7,230	128	5,613	12,416	7,230	128	5,058
464	1988	5	19,253	27,876	9,303	4,335	14,237	26,103	9,303	4,335	12,464
465	1988	6	8,587	27,635	4,562	12,466	10,607	25,362	4,006	12,466	8,891
466	1988	7	1,233	20,019	10,716	0	9,302	17,400	9,493	0	7,908
467	1988	8	393	22,340	20,111	0	2,229	20,002	18,933	0	1,069
468	1988	9	223	14,104	10,691	817	2,596	12,992	10,230	817	1,945
469	1988	10	432	10,210	3,398	4,038	2,774	9,981	3,227	4,038	2,716
470	1988	11	3,382	8,470	5,403	1,461	1,606	8,470	5,403	1,461	1,606
471	1988	12	1,841	8,477	5,717	1,422	1,338	8,477	5,717	1,422	1,338
472	1989	1	536	8,571	7,551	325	694	8,571	7,551	325	694
473	1989	2	512	7,545	7,038	161	347	7,545	7,038	161	347
474	1989	3	439	8,648	6,811	1,148	689	8,648	6,811	1,148	689
475	1989	4	8,857	14,994	6,055	0	8,939	14,425	6,055	0	8,370
476	1989	5	30,615	33,542	7,808	10,927	14,807	31,239	7,517	10,927	12,794
477	1989	6	19,482	47,183	11,823	21,124	14,235	44,589	10,912	21,124	12,554
478	1989	7	311	39,903	17,399	10,541	11,963	36,934	15,981	10,541	10,413
479	1989	8	192	27,780	23,974	810	2,997	25,150	22,668	810	1,672
480	1989	9	77	15,849	13,214	684	1,951	14,539	12,674	684	1,181

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			9	10	11	12	13	14	15	16	17	18
Table Number:			P-2e	P-2f	P-2g	P-3a	P-3b			P-3c	P-3d	P-4a
Month Number	Year	Month	Diversions into Timpanogos Canal Total	Diversions into Timpanogos Canal CUP	Diversions into Timpanogos Canal Non-Project	Provo from River Ditch to Snake Creek Total	Provo from River Ditch to Snake Creek CUP	Diversions in Reach CUP	Diversions in Reach VCWEP Mitigatio	Provo from River Ditch to Snake Creek PRP	Provo from River Ditch to Snake Creek Non-Project	Provo River from Snake Creek to Deer Creek Reservoir Total
421	1984	10	229	171	58	7,686	2,770	594	820	1,330	3,586	19,434
422	1984	11	0	0	0	7,438	5,165	0	631	884	1,389	15,928
423	1984	12	0	0	0	7,686	5,806	0	408	853	1,027	15,917
424	1985	1	0	0	0	7,686	6,956	0	431	730	0	14,966
425	1985	2	0	0	0	6,942	4,840	0	0	2,102	0	13,222
426	1985	3	0	0	0	8,031	3,716	0	0	3,447	868	18,743
427	1985	4	81	0	81	32,951	1,697	0	71	17,713	13,541	43,105
428	1985	5	1,342	0	1,342	69,620	5,288	0	736	34,231	30,101	75,189
429	1985	6	1,843	362	1,480	26,606	5,915	0	727	20,691	0	33,204
430	1985	7	3,428	1,756	1,673	20,789	16,061	717	258	27	4,701	29,258
431	1985	8	3,221	1,661	1,560	20,087	15,118	4,393	258	1,119	3,849	29,448
432	1985	9	1,578	687	891	14,362	8,196	4,208	254	1,866	4,299	24,664
433	1985	10	229	171	58	7,686	2,931	1,063	1,325	1,413	3,342	17,714
434	1985	11	0	0	0	9,456	3,024	0	0	5,115	1,317	19,374
435	1985	12	0	0	0	7,686	5,424	0	752	1,039	1,223	14,165
436	1986	1	0	0	0	7,686	6,879	0	576	807	0	13,101
437	1986	2	0	0	0	7,753	6,916	0	0	26	811	21,011
438	1986	3	0	0	0	69,281	4,667	0	0	30,883	33,731	78,898
439	1986	4	56	0	56	23,895	2,822	0	71	13,756	7,318	34,190
440	1986	5	1,134	0	1,134	50,025	6,249	0	472	30,829	12,946	66,629
441	1986	6	1,753	342	1,411	85,691	6,034	0	739	48,278	31,379	91,240
442	1986	7	3,286	1,895	1,391	32,980	14,531	499	258	12,637	5,811	40,607
443	1986	8	3,228	1,812	1,416	9,906	8,470	2,197	1,551	0	1,436	20,786
444	1986	9	1,176	417	759	8,496	7,438	1,683	1,719	0	1,057	20,845
445	1986	10	229	171	58	7,686	2,931	810	773	2,601	2,154	20,199
446	1986	11	0	0	0	7,438	5,664	0	858	1,712	62	14,743
447	1986	12	0	0	0	7,686	5,441	0	729	1,633	611	13,969
448	1987	1	0	0	0	8,469	7,016	0	600	1,453	0	15,662
449	1987	2	0	0	0	7,342	4,606	0	344	2,736	0	13,024
450	1987	3	0	0	0	13,474	3,975	0	0	5,338	4,160	19,199
451	1987	4	478	0	478	25,872	4,294	0	424	19,437	2,141	30,561
452	1987	5	1,984	0	1,984	47,360	2,787	0	1,546	42,727	1,846	48,700
453	1987	6	2,655	841	1,814	8,990	5,774	0	2,770	3,216	0	17,616
454	1987	7	3,318	1,597	1,721	19,270	11,136	1,640	258	4,110	4,024	26,205
455	1987	8	2,843	1,424	1,419	27,650	18,416	6,799	258	5,693	3,541	36,685
456	1987	9	1,391	604	787	22,594	12,789	4,001	254	5,965	3,840	30,959
457	1987	10	229	171	58	7,686	2,441	965	1,372	2,464	2,781	13,198
458	1987	11	0	0	0	7,438	5,098	0	620	1,496	844	15,435
459	1987	12	0	0	0	7,686	5,379	0	326	1,441	866	14,896
460	1988	1	0	0	0	7,686	7,135	0	422	344	207	13,810
461	1988	2	0	0	0	7,190	5,371	0	195	1,137	683	13,637
462	1988	3	0	0	0	7,686	5,250	0	30	1,522	914	14,916
463	1988	4	555	0	555	7,438	7,230	0	1,425	128	80	12,022
464	1988	5	1,773	0	1,773	15,759	9,303	0	1,280	4,335	2,120	18,196
465	1988	6	2,273	556	1,717	16,523	3,826	93	842	12,466	231	24,378
466	1988	7	2,618	1,224	1,395	7,729	7,729	1,686	1,967	0	0	11,554
467	1988	8	2,338	1,178	1,160	12,899	12,743	6,491	258	0	156	20,305
468	1988	9	1,112	461	650	8,998	6,215	4,266	918	817	1,965	14,474
469	1988	10	229	171	58	8,644	2,459	801	73	4,038	2,147	14,596
470	1988	11	0	0	0	7,742	5,403	0	580	1,461	878	12,183
471	1988	12	0	0	0	7,993	5,717	0	385	1,422	854	13,665
472	1989	1	0	0	0	8,072	7,551	0	397	325	195	13,260
473	1989	2	0	0	0	7,295	7,038	0	199	161	97	13,013
474	1989	3	0	0	0	8,751	6,811	0	0	1,148	792	16,731
475	1989	4	568	0	568	9,106	6,055	0	538	0	3,051	10,352
476	1989	5	2,303	291	2,013	19,582	7,468	0	1,535	10,927	1,187	25,579
477	1989	6	2,593	912	1,682	34,168	10,697	65	891	21,124	2,347	42,520
478	1989	7	2,968	1,418	1,550	26,341	15,231	552	258	10,541	569	31,737
479	1989	8	2,631	1,306	1,325	17,075	15,579	7,442	258	810	686	23,828
480	1989	9	1,310	539	770	10,177	8,280	4,662	254	684	1,213	17,474

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			19	20	21	22	23	24	25	26	27	28
Table Number:			P-4b	P-4c	P-4d		P-5a	P-5b	P-5c	P-5d	P-5e	P-5f
Month Number	Year	Month	Provo River from Snake Creek to Deer Creek Reservoir CUP	Provo River from Snake Creek to Deer Creek Reservoir PRP	Provo River from Snake Creek to Deer Creek Reservoir Non-Project	CUP Return Flow Gains above Deer Creek CUP	Provo River from Outlet of Deer Creek to North Fork Total	Provo River from Outlet of Deer Creek to North Fork CUP	Provo River from Outlet of Deer Creek to North Fork PRP	Provo River from Outlet of Deer Creek to North Fork Non-Project	Diversions into Salt Lake Aqueduct Total	Diversions into Salt Lake Aqueduct CUP
421	1984	10	2,770	1,330	15,333	0	8,256	5,563	2,488	204	6,100	0
422	1984	11	5,165	884	9,878	0	5,950	5,566	384	0	4,200	0
423	1984	12	5,806	853	9,257	0	6,149	4,743	1,406	0	3,124	0
424	1985	1	6,956	730	7,280	0	6,149	4,980	1,168	0	3,474	0
425	1985	2	4,840	2,102	6,280	0	9,435	5,289	5	4,141	4,174	0
426	1985	3	3,716	3,447	11,580	0	16,374	2,082	3,821	10,471	3,910	0
427	1985	4	1,697	17,713	23,694	0	51,698	2,257	6,970	42,471	1,150	0
428	1985	5	5,288	34,231	35,670	0	79,742	9,291	8,714	61,736	2,530	0
429	1985	6	5,915	20,691	6,597	1,769	44,862	12,830	9,503	22,529	7,700	0
430	1985	7	16,061	27	13,170	466	41,244	18,645	8,986	13,613	7,290	0
431	1985	8	15,118	1,119	13,211	684	36,838	17,383	9,304	10,151	7,700	0
432	1985	9	8,196	1,866	14,601	1,423	27,764	11,666	6,244	9,854	7,710	0
433	1985	10	2,931	1,413	13,370	0	7,561	5,073	2,488	0	6,100	0
434	1985	11	3,024	5,115	11,235	0	5,966	3,138	297	2,532	4,490	0
435	1985	12	5,424	1,039	7,703	0	6,149	5,471	678	0	3,812	0
436	1986	1	6,879	807	5,415	0	6,149	5,088	1,061	0	3,539	0
437	1986	2	6,916	26	14,068	0	10,906	6,058	0	4,847	4,030	0
438	1986	3	4,667	30,883	43,348	0	93,204	3,161	10,656	79,387	3,910	0
439	1986	4	2,822	13,756	17,613	0	45,978	3,657	6,944	35,377	1,150	0
440	1986	5	6,249	30,829	29,551	3,040	82,548	9,344	8,690	64,513	2,530	0
441	1986	6	6,034	48,278	36,928	1,573	105,033	9,417	10,421	85,195	7,700	0
442	1986	7	14,531	12,637	13,438	2,547	61,808	19,694	24,354	17,760	7,290	0
443	1986	8	8,470	0	12,315	2,268	35,629	15,829	9,304	10,495	7,700	0
444	1986	9	7,438	0	13,407	1,881	28,811	10,307	6,244	12,260	7,710	0
445	1986	10	2,931	2,601	14,666	0	7,182	4,694	2,488	0	6,100	0
446	1986	11	5,664	1,712	7,367	0	6,267	6,132	136	0	4,490	0
447	1986	12	5,441	1,633	6,894	0	6,149	5,587	561	0	3,934	0
448	1987	1	7,016	1,453	7,193	0	6,149	5,336	813	0	3,792	0
449	1987	2	4,606	2,736	5,682	0	17,267	5,015	3,254	8,998	4,030	0
450	1987	3	3,975	5,338	9,886	0	14,559	2,376	3,936	8,247	3,910	0
451	1987	4	4,294	19,437	6,830	0	30,104	5,155	11,763	13,186	1,150	0
452	1987	5	2,787	42,727	3,186	0	57,197	7,325	20,296	29,575	2,530	0
453	1987	6	5,774	3,216	8,625	2,509	32,267	12,215	6,114	13,939	7,700	0
454	1987	7	11,136	4,110	10,959	923	37,765	14,344	11,413	12,008	7,290	0
455	1987	8	18,416	5,693	12,576	510	43,706	20,733	9,304	13,669	7,700	0
456	1987	9	12,789	5,965	12,205	748	33,506	16,388	6,244	10,875	7,710	0
457	1987	10	2,441	2,464	8,293	0	8,060	4,093	2,488	1,479	6,100	0
458	1987	11	5,098	1,496	8,841	0	5,950	5,587	363	0	4,297	0
459	1987	12	5,379	1,441	8,075	0	6,149	5,711	392	45	4,103	0
460	1988	1	7,135	344	6,330	0	6,149	5,377	753	18	3,853	0
461	1988	2	5,371	1,137	7,130	0	5,752	3,845	629	1,278	3,267	0
462	1988	3	5,250	1,522	8,144	0	6,149	3,822	755	1,571	3,160	0
463	1988	4	7,230	128	4,664	4,242	19,806	8,875	2,889	8,043	1,150	0
464	1988	5	9,303	4,335	4,557	4,396	34,775	12,910	4,864	17,001	2,530	0
465	1988	6	3,826	12,466	8,087	2,676	28,762	6,677	4,426	17,659	7,700	0
466	1988	7	7,729	0	3,825	0	38,139	18,963	8,986	10,191	7,290	0
467	1988	8	12,743	0	7,562	0	40,155	18,290	9,304	12,560	7,700	0
468	1988	9	6,215	817	7,442	214	24,785	8,843	6,244	9,698	7,710	0
469	1988	10	2,459	4,038	8,099	0	19,248	3,758	2,488	13,001	6,100	0
470	1988	11	5,403	1,461	5,319	0	6,125	5,588	154	383	4,490	0
471	1988	12	5,717	1,422	6,526	0	6,149	5,747	392	10	4,104	0
472	1989	1	7,551	325	5,383	0	6,149	5,702	436	10	4,170	0
473	1989	2	7,038	161	5,814	0	5,554	5,175	369	10	3,810	0
474	1989	3	6,811	1,148	8,773	0	6,149	5,311	43	794	3,872	0
475	1989	4	6,055	0	4,297	4,297	19,818	8,973	2,889	7,956	1,150	0
476	1989	5	7,468	10,927	7,184	7,025	41,113	10,445	4,883	25,785	2,530	0
477	1989	6	10,697	21,124	10,699	3,260	42,631	13,629	4,424	24,577	7,700	0
478	1989	7	15,231	10,541	5,965	0	39,433	16,795	8,986	13,653	7,290	0
479	1989	8	15,579	810	7,440	10	40,080	16,711	9,304	14,065	7,700	0
480	1989	9	8,280	684	8,510	280	25,824	10,797	6,244	8,783	7,710	0

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			29	30	31	32	33	34	35	36	37	38
Table Number:			P-5g	P-6a	P-6b	P-6c	P-6d	P-7a	P-7b	P-7c	P-7d	P-7e
Month Number	Year	Month	Diversions into Salt Lake Aqueduct PRP	Provo River from North Fork to Olmsted Total	Provo River from North Fork to Olmsted CUP	Provo River from North Fork to Olmsted PRP	Provo River from North Fork to Olmsted Non-Project	Provo River from Olmsted to Murdock Total	Provo River from Olmsted to Murdock CUP	Provo River from Olmsted to Murdock PRP	Provo River from Olmsted to Murdock Non-Project	Diversions into Olmsted Aqueduct Total
421	1984	10	6,100	8,955	5,563	2,488	903	5,630	768	1,239	3,623	7,939
422	1984	11	4,200	7,367	5,566	384	1,417	7,371	2,133	0	5,238	4,702
423	1984	12	3,124	7,053	4,743	1,406	904	4,943	1,778	0	3,165	5,724
424	1985	1	3,474	7,290	4,980	1,168	1,141	4,668	1,722	0	2,946	5,780
425	1985	2	4,174	9,963	5,289	5	4,669	8,750	2,140	0	6,610	4,376
426	1985	3	3,910	17,867	2,082	3,821	11,964	19,754	0	3,821	15,932	3,435
427	1985	4	1,150	53,403	2,257	6,970	44,176	54,215	1,787	6,480	45,948	2,270
428	1985	5	2,530	85,055	9,291	8,714	67,049	80,903	2,836	7,331	70,736	15,510
429	1985	6	7,700	50,023	12,830	9,503	27,690	40,492	2,875	7,218	30,399	26,034
430	1985	7	7,290	44,796	18,645	8,986	17,165	29,379	0	8,867	20,512	27,668
431	1985	8	7,700	38,868	17,383	9,304	12,181	19,908	0	4,638	15,271	27,552
432	1985	9	7,710	29,552	11,666	6,244	11,642	18,025	0	3,150	14,875	21,329
433	1985	10	6,100	9,460	5,073	2,488	1,899	7,376	1,248	1,239	4,889	6,609
434	1985	11	4,490	7,336	3,138	297	3,902	6,444	0	0	6,444	4,320
435	1985	12	3,812	7,580	5,471	678	1,431	6,706	2,348	0	4,358	5,094
436	1986	1	3,539	7,862	5,088	1,061	1,713	5,569	1,829	0	3,740	5,673
437	1986	2	4,030	13,629	6,058	0	7,570	14,887	3,454	0	11,433	3,827
438	1986	3	3,910	96,419	3,161	10,656	82,602	95,804	0	10,635	85,169	4,535
439	1986	4	1,150	50,961	3,657	6,944	40,360	52,377	1,912	6,480	43,985	3,518
440	1986	5	2,530	89,319	9,344	8,690	71,284	84,705	1,555	7,331	75,819	16,821
441	1986	6	7,700	111,862	9,417	10,421	92,024	101,349	0	8,219	93,130	24,299
442	1986	7	7,290	65,260	19,694	24,354	21,212	48,331	2,875	23,762	21,694	27,668
443	1986	8	7,700	37,926	15,829	9,304	12,792	20,265	0	4,638	15,627	25,999
444	1986	9	7,710	30,214	10,307	6,244	13,663	19,781	0	3,150	16,631	19,970
445	1986	10	6,100	9,903	4,694	2,488	2,721	10,159	2,328	1,239	6,593	5,151
446	1986	11	4,490	7,546	6,132	136	1,279	6,197	1,816	0	4,382	5,337
447	1986	12	3,934	6,969	5,587	561	820	4,436	1,778	0	2,658	5,566
448	1987	1	3,792	7,144	5,336	813	995	4,970	1,979	0	2,991	5,523
449	1987	2	4,030	18,261	5,015	3,254	9,992	18,214	2,214	3,249	12,750	4,028
450	1987	3	3,910	15,465	2,376	3,936	9,153	15,282	0	3,931	11,352	3,734
451	1987	4	1,150	30,905	5,155	11,763	13,987	28,434	1,741	11,278	15,415	9,140
452	1987	5	2,530	59,942	7,325	20,296	32,320	56,898	3,415	18,801	34,681	18,637
453	1987	6	7,700	32,790	12,215	6,114	14,462	23,518	3,195	3,792	16,531	17,168
454	1987	7	7,290	38,402	14,344	11,413	12,645	22,323	1,477	6,933	13,913	20,551
455	1987	8	7,700	43,963	20,733	9,304	13,927	22,102	0	6,534	15,568	27,668
456	1987	9	7,710	33,640	16,388	6,244	11,008	15,741	0	3,150	12,591	22,659
457	1987	10	6,100	8,902	4,093	2,488	2,321	6,453	768	1,239	4,446	5,321
458	1987	11	4,297	6,769	5,587	363	819	3,877	1,665	0	2,212	5,073
459	1987	12	4,103	6,527	5,711	392	423	2,050	1,925	0	125	5,102
460	1988	1	3,853	6,566	5,377	753	435	1,632	1,538	0	94	5,856
461	1988	2	3,267	6,087	3,845	629	1,613	1,841	201	0	1,640	5,101
462	1988	3	3,160	6,507	3,822	755	1,929	2,004	0	0	2,004	5,367
463	1988	4	1,150	20,158	8,875	2,889	8,394	15,180	2,875	2,404	9,900	11,272
464	1988	5	2,530	36,525	12,910	4,864	18,751	25,829	1,704	3,407	20,718	20,898
465	1988	6	7,700	29,947	6,677	4,426	18,844	22,934	0	2,219	20,715	15,921
466	1988	7	7,290	38,980	18,963	8,986	11,032	16,587	0	4,506	12,080	26,251
467	1988	8	7,700	40,320	18,290	9,304	12,725	18,513	0	4,638	13,875	25,749
468	1988	9	7,710	24,922	8,843	6,244	9,835	14,437	0	3,150	11,287	13,994
469	1988	10	6,100	19,397	3,758	2,488	13,150	16,472	768	1,239	14,465	4,254
470	1988	11	4,490	6,386	5,588	154	644	3,012	1,488	0	1,524	4,766
471	1988	12	4,104	6,687	5,747	392	548	2,042	1,766	0	276	5,003
472	1989	1	4,170	6,628	5,702	436	489	1,750	1,538	0	212	5,146
473	1989	2	3,810	5,913	5,175	369	369	1,902	1,393	0	509	4,636
474	1989	3	3,872	6,529	5,311	43	1,174	2,074	908	0	1,166	5,048
475	1989	4	1,150	20,321	8,973	2,889	8,459	15,175	2,875	2,404	9,895	11,371
476	1989	5	2,530	41,829	10,445	4,883	26,501	32,585	1,893	3,407	27,285	18,262
477	1989	6	7,700	43,086	13,629	4,424	25,032	28,131	0	2,219	25,912	25,592
478	1989	7	7,290	40,028	16,795	8,986	14,248	19,256	0	4,506	14,749	23,318
479	1989	8	7,700	40,375	16,711	9,304	14,360	19,795	0	4,638	15,158	24,679
480	1989	9	7,710	26,048	10,797	6,244	9,007	13,222	0	3,150	10,072	15,710

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			39	40	41	42	43	44	45	46	47	48
Table Number:			P-7f	P-7g	P-7h	P-7i	P-8a	P-8b	P-8c	P-8d	P-8e	P-8f
Month Number	Year	Month	Diversions into Olmsted Aqueduct CUP	Diversions into Olmsted Aqueduct Ap 40524	Diversions into Olmsted Aqueduct PRP	Diversions into Olmsted Aqueduct Non-Project	Provo River from Murdock to Interstate15 Total	Provo River from Murdock to Interstate15 CUP	Provo River from Murdock to Interstate15 PRP	Provo River from Murdock to Interstate15 Non-Project	Diversions into Provo Reservoir Canal Total	ULS Water in Provo Reservoir Canal CUP
421	1984	10	5,109	314	1,250	1,580	2,785	1,106	160	1,519	3,871	2,127
422	1984	11	4,318	885	384	0	7,575	2,133	0	5,442	0	0
423	1984	12	4,318	1,353	1,406	0	5,079	1,778	0	3,301	0	0
424	1985	1	4,612	1,353	1,168	0	4,833	1,722	0	3,111	0	0
425	1985	2	4,371	1,222	5	0	8,828	2,140	0	6,688	0	0
426	1985	3	3,435	1,353	0	0	19,972	0	3,821	16,150	0	0
427	1985	4	1,780	1,309	490	0	54,256	1,912	6,080	46,264	2,215	1,815
428	1985	5	7,808	1,353	1,384	6,319	72,102	3,203	6,160	62,739	6,515	2,685
429	1985	6	11,265	1,309	2,284	12,485	18,447	3,469	1,319	13,658	11,592	4,440
430	1985	7	18,645	0	119	8,905	9,279	2,393	640	6,247	17,014	5,040
431	1985	8	17,383	0	4,667	5,503	9,845	1,261	610	7,975	11,126	4,783
432	1985	9	11,666	0	3,094	6,569	7,275	836	480	5,960	9,034	3,600
433	1985	10	4,632	808	1,250	727	5,887	1,586	160	4,141	3,512	2,127
434	1985	11	4,023	885	297	0	6,637	0	0	6,637	0	0
435	1985	12	4,416	1,293	678	0	6,914	2,348	0	4,566	0	0
436	1986	1	4,612	1,353	1,061	0	5,698	1,829	0	3,869	0	0
437	1986	2	3,827	1,222	0	0	15,371	3,454	0	11,917	0	0
438	1986	3	4,514	1,353	21	0	96,275	0	10,635	85,640	0	0
439	1986	4	3,055	1,309	464	0	52,738	2,037	6,080	44,621	2,215	1,815
440	1986	5	9,142	1,353	1,360	6,319	76,147	1,921	6,160	68,065	6,515	2,685
441	1986	6	10,594	1,176	2,202	11,504	85,054	594	6,320	78,140	11,179	4,440
442	1986	7	18,171	1,353	592	8,905	25,925	4,085	12,008	9,832	16,541	5,040
443	1986	8	15,829	0	4,667	5,503	10,271	1,261	610	8,400	11,126	4,783
444	1986	9	10,308	0	3,094	6,569	9,037	836	480	7,721	9,034	3,600
445	1986	10	3,174	808	1,250	727	9,189	3,041	160	5,988	3,512	2,127
446	1986	11	5,201	885	136	0	8,462	3,898	0	4,565	0	0
447	1986	12	5,005	1,196	561	0	4,559	1,778	0	2,781	0	0
448	1987	1	4,710	1,353	813	0	5,119	1,979	0	3,140	0	0
449	1987	2	4,023	1,222	5	0	18,362	2,214	3,249	12,898	0	0
450	1987	3	3,729	1,353	6	0	15,417	0	3,931	11,487	0	0
451	1987	4	4,724	1,309	485	3,932	22,742	1,866	10,878	9,998	3,870	1,815
452	1987	5	5,263	1,353	1,494	11,880	39,699	3,782	17,631	18,287	8,855	2,685
453	1987	6	9,020	0	2,322	5,827	13,016	4,017	320	8,678	8,791	4,440
454	1987	7	12,868	0	4,480	3,204	13,014	3,950	640	8,423	10,254	5,040
455	1987	8	20,733	0	2,770	4,166	14,431	3,856	610	9,965	12,460	4,783
456	1987	9	16,388	0	3,094	3,177	12,642	3,769	480	8,393	7,607	3,600
457	1987	10	3,325	0	1,250	747	7,532	3,789	160	3,584	3,520	2,127
458	1987	11	4,710	788	363	0	3,994	1,665	0	2,329	0	0
459	1987	12	4,710	924	392	0	2,118	1,925	0	193	0	0
460	1988	1	5,103	1,263	753	0	1,709	1,538	0	171	0	0
461	1988	2	4,472	829	629	0	1,906	201	0	1,705	0	0
462	1988	3	4,612	790	755	0	2,072	0	0	2,072	0	0
463	1988	4	6,000	0	485	4,788	8,043	4,759	80	3,205	4,230	1,815
464	1988	5	11,206	0	1,457	8,235	15,254	7,798	160	7,296	7,321	2,685
465	1988	6	6,676	0	2,207	7,037	13,506	4,057	320	9,129	9,300	4,440
466	1988	7	18,963	0	4,480	2,808	12,117	4,055	640	7,422	10,088	5,040
467	1988	8	18,290	0	4,667	2,792	14,674	3,850	610	10,214	9,986	4,783
468	1988	9	8,843	0	3,094	2,056	12,892	3,770	480	8,642	7,136	3,600
469	1988	10	2,990	0	1,250	15	15,859	1,106	160	14,593	3,212	2,127
470	1988	11	4,612	512	154	0	5,472	3,900	0	1,572	0	0
471	1988	12	4,612	631	392	0	4,692	4,336	0	356	0	0
472	1989	1	4,710	545	436	0	2,738	2,454	0	284	0	0
473	1989	2	4,268	485	369	0	1,957	1,393	0	564	0	0
474	1989	3	5,005	602	43	0	2,131	908	0	1,223	0	0
475	1989	4	6,098	0	485	4,788	7,173	3,859	80	3,234	4,230	1,815
476	1989	5	8,551	0	1,476	8,235	21,869	8,026	160	13,683	7,321	2,685
477	1989	6	13,629	0	2,206	9,757	14,126	4,035	320	9,771	10,445	4,440
478	1989	7	16,795	0	4,480	2,043	13,820	1,210	640	11,970	9,766	5,040
479	1989	8	16,711	0	4,667	3,302	15,252	3,855	610	10,787	10,200	4,783
480	1989	9	10,797	0	3,094	1,819	12,076	3,859	480	7,738	7,036	3,600

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			49	50	51	52	53	54	55	56	57	58	59
Table Number:			P-8g	P-8h	P-9a	P-9b	P-9c	P-9d	P-9e				
Month Number	Year	Month	Diversions into Provo Reservoir Canal PRP	Diversions into Provo Reservoir Canal Non-Project	Provo River from Interstate 15 to Utah Lake Total	Provo River from Interstate 15 to Utah Lake CUP	Provo River from Interstate 15 to Utah Lake PRP	Provo River from Interstate 15 to Utah Lake Non-Project	PRP Diversion to Provo Bench Canal PRP	June Sucker Releases CUP	June Sucker Releases PRP	June Sucker Releases Non-Project	75-cfs Target Releases Non-Project
421	1984	10	1,079	665	1,397	1,106	0	211	160	0	0	0	-80
422	1984	11	0	0	8,548	2,133	0	6,415	0	0	0	0	0
423	1984	12	0	0	5,252	1,778	0	3,475	0	0	0	0	0
424	1985	1	0	0	5,125	1,722	0	3,403	0	0	0	0	0
425	1985	2	0	0	8,573	2,140	0	6,433	0	0	0	0	0
426	1985	3	0	0	19,964	0	3,821	16,143	0	0	0	0	0
427	1985	4	400	0	50,950	1,912	6,000	42,897	80	0	0	0	-140
428	1985	5	1,171	2,659	66,974	3,203	6,000	57,278	160	0	0	0	-494
429	1985	6	1,899	5,254	12,173	3,469	999	7,107	320	-2,875	-4,000	0	-597
430	1985	7	8,227	3,747	2,996	2,393	0	0	640	0	0	-1,183	-603
431	1985	8	4,028	2,316	1,856	1,261	0	26	610	0	0	0	-569
432	1985	9	2,670	2,764	1,256	836	0	0	480	0	0	0	-420
433	1985	10	1,079	306	6,337	1,586	0	4,730	160	0	0	0	-20
434	1985	11	0	0	7,356	0	0	7,356	0	0	0	0	0
435	1985	12	0	0	7,215	2,348	0	4,867	0	0	0	0	0
436	1986	1	0	0	5,843	1,829	0	4,014	0	0	0	0	0
437	1986	2	0	0	15,377	3,454	0	11,923	0	0	0	0	0
438	1986	3	0	0	96,870	0	10,635	86,235	0	0	0	0	0
439	1986	4	400	0	54,344	2,037	6,000	46,294	80	0	0	0	-13
440	1986	5	1,171	2,659	70,487	1,921	6,000	61,995	160	0	0	0	-570
441	1986	6	1,899	4,841	77,431	594	6,000	70,106	320	0	0	0	-731
442	1986	7	7,753	3,747	17,050	4,085	11,368	933	640	-2,875	-4,000	0	-664
443	1986	8	4,028	2,316	1,906	1,261	0	37	610	0	0	0	-608
444	1986	9	2,670	2,764	1,377	836	0	0	480	0	0	0	-5[illegible]
445	1986	10	1,079	306	9,951	3,041	0	6,825	160	0	0	0	[illegible]
446	1986	11	0	0	9,283	3,898	0	5,385	0	0	0	0	
447	1986	12	0	0	4,658	1,778	0	2,879	0	0	0	0	0
448	1987	1	0	0	5,332	1,979	0	3,353	0	0	0	0	0
449	1987	2	0	0	18,226	2,214	3,249	12,763	0	0	0	0	0
450	1987	3	0	0	15,180	0	3,931	11,249	0	0	0	0	0
451	1987	4	400	1,655	20,839	1,866	10,798	8,064	80	0	0	0	-111
452	1987	5	1,171	4,999	31,875	3,782	17,471	10,032	160	0	0	0	-591
453	1987	6	1,899	2,452	4,768	4,017	0	85	320	-2,875	-1,573	0	-666
454	1987	7	3,866	1,348	4,611	3,950	0	0	640	0	-2,427	-708	-661
455	1987	8	5,924	1,753	4,591	3,856	0	84	610	0	0	0	-651
456	1987	9	2,670	1,337	4,463	3,769	0	123	480	0	0	0	-570
457	1987	10	1,079	314	4,112	3,789	0	127	160	0	0	0	-197
458	1987	11	0	0	4,253	1,665	0	2,588	0	0	0	0	0
459	1987	12	0	0	2,167	1,925	0	242	0	0	0	0	0
460	1988	1	0	0	1,692	1,538	0	155	0	0	0	0	0
461	1988	2	0	0	1,546	201	0	1,345	0	0	0	0	0
462	1988	3	0	0	1,629	0	0	1,629	0	0	0	0	0
463	1988	4	400	2,015	4,879	4,759	0	0	80	-2,875	-1,924	0	-120
464	1988	5	1,171	3,465	8,411	7,798	0	0	160	0	-2,076	-1,115	-613
465	1988	6	1,899	2,961	4,768	4,057	0	0	320	0	0	-1,025	-711
466	1988	7	3,866	1,182	4,586	4,055	0	0	640	0	0	-506	-531
467	1988	8	4,028	1,175	4,611	3,850	0	118	610	0	0	0	-644
468	1988	9	2,670	865	4,463	3,770	0	117	480	0	0	0	-576
469	1988	10	1,079	6	11,559	1,106	0	10,174	160	0	0	0	-279
470	1988	11	0	0	4,463	3,900	0	562	0	0	0	0	0
471	1988	12	0	0	4,611	4,336	0	275	0	0	0	0	0
472	1989	1	0	0	2,619	2,454	0	165	0	0	0	0	0
473	1989	2	0	0	1,496	1,393	0	103	0	0	0	0	0
474	1989	3	0	0	1,641	908	0	733	0	0	0	0	0
475	1989	4	400	2,015	4,879	3,859	0	885	80	-2,875	-1,924	0	-135
476	1989	5	1,171	3,465	12,341	8,026	0	3,601	160	0	-2,076	-1,155	-7[illegible]
477	1989	6	1,899	4,106	4,768	4,035	0	0	320	0	0	-1,324	-7
478	1989	7	3,866	860	12,837	1,210	0	11,606	640	0	0	0	-[illegible]
479	1989	8	4,028	1,389	4,611	3,855	0	107	610	0	0	0	-650
480	1989	9	2,670	765	4,463	3,859	0	101	480	0	0	0	-503

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:				1	2	3	4	5	6	7	8
Table Number:			P-0	P-1a	P-1b	P-1c	P-1d	P-2a	P-2b	P-2c	P-2d
Month Number	Year	Month	Foreign Water into Jordanelle PRP	Provo River Release from Jordanelle Total	Provo River Release from Jordanelle CUP	Provo River Release from Jordanelle PRP	Provo River Release from Jordanelle Non-Project	Provo River from Timpanogos to River Ditch Total	Provo River from Timpanogos to River Ditch CUP	Provo River from Timpanogos to River Ditch PRP	Provo River from Timpanogos to River Ditch Non-Project
481	1989	10	47	10,257	5,449	1,704	3,105	10,028	5,278	1,704	3,047
482	1989	11	2,319	7,702	5,277	1,565	860	7,702	5,277	1,565	860
483	1989	12	1,432	9,026	5,747	1,452	1,827	9,026	5,747	1,452	1,827
484	1990	1	343	8,789	6,535	1,021	1,233	8,789	6,535	1,021	1,233
485	1990	2	2,516	7,815	5,173	1,285	1,357	7,815	5,173	1,285	1,357
486	1990	3	1,010	8,413	5,626	1,522	1,266	8,413	5,626	1,522	1,266
487	1990	4	8,195	9,809	3,484	3,212	3,112	9,694	3,484	3,212	2,998
488	1990	5	17,869	23,019	5,485	2,184	15,350	21,432	5,437	2,184	13,812
489	1990	6	18,371	35,307	5,920	16,479	12,908	33,120	5,370	16,479	11,271
490	1990	7	166	22,386	10,693	0	11,692	19,153	9,050	0	10,103
491	1990	8	3	18,935	14,453	0	4,481	16,000	12,920	0	3,080
492	1990	9	22	14,854	11,530	0	3,325	13,467	10,945	0	2,521
493	1990	10	430	9,457	5,077	2,398	1,982	9,228	4,907	2,398	1,924
494	1990	11	2,597	8,757	5,339	1,564	1,853	8,757	5,339	1,564	1,853
495	1990	12	2,217	8,624	5,559	1,478	1,588	8,624	5,559	1,478	1,588
496	1991	1	2,369	8,717	7,692	187	838	8,717	7,692	187	838
497	1991	2	2,406	7,606	6,645	350	611	7,606	6,645	350	611
498	1991	3	2,618	8,029	5,832	1,301	896	8,029	5,832	1,301	896
499	1991	4	261	9,856	4,887	2,278	2,692	9,742	4,887	2,278	2,577
500	1991	5	23,060	20,236	3,985	1,291	14,960	18,649	3,937	1,291	13,421
501	1991	6	35,034	36,739	6,822	16,723	13,194	34,551	6,272	16,723	11,556
502	1991	7	159	37,593	15,310	9,351	12,932	34,361	13,666	9,351	11,343
503	1991	8	35	26,005	19,741	1,021	5,243	23,070	18,208	1,021	3,841
504	1991	9	0	17,032	11,868	1,647	3,517	15,644	11,283	1,647	2,714
505	1991	10	0	10,309	4,740	2,076	3,494	10,081	4,569	2,076	3,436
506	1991	11	3,841	7,925	6,388	1,249	289	7,925	6,388	1,249	289
507	1991	12	2,264	8,083	6,537	1,132	414	8,083	6,537	1,132	414
508	1992	1	198	8,459	7,382	532	545	8,459	7,382	532	545
509	1992	2	179	7,377	6,197	1,180	0	7,377	6,197	1,180	0
510	1992	3	1,638	8,739	7,706	221	811	8,739	7,706	221	811
511	1992	4	191	9,456	7,869	0	1,587	9,341	7,869	0	1,472
512	1992	5	5,849	37,717	12,186	10,374	15,158	36,131	12,138	10,374	13,619
513	1992	6	5,419	24,346	6,647	9,935	7,764	22,159	6,097	9,935	6,126
514	1992	7	199	31,451	19,341	0	12,110	28,486	17,697	0	10,789
515	1992	8	0	25,483	21,550	1,080	2,853	22,715	20,017	1,080	1,617
516	1992	9	416	14,825	11,743	1,118	1,964	13,487	11,159	1,118	1,211
517	1992	10	321	10,298	6,035	687	3,576	10,069	5,865	687	3,518
518	1992	11	2,383	7,482	5,594	416	1,473	7,482	5,594	416	1,473
519	1992	12	2,469	7,729	5,743	420	1,567	7,729	5,743	420	1,567
520	1993	1	2,525	7,729	7,100	343	286	7,729	7,100	343	286
521	1993	2	2,394	6,985	5,962	319	704	6,985	5,962	319	704
522	1993	3	3,919	7,729	7,046	447	237	7,729	7,046	447	237
523	1993	4	7,234	7,702	4,211	825	2,666	7,588	4,211	825	2,551
524	1993	5	6,013	21,568	3,917	682	16,968	19,981	3,870	682	15,429
525	1993	6	6,013	43,816	5,836	13,749	24,231	41,628	5,286	13,749	22,594
526	1993	7	5,855	41,386	11,014	8,195	22,177	38,154	9,370	8,195	20,588
527	1993	8	0	26,698	16,973	3,712	6,013	23,763	15,440	3,712	4,612
528	1993	9	28	14,599	12,291	0	2,309	13,212	11,706	0	1,506
529	1993	10	2,942	9,700	4,190	1,952	3,558	9,471	4,019	1,952	3,500
530	1993	11	2,906	7,493	5,348	1,194	951	7,493	5,348	1,194	951
531	1993	12	862	7,821	5,448	1,219	1,155	7,821	5,448	1,219	1,155
532	1994	1	2,961	7,754	7,012	717	25	7,754	7,012	717	25
533	1994	2	2,815	7,051	5,574	1,411	66	7,051	5,574	1,411	66
534	1994	3	3,913	7,918	5,316	2,390	212	7,918	5,316	2,390	212
535	1994	4	12,156	9,215	7,481	0	1,735	9,101	7,481	0	1,620
536	1994	5	16,533	23,472	5,292	1,383	16,797	21,885	5,244	1,383	15,258
537	1994	6	14,692	32,451	6,508	6,758	19,185	30,264	5,958	6,758	17,548
538	1994	7	5,176	32,875	14,400	8,335	10,140	29,642	12,756	8,335	8,551
539	1994	8	1,552	24,989	18,841	2,840	3,307	22,136	17,308	2,840	1,987
540	1994	9	28	13,343	10,549	0	2,794	12,006	9,965	0	2,041

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			9	10	11	12	13	14	15	16	17	18
Table Number:			P-2e	P-2f	P-2g	P-3a	P-3b			P-3c	P-3d	P-4a
Month Number	Year	Month	Diversions into Timpanogos Canal Total	Diversions into Timpanogos Canal CUP	Diversions into Timpanogos Canal Non-Project	Provo from River Ditch to Snake Creek Total	Provo from River Ditch to Snake Creek CUP	Diversions in Reach CUP	Diversions in Reach VCWEP Mitigatio	Provo from River Ditch to Snake Creek PRP	Provo from River Ditch to Snake Creek Non-Project	Provo River from Snake Creek to Deer Creek Reservoir Total
481	1989	10	229	171	58	8,039	4,391	929	1,453	1,704	1,944	12,943
482	1989	11	0	0	0	8,563	5,277	0	0	1,565	1,721	20,314
483	1989	12	0	0	0	8,014	5,747	0	806	1,452	815	11,226
484	1990	1	0	0	0	8,034	6,535	0	601	1,021	478	11,859
485	1990	2	0	0	0	7,230	5,173	0	466	1,285	772	10,451
486	1990	3	0	0	0	7,983	5,626	0	342	1,522	836	11,387
487	1990	4	115	0	115	7,740	3,484	0	840	3,212	1,043	9,732
488	1990	5	1,587	48	1,539	11,205	5,429	0	1,024	2,184	3,593	12,787
489	1990	6	2,188	550	1,637	21,976	5,247	32	869	16,479	250	25,549
490	1990	7	3,233	1,644	1,589	8,272	8,272	539	1,626	0	0	11,374
491	1990	8	2,935	1,533	1,402	8,439	8,439	4,574	1,725	0	0	13,898
492	1990	9	1,388	584	803	8,061	7,250	3,897	1,632	0	811	12,800
493	1990	10	229	171	58	7,932	4,026	922	197	2,398	1,508	15,676
494	1990	11	0	0	0	7,681	5,339	0	857	1,564	777	11,778
495	1990	12	0	0	0	7,924	5,559	0	557	1,478	888	12,770
496	1991	1	0	0	0	7,991	7,692	0	578	187	112	12,047
497	1991	2	0	0	0	7,205	6,645	0	319	350	210	10,780
498	1991	3	0	0	0	7,914	5,832	0	92	1,301	781	11,724
499	1991	4	115	0	115	7,670	4,887	0	952	2,278	506	9,353
500	1991	5	1,587	48	1,539	8,465	3,929	0	1,024	1,291	3,245	10,395
501	1991	6	2,188	550	1,637	23,122	6,149	32	869	16,723	250	27,122
502	1991	7	3,233	1,644	1,589	22,962	12,889	539	261	9,351	722	28,147
503	1991	8	2,935	1,533	1,402	15,317	13,726	4,574	252	1,021	570	20,755
504	1991	9	1,388	584	803	9,645	7,588	3,897	248	1,647	410	14,275
505	1991	10	229	171	58	7,886	3,689	922	1,585	2,076	2,121	13,242
506	1991	11	0	0	0	7,636	6,388	0	230	1,249	0	14,109
507	1991	12	0	0	0	7,887	6,537	0	182	1,132	218	13,242
508	1992	1	0	0	0	7,914	7,382	0	434	532	0	12,459
509	1992	2	0	0	0	7,629	6,197	0	0	1,180	252	12,355
510	1992	3	0	0	0	7,928	7,706	0	646	221	0	10,897
511	1992	4	115	0	115	7,869	7,869	0	113	0	0	10,450
512	1992	5	1,587	48	1,539	25,741	12,130	0	1,024	10,374	3,237	27,681
513	1992	6	2,188	550	1,637	16,163	5,974	32	869	9,935	254	19,580
514	1992	7	2,965	1,644	1,322	21,310	16,920	539	261	0	4,390	23,468
515	1992	8	2,768	1,533	1,235	18,524	15,535	4,574	252	1,080	1,909	24,413
516	1992	9	1,337	584	753	8,995	7,463	3,897	248	1,118	414	12,221
517	1992	10	229	171	58	9,234	4,984	922	73	687	3,563	13,476
518	1992	11	0	0	0	7,481	5,594	0	0	416	1,472	12,100
519	1992	12	0	0	0	7,849	5,743	0	0	420	1,687	12,687
520	1993	1	0	0	0	7,847	7,100	0	0	343	404	12,428
521	1993	2	0	0	0	8,432	5,962	0	0	319	2,151	13,573
522	1993	3	0	0	0	10,609	7,046	0	0	447	3,117	16,972
523	1993	4	115	0	115	7,776	4,211	0	113	825	2,739	11,220
524	1993	5	1,587	48	1,539	10,003	3,861	0	1,024	682	5,459	10,605
525	1993	6	2,188	550	1,637	31,402	5,163	32	869	13,749	12,491	34,171
526	1993	7	3,233	1,644	1,589	27,860	8,593	539	261	8,195	11,072	30,144
527	1993	8	2,935	1,533	1,402	14,670	10,958	4,574	252	3,712	0	19,905
528	1993	9	1,388	584	803	8,011	8,011	3,897	248	0	0	12,169
529	1993	10	229	171	58	7,729	3,139	922	1,528	1,952	2,638	12,894
530	1993	11	0	0	0	7,481	5,348	0	10	1,194	939	14,739
531	1993	12	0	0	0	7,729	5,448	0	73	1,219	1,063	12,767
532	1994	1	0	0	0	7,729	7,012	0	20	717	0	13,973
533	1994	2	0	0	0	7,178	5,574	0	0	1,411	193	11,378
534	1994	3	0	0	0	8,113	5,316	0	0	2,390	407	12,242
535	1994	4	115	0	115	7,481	7,481	0	113	0	0	9,615
536	1994	5	1,587	48	1,539	11,746	5,236	0	1,024	1,383	5,127	12,181
537	1994	6	2,188	550	1,637	20,808	5,835	32	869	6,758	8,215	26,004
538	1994	7	3,233	1,644	1,589	20,759	11,979	539	261	8,335	446	23,885
539	1994	8	2,853	1,533	1,320	15,667	12,827	4,574	252	2,840	0	20,508
540	1994	9	1,337	584	753	7,438	6,269	3,897	248	0	1,169	12,971

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			19	20	21	22	23	24	25	26	27	28
Table Number:			P-4b	P-4c	P-4d		P-5a	P-5b	P-5c	P-5d	P-5e	P-5f
Month Number	Year	Month	Provo River from Snake Creek to Deer Creek Reservoir CUP	Provo River from Snake Creek to Deer Creek Reservoir PRP	Provo River from Snake Creek to Deer Creek Reservoir Non-Project	CUP Return Flow Gains above Deer Creek CUP	Provo River from Outlet of Deer Creek to North Fork Total	Provo River from Outlet of Deer Creek to North Fork CUP	Provo River from Outlet of Deer Creek to North Fork PRP	Provo River from Outlet of Deer Creek to North Fork Non-Project	Diversions into Salt Lake Aqueduct Total	Diversions into Salt Lake Aqueduct CUP
481	1989	10	4,391	1,704	6,848	0	11,728	5,778	2,488	3,462	6,100	0
482	1989	11	5,277	1,565	13,472	0	5,952	5,394	558	0	4,199	0
483	1989	12	5,747	1,452	4,027	0	6,149	5,271	877	0	1,182	0
484	1990	1	6,535	1,021	4,303	0	6,149	5,969	128	52	155	0
485	1990	2	5,173	1,285	3,993	0	5,544	3,080	2,455	10	0	0
486	1990	3	5,626	1,522	4,239	0	6,137	5,089	946	102	0	0
487	1990	4	3,484	3,212	3,036	593	6,224	1,486	965	3,774	1,150	0
488	1990	5	5,429	2,184	5,175	5,014	38,786	11,132	6,700	20,955	2,530	0
489	1990	6	5,247	16,479	3,823	3,106	38,319	9,025	4,425	24,870	7,700	0
490	1990	7	8,272	0	3,102	1,964	37,215	13,559	8,986	14,671	7,290	0
491	1990	8	8,439	0	5,459	0	28,717	16,124	963	11,630	7,700	0
492	1990	9	7,250	0	5,550	18	25,746	13,056	0	12,690	52	0
493	1990	10	4,026	2,398	9,252	0	7,199	5,514	0	1,685	454	0
494	1990	11	5,339	1,564	4,875	0	5,953	5,585	369	0	2,207	0
495	1990	12	5,559	1,478	5,734	0	6,149	5,645	392	111	1,758	0
496	1991	1	7,692	187	4,168	0	6,149	5,953	146	49	2,158	0
497	1991	2	6,645	350	3,786	0	5,554	5,105	313	135	2,031	0
498	1991	3	5,832	1,301	4,591	0	6,149	4,416	1,658	74	896	0
499	1991	4	4,887	2,278	2,189	593	8,928	5,955	2,026	947	70	0
500	1991	5	3,929	1,291	5,175	5,014	23,197	6,339	4,787	12,070	2,530	0
501	1991	6	6,149	16,723	4,250	3,106	38,591	8,820	4,423	25,348	7,700	0
502	1991	7	12,889	9,351	5,906	1,964	41,685	14,735	8,986	17,964	7,290	0
503	1991	8	13,726	1,021	6,009	0	32,953	14,945	9,304	8,704	7,700	0
504	1991	9	7,588	1,647	5,040	804	20,814	9,816	693	10,306	7,710	0
505	1991	10	3,689	2,076	7,477	0	8,038	5,978	0	2,061	32	0
506	1991	11	6,388	1,249	6,473	0	5,952	5,168	784	0	3,391	0
507	1991	12	6,537	1,132	5,573	0	6,149	4,718	1,172	259	1,104	0
508	1992	1	7,382	532	4,546	0	6,200	6,052	5	143	144	0
509	1992	2	6,197	1,180	4,977	0	6,200	6,071	0	129	128	0
510	1992	3	7,706	221	2,970	0	6,200	6,020	11	170	1,567	0
511	1992	4	7,869	0	2,581	593	15,299	12,377	2,025	896	2	0
512	1992	5	12,130	10,374	5,177	5,014	35,412	13,238	4,858	17,317	2,530	0
513	1992	6	5,974	9,935	3,670	0	26,890	8,944	3,118	14,829	7,700	0
514	1992	7	16,920	0	6,548	0	25,449	19,422	0	6,027	258	0
515	1992	8	15,535	1,080	7,797	0	26,726	18,979	0	7,747	98	0
516	1992	9	7,463	1,118	3,640	0	12,345	9,636	0	2,709	486	0
517	1992	10	4,984	687	7,805	0	7,285	7,046	0	239	399	0
518	1992	11	5,594	416	6,090	0	6,107	6,099	8	0	2,569	0
519	1992	12	5,743	420	6,525	0	6,149	5,783	365	0	2,036	0
520	1993	1	7,100	343	4,985	0	6,149	5,385	597	166	1,855	0
521	1993	2	5,962	319	7,292	0	5,554	4,387	1,049	118	1,278	0
522	1993	3	7,046	447	9,479	0	6,149	5,809	340	0	3,503	0
523	1993	4	4,211	825	6,184	593	5,964	3,870	2,094	0	0	0
524	1993	5	3,861	682	6,061	5,014	25,349	10,348	6,687	8,313	2,530	0
525	1993	6	5,163	13,749	15,259	3,106	27,297	8,820	4,419	14,058	7,700	0
526	1993	7	8,593	8,195	13,356	1,964	30,349	12,282	8,986	9,082	7,290	0
527	1993	8	10,958	3,712	5,235	740	29,439	14,748	9,304	5,387	7,700	0
528	1993	9	8,011	0	4,159	804	29,091	13,054	6,244	9,793	7,710	0
529	1993	10	3,139	1,952	7,803	0	6,961	4,473	2,488	0	6,100	0
530	1993	11	5,348	1,194	8,197	0	5,950	5,725	226	0	4,342	0
531	1993	12	5,448	1,219	6,100	0	6,149	5,352	796	0	3,798	0
532	1994	1	7,012	717	6,244	0	6,149	5,189	801	158	3,804	0
533	1994	2	5,574	1,411	4,393	0	5,554	3,850	1,043	661	2,992	0
534	1994	3	5,316	2,390	4,537	0	6,149	3,848	570	1,730	3,346	0
535	1994	4	7,481	0	2,134	593	14,758	10,641	2,889	1,228	1,150	0
536	1994	5	5,236	1,383	5,563	5,014	33,327	8,638	4,861	19,828	2,530	0
537	1994	6	5,835	6,758	13,411	3,106	33,711	10,601	4,423	18,687	7,700	0
538	1994	7	11,979	8,335	3,571	0	35,637	15,823	8,986	10,829	7,290	0
539	1994	8	12,827	2,840	4,841	0	34,085	16,621	9,304	8,160	7,700	0
540	1994	9	6,269	0	6,701	0	20,464	11,199	2,334	6,931	7,710	0

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			29	30	31	32	33	34	35	36	37	38
Table Number:			P-5g	P-6a	P-6b	P-6c	P-6d	P-7a	P-7b	P-7c	P-7d	P-7e
Month Number	Year	Month	Diversions into Salt Lake Aqueduct PRP	Provo River from North Fork to Olmsted Total	Provo River from North Fork to Olmsted CUP	Provo River from North Fork to Olmsted PRP	Provo River from North Fork to Olmsted Non-Project	Provo River from Olmsted to Murdock Total	Provo River from Olmsted to Murdock CUP	Provo River from Olmsted to Murdock PRP	Provo River from Olmsted to Murdock Non-Project	Diversions into Olmsted Aqueduct Total
481	1989	10	6,100	11,728	5,778	2,488	3,462	5,513	812	1,239	3,462	6,230
482	1989	11	4,199	6,502	5,394	558	550	4,060	2,746	0	1,314	4,091
483	1989	12	1,182	7,018	5,271	877	869	3,940	3,189	0	751	4,312
484	1990	1	155	6,898	5,969	128	801	3,852	3,397	0	455	4,052
485	1990	2	0	6,050	3,080	2,455	516	2,075	1,831	0	244	4,634
486	1990	3	0	6,726	5,089	946	691	3,492	3,204	0	288	4,184
487	1990	4	1,150	6,781	1,486	965	4,331	5,467	0	480	4,986	2,416
488	1990	5	2,530	41,243	11,132	6,700	23,412	34,896	4,688	5,331	24,877	17,328
489	1990	6	7,700	39,612	9,025	4,425	26,163	29,409	0	2,219	27,190	22,806
490	1990	7	7,290	40,195	13,559	8,986	17,651	24,962	0	4,506	20,456	25,804
491	1990	8	7,700	30,354	16,124	963	13,267	17,073	0	774	16,299	21,341
492	1990	9	52	27,005	13,056	0	13,949	16,911	0	0	16,911	19,143
493	1990	10	454	7,926	5,514	0	2,411	7,338	1,642	0	5,696	4,550
494	1990	11	2,207	6,468	5,585	369	515	2,677	1,957	0	721	4,785
495	1990	12	1,758	6,468	5,645	392	430	2,261	1,771	0	490	4,710
496	1991	1	2,158	6,266	5,953	146	166	1,979	1,538	0	441	4,562
497	1991	2	2,031	5,714	5,105	313	295	1,883	1,389	0	494	4,140
498	1991	3	896	6,402	4,416	1,658	327	1,958	1,537	0	421	4,994
499	1991	4	70	8,986	5,955	2,026	1,005	6,192	2,875	2,004	1,313	4,111
500	1991	5	2,530	24,909	6,339	4,787	13,782	19,520	1,418	3,327	14,776	12,623
501	1991	6	7,700	40,026	8,820	4,423	26,783	29,505	0	2,219	27,286	23,190
502	1991	7	7,290	41,736	14,735	8,986	18,015	22,528	0	4,506	18,021	26,014
503	1991	8	7,700	33,520	14,945	9,304	9,271	14,445	0	4,638	9,807	22,308
504	1991	9	7,710	21,820	9,816	693	11,311	13,880	0	579	13,302	14,463
505	1991	10	32	8,122	5,978	0	2,144	3,886	779	0	3,107	5,877
506	1991	11	3,391	6,929	5,168	784	977	3,862	1,741	0	2,121	5,520
507	1991	12	1,104	6,840	4,718	1,172	950	2,650	1,429	0	1,221	5,814
508	1992	1	144	6,830	6,052	5	773	3,382	2,385	0	997	5,025
509	1992	2	128	6,815	6,071	0	744	4,366	3,074	0	1,293	4,263
510	1992	3	1,567	6,930	6,020	11	900	2,467	1,121	0	1,346	6,262
511	1992	4	2	16,374	12,377	2,025	1,971	8,408	2,875	2,004	3,528	10,427
512	1992	5	2,530	36,294	13,238	4,858	18,199	22,429	574	3,327	18,529	22,466
513	1992	6	7,700	27,223	8,944	3,118	15,162	16,983	0	1,605	15,377	17,087
514	1992	7	258	26,416	19,422	0	6,994	7,260	0	0	7,260	21,111
515	1992	8	98	26,964	18,979	0	7,985	8,610	0	0	8,610	18,988
516	1992	9	486	13,502	9,636	0	3,866	6,156	0	0	6,156	10,973
517	1992	10	399	8,234	7,046	0	1,187	5,968	2,616	0	3,352	5,298
518	1992	11	2,569	6,951	6,099	8	844	3,971	1,686	0	2,285	5,209
519	1992	12	2,036	6,823	5,783	365	674	2,819	1,679	0	1,140	5,762
520	1993	1	1,855	6,948	5,385	597	965	3,652	1,538	0	2,114	5,798
521	1993	2	1,278	6,157	4,387	1,049	721	2,856	1,389	0	1,467	5,269
522	1993	3	3,503	7,425	5,809	340	1,276	6,011	1,863	0	4,148	5,639
523	1993	4	0	9,414	3,870	2,094	3,450	13,214	3,596	480	9,138	4,625
524	1993	5	2,530	33,818	10,348	6,687	16,782	32,606	4,856	5,331	22,419	17,625
525	1993	6	7,700	34,058	8,820	4,419	20,819	26,998	0	2,219	24,779	21,867
526	1993	7	7,290	36,299	12,282	8,986	15,032	24,492	0	4,506	19,986	24,527
527	1993	8	7,700	33,074	14,748	9,304	9,022	19,426	0	4,638	14,788	24,442
528	1993	9	7,710	30,983	13,054	6,244	11,685	18,952	0	3,150	15,802	22,235
529	1993	10	6,100	8,516	4,473	2,488	1,555	8,931	1,337	1,239	6,355	5,968
530	1993	11	4,342	6,612	5,725	226	662	2,892	1,703	0	1,190	5,133
531	1993	12	3,798	6,924	5,352	796	775	2,988	1,700	0	1,288	5,801
532	1994	1	3,804	6,860	5,189	801	869	2,885	1,538	0	1,347	5,806
533	1994	2	2,992	6,230	3,850	1,043	1,337	2,973	852	0	2,122	5,263
534	1994	3	3,346	6,890	3,848	570	2,471	2,946	0	0	2,945	5,771
535	1994	4	1,150	15,948	10,641	2,889	2,418	9,455	2,875	2,404	4,175	10,072
536	1994	5	2,530	35,594	8,638	4,861	22,095	28,365	1,357	3,407	23,601	19,496
537	1994	6	7,700	34,884	10,601	4,423	19,860	22,347	0	2,219	20,128	21,708
538	1994	7	7,290	36,568	15,823	8,986	11,760	16,516	0	4,506	12,010	23,798
539	1994	8	7,700	35,310	16,621	9,304	9,385	15,332	0	4,638	10,695	24,777
540	1994	9	7,710	20,933	11,199	2,334	7,401	9,299	0	1,339	7,960	14,251

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			39	40	41	42	43	44	45	46	47	48
Table Number:			P-7f	P-7g	P-7h	P-7i	P-8a	P-8b	P-8c	P-8d	P-8e	P-8f
Month Number	Year	Month	Diversions into Olmsted Aqueduct CUP	Diversions into Olmsted Aqueduct Ap 40524	Diversions into Olmsted Aqueduct PRP	Diversions into Olmsted Aqueduct Non-Project	Provo River from Murdock to Interstate15 Total	Provo River from Murdock to Interstate15 CUP	Provo River from Murdock to Interstate15 PRP	Provo River from Murdock to Interstate15 Non-Project	Diversions into Provo Reservoir Canal Total	ULS Water in Provo Reservoir Canal CUP
481	1989	10	4,966	0	1,250	15	7,936	4,238	160	3,538	3,212	2,127
482	1989	11	3,533	885	558	0	4,557	3,084	0	1,473	0	0
483	1989	12	3,435	1,353	877	0	4,779	3,869	0	910	0	0
484	1990	1	3,925	1,353	128	0	3,990	3,397	0	593	0	0
485	1990	2	2,180	931	2,455	0	2,216	1,831	0	385	0	0
486	1990	3	3,238	1,353	946	0	3,628	3,204	0	424	0	0
487	1990	4	1,486	0	485	446	5,902	1,249	80	4,573	2,403	1,815
488	1990	5	6,444	0	1,369	9,516	20,617	10,950	160	9,507	7,860	2,685
489	1990	6	9,024	0	2,206	11,576	12,904	4,034	320	8,550	11,210	4,440
490	1990	7	13,559	0	4,480	7,765	12,803	3,949	640	8,213	12,174	5,040
491	1990	8	16,124	0	190	5,027	12,860	2,647	610	9,604	7,062	4,783
492	1990	9	13,056	0	0	6,087	12,459	3,540	0	8,919	6,161	3,600
493	1990	10	3,873	0	0	678	9,470	4,071	0	5,399	2,412	2,127
494	1990	11	4,416	788	369	0	4,007	3,190	0	818	0	0
495	1990	12	4,318	444	392	0	4,943	4,392	0	551	0	0
496	1991	1	4,416	0	146	0	4,934	4,471	0	463	0	0
497	1991	2	3,827	110	313	0	1,924	1,402	0	522	0	0
498	1991	3	3,336	457	1,658	0	1,970	1,537	0	433	0	0
499	1991	4	3,644	564	22	446	5,483	4,768	0	715	2,003	1,815
500	1991	5	4,922	0	1,461	6,241	12,117	7,191	160	4,765	6,482	2,685
501	1991	6	8,820	0	2,204	12,165	12,610	4,838	320	7,452	11,458	4,440
502	1991	7	14,735	0	4,480	6,800	9,520	2,099	640	6,781	11,768	5,040
503	1991	8	14,945	0	4,667	2,696	10,689	3,856	610	6,223	9,945	4,783
504	1991	9	9,816	0	114	4,533	11,178	3,571	480	7,128	5,606	3,600
505	1991	10	5,199	0	0	678	6,682	4,426	0	2,256	2,412	2,127
506	1991	11	4,736	1,309	784	0	4,932	2,661	0	2,271	0	0
507	1991	12	4,642	1,353	1,172	0	5,237	3,886	0	1,351	0	0
508	1992	1	5,020	1,353	5	0	5,078	3,966	0	1,112	0	0
509	1992	2	4,263	1,265	0	0	4,625	3,226	0	1,399	0	0
510	1992	3	6,252	1,353	11	0	2,835	1,361	0	1,474	0	0
511	1992	4	9,502	0	21	904	7,203	4,691	0	2,512	2,196	1,815
512	1992	5	12,663	0	1,531	8,272	11,783	6,633	160	4,990	7,337	2,685
513	1992	6	8,943	0	1,512	6,631	8,744	3,981	320	4,443	8,516	4,440
514	1992	7	19,422	0	0	1,689	7,200	2,640	0	4,560	5,751	5,040
515	1992	8	18,979	0	0	9	8,778	0	0	8,778	4,787	4,783
516	1992	9	9,636	0	0	1,337	8,063	3,540	0	4,523	4,163	3,600
517	1992	10	4,948	518	0	350	7,399	4,334	0	3,065	2,274	2,127
518	1992	11	5,201	788	8	0	5,219	2,833	0	2,387	0	0
519	1992	12	5,397	1,293	365	0	2,919	1,679	0	1,240	0	0
520	1993	1	5,201	1,353	597	0	3,759	1,538	0	2,221	0	0
521	1993	2	4,220	1,222	1,049	0	2,934	1,389	0	1,545	0	0
522	1993	3	5,299	1,353	340	0	6,175	1,863	0	4,312	0	0
523	1993	4	1,583	1,309	1,614	1,428	11,744	3,722	80	7,942	2,816	1,815
524	1993	5	6,688	1,196	1,357	9,581	19,372	11,095	160	8,116	7,888	2,685
525	1993	6	8,820	0	2,200	10,847	13,180	4,740	320	8,120	10,903	4,440
526	1993	7	12,282	0	4,480	7,765	13,600	4,655	640	8,305	12,174	5,040
527	1993	8	14,748	0	4,667	5,027	13,598	3,856	610	9,132	10,926	4,783
528	1993	9	13,054	0	3,094	6,087	11,995	3,940	480	7,575	8,832	3,600
529	1993	10	4,040	905	1,250	678	9,446	3,285	160	6,001	3,491	2,127
530	1993	11	4,907	885	226	0	4,183	2,876	0	1,308	0	0
531	1993	12	5,005	1,353	796	0	4,816	3,382	0	1,434	0	0
532	1994	1	5,005	1,353	801	0	4,827	3,350	0	1,477	0	0
533	1994	2	4,220	1,222	1,043	0	3,980	1,742	0	2,239	0	0
534	1994	3	5,201	1,353	570	0	3,078	0	0	3,077	0	0
535	1994	4	7,766	0	485	1,821	5,857	3,951	80	1,826	2,981	1,815
536	1994	5	7,281	0	1,455	10,760	14,052	7,690	160	6,202	8,384	2,685
537	1994	6	10,601	0	2,205	8,902	10,132	4,209	320	5,603	10,085	4,440
538	1994	7	15,823	0	4,480	3,496	11,006	4,093	640	6,273	10,377	5,040
539	1994	8	16,621	0	4,667	3,490	10,611	3,856	610	6,145	10,279	4,783
540	1994	9	11,199	0	995	2,057	9,570	3,809	480	5,281	5,324	3,600

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			49	50	51	52	53	54	55	56	57	58	59
Table Number:			P-8g	P-8h	P-9a	P-9b	P-9c	P-9d	P-9e				
Month Number	Year	Month	Diversions into Provo Reservoir Canal PRP	Diversions into Provo Reservoir Canal Non-Project	Provo River from Interstate 15 to Utah Lake Total	Provo River from Interstate 15 to Utah Lake CUP	Provo River from Interstate 15 to Utah Lake PRP	Provo River from Interstate 15 to Utah Lake Non-Project	PRP Diversion to Provo Bench Canal PRP	June Sucker Releases CUP	June Sucker Releases PRP	June Sucker Releases Non-Project	75-cfs Target Releases Non-Project
481	1989	10	1,079	6	4,611	4,238	0	123	160	0	0	0	-250
482	1989	11	0	0	4,463	3,084	0	1,374	0	0	0	0	-5
483	1989	12	0	0	4,471	3,869	0	602	0	0	0	0	0
484	1990	1	0	0	3,648	3,397	0	251	0	0	0	0	0
485	1990	2	0	0	1,893	1,831	0	61	0	0	0	0	0
486	1990	3	0	0	3,260	3,204	0	57	0	0	0	0	0
487	1990	4	400	188	4,879	1,249	0	3,611	80	0	0	0	-19
488	1990	5	1,171	4,004	11,646	10,950	0	0	160	-2,875	-4,000	-1,284	-695
489	1990	6	1,899	4,871	4,768	4,034	0	0	320	0	0	-1,518	-734
490	1990	7	3,866	3,268	4,611	3,949	0	0	640	0	0	-1,085	-662
491	1990	8	164	2,116	3,348	2,647	0	59	610	0	0	0	-642
492	1990	9	0	2,561	4,127	3,540	0	12	0	0	0	0	-575
493	1990	10	0	285	4,611	4,071	0	110	0	0	0	0	-431
494	1990	11	0	0	4,463	3,190	0	1,265	0	0	0	0	-8
495	1990	12	0	0	4,611	4,392	0	220	0	0	0	0	0
496	1991	1	0	0	4,611	4,471	0	141	0	0	0	0	0
497	1991	2	0	0	1,494	1,402	0	92	0	0	0	0	0
498	1991	3	0	0	1,620	1,537	0	82	0	0	0	0	0
499	1991	4	0	188	4,879	4,768	0	111	0	-2,875	-2,004	0	0
500	1991	5	1,171	2,626	7,529	7,191	0	0	160	0	-1,996	-796	-338
501	1991	6	1,899	5,119	5,476	4,838	0	0	320	0	0	-1,543	-638
502	1991	7	3,866	2,861	4,900	2,099	0	2,376	640	0	0	-889	-425
503	1991	8	4,028	1,135	4,354	3,856	0	60	610	0	0	0	-438
504	1991	9	99	1,907	4,072	3,571	0	24	480	0	0	0	-4[illegible]
505	1991	10	0	285	4,611	4,426	0	29	0	0	0	0	-1
506	1991	11	0	0	4,463	2,661	0	1,797	0	0	0	0	[illegible]
507	1991	12	0	0	4,611	3,886	0	725	0	0	0	0	0
508	1992	1	0	0	4,611	3,966	0	646	0	0	0	0	0
509	1992	2	0	0	4,165	3,226	0	939	0	0	0	0	0
510	1992	3	0	0	2,245	1,361	0	884	0	0	0	0	0
511	1992	4	0	381	4,879	4,691	0	25	0	-2,875	-2,004	0	-164
512	1992	5	1,171	3,481	7,147	6,633	0	0	160	0	-1,996	-1,081	-514
513	1992	6	1,285	2,790	4,424	3,981	0	0	320	0	0	-878	-443
514	1992	7	0	711	4,001	2,640	0	1,047	0	0	0	-302	-313
515	1992	8	0	4	9,477	0	0	9,474	0	0	0	0	-3
516	1992	9	0	563	3,951	3,540	0	67	0	0	0	0	-344
517	1992	10	0	147	4,611	4,334	0	56	0	0	0	0	-221
518	1992	11	0	0	4,441	2,833	0	1,608	0	0	0	0	0
519	1992	12	0	0	2,155	1,679	0	475	0	0	0	0	0
520	1993	1	0	0	3,138	1,538	0	1,600	0	0	0	0	0
521	1993	2	0	0	2,364	1,389	0	975	0	0	0	0	0
522	1993	3	0	0	5,707	1,863	0	3,844	0	0	0	0	0
523	1993	4	400	601	9,877	3,722	0	5,994	80	0	0	0	-161
524	1993	5	1,171	4,032	12,692	11,095	0	977	160	-2,875	-4,000	-1,261	-620
525	1993	6	1,899	4,564	5,488	4,740	0	1	320	0	0	-1,446	-747
526	1993	7	3,866	3,268	5,373	4,655	0	0	640	0	0	-1,107	-718
527	1993	8	4,028	2,116	4,575	3,856	0	63	610	0	0	0	-656
528	1993	9	2,670	2,561	4,463	3,940	0	0	480	0	0	0	-523
529	1993	10	1,079	285	4,611	3,285	0	928	160	0	0	0	-398
530	1993	11	0	0	4,463	2,876	0	1,587	0	0	0	0	0
531	1993	12	0	0	4,611	3,382	0	1,229	0	0	0	0	0
532	1994	1	0	0	4,611	3,350	0	1,261	0	0	0	0	0
533	1994	2	0	0	3,607	1,742	0	1,865	0	0	0	0	0
534	1994	3	0	0	2,710	0	0	2,710	0	0	0	0	0
535	1994	4	400	766	4,879	3,951	0	865	80	-2,875	-1,924	0	-63
536	1994	5	1,171	4,528	8,230	7,690	0	0	160	0	-2,076	-1,355	-5[illegible]
537	1994	6	1,899	3,746	4,768	4,209	0	0	320	0	0	-1,165	-5[illegible]
538	1994	7	3,866	1,471	4,611	4,093	0	0	640	0	0	-575	-51[illegible]
539	1994	8	4,028	1,469	4,354	3,856	0	42	610	0	0	0	-455
540	1994	9	859	865	4,239	3,809	0	57	480	0	0	0	-373

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:				1	2	3	4	5	6	7	8
Table Number:			P-0	P-1a	P-1b	P-1c	P-1d	P-2a	P-2b	P-2c	P-2d
Month Number	Year	Month	Foreign Water into Jordanelle PRP	Provo River Release from Jordanelle Total	Provo River Release from Jordanelle CUP	Provo River Release from Jordanelle PRP	Provo River Release from Jordanelle Non-Project	Provo River from Timpanogos to River Ditch Total	Provo River from Timpanogos to River Ditch CUP	Provo River from Timpanogos to River Ditch PRP	Provo River from Timpanogos to River Ditch Non-Project
541	1994	10	901	9,096	4,115	2,988	1,993	8,867	3,944	2,988	1,935
542	1994	11	4,219	7,931	4,791	2,647	494	7,931	4,791	2,647	494
543	1994	12	3,839	7,989	4,783	2,903	303	7,989	4,783	2,903	303
544	1995	1	3,450	7,754	4,990	2,566	198	7,754	4,990	2,566	198
545	1995	2	2,493	7,095	4,181	2,761	153	7,095	4,181	2,761	153
546	1995	3	6,665	7,808	3,284	4,402	122	7,808	3,284	4,402	122
547	1995	4	10,610	9,268	2,997	4,441	1,831	9,154	2,997	4,441	1,716
548	1995	5	36,814	21,726	4,252	3,722	13,752	20,139	4,205	3,722	12,213
549	1995	6	13,690	28,317	6,028	12,643	9,646	26,129	5,478	12,643	8,009
550	1995	7	36,745	87,713	10,251	28,958	48,504	84,480	8,607	28,958	46,915
551	1995	8	0	35,053	13,597	0	21,456	32,118	12,064	0	20,054
552	1995	9	28	14,171	9,121	1,634	3,417	12,784	8,536	1,634	2,614
553	1995	10	3,103	9,229	3,738	2,487	3,004	9,000	3,567	2,487	2,946
554	1995	11	4,622	9,764	5,479	1,566	2,718	9,764	5,479	1,566	2,718
555	1995	12	1,109	9,936	5,611	1,586	2,739	9,936	5,611	1,586	2,739
556	1996	1	3,991	9,223	6,730	1,290	1,203	9,223	6,730	1,290	1,203
557	1996	2	3,409	8,628	5,470	3,019	139	8,628	5,470	3,019	139
558	1996	3	5,795	9,329	3,975	5,354	0	9,329	3,975	5,354	0
559	1996	4	12,788	8,003	4,986	2,693	324	7,889	4,986	2,693	209
560	1996	5	11,245	49,937	4,369	34,029	11,539	48,350	4,321	34,029	10,000
561	1996	6	42,986	82,680	3,764	35,983	42,933	80,493	3,214	35,983	41,296
562	1996	7	13,583	33,585	13,217	2,791	17,577	30,352	11,573	2,791	15,988
563	1996	8	1,683	31,715	16,906	8,015	6,794	28,780	15,373	8,015	5,392
564	1996	9	634	21,744	10,320	6,643	4,781	20,357	9,735	6,643	3,978
565	1996	10	441	9,765	3,493	1,432	4,841	9,536	3,322	1,432	4,783
566	1996	11	4,815	8,926	3,804	2,648	2,474	8,926	3,804	2,648	2,474
567	1996	12	1,783	9,223	5,653	1,941	1,629	9,223	5,653	1,941	1,629
568	1997	1	3,886	9,223	6,126	1,600	1,497	9,223	6,126	1,600	1,497
569	1997	2	4,238	8,331	6,261	597	1,473	8,331	6,261	597	1,473
570	1997	3	7,082	7,686	7,686	0	0	7,686	7,686	0	0
571	1997	4	11,736	34,616	6,977	14,141	13,498	34,502	6,977	14,141	13,384
572	1997	5	18,889	67,119	4,999	33,192	28,928	65,532	4,952	33,192	27,389
573	1997	6	15,107	63,595	6,414	33,259	23,922	61,408	5,864	33,259	22,284
574	1997	7	5,549	40,413	17,004	2,216	21,193	37,180	15,360	2,216	19,604
575	1997	8	0	25,592	21,387	67	4,138	22,658	19,854	67	2,736
576	1997	9	3,820	19,054	12,818	2,111	4,125	17,666	12,233	2,111	3,322
577	1997	10	815	10,333	4,316	1,034	4,983	10,104	4,145	1,034	4,925
578	1997	11	3,091	9,472	5,361	863	3,248	9,472	5,361	863	3,248
579	1997	12	4,963	9,201	5,405	826	2,971	9,201	5,405	826	2,971
580	1998	1	4,943	7,894	6,703	479	711	7,894	6,703	479	711
581	1998	2	4,369	7,611	6,142	261	1,208	7,611	6,142	261	1,208
582	1998	3	6,537	7,686	5,419	842	1,425	7,686	5,419	842	1,425
583	1998	4	11,834	8,349	1,438	5,234	1,677	8,234	1,438	5,234	1,562
584	1998	5	10,766	55,739	4,628	26,343	24,769	54,153	4,580	26,343	23,230
585	1998	6	16,346	61,362	5,322	30,224	25,816	59,175	4,772	30,224	24,179
586	1998	7	12,525	36,241	12,034	13,286	10,922	33,008	10,390	13,286	9,333
587	1998	8	2,148	23,449	16,207	7	7,234	20,514	14,674	7	5,832
588	1998	9	3,751	21,303	11,444	1,717	8,141	19,915	10,860	1,717	7,338
589	1998	10	8,911	8,177	4,182	1,657	2,338	7,948	4,011	1,657	2,280
590	1998	11	3,900	9,457	5,371	1,120	2,966	9,457	5,371	1,120	2,966
591	1998	12	5,695	8,429	5,416	1,071	1,942	8,429	5,416	1,071	1,942
592	1999	1	4,873	8,391	6,703	776	911	8,391	6,703	776	911
593	1999	2	4,542	6,942	4,344	2,599	0	6,942	4,344	2,599	0
594	1999	3	6,159	8,769	3,738	4,729	302	8,769	3,738	4,729	302
595	1999	4	11,765	24,310	1,415	10,779	12,116	24,196	1,415	10,779	12,001
596	1999	5	11,822	60,148	4,569	35,962	19,616	58,561	4,522	35,962	18,078
597	1999	6	19,388	64,614	5,258	34,422	24,933	62,427	4,708	34,422	23,296
598	1999	7	11,627	39,253	12,945	6,380	19,928	36,020	11,301	6,380	18,339
599	1999	8	2,601	28,078	15,757	3,312	9,009	25,143	14,224	3,312	7,607
600	1999	9	2,524	22,250	11,175	4,277	6,798	20,863	10,591	4,277	5,995

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			9	10	11	12	13	14	15	16	17	18
Table Number:			P-2e	P-2f	P-2g	P-3a	P-3b			P-3c	P-3d	P-4a
Month Number	Year	Month	Diversions into Timpanogos Canal Total	Diversions into Timpanogos Canal CUP	Diversions into Timpanogos Canal Non-Project	Provo from River Ditch to Snake Creek Total	Provo from River Ditch to Snake Creek CUP	Diversions in Reach CUP	Diversions in Reach VCWEP Mitigatio	Provo from River Ditch to Snake Creek PRP	Provo from River Ditch to Snake Creek Non-Project	Provo River from Snake Creek to Deer Creek Reservoir Total
541	1994	10	229	171	58	7,686	3,063	922	1,073	2,988	1,635	12,635
542	1994	11	0	0	0	7,438	4,791	0	0	2,647	0	13,649
543	1994	12	0	0	0	7,686	4,783	0	0	2,903	0	12,708
544	1995	1	0	0	0	7,686	4,990	0	0	2,566	129	12,662
545	1995	2	0	0	0	7,250	4,181	0	0	2,761	308	11,445
546	1995	3	0	0	0	8,129	3,284	0	0	4,402	443	12,228
547	1995	4	115	0	115	7,438	2,997	0	113	4,441	0	8,953
548	1995	5	1,587	48	1,539	11,504	4,197	0	1,024	3,722	3,586	13,054
549	1995	6	2,188	550	1,637	17,998	5,355	32	869	12,643	0	23,684
550	1995	7	3,233	1,644	1,589	75,159	7,830	539	261	28,958	38,371	78,422
551	1995	8	2,935	1,533	1,402	22,573	7,582	4,574	1,848	0	14,990	28,139
552	1995	9	1,388	584	803	7,438	4,841	3,897	1,649	1,634	964	11,358
553	1995	10	229	171	58	7,686	2,687	922	1,188	2,487	2,513	14,879
554	1995	11	0	0	0	9,725	5,479	0	135	1,566	2,679	16,656
555	1995	12	0	0	0	8,967	5,611	0	817	1,586	1,770	14,520
556	1996	1	0	0	0	9,129	6,730	0	0	1,290	1,109	14,007
557	1996	2	0	0	0	8,810	5,470	0	0	3,019	321	13,022
558	1996	3	0	0	0	10,800	3,975	0	0	5,354	1,471	16,021
559	1996	4	115	0	115	8,244	4,986	0	113	2,693	565	11,973
560	1996	5	1,587	48	1,539	38,342	4,313	0	1,024	34,029	0	40,822
561	1996	6	2,188	550	1,637	69,546	3,091	32	869	35,983	30,472	73,380
562	1996	7	3,233	1,644	1,589	19,093	10,796	539	261	2,791	5,506	22,727
563	1996	8	2,935	1,533	1,402	19,775	10,891	4,574	252	8,015	869	24,745
564	1996	9	1,388	584	803	15,084	6,040	3,897	248	6,643	2,401	21,518
565	1996	10	229	171	58	7,686	2,441	922	1,655	1,432	3,813	14,020
566	1996	11	0	0	0	7,886	3,804	0	0	2,648	1,434	15,843
567	1996	12	0	0	0	9,427	5,653	0	0	1,941	1,833	15,137
568	1997	1	0	0	0	8,883	6,126	0	0	1,600	1,157	14,195
569	1997	2	0	0	0	7,001	6,261	0	1,059	597	143	11,117
570	1997	3	0	0	0	8,986	7,686	0	0	0	1,300	14,312
571	1997	4	115	0	115	35,524	6,977	0	113	14,141	14,406	41,270
572	1997	5	1,587	48	1,539	60,345	4,944	0	1,039	33,192	22,210	69,246
573	1997	6	2,188	550	1,637	54,918	5,741	32	869	33,259	15,917	66,166
574	1997	7	3,233	1,644	1,589	28,141	14,583	539	261	2,216	11,342	34,616
575	1997	8	2,935	1,533	1,402	15,889	15,372	4,574	252	67	449	23,963
576	1997	9	1,388	584	803	13,467	8,538	3,897	248	2,111	2,817	22,363
577	1997	10	229	171	58	7,686	3,264	922	2,065	1,034	3,387	13,194
578	1997	11	0	0	0	8,918	5,361	0	441	863	2,694	16,309
579	1997	12	0	0	0	7,686	5,405	0	1,206	826	1,456	11,776
580	1998	1	0	0	0	7,686	6,703	0	166	479	503	14,146
581	1998	2	0	0	0	6,942	6,142	0	533	261	539	10,727
582	1998	3	0	0	0	8,461	5,419	0	0	842	2,200	14,751
583	1998	4	115	0	115	9,298	1,438	0	113	5,234	2,626	15,751
584	1998	5	1,587	48	1,539	49,476	4,572	0	1,024	26,343	18,561	60,572
585	1998	6	2,188	550	1,637	53,012	4,650	32	869	30,224	18,139	65,065
586	1998	7	3,233	1,644	1,589	24,975	9,612	539	261	13,286	2,077	33,186
587	1998	8	2,935	1,533	1,402	13,040	10,193	4,574	252	7	2,840	23,567
588	1998	9	1,388	584	803	15,507	7,164	3,897	248	1,717	6,625	25,630
589	1998	10	229	171	58	8,047	3,131	922	73	1,657	3,260	20,942
590	1998	11	0	0	0	8,609	5,371	0	676	1,120	2,119	16,304
591	1998	12	0	0	0	7,686	5,416	0	592	1,071	1,199	13,246
592	1999	1	0	0	0	7,686	6,703	0	561	776	206	13,506
593	1999	2	0	0	0	7,028	4,344	0	0	2,599	86	13,282
594	1999	3	0	0	0	8,467	3,738	0	0	4,729	0	13,416
595	1999	4	115	0	115	24,119	1,415	0	113	10,779	11,925	28,827
596	1999	5	1,587	48	1,539	50,941	4,513	0	1,180	35,962	10,465	57,756
597	1999	6	2,188	550	1,637	54,734	4,585	32	869	34,422	15,727	62,463
598	1999	7	3,233	1,644	1,589	26,424	10,523	539	261	6,380	9,520	31,488
599	1999	8	2,935	1,533	1,402	17,381	9,742	4,574	252	3,312	4,327	24,818
600	1999	9	1,388	584	803	16,340	6,895	3,897	248	4,277	5,168	24,016

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			19	20	21	22	23	24	25	26	27	28
Table Number:			P-4b	P-4c	P-4d		P-5a	P-5b	P-5c	P-5d	P-5e	P-5f
Month Number	Year	Month	Provo River from Snake Creek to Deer Creek Reservoir CUP	Provo River from Snake Creek to Deer Creek Reservoir PRP	Provo River from Snake Creek to Deer Creek Reservoir Non-Project	CUP Return Flow Gains above Deer Creek CUP	Provo River from Outlet of Deer Creek to North Fork Total	Provo River from Outlet of Deer Creek to North Fork CUP	Provo River from Outlet of Deer Creek to North Fork PRP	Provo River from Outlet of Deer Creek to North Fork Non-Project	Diversions into Salt Lake Aqueduct Total	Diversions into Salt Lake Aqueduct CUP
541	1994	10	3,063	2,988	6,584	0	7,241	4,659	0	2,582	2,014	0
542	1994	11	4,791	2,647	6,211	0	5,950	5,239	202	510	3,779	0
543	1994	12	4,783	2,903	5,022	0	6,149	5,036	392	721	3,377	0
544	1995	1	4,990	2,566	5,105	0	6,149	3,721	1,942	486	1,447	0
545	1995	2	4,181	2,761	4,503	0	5,554	2,333	2,413	808	19	0
546	1995	3	3,284	4,402	4,542	0	6,149	1,690	2,038	2,420	1,877	0
547	1995	4	2,997	4,441	1,515	593	5,950	2,805	1,601	1,545	493	0
548	1995	5	4,197	3,722	5,136	5,014	29,575	10,422	6,687	12,466	2,530	0
549	1995	6	5,355	12,643	5,686	3,106	26,438	8,526	4,419	13,494	7,700	0
550	1995	7	7,830	28,958	41,634	1,964	41,722	11,006	9,946	20,770	7,290	0
551	1995	8	7,582	0	20,557	740	27,549	11,510	9,304	6,735	7,700	0
552	1995	9	4,841	1,634	4,884	804	21,205	7,853	6,244	7,108	7,710	0
553	1995	10	2,687	2,487	9,705	0	6,868	4,232	2,488	147	6,100	0
554	1995	11	5,479	1,566	9,610	0	6,018	6,019	0	0	4,490	0
555	1995	12	5,611	1,586	7,323	0	6,149	5,974	175	0	4,315	0
556	1996	1	6,730	1,290	5,986	0	11,755	5,015	0	6,740	4,600	0
557	1996	2	5,470	3,019	4,533	0	5,752	3,877	1,875	0	2,155	0
558	1996	3	3,975	5,354	6,692	0	7,560	2,376	0	5,184	3,910	0
559	1996	4	4,986	2,693	4,294	0	20,027	4,200	944	14,884	1,150	0
560	1996	5	4,313	34,029	2,480	5,014	58,636	5,591	8,794	44,251	2,530	0
561	1996	6	3,091	35,983	34,305	2,217	79,735	5,682	5,847	68,206	7,700	0
562	1996	7	10,796	2,791	9,140	1,964	45,168	15,549	15,408	14,211	7,290	0
563	1996	8	10,891	8,015	5,839	740	31,744	12,491	9,304	9,949	7,700	0
564	1996	9	6,040	6,643	8,835	804	26,313	8,638	6,282	11,393	7,710	0
565	1996	10	2,441	1,432	10,147	0	8,807	3,970	2,494	2,343	6,100	0
566	1996	11	3,804	2,648	9,391	0	5,950	4,022	248	1,681	4,473	0
567	1996	12	5,653	1,941	7,543	0	6,149	5,441	708	0	3,782	0
568	1997	1	6,126	1,600	6,469	0	6,149	3,652	747	1,749	3,859	0
569	1997	2	6,261	597	4,259	0	5,554	4,387	884	283	3,160	0
570	1997	3	7,686	0	6,626	0	13,419	7,623	0	5,796	3,910	0
571	1997	4	6,977	14,141	20,152	0	53,910	7,631	11,564	34,715	1,150	0
572	1997	5	4,944	33,192	31,111	5,014	86,073	7,665	8,687	69,720	2,530	0
573	1997	6	5,741	33,259	27,165	2,146	79,286	11,275	10,419	57,592	7,700	0
574	1997	7	14,583	2,216	17,817	1,964	48,166	19,509	14,054	14,603	7,290	0
575	1997	8	15,372	67	8,523	740	36,835	17,432	9,304	10,099	7,700	0
576	1997	9	8,538	2,111	11,714	804	28,120	12,010	6,244	9,867	7,710	0
577	1997	10	3,264	1,034	8,895	0	8,297	5,603	2,588	106	6,100	0
578	1997	11	5,361	863	10,085	0	5,981	5,788	194	0	4,490	0
579	1997	12	5,405	826	5,545	0	6,149	5,159	989	0	3,522	0
580	1998	1	6,703	479	6,964	0	6,149	4,306	1,557	285	3,048	0
581	1998	2	6,142	261	4,324	0	5,554	4,252	1,048	254	2,988	0
582	1998	3	5,419	842	8,491	0	6,149	3,790	2,358	0	1,557	0
583	1998	4	1,438	5,234	9,080	593	11,758	4,501	6,705	552	1,150	0
584	1998	5	4,572	26,343	29,657	0	77,733	7,184	8,687	61,861	2,530	0
585	1998	6	4,650	30,224	30,192	2,222	75,386	8,879	10,419	56,089	7,700	0
586	1998	7	9,612	13,286	10,288	1,964	45,276	14,749	16,267	14,259	7,290	0
587	1998	8	10,193	7	13,367	740	29,695	11,950	9,304	8,440	7,700	0
588	1998	9	7,164	1,717	16,749	804	25,029	10,164	6,244	8,621	7,710	0
589	1998	10	3,131	1,657	16,154	0	7,113	4,625	2,488	0	6,100	0
590	1998	11	5,371	1,120	9,813	0	6,006	5,801	206	0	4,490	0
591	1998	12	5,416	1,071	6,759	0	6,149	5,172	977	0	3,522	0
592	1999	1	6,703	776	6,026	0	6,149	4,306	1,564	278	3,041	0
593	1999	2	4,344	2,599	6,340	0	9,302	3,778	5	5,518	4,030	0
594	1999	3	3,738	4,729	4,950	0	15,105	4,141	4,944	6,020	3,910	0
595	1999	4	1,415	10,779	16,633	0	32,248	4,109	9,113	19,026	1,150	0
596	1999	5	4,513	35,962	17,280	0	71,815	7,174	8,687	55,954	2,530	0
597	1999	6	4,585	34,422	23,455	2,416	63,556	8,857	10,419	44,280	7,700	0
598	1999	7	10,523	6,380	14,584	1,964	50,107	16,080	19,495	14,532	7,290	0
599	1999	8	9,742	3,312	11,764	740	30,614	11,928	9,304	9,381	7,700	0
600	1999	9	6,895	4,277	12,844	804	26,903	10,142	6,244	10,516	7,710	0

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			29	30	31	32	33	34	35	36	37	38
Table Number:			P-5g	P-6a	P-6b	P-6c	P-6d	P-7a	P-7b	P-7c	P-7d	P-7e
Month Number	Year	Month	Diversions into Salt Lake Aqueduct PRP	Provo River from North Fork to Olmsted Total	Provo River from North Fork to Olmsted CUP	Provo River from North Fork to Olmsted PRP	Provo River from North Fork to Olmsted Non-Project	Provo River from Olmsted to Murdock Total	Provo River from Olmsted to Murdock CUP	Provo River from Olmsted to Murdock PRP	Provo River from Olmsted to Murdock Non-Project	Diversions into Olmsted Aqueduct Total
541	1994	10	2,014	8,369	4,659	0	3,710	6,759	1,006	0	5,754	5,139
542	1994	11	3,779	6,835	5,239	202	1,395	4,350	1,709	0	2,641	4,520
543	1994	12	3,377	6,839	5,036	392	1,411	4,433	2,407	0	2,026	4,023
544	1995	1	1,447	6,907	3,721	1,942	1,245	4,411	2,523	0	1,889	4,493
545	1995	2	19	6,237	2,333	2,413	1,491	4,018	1,726	0	2,292	4,241
546	1995	3	1,877	6,276	1,690	2,038	2,547	5,127	0	0	5,126	5,081
547	1995	4	493	7,707	2,805	1,601	3,302	6,066	665	480	4,921	5,474
548	1995	5	2,530	32,652	10,422	6,687	15,543	27,260	4,029	5,331	17,900	18,640
549	1995	6	7,700	32,108	8,526	4,419	19,164	24,339	0	2,219	22,121	21,681
550	1995	7	7,290	44,579	11,006	9,946	23,627	30,703	0	5,284	25,420	23,434
551	1995	8	7,700	30,733	11,510	9,304	9,919	19,184	0	4,638	14,546	21,204
552	1995	9	7,710	23,947	7,853	6,244	9,850	18,397	0	3,150	15,247	17,034
553	1995	10	6,100	8,110	4,232	2,488	1,389	7,852	2,934	1,239	3,679	4,034
554	1995	11	4,490	7,280	6,019	0	1,262	6,381	2,587	0	3,794	4,220
555	1995	12	4,315	7,233	5,974	175	1,085	5,452	2,462	0	2,990	4,689
556	1996	1	4,600	12,394	5,015	0	7,379	9,593	501	0	9,092	4,514
557	1996	2	2,155	6,574	3,877	1,875	822	3,848	1,609	0	2,239	5,408
558	1996	3	3,910	8,822	2,376	0	6,446	8,998	0	0	8,997	3,729
559	1996	4	1,150	21,937	4,200	944	16,794	19,090	0	480	18,610	6,615
560	1996	5	2,530	62,067	5,591	8,794	47,682	56,153	0	7,331	48,822	18,714
561	1996	6	7,700	83,408	5,682	5,847	71,879	75,858	0	3,408	72,450	19,655
562	1996	7	7,290	48,305	15,549	15,408	17,348	33,212	2,875	10,928	19,409	24,919
563	1996	8	7,700	33,929	12,491	9,304	12,134	19,751	0	4,638	15,114	22,185
564	1996	9	7,710	27,638	8,638	6,282	12,718	18,104	0	3,150	14,954	17,857
565	1996	10	6,100	9,093	3,970	2,494	2,629	4,957	768	1,239	2,950	5,135
566	1996	11	4,473	6,472	4,022	248	2,203	2,678	0	0	2,678	5,155
567	1996	12	3,782	7,472	5,441	708	1,323	5,523	1,788	0	3,734	5,713
568	1997	1	3,859	6,818	3,652	747	2,418	3,453	0	0	3,452	5,752
569	1997	2	3,160	6,015	4,387	884	744	2,622	1,389	0	1,234	5,104
570	1997	3	3,910	15,148	7,623	0	7,525	15,432	3,775	0	11,657	5,201
571	1997	4	1,150	57,014	7,631	11,564	37,819	54,583	1,174	11,101	42,309	8,872
572	1997	5	2,530	91,693	7,665	8,687	75,340	88,134	1,332	7,331	79,471	17,053
573	1997	6	7,700	84,033	11,275	10,419	62,339	74,774	1,173	8,219	65,382	24,674
574	1997	7	7,290	51,834	19,509	14,054	18,271	36,124	2,875	12,006	21,243	27,668
575	1997	8	7,700	39,382	17,432	9,304	12,646	21,366	0	5,077	16,289	27,668
576	1997	9	7,710	30,063	12,010	6,244	11,810	18,629	0	3,150	15,479	21,977
577	1997	10	6,100	9,248	5,603	2,588	1,057	4,777	768	1,239	2,770	7,467
578	1997	11	4,490	6,582	5,788	194	601	4,698	2,355	0	2,343	4,512
579	1997	12	3,522	6,699	5,159	989	551	4,113	2,390	0	1,723	5,111
580	1998	1	3,048	6,554	4,306	1,557	690	2,606	1,538	0	1,068	5,679
581	1998	2	2,988	5,773	4,252	1,048	473	1,951	1,389	0	562	4,482
582	1998	3	1,557	6,914	3,790	2,358	766	3,588	1,905	0	1,683	5,596
583	1998	4	1,150	13,469	4,501	6,705	2,263	14,953	4,325	6,241	4,387	2,592
584	1998	5	2,530	83,534	7,184	8,687	67,662	81,875	1,174	7,331	73,371	16,670
585	1998	6	7,700	81,205	8,879	10,419	61,908	74,660	1,173	8,219	65,268	22,158
586	1998	7	7,290	51,142	14,749	16,267	20,125	37,162	2,875	11,787	22,500	27,013
587	1998	8	7,700	33,655	11,950	9,304	12,401	21,937	0	4,638	17,299	22,626
588	1998	9	7,710	27,335	10,164	6,244	10,927	17,956	0	3,150	14,806	20,131
589	1998	10	6,100	8,506	4,625	2,488	1,393	6,628	1,543	1,239	3,846	6,079
590	1998	11	4,490	6,788	5,801	206	782	4,720	2,368	0	2,352	4,524
591	1998	12	3,522	6,604	5,172	977	455	3,164	2,403	0	761	5,098
592	1999	1	3,041	6,610	4,306	1,564	739	2,527	1,538	0	989	5,686
593	1999	2	4,030	9,762	3,778	5	5,978	7,891	1,566	0	6,325	3,440
594	1999	3	3,910	15,711	4,141	4,944	6,626	14,439	2,256	4,938	7,244	3,243
595	1999	4	1,150	32,708	4,109	9,113	19,486	31,718	3,932	8,629	19,157	2,613
596	1999	5	2,530	75,874	7,174	8,687	60,013	72,013	1,174	7,331	63,508	16,659
597	1999	6	7,700	68,791	8,857	10,419	49,515	61,915	1,173	8,219	52,523	22,136
598	1999	7	7,290	53,194	16,080	19,495	17,619	38,478	2,875	15,016	20,588	26,803
599	1999	8	7,700	32,676	11,928	9,304	11,443	19,152	0	4,638	14,514	21,680
600	1999	9	7,710	28,443	10,142	6,244	12,056	18,336	0	3,150	15,186	19,879

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			39	40	41	42	43	44	45	46	47	48
Table Number:			P-7f	P-7g	P-7h	P-7i	P-8a	P-8b	P-8c	P-8d	P-8e	P-8f
Month Number	Year	Month	Diversions into Olmsted Aqueduct CUP	Diversions into Olmsted Aqueduct Ap 40524	Diversions into Olmsted Aqueduct PRP	Diversions into Olmsted Aqueduct Non-Project	Provo River from Murdock to Interstate15 Total	Provo River from Murdock to Interstate15 CUP	Provo River from Murdock to Interstate15 PRP	Provo River from Murdock to Interstate15 Non-Project	Diversions into Provo Reservoir Canal Total	ULS Water in Provo Reservoir Canal CUP
541	1994	10	4,462	808	0	678	5,990	1,006	0	4,984	2,412	2,127
542	1994	11	4,318	788	202	0	4,506	1,709	0	2,797	0	0
543	1994	12	3,631	1,002	392	0	4,564	2,407	0	2,158	0	0
544	1995	1	2,551	1,353	1,942	0	4,547	2,523	0	2,025	0	0
545	1995	2	1,829	1,222	2,413	0	4,137	1,726	0	2,411	0	0
546	1995	3	3,043	1,353	2,038	0	5,206	0	0	5,205	0	0
547	1995	4	3,449	1,309	1,120	904	4,829	790	80	3,959	2,596	1,815
548	1995	5	6,393	0	1,357	10,891	11,036	10,237	160	639	8,439	2,685
549	1995	6	8,526	0	2,200	10,955	10,102	4,655	320	5,127	10,948	4,440
550	1995	7	11,006	0	4,662	7,765	16,650	2,282	1,417	12,950	12,174	5,040
551	1995	8	11,510	0	4,667	5,027	13,009	3,856	610	8,544	10,926	4,783
552	1995	9	7,853	0	3,094	6,087	9,396	1,245	480	7,671	8,832	3,600
553	1995	10	2,107	808	1,250	678	10,854	7,686	160	3,007	3,491	2,127
554	1995	11	4,220	788	0	0	6,604	2,587	0	4,017	0	0
555	1995	12	4,514	1,002	175	0	5,657	2,462	0	3,195	0	0
556	1996	1	4,514	0	0	0	9,709	501	0	9,208	0	0
557	1996	2	3,533	1,265	1,875	0	4,500	2,120	0	2,381	0	0
558	1996	3	3,729	1,353	0	0	9,193	0	0	9,192	0	0
559	1996	4	5,509	1,309	464	642	18,322	125	80	18,117	2,485	1,815
560	1996	5	6,884	1,293	1,463	10,367	41,469	366	6,160	34,943	8,218	2,685
561	1996	6	6,858	1,176	2,439	10,359	60,738	594	1,510	58,634	10,698	4,440
562	1996	7	12,674	0	4,480	7,765	16,274	4,085	3,062	9,127	12,174	5,040
563	1996	8	12,491	0	4,667	5,027	13,020	3,856	610	8,554	10,926	4,783
564	1996	9	8,638	0	3,132	6,087	11,199	4,040	480	6,680	8,832	3,600
565	1996	10	3,201	0	1,256	678	7,970	5,717	160	2,092	3,491	2,127
566	1996	11	4,907	885	248	0	7,232	4,463	0	2,769	0	0
567	1996	12	5,005	1,353	708	0	7,656	3,689	0	3,967	0	0
568	1997	1	5,005	1,353	747	0	5,088	1,503	0	3,584	0	0
569	1997	2	4,220	1,222	884	0	4,262	2,967	0	1,295	0	0
570	1997	3	5,201	1,353	0	0	15,837	3,775	0	12,062	0	0
571	1997	4	7,766	1,309	464	642	54,212	1,299	10,700	42,212	2,485	1,815
572	1997	5	7,686	1,353	1,357	8,010	77,469	1,698	6,160	69,610	7,226	2,685
573	1997	6	11,411	1,309	2,200	11,062	58,921	1,768	6,320	50,833	10,994	4,440
574	1997	7	16,634	0	2,049	8,986	17,128	6,061	1,708	9,358	15,119	5,040
575	1997	8	17,432	0	4,227	6,010	12,838	3,856	610	8,372	11,779	4,783
576	1997	9	12,010	0	3,094	6,873	10,785	4,128	480	6,178	9,162	3,600
577	1997	10	5,178	343	1,349	940	7,525	5,717	160	1,648	3,601	2,127
578	1997	11	4,318	885	194	0	6,612	4,192	0	2,421	0	0
579	1997	12	4,122	1,353	989	0	4,592	2,794	0	1,798	0	0
580	1998	1	4,122	1,353	1,557	0	5,107	3,989	0	1,118	0	0
581	1998	2	3,435	571	1,048	0	4,711	4,120	0	591	0	0
582	1998	3	3,238	1,353	2,358	0	3,832	2,064	0	1,768	0	0
583	1998	4	1,486	1,309	464	642	14,060	4,450	5,841	3,769	2,485	1,815
584	1998	5	7,304	1,293	1,357	8,010	71,075	1,540	6,160	63,374	7,226	2,685
585	1998	6	8,881	1,176	2,200	11,077	58,986	1,768	6,320	50,898	11,000	4,440
586	1998	7	13,227	1,353	4,480	9,306	18,160	4,085	3,921	10,154	12,822	5,040
587	1998	8	11,950	0	4,667	6,010	13,806	3,856	610	9,340	11,340	4,783
588	1998	9	10,164	0	3,094	6,873	10,011	4,096	480	5,436	9,162	3,600
589	1998	10	3,890	808	1,250	940	7,255	4,357	160	2,738	3,601	2,127
590	1998	11	4,318	885	206	0	4,808	2,368	0	2,440	0	0
591	1998	12	4,122	1,353	977	0	3,329	2,507	0	822	0	0
592	1999	1	4,122	1,353	1,564	0	4,338	3,288	0	1,050	0	0
593	1999	2	3,435	1,222	5	0	7,952	1,566	0	6,386	0	0
594	1999	3	3,238	1,353	6	0	14,506	2,256	4,938	7,311	0	0
595	1999	4	1,486	1,309	485	642	30,623	4,057	8,229	18,337	2,485	1,815
596	1999	5	7,293	1,293	1,357	8,010	60,777	1,540	6,160	53,077	7,226	2,685
597	1999	6	8,860	1,176	2,200	11,076	46,352	1,768	6,320	38,264	11,000	4,440
598	1999	7	13,206	0	4,480	9,118	19,473	4,085	7,149	8,238	12,743	5,040
599	1999	8	11,928	0	4,667	5,085	12,217	3,856	610	7,751	10,951	4,783
600	1999	9	10,143	0	3,094	6,642	10,620	4,013	480	6,128	9,065	3,600

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:			49	50	51	52	53	54	55	56	57	58	59
Table Number:			P-8g	P-8h	P-9a	P-9b	P-9c	P-9d	P-9e				
Month Number	Year	Month	Diversions into Provo Reservoir Canal PRP	Diversions into Provo Reservoir Canal Non-Project	Provo River from Interstate 15 to Utah Lake Total	Provo River from Interstate 15 to Utah Lake CUP	Provo River from Interstate 15 to Utah Lake PRP	Provo River from Interstate 15 to Utah Lake Non-Project	PRP Diversion to Provo Bench Canal PRP	June Sucker Releases CUP	June Sucker Releases PRP	June Sucker Releases Non-Project	75-cfs Target Releases Non-Project
541	1994	10	0	285	5,178	1,006	0	4,116	0	0	0	0	-57
542	1994	11	0	0	4,406	1,709	0	2,698	0	0	0	0	0
543	1994	12	0	0	4,071	2,407	0	1,665	0	0	0	0	0
544	1995	1	0	0	3,812	2,523	0	1,289	0	0	0	0	0
545	1995	2	0	0	3,699	1,726	0	1,973	0	0	0	0	0
546	1995	3	0	0	5,058	0	0	5,058	0	0	0	0	0
547	1995	4	400	381	5,007	790	0	4,214	80	-665	0	0	-2
548	1995	5	1,171	4,583	10,701	10,237	0	281	160	-2,210	-4,000	-1,230	-183
549	1995	6	1,899	4,610	5,155	4,655	0	1	320	0	0	-1,360	-500
550	1995	7	3,866	3,268	9,270	2,282	777	5,558	640	0	0	-1,072	-653
551	1995	8	4,028	2,116	4,528	3,856	0	53	610	0	0	0	-620
552	1995	9	2,670	2,561	1,766	1,245	0	0	480	0	0	0	-521
553	1995	10	1,079	285	9,413	7,686	0	1,580	160	0	0	0	-147
554	1995	11	0	0	7,143	2,587	0	4,556	0	0	0	0	0
555	1995	12	0	0	5,855	2,462	0	3,393	0	0	0	0	0
556	1996	1	0	0	9,807	501	0	9,305	0	0	0	0	0
557	1996	2	0	0	4,165	2,120	0	2,046	0	0	0	0	0
558	1996	3	0	0	8,819	0	0	8,818	0	0	0	0	0
559	1996	4	400	270	16,492	125	0	16,213	80	0	0	0	-153
560	1996	5	1,171	4,362	35,407	366	6,000	28,584	160	0	0	0	-456
561	1996	6	1,899	4,359	53,932	594	1,190	51,468	320	0	0	0	-681
562	1996	7	3,866	3,268	7,214	4,085	2,422	32	640	-2,875	-4,000	0	-675
563	1996	8	4,028	2,116	4,457	3,856	0	37	610	0	0	0	-565
564	1996	9	2,670	2,561	4,463	4,040	0	0	480	0	0	0	-4[illegible]
565	1996	10	1,079	285	5,947	5,717	0	95	160	0	0	0	-[illegible]
566	1996	11	0	0	7,587	4,463	0	3,125	0	0	0	0	
567	1996	12	0	0	7,074	3,689	0	3,385	0	0	0	0	0
568	1997	1	0	0	4,611	1,503	0	3,108	0	0	0	0	0
569	1997	2	0	0	4,165	2,967	0	1,198	0	0	0	0	0
570	1997	3	0	0	15,181	3,775	0	11,406	0	0	0	0	0
571	1997	4	400	270	52,736	1,299	10,620	40,711	80	0	0	0	-105
572	1997	5	1,171	3,370	70,750	1,698	6,000	62,595	160	0	0	0	-456
573	1997	6	1,899	4,655	50,046	1,768	6,000	41,657	320	0	0	0	-622
574	1997	7	6,297	3,781	7,727	6,061	1,068	5	640	-2,875	-4,000	0	-593
575	1997	8	4,467	2,529	4,375	3,856	0	0	610	0	0	0	-519
576	1997	9	2,670	2,892	4,463	4,128	0	0	480	0	0	0	-335
577	1997	10	1,079	395	6,055	5,717	0	254	160	0	0	0	-84
578	1997	11	0	0	6,602	4,192	0	2,410	0	0	0	0	0
579	1997	12	0	0	4,611	2,794	0	1,817	0	0	0	0	0
580	1998	1	0	0	4,611	3,989	0	622	0	0	0	0	0
581	1998	2	0	0	4,165	4,120	0	45	0	0	0	0	0
582	1998	3	0	0	4,611	2,064	0	2,547	0	0	0	0	0
583	1998	4	400	270	13,236	4,450	5,761	2,948	80	0	0	0	-78
584	1998	5	1,171	3,370	64,559	1,540	6,000	56,603	160	0	0	0	-416
585	1998	6	1,899	4,661	51,179	1,768	6,000	42,818	320	0	0	0	-593
586	1998	7	3,866	3,916	8,339	4,085	3,281	313	640	-2,875	-4,000	0	-659
587	1998	8	4,028	2,529	4,447	3,856	0	14	610	0	0	0	-576
588	1998	9	2,670	2,892	4,463	4,096	0	0	480	0	0	0	-367
589	1998	10	1,079	395	8,417	4,357	0	3,973	160	0	0	0	-86
590	1998	11	0	0	6,205	2,368	0	3,837	0	0	0	0	0
591	1998	12	0	0	4,611	2,507	0	2,104	0	0	0	0	0
592	1999	1	0	0	4,611	3,288	0	1,323	0	0	0	0	0
593	1999	2	0	0	8,720	1,566	0	7,155	0	0	0	0	0
594	1999	3	0	0	16,661	2,256	4,938	9,466	0	0	0	0	0
595	1999	4	400	270	31,415	4,057	8,149	19,128	80	0	0	0	-81
596	1999	5	1,171	3,370	54,425	1,540	6,000	46,446	160	0	0	0	-4[illegible]
597	1999	6	1,899	4,661	37,642	1,768	6,000	29,266	320	0	0	0	-[illegible]
598	1999	7	3,866	3,837	11,224	4,085	6,509	0	640	-2,875	-4,000	0	-6[illegible]
599	1999	8	4,028	2,140	4,439	3,856	0	31	610	0	0	0	-552
600	1999	9	2,670	2,795	4,463	4,013	0	0	480	0	0	0	-450

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:		1	2	3	4	5	6	7	8
Table Number:	P-0	P-1a	P-1b	P-1c	P-1d	P-2a	P-2b	P-2c	P-2d
Month Number Year Month	Foreign Water into Jordanelle PRP	Provo River Release from Jordanelle Total	Provo River Release from Jordanelle CUP	Provo River Release from Jordanelle PRP	Provo River Release from Jordanelle Non-Project	Provo River from Timpanogos to River Ditch Total	Provo River from Timpanogos to River Ditch CUP	Provo River from Timpanogos to River Ditch PRP	Provo River from Timpanogos to River Ditch Non-Project
Average Annual:	85,600	249,189	92,299	77,141	79,748	237,529	87,769	77,141	72,618
Maximum Monthly:	82,626	97,759	26,356	64,213	48,504	95,961	24,932	64,213	46,971
Minimum Monthly:	0	6,942	429	0	0	6,942	429	0	0
Change from Baseline:	0	0	0	0	0	0	0	0	0
Formula:	from Baseline	(2)+(3)+(4)	Calculated separately	Calculated separately	Calculated separately	(6)+(7)+(8)	(2)-(10)	(3)	(4)-(11)

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:	9	10	11	12	13	14	15	16	17	18
Table Number:	P-2e	P-2f	P-2g	P-3a	P-3b			P-3c	P-3d	P-4a
Month Number Year Month	Diversions into Timpanogos Canal Total	Diversions into Timpanogos Canal CUP	Diversions into Timpanogos Canal Non-Project	Provo from River Ditch to Snake Creek Total	Provo from River Ditch to Snake Creek CUP	Diversions in Reach CUP	Diversions in Reach VCWEP Mitigatio	Provo from River Ditch to Snake Creek PRP	Provo from River Ditch to Snake Creek Non-Project	Provo River from Snake Creek to Deer Creek Reservoir Total
Average Annual:	11,660	4,530	7,130	188,976	77,799	9,970	6,060	77,141	34,036	266,021
Maximum Monthly:	3,833	2,103	2,386	85,759	21,387	7,442	2,770	64,213	45,040	93,472
Minimum Monthly:	0	0	0	6,942	429	0	0	0	0	8,953
Change from Baseline:	0	0	0	0	0	0	0	0	0	0
Formula:	(10)+(11)	from Baseline	from Baseline	(13)+(16)+(17)	(6)-(14)	from Baseline	from Baseline	(7)	(8)+gain-diversions	(19)+(20)+(21)

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:	19	20	21	22	23	24	25	26	27	28
Table Number:	P-4b	P-4c	P-4d		P-5a	P-5b	P-5c	P-5d	P-5e	P-5f
Month Number Year Month	Provo River from Snake Creek to Deer Creek Reservoir	Provo River from Snake Creek to Deer Creek Reservoir	Provo River from Snake Creek to Deer Creek Reservoir	CUP Return Flow Gains above Deer Creek	Provo River from Outlet of Deer Creek to North Fork	Provo River from Outlet of Deer Creek to North Fork	Provo River from Outlet of Deer Creek to North Fork	Provo River from Outlet of Deer Creek to North Fork	Diversions into Salt Lake Aqueduct	Diversions into Salt Lake Aqueduct
	CUP	PRP	Non-Project	CUP	Total	CUP	PRP	Non-Project	Total	CUP
Average Annual:	77,799	77,141	111,080	10,701	268,263	93,443	50,499	124,321	54,594	0
Maximum Monthly:	21,387	64,213	55,603	8,355	105,033	23,925	39,301	85,195	7,710	0
Minimum Monthly:	429	0	47	0	5,527	0	0	0	0	0
Change from Baseline:	0	0	0	0	3,489	3,205	3,490	-3,205	-3,489	0
Formula:	(13)	(16)	(17)+gain-diversions	from Baseline	(24)+(25)+(26)	Calculated separately	Calculated separately	Calculated separately	(28)+(29)	from Baseline

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:	29	30	31	32	33	34	35	36	37	38
Table Number:	P-5g	P-6a	P-6b	P-6c	P-6d	P-7a	P-7b	P-7c	P-7d	P-7e
Month Number Year Month	Diversions into Salt Lake Aqueduct PRP	Provo River from North Fork to Olmsted Total	Provo River from North Fork to Olmsted CUP	Provo River from North Fork to Olmsted PRP	Provo River from North Fork to Olmsted Non-Project	Provo River from Olmsted to Murdock Total	Provo River from Olmsted to Murdock CUP	Provo River from Olmsted to Murdock PRP	Provo River from Olmsted to Murdock Non-Project	Diversions into Olmsted Aqueduct Total
Average Annual:	54,594	287,155	93,443	50,499	143,213	205,196	13,959	32,509	158,729	142,765
Maximum Monthly:	7,710	112,966	23,925	39,301	94,048	106,510	12,399	37,262	98,292	27,669
Minimum Monthly:	0	5,714	0	0	166	1,591	0	0	94	5
Change from Baseline:	-3,489	3,489	3,205	3,490	-3,205	-11,286	6,080	-14,161	-3,205	14,775
Formula:	Calculated separately	(31)+(32)+(33)	(24)	(25)	(26)+gains	(35)+(36)+(37)	(31)-(39)	(32)-(41)	(33)+gains-(40)-(42)-diversions	(39)+(40)+(41)+(42)

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:	39	40	41	42	43	44	45	46	47	48
Table Number:	P-7f	P-7g	P-7h	P-7i	P-8a	P-8b	P-8c	P-8d	P-8e	P-8f
Month Number Year Month	Diversions into Olmsted Aqueduct CUP	Diversions into Olmsted Aqueduct Ap 40524	Diversions into Olmsted Aqueduct PRP	Diversions into Olmsted Aqueduct Non-Project	Provo River from Murdock to Interstate15 Total	Provo River from Murdock to Interstate15 CUP	Provo River from Murdock to Interstate15 PRP	Provo River from Murdock to Interstate15 Non-Project	Diversions into Provo Reservoir Canal Total	ULS Water in Provo Reservoir Canal CUP
Average Annual:	87,125	7,641	17,991	37,649	156,582	36,044	15,088	105,450	53,754	24,490
Maximum Monthly:	23,925	1,353	4,667	14,838	96,275	13,432	36,104	85,640	17,014	5,040
Minimum Monthly:	0	0	0	0	1,709	0	0	149	0	0
Change from Baseline:	-2,875	0	17,650	0	26,079	28,165	0	-2,085	2,329	24,490
Formula:	Calculated separately	from Baseline	Calculated separately	from Baseline	(44)+(45)+(46)	Calculated separately	(36)-(49)+(57)	(37)+gains-(50)-diversions	(48)+(49)+(50)	Calculated separately

PROVO RIVER SPREADSHEET MODEL - Monthly values in acre-feet

Column Number:	49	50	51	52	53	54	55	56	57	58	59
Table Number:	P-8g	P-8h	P-9a	P-9b	P-9c	P-9d	P-9e				
Month Number Year Month	Diversions into Provo Reservoir Canal PRP	Diversions into Provo Reservoir Canal Non-Project	Provo River from Interstate 15 to Utah Lake Total	Provo River from Interstate 15 to Utah Lake CUP	Provo River from Interstate 15 to Utah Lake PRP	Provo River from Interstate 15 to Utah Lake Non-Project	PRP Diversion to Provo Bench Canal PRP	June Sucker Releases CUP	June Sucker Releases PRP	June Sucker Releases Non-Project	75-cfs Target Releases Non-Project
Average Annual:	13,421	15,843	113,702	36,044	12,747	61,611	2,341	-2,875	-4,000	-2,085	-3,300
Maximum Monthly:	8,227	6,244	96,870	13,432	35,944	86,235	640	0	0	0	0
Minimum Monthly:	0	0	398	0	0	0	0	-2,875	-4,000	-1,845	-758
Change from Baseline:	-18,161	-4,000	31,465	28,165	0	0	0	-2,875	-4,000	-2,085	-3,300
Formula:	Calculated separately	Calculated separately	(52)+(53)+(54)	(44)	(45)-(55)	(46)+gains-diversions	Calculated separately	Calculated separately	Calculated separately	Calculated separately	Calculated separately

WATER SUPPLY APPENDIX
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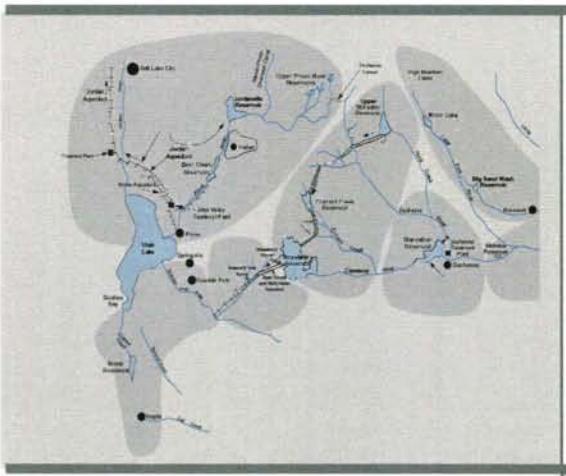
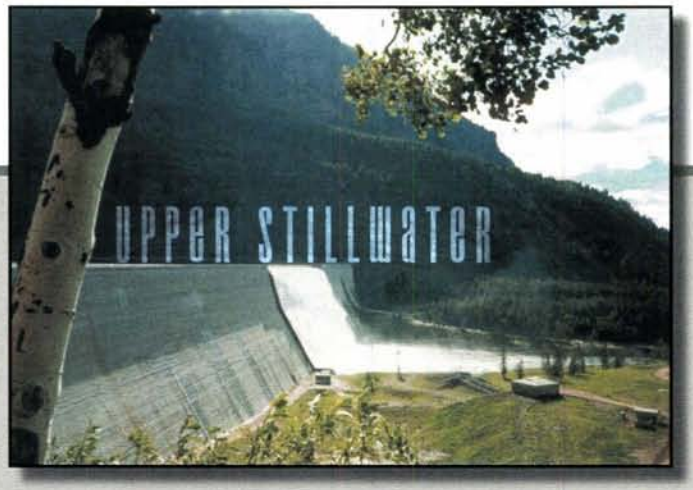
Central Utah Project Completion Program



Supplement to the 1988 Definite Plan Report for the Bonneville Unit

October 2004



UTAH RECLAMATION MITIGATION AND CONSERVATION COMMISSION

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