State of California
The Resources Agency

DEPARTMENT OF WATER RESOURCES
Division of Operations and Maintenance

# STATE WATER PROJECT OPERATIONS DATA

For the month of:
**October**
**2010**


**Edmund G. Brown Jr.**
Governor
**State of California**

**John Laird**
Secretary for Resources
**The Resources Agency**

**Mark Cowin**
Director
**Department of Water Resources**

This monthly report of operational data for the State Water Project has been published since January 1965. Monthly SWP Operations Data Reports from January 1990 have been made available on the Internet at http://www.water.ca.gov/swp/operationscontrol/projectwide.cfm. It provides the State Water Service Contractors, public agencies, consultants and others with the daily and monthly status of the Project's water and power operations.

Revisions to these data will appear in the Annual Report of Operations reflecting corrections made after the monthly summaries have been printed.

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State of California
**EDMUND G. BROWN JR., Governor**

The Resources Agency
**JOHN LAIRD, Secretary for Resources**

Department of Water Resources
**MARK COWIN, Director**

Department of Water Resources
**DALE HOFFMAN-FLOERKE, Chief Deputy Director**

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The organization shown above represents staff and positions relevant to this report as of publication date on October 2012. It is the Department's policy to not show staff in "Acting" or "Temporary" positions.

## Table of Contents


Page

Organization Page ..... ii

Table of Contents ..... iii

Monthly Highlights ..... 1

**Oroville Field Division Water Operations**

Table — Page

1 Antelope Lake, Daily Operation ..... 2

2 Frenchman Lake, Daily Operation ..... 3

3 Lake Davis, Daily Operation ..... 4

4 Lake Oroville, Daily Operation ..... 5

5 Thermalito Forebay, Including Diversion Pool and Power Canal, Daily Operation ..... 6

6 Thermalito Afterbay, Daily Operation ..... 7

7 Oroville-Thermalito Complex, Water Temperature Data ..... 8

**Delta Field Division Water Operations**

8 North Bay Aqueduct, Delta Field Division ..... 9

9 Delta Field Division Plant Data ..... 10

10 Clifton Court Forebay, Daily Operation of Gates ..... 11

11 Governor Edmund G. Brown California Aqueduct, Delta Field Division, Monthly Deliveries ..... 12

12 South Bay Aqueduct, Delta Field Division, Monthly Deliveries ..... 13

13 Lake Del Valle, Daily Operation ..... 14

**San Luis Field Division Water Operations**

14 Consolidated State-Federal O'Neill Forebay, Daily Operations ..... 15

15 Consolidated State-Federal San Luis Reservoir, Daily Operations ..... 16

16 San Luis Field Division Plant Data ..... 17

17 Consolidated State-Federal Los Banos Reservoir, Daily Operations ..... 18

18 Consolidated State-Federal Little Panoche Reservoir, Daily Operations ..... 19

19 Governor Edmund G. Brown California Aqueduct, San Luis Field Division, Monthly Deliveries ..... 20

20 Consolidated State-Federal San Luis Canal, Daily Operations ..... 22

**San Joaquin Field Division Water Operations**

21 San Joaquin Field Division Plant Data ..... 23

22 Governor Edmund G. Brown California Aqueduct, San Joaquin Field Division, Monthly Deliveries ..... 24

23 Governor Edmund G. Brown California Aqueduct, San Joaquin Field Division, Monthly Deliveries (Coastal Branch) ..... 27

**Southern Field Division Water Operations**


24 Southern Field Division Plant Data ..... 28

25 Pyramid Lake, Daily Operation ..... 29

26 Elderberry Forebay, Daily Operation ..... 30

27 Castaic Lake, Daily Operation ..... 31

28 Governor Edmund G. Brown California Aqueduct, Southern Field Division, Monthly Deliveries (West Branch) ..... 32

29 Silverwood Lake, Daily Operation ..... 33

30 Lake Perris, Daily Operation ..... 34

31 Governor Edmund G. Brown California Aqueduct, Southern Field Division, Monthly Deliveries (East Branch) ..... 35


**Water Quality Operations**


32 Water Quality at Selected SWP Locations ..... 37

33 Water Quality at Selected Delta Stations ..... 38

34 Pesticides, Herbicides, and Other Organic Substances Detected in the SWP ..... 39


**Energy Operations**


35 Oroville and Delta Field Divisions Energy Data ..... 40

36 San Luis Field Division Energy Data ..... 41

37 San Joaquin Field Division Pumping Plant Energy Load Data ..... 42

38 Southern Field Division Energy Data ..... 43

## MONTHLY HIGHLIGHTS

The following activities highlight actions that affected State Water Project operations during October 2010:

Statewide precipitation was about 280 percent of average for the 2010 - 2011 water-year through October 31. Precipitation percentages are used in this report to express historical and regional comparisons. Additional and more specific information is available on the internet at: "http://cdec.water.ca.gov/snow_rain.html".

Snowpack data is compiled four times annually, for the months of January, February, March, and April, by the California Department of Water Resources in Bulletin 120. The Bulletin also contains forecasts of seasonal runoff volume from the state's major watersheds, summaries of precipitation, and reservoir storages in various regions of the State.

October snowpack data is not available.

This month is the beginning of the new 2010-2011 water year. A "water year" is a 12-month period, just like a calendar year, except that a water year begins on October 1, and ends on September 30. The intent is to capture data that more fully represents a complete hydrologic cycle of winter and summer as opposed to providing statistical totals that only reflect partial extremes in operational activity.

Cumulative unimpaired runoff for the Sacramento River Region for the 2010 - 2011 water-year was 0.7 maf, 126 percent of average. Statewide runoff for the 2010 - 2011 water-year was 170 percent of average.

Statewide reservoir storage was 105 percent of average to date. Total storage in major SWP reservoirs at the end of October was about 2.72 maf compared to 1.98 maf at this time in 2009. On October 31, end-of-month storage at Lake Oroville was about 1.70 maf, as compared to 1.29 maf at this time in 2009. The State share of San Luis Reservoir's end-of-month storage was about 436 taf, as compared with 176 taf at this time in 2009. The combined storage in SWP's southern reservoirs was about 583 taf, compared with about 510 taf at this time in 2009.

SWP water deliveries to date through October were about 3.04 maf. Water deliveries are a combination of project, transfer, and exchange classifications. Total deliveries through this same period in 2009 were 2.23 maf.

Conditions in the Delta remained "Balanced" through October 17. On October 18, by mutual agreement between the United States Bureau of Reclamation and the California Department of Water Resources in accordance with Article 6(h) of the COA, accounting of daily COA balances was suspended, conditions remained "balanced". "Balanced" conditions exist when the DWR and the USBR agree that releases from upstream reservoirs plus unregulated flow approximately equal the water supply needed to meet Sacramento Valley.

On October 20, 2010, Delta Field Division placed a flow restriction of 3390 cfs at Banks Plant due to a dive at the Fish facility to clean intake screens on two submersible pumps. The work was completed on schedule and the flow restriction of 3390 cfs was lifted at 1145 hours.

On October 29, 2010, a Special Condition at Banks Plant was issued for a flow restriction of 6400 cfs due to fish facility pumps in new building.

# Table 1. Antelope Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 22,566 ac-ft

**October 2010**

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Outflow in cfs | | | | | | Computed Inflow (cfs) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Regulated Release | | | Spill | Estimated Evaporation And Seepage | Total Outflow | |
| | | | | Stream-flow Maint. | Water Supply Contract | Water Right | | | | |
| Sep 30 | 4996.42 | 17,709 | | | | | | | | |
| 1 | 4996.34 | 17,645 | -64 | 20 | 0 | 0 | 0 | 4 | 24 | -8 |
| 2 | 4996.30 | 17,613 | -32 | 20 | 0 | 0 | 0 | 4 | 24 | 8 |
| 3 | 4996.26 | 17,580 | -33 | 20 | 0 | 0 | 0 | 4 | 24 | 7 |
| 4 | 4996.27 | 17,588 | 8 | 20 | 0 | 0 | 0 | 4 | 24 | 28 |
| 5 | 4996.26 | 17,580 | -8 | 20 | 0 | 0 | 0 | 4 | 24 | 20 |
| 6 | 4996.21 | 17,540 | -40 | 20 | 0 | 0 | 0 | 4 | 24 | 4 |
| 7 | 4996.16 | 17,500 | -40 | 20 | 0 | 0 | 0 | 4 | 24 | 4 |
| 8 | 4996.11 | 17,460 | -40 | 20 | 0 | 0 | 0 | 4 | 24 | 4 |
| 9 | 4996.06 | 17,420 | -40 | 20 | 0 | 0 | 0 | 4 | 24 | 4 |
| 10 | 4996.00 | 17,372 | -48 | 20 | 0 | 0 | 0 | 4 | 24 | 0 |
| 11 | 4995.95 | 17,332 | -40 | 20 | 0 | 0 | 0 | 4 | 24 | 4 |
| 12 | 4995.90 | 17,292 | -40 | 20 | 0 | 0 | 0 | 3 | 23 | 3 |
| 13 | 4995.84 | 17,244 | -48 | 20 | 0 | 0 | 0 | 3 | 23 | -1 |
| 14 | 4995.78 | 17,197 | -47 | 20 | 0 | 0 | 0 | 3 | 23 | -1 |
| 15 | 4995.74 | 17,165 | -32 | 20 | 0 | 0 | 0 | 3 | 23 | 7 |
| 16 | 4995.68 | 17,117 | -48 | 20 | 0 | 0 | 0 | 3 | 23 | -1 |
| 17 | 4995.62 | 17,069 | -48 | 20 | 0 | 0 | 0 | 3 | 23 | -1 |
| 18 | 4995.57 | 17,030 | -39 | 20 | 0 | 0 | 0 | 3 | 23 | 3 |
| 19 | 4995.52 | 16,991 | -39 | 20 | 0 | 0 | 0 | 3 | 23 | 3 |
| 20 | 4995.48 | 16,959 | -32 | 20 | 0 | 0 | 0 | 3 | 23 | 7 |
| 21 | 4995.41 | 16,904 | -55 | 20 | 0 | 0 | 0 | 3 | 23 | -5 |
| 22 | 4995.36 | 16,865 | -39 | 20 | 0 | 0 | 0 | 3 | 23 | 3 |
| 23 | 4995.35 | 16,857 | -8 | 20 | 0 | 0 | 0 | 3 | 23 | 19 |
| 24 | 4995.68 | 17,117 | 260 | 20 | 0 | 0 | 0 | 3 | 23 | 154 |
| 25 | 4995.74 | 17,165 | 48 | 20 | 0 | 0 | 0 | 3 | 23 | 47 |
| 26 | 4995.74 | 17,165 | 0 | 20 | 0 | 0 | 0 | 3 | 23 | 23 |
| 27 | 4995.72 | 17,149 | -16 | 20 | 0 | 0 | 0 | 3 | 23 | 15 |
| 28 | 4995.68 | 17,117 | -32 | 20 | 0 | 0 | 0 | 3 | 23 | 7 |
| 29 | 4995.66 | 17,102 | -15 | 20 | 0 | 0 | 0 | 3 | 23 | 15 |
| 30 | 4995.62 | 17,070 | -32 | 20 | 0 | 0 | 0 | 3 | 23 | 7 |
| 31 | 4995.58 | 17,038 | -32 | 20 | 0 | 0 | 0 | 3 | 23 | 7 |
| Total cfs-days | | | - - - | 620 | 0 | 0 | 0 | 104 | 724 | 386 |
| Total ac-ft | | | -671 | 1,230 | 0 | 0 | 0 | 206 | 1,436 | 765 |

# Table 2. Frenchman Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 55,477 ac-ft

**October 2010**

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Outflow in cfs | | | | | | Computed Inflow (cfs) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Regulated Release | | | Spill | Estimated Evaporation And Seepage | Total Outflow | |
| | | | | Stream-flow Maint. | 1/ Water Supply Contract | Water Right | | | | |
| Sep 30 | 5560.64 | 22,040 | | | | | | | | |
| 1 | 5560.61 | 22,013 | -27 | 2 | 6 | 0 | 0 | 4 | 12 | -2 |
| 2 | 5560.60 | 22,004 | -9 | 2 | 6 | 0 | 0 | 4 | 12 | 7 |
| 3 | 5560.63 | 22,030 | 26 | 2 | 6 | 0 | 0 | 4 | 12 | 25 |
| 4 | 5560.67 | 22,065 | 35 | 2 | 3 | 0 | 0 | 4 | 9 | 27 |
| 5 | 5560.70 | 22,094 | 29 | 4 | 1 | 0 | 0 | 4 | 9 | 24 |
| 6 | 5560.68 | 22,076 | -18 | 4 | 1 | 0 | 0 | 4 | 9 | 0 |
| 7 | 5560.68 | 22,076 | 0 | 4 | 1 | 0 | 0 | 4 | 9 | 9 |
| 8 | 5560.65 | 22,049 | -27 | 3 | 1 | 0 | 0 | 4 | 8 | -6 |
| 9 | 5560.63 | 22,030 | -19 | 2 | 1 | 0 | 0 | 4 | 7 | -3 |
| 10 | 5560.61 | 22,013 | -17 | 2 | 1 | 0 | 0 | 4 | 7 | -2 |
| 11 | 5560.60 | 22,004 | -9 | 2 | 1 | 0 | 0 | 4 | 7 | 2 |
| 12 | 5560.61 | 22,013 | 9 | 2 | 1 | 0 | 0 | 4 | 7 | 12 |
| 13 | 5560.59 | 21,995 | -18 | 2 | 1 | 0 | 0 | 4 | 7 | -2 |
| 14 | 5560.57 | 21,977 | -18 | 2 | 2 | 0 | 0 | 4 | 8 | -1 |
| 15 | 5560.54 | 21,951 | -26 | 2 | 2 | 0 | 0 | 4 | 8 | -5 |
| 16 | 5560.60 | 22,004 | 53 | 2 | 2 | 0 | 0 | 4 | 8 | 35 |
| 17 | 5560.52 | 21,933 | -71 | 2 | 2 | 0 | 0 | 4 | 8 | -28 |
| 18 | 5560.52 | 21,933 | 0 | 2 | 2 | 0 | 0 | 4 | 8 | 8 |
| 19 | 5560.52 | 21,933 | 0 | 2 | 2 | 0 | 0 | 4 | 8 | 8 |
| 20 | 5560.52 | 21,933 | 0 | 2 | 1 | 0 | 0 | 4 | 7 | 7 |
| 21 | 5560.48 | 21,897 | -36 | 2 | 1 | 0 | 0 | 4 | 7 | -11 |
| 22 | 5560.42 | 21,844 | -53 | 2 | 1 | 0 | 0 | 4 | 7 | -20 |
| 23 | 5560.50 | 21,915 | 71 | 2 | 1 | 0 | 0 | 4 | 7 | 43 |
| 24 | 5560.64 | 22,040 | 125 | 2 | 1 | 0 | 0 | 4 | 7 | 70 |
| 25 | 5560.65 | 22,049 | 9 | 2 | 1 | 0 | 0 | 4 | 7 | 12 |
| 26 | 5560.64 | 22,040 | -9 | 2 | 1 | 0 | 0 | 4 | 7 | 2 |
| 27 | 5560.63 | 22,031 | -9 | 2 | 1 | 0 | 0 | 4 | 7 | 2 |
| 28 | 5560.62 | 22,022 | -9 | 2 | 1 | 0 | 0 | 4 | 7 | 2 |
| 29 | 5560.62 | 22,022 | 0 | 2 | 1 | 0 | 0 | 4 | 7 | 7 |
| 30 | 5560.62 | 22,022 | 0 | 2 | 1 | 0 | 0 | 3 | 6 | 6 |
| 31 | 5560.62 | 22,022 | 0 | 2 | 1 | 0 | 0 | 3 | 6 | 6 |
| Total cfs-days | | | - - - | 69 | 54 | 0 | 0 | 122 | 245 | 235 |
| Total ac-ft | | | -18 | 137 | 107 | 0 | 0 | 241 | 485 | 467 |

1/ Last Chance Creek Water District.

# Table 3. Lake Davis

Daily Operation

(in acre-feet except as noted)

Capacity: 84,371 ac-ft

**October 2010**

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Outflow in cfs | | | | | | Computed Inflow (cfs) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Regulated Release | | | Spill | Estimated Evaporation And Seepage | Total Outflow | |
| | | | | Stream-flow Maint. | Water Right 1/ | Water Supply Contract | | | | |
| Sep 30 | 5764.93 | 49,078 | | | | | | | | |
| 1 | 5764.91 | 49,018 | -60 | 8 | 2.0 | 0 | 0 | 13 | 23 | -7 |
| 2 | 5764.90 | 48,988 | -30 | 8 | 2.0 | 0 | 0 | 13 | 23 | 8 |
| 3 | 5764.95 | 49,137 | 149 | 8 | 2.0 | 0 | 0 | 13 | 23 | 98 |
| 4 | 5765.01 | 49,318 | 181 | 8 | 1.6 | 0 | 0 | 13 | 23 | 114 |
| 5 | 5764.99 | 49,256 | -62 | 9 | 1.5 | 0 | 0 | 13 | 23 | -8 |
| 6 | 5764.96 | 49,164 | -92 | 9 | 1.5 | 0 | 0 | 13 | 23 | -23 |
| 7 | 5764.95 | 49,137 | -27 | 9 | 1.5 | 0 | 0 | 13 | 23 | 9 |
| 8 | 5764.94 | 49,107 | -30 | 9 | 1.5 | 0 | 0 | 13 | 23 | 8 |
| 9 | 5764.93 | 49,078 | -29 | 9 | 1.5 | 0 | 0 | 13 | 23 | 8 |
| 10 | 5764.90 | 48,988 | -90 | 9 | 1.5 | 0 | 0 | 13 | 23 | -22 |
| 11 | 5764.90 | 48,988 | 0 | 9 | 1.5 | 0 | 0 | 13 | 23 | 23 |
| 12 | 5764.89 | 48,959 | -29 | 9 | 1.5 | 0 | 0 | 12 | 22 | 7 |
| 13 | 5764.89 | 48,959 | 0 | 9 | 1.5 | 0 | 0 | 12 | 22 | 22 |
| 14 | 5764.89 | 48,959 | 0 | 9 | 1.5 | 0 | 0 | 12 | 22 | 22 |
| 15 | 5764.89 | 48,959 | 0 | 9 | 1.5 | 0 | 0 | 12 | 22 | 22 |
| 16 | 5764.89 | 48,959 | 0 | 10 | 0.0 | 0 | 0 | 12 | 22 | 22 |
| 17 | 5764.89 | 48,959 | 0 | 10 | 0.0 | 0 | 0 | 12 | 22 | 22 |
| 18 | 5764.89 | 48,959 | 0 | 10 | 0.0 | 0 | 0 | 12 | 22 | 22 |
| 19 | 5764.89 | 48,959 | 0 | 10 | 0.0 | 0 | 0 | 12 | 22 | 22 |
| 20 | 5764.89 | 48,959 | 0 | 10 | 0.0 | 0 | 0 | 12 | 22 | 22 |
| 21 | 5764.89 | 48,959 | 0 | 10 | 0.0 | 0 | 0 | 12 | 22 | 22 |
| 22 | 5764.70 | 48,395 | -564 | 10 | 0.0 | 0 | 0 | 12 | 22 | -262 |
| 23 | 5764.74 | 48,514 | 119 | 10 | 0.0 | 0 | 0 | 12 | 22 | 82 |
| 24 | 5764.96 | 49,167 | 653 | 10 | 0.0 | 0 | 0 | 12 | 22 | 351 |
| 25 | 5764.95 | 49,137 | -30 | 10 | 0.0 | 0 | 0 | 12 | 22 | 7 |
| 26 | 5764.92 | 49,048 | -89 | 10 | 0.0 | 0 | 0 | 12 | 22 | -23 |
| 27 | 5764.90 | 48,988 | -60 | 10 | 0.0 | 0 | 0 | 12 | 22 | -8 |
| 28 | 5764.88 | 48,929 | -59 | 10 | 0.0 | 0 | 0 | 12 | 22 | -8 |
| 29 | 5764.87 | 48,899 | -30 | 10 | 0.0 | 0 | 0 | 12 | 22 | 7 |
| 30 | 5764.86 | 48,869 | -30 | 10 | 0.0 | 0 | 0 | 12 | 22 | 7 |
| 31 | 5764.85 | 48,840 | -29 | 10 | 0.0 | 0 | 0 | 12 | 22 | 7 |
| Total cfs-days | | | - - - | 286 | 24 | 0 | 0 | 383 | 693 | 573 |
| Total ac-ft | | | -238 | 567 | 48 | 0 | 0 | 759 | 1,374 | 1,136 |

1/ Includes unclassified non-project diversions to local agencies (Valberti and Romelli).

# Table 4. Lake Oroville

Daily Operation

(in acre-feet except as noted)

Capacity: 3,537, 580 ac-ft

**October 2010**

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Outflow | | | | | | | Inflow | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Hyatt Powerplant Generation 1/ | Palermo Canal 2/ | Lime Saddle Marina | Butte County Del Oro | Evaporation 3/ | Spill | Total Outflow | Hyatt Powerplant Pumpback | Computed Inflow 4/ |
| Sep 30 | 758.19 | 1,755,194 | | | | | | | | | | |
| 1 | 757.62 | 1,749,710 | -5,484 | 8,797 | 22 | 0 | 0 | 188 | 0 | 9,007 | 0 | 3,523 |
| 2 | 757.14 | 1,745,101 | -4,609 | 9,251 | 22 | 0 | 0 | 117 | 0 | 9,390 | 0 | 4,781 |
| 3 | 756.99 | 1,743,663 | -1,438 | 7,447 | 22 | 0 | 0 | 144 | 0 | 7,613 | 0 | 6,175 |
| 4 | 756.71 | 1,740,980 | -2,683 | 7,185 | 22 | 0 | 0 | 117 | 0 | 7,324 | 0 | 4,641 |
| 5 | 756.61 | 1,740,022 | -958 | 5,473 | 21 | 0 | 0 | 137 | 0 | 5,631 | 0 | 4,673 |
| 6 | 756.57 | 1,739,639 | -383 | 5,516 | 20 | 0 | 0 | 137 | 0 | 5,673 | 0 | 5,290 |
| 7 | 756.67 | 1,740,596 | 957 | 4,543 | 19 | 0 | 0 | 69 | 0 | 4,631 | 0 | 5,588 |
| 8 | 756.33 | 1,737,343 | -3,253 | 8,098 | 18 | 0 | 0 | 137 | 0 | 8,253 | 0 | 5,000 |
| 9 | 756.02 | 1,734,380 | -2,963 | 6,384 | 18 | 0 | 0 | 103 | 0 | 6,505 | 0 | 3,542 |
| 10 | 755.83 | 1,732,566 | -1,814 | 7,142 | 18 | 0 | 0 | 96 | 0 | 7,256 | 0 | 5,442 |
| 11 | 755.46 | 1,729,037 | -3,529 | 8,058 | 17 | 0 | 0 | 137 | 0 | 8,212 | 0 | 4,683 |
| 12 | 755.01 | 1,724,752 | -4,285 | 7,722 | 16 | 0 | 0 | 328 | 0 | 8,066 | 0 | 3,781 |
| 13 | 754.44 | 1,719,336 | -5,416 | 9,763 | 16 | 0 | 0 | 190 | 0 | 9,969 | 0 | 4,553 |
| 14 | 753.95 | 1,714,689 | -4,647 | 10,720 | 16 | 0 | 0 | 251 | 0 | 10,987 | 0 | 6,340 |
| 15 | 752.84 | 1,704,195 | -10,494 | 14,346 | 16 | 0 | 0 | 224 | 0 | 14,586 | 0 | 4,092 |
| 16 | 752.12 | 1,697,413 | -6,782 | 10,388 | 16 | 0 | 0 | 142 | 0 | 10,546 | 0 | 3,764 |
| 17 | 752.26 | 1,698,730 | 1,317 | 4,063 | 16 | 0 | 0 | 114 | 0 | 4,193 | 0 | 5,510 |
| 18 | 751.85 | 1,694,874 | -3,856 | 6,269 | 16 | 0 | 0 | 27 | 0 | 6,312 | 0 | 2,456 |
| 19 | 751.62 | 1,692,714 | -2,160 | 7,110 | 16 | 0 | 0 | 74 | 0 | 7,200 | 0 | 5,040 |
| 20 | 750.91 | 1,686,058 | -6,656 | 8,214 | 16 | 0 | 0 | 81 | 0 | 8,311 | 0 | 1,655 |
| 21 | 750.80 | 1,685,028 | -1,030 | 6,556 | 16 | 0 | 0 | 60 | 0 | 6,632 | 0 | 5,602 |
| 22 | 750.60 | 1,683,158 | -1,870 | 6,200 | 16 | 0 | 0 | 107 | 0 | 6,323 | 0 | 4,453 |
| 23 | 750.47 | 1,681,942 | -1,216 | 6,584 | 16 | 0 | 0 | 7 | 0 | 6,607 | 0 | 5,391 |
| 24 | 752.37 | 1,699,766 | 17,824 | 4,485 | 16 | 0 | 0 | 47 | 0 | 4,548 | 0 | 22,372 |
| 25 | 753.09 | 1,706,555 | 6,789 | 5,800 | 8 | 0 | 0 | 47 | 0 | 5,855 | 0 | 12,644 |
| 26 | 753.00 | 1,705,705 | -850 | 6,139 | 4 | 0 | 0 | 108 | 0 | 6,251 | 0 | 5,401 |
| 27 | 752.78 | 1,703,629 | -2,076 | 5,831 | 4 | 0 | 1 | 74 | 0 | 5,910 | 0 | 3,834 |
| 28 | 752.50 | 1,700,990 | -2,639 | 6,336 | 4 | 0 | 1 | 68 | 0 | 6,409 | 0 | 3,770 |
| 29 | 752.56 | 1,701,555 | 565 | 6,410 | 4 | 0 | 1 | 14 | 0 | 6,429 | 0 | 6,994 |
| 30 | 752.62 | 1,702,121 | 566 | 4,427 | 4 | 0 | 1 | 74 | 0 | 4,506 | 0 | 5,072 |
| 31 | 752.56 | 1,701,555 | -566 | 6,980 | 4 | 0 | 1 | 0 | 0 | 6,985 | 0 | 6,419 |
| Total | | | -53,639 | 222,237 | 459 | 0 | 5 | 3,419 | 0 | 226,120 | 0 | 172,481 |

1/ Includes bypass flows

2/ South Feather Water and Power Agency

3/ Evaporation will be zero for days when there is precipitation or heavy overcast.

4/ Does not include pumpback.

# Table 5. Thermalito Forebay
# Including Diversion Pool and Power Canal

Daily Operation

Capacity: 25,120 ac-ft

(in acre-feet except as noted)

**October 2010**

| Date | Storage 1/ | Storage Change | Inflow | | | Outflow | | | | | Losses (-) And Gains (+) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lake Oroville Releases 2/ | Kelly Ridge Generation | Thermalito Pumping-Generating Plant Pumpback | Thermalito Pumping-Generating Plant Generation 3/ | Butte County Cal Water | Thermalito Irrigation District | Releases To River 4/ | Hyatt Powerplant Pumpback | |
| Sep 30 | 24,236 | | | | | | | | | | |
| 1 | 24,441 | 205 | 8,797 | 446 | 0 | 7,369 | 6 | 4 | 1,476 | 0 | -183 |
| 2 | 24,061 | -380 | 9,251 | 485 | 0 | 8,830 | 6 | 4 | 1,416 | 0 | 140 |
| 3 | 24,276 | 215 | 7,447 | 428 | 0 | 6,573 | 6 | 5 | 1,388 | 0 | 312 |
| 4 | 24,177 | -99 | 7,185 | 10 | 0 | 5,988 | 6 | 5 | 1,396 | 0 | 101 |
| 5 | 24,187 | 10 | 5,473 | 0 | 0 | 3,826 | 6 | 5 | 1,384 | 0 | -242 |
| 6 | 24,343 | 156 | 5,516 | 0 | 0 | 3,308 | 6 | 5 | 1,398 | 0 | -643 |
| 7 | 24,027 | -316 | 4,543 | 0 | 0 | 3,623 | 6 | 5 | 1,398 | 0 | 173 |
| 8 | 23,619 | -408 | 8,098 | 0 | 0 | 7,183 | 6 | 5 | 1,390 | 0 | 78 |
| 9 | 24,096 | 477 | 6,384 | 0 | 0 | 4,174 | 6 | 5 | 1,381 | 0 | -341 |
| 10 | 24,521 | 425 | 7,142 | 0 | 0 | 5,400 | 6 | 5 | 1,392 | 0 | 86 |
| 11 | 24,448 | -73 | 8,058 | 0 | 0 | 6,829 | 6 | 5 | 1,394 | 0 | 103 |
| 12 | 24,424 | -24 | 7,722 | 0 | 0 | 6,351 | 6 | 5 | 1,396 | 0 | 12 |
| 13 | 24,652 | 228 | 9,763 | 0 | 0 | 8,372 | 6 | 5 | 1,398 | 0 | 246 |
| 14 | 24,186 | -466 | 10,720 | 0 | 0 | 9,922 | 6 | 5 | 1,367 | 0 | 114 |
| 15 | 24,314 | 128 | 14,346 | 143 | 0 | 12,910 | 6 | 5 | 1,357 | 0 | -83 |
| 16 | 24,394 | 80 | 10,388 | 457 | 0 | 9,548 | 6 | 5 | 1,355 | 0 | 149 |
| 17 | 24,443 | 49 | 4,063 | 487 | 0 | 3,296 | 6 | 5 | 1,355 | 0 | 161 |
| 18 | 24,359 | -84 | 6,269 | 428 | 0 | 5,496 | 5 | 5 | 1,355 | 0 | 80 |
| 19 | 24,852 | 493 | 7,110 | 448 | 0 | 5,251 | 5 | 5 | 1,355 | 0 | -449 |
| 20 | 24,616 | -236 | 8,214 | 467 | 0 | 6,688 | 5 | 5 | 1,357 | 0 | -862 |
| 21 | 24,267 | -349 | 6,556 | 486 | 0 | 5,349 | 5 | 5 | 1,355 | 0 | -677 |
| 22 | 24,578 | 311 | 6,200 | 480 | 0 | 5,050 | 5 | 5 | 1,357 | 0 | 48 |
| 23 | 23,792 | -786 | 6,584 | 489 | 0 | 5,354 | 5 | 5 | 1,355 | 0 | -1,140 |
| 24 | 24,712 | 920 | 4,485 | 492 | 0 | 2,857 | 5 | 5 | 1,367 | 0 | 177 |
| 25 | 23,920 | -792 | 5,800 | 472 | 0 | 5,350 | 5 | 5 | 1,357 | 0 | -347 |
| 26 | 24,522 | 602 | 6,139 | 405 | 0 | 4,111 | 5 | 5 | 1,351 | 0 | -470 |
| 27 | 24,863 | 341 | 5,831 | 0 | 0 | 3,458 | 5 | 5 | 1,355 | 0 | -667 |
| 28 | 24,913 | 50 | 6,336 | 0 | 0 | 3,894 | 5 | 5 | 1,355 | 0 | -1,027 |
| 29 | 24,817 | -96 | 6,410 | 123 | 0 | 5,298 | 5 | 5 | 1,377 | 0 | 56 |
| 30 | 24,497 | -320 | 4,427 | 0 | 0 | 3,664 | 5 | 5 | 1,377 | 0 | 304 |
| 31 | 24,919 | 422 | 6,980 | 0 | 0 | 5,319 | 5 | 5 | 1,375 | 0 | 146 |
| Total | | 683 | 222,237 | 6,746 | 0 | 180,641 | 172 | 153 | 42,689 | 0 | -4,645 |

1/ Sum of Thermalito Forebay and Diversion Pool.

2/ Sum of releases from Lake Oroville through Hyatt plant, and spill.

3/ Includes Bypass flows at Thermalito.

4/ The sum of the flows from fish barrier dam and the fish hatchery.

# Table 6. Thermalito Afterbay

Daily Operation

(in acre-feet except as noted)

Capacity: 57,040 ac-ft

**October 2010**

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Inflow | Outflow | | | | | | Losses (-) and Gains (+) | Total Releases to River 2/ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Thermalito Pumping-Generating Plant Generation 1/ | Sutter Butte Canal | Western Canal Lateral | Richvale Canal | Western Canal | Afterbay River Outlet | Thermalito Pumping-Generating Plant Pumpback | | |
| Sep 30 | 134.78 | 49,842 | | | | | | | | | | |
| 1 | 134.34 | 48,070 | -1,772 | 7,369 | 956 | 4 | 0 | 331 | 8,093 | 0 | 243 | 9,569 |
| 2 | 134.17 | 47,393 | -677 | 8,830 | 952 | 4 | 0 | 335 | 7,755 | 0 | -461 | 9,171 |
| 3 | 133.47 | 44,646 | -2,747 | 6,573 | 948 | 5 | 0 | 335 | 7,755 | 0 | -277 | 9,143 |
| 4 | 132.74 | 41,859 | -2,787 | 5,988 | 932 | 3 | 42 | 335 | 7,736 | 0 | 273 | 9,132 |
| 5 | 131.58 | 37,603 | -4,256 | 3,826 | 962 | 1 | 69 | 351 | 7,101 | 0 | 402 | 8,485 |
| 6 | 130.60 | 34,175 | -3,428 | 3,308 | 978 | 1 | 73 | 383 | 6,089 | 0 | 788 | 7,487 |
| 7 | 129.69 | 31,129 | -3,046 | 3,623 | 980 | 1 | 73 | 373 | 5,078 | 0 | -164 | 6,476 |
| 8 | 130.03 | 32,251 | 1,122 | 7,183 | 976 | 1 | 73 | 381 | 4,146 | 0 | -484 | 5,536 |
| 9 | 129.76 | 31,358 | -893 | 4,174 | 956 | 1 | 73 | 389 | 3,749 | 0 | 101 | 5,130 |
| 10 | 129.70 | 31,162 | -196 | 5,400 | 952 | 1 | 73 | 387 | 3,749 | 0 | -434 | 5,141 |
| 11 | 130.02 | 32,218 | 1,056 | 6,829 | 950 | 1 | 77 | 387 | 3,749 | 0 | -609 | 5,143 |
| 12 | 130.25 | 32,987 | 769 | 6,351 | 958 | 1 | 109 | 403 | 3,749 | 0 | -362 | 5,145 |
| 13 | 130.83 | 34,966 | 1,979 | 8,372 | 964 | 1 | 202 | 442 | 3,749 | 0 | -1,035 | 5,147 |
| 14 | 131.86 | 38,611 | 3,645 | 9,922 | 968 | 1 | 244 | 486 | 3,669 | 0 | -909 | 5,036 |
| 15 | 133.62 | 45,228 | 6,617 | 12,910 | 966 | 1 | 252 | 547 | 3,531 | 0 | -996 | 4,888 |
| 16 | 134.46 | 48,550 | 3,322 | 9,548 | 968 | 1 | 260 | 603 | 3,531 | 0 | -863 | 4,886 |
| 17 | 134.01 | 46,760 | -1,790 | 3,296 | 960 | 1 | 248 | 637 | 3,531 | 0 | 291 | 4,886 |
| 18 | 133.90 | 46,326 | -434 | 5,496 | 950 | 1 | 311 | 631 | 3,531 | 0 | -506 | 4,886 |
| 19 | 133.80 | 45,932 | -394 | 5,251 | 1,014 | 1 | 434 | 617 | 3,531 | 0 | -48 | 4,886 |
| 20 | 134.12 | 47,195 | 1,263 | 6,688 | 1,071 | 1 | 476 | 645 | 3,531 | 0 | 299 | 4,888 |
| 21 | 134.13 | 47,234 | 39 | 5,349 | 1,071 | 1 | 476 | 684 | 3,531 | 0 | 453 | 4,886 |
| 22 | 133.84 | 46,090 | -1,144 | 5,050 | 1,071 | 1 | 476 | 662 | 3,531 | 0 | -453 | 4,888 |
| 23 | 134.03 | 46,839 | 749 | 5,354 | 1,075 | 1 | 478 | 635 | 3,531 | 0 | 1,115 | 4,886 |
| 24 | 133.48 | 44,684 | -2,155 | 2,857 | 1,083 | 1 | 476 | 637 | 3,531 | 0 | 716 | 4,898 |
| 25 | 133.44 | 44,529 | -155 | 5,350 | 998 | 1 | 464 | 615 | 3,531 | 0 | 104 | 4,888 |
| 26 | 133.15 | 43,414 | -1,115 | 4,111 | 906 | 1 | 454 | 585 | 3,531 | 0 | 251 | 4,882 |
| 27 | 132.81 | 42,123 | -1,291 | 3,458 | 845 | 1 | 422 | 585 | 3,511 | 0 | 615 | 4,866 |
| 28 | 132.64 | 41,484 | -639 | 3,894 | 797 | 1 | 395 | 559 | 3,531 | 0 | 750 | 4,886 |
| 29 | 132.53 | 41,073 | -411 | 5,298 | 752 | 1 | 385 | 502 | 3,531 | 0 | -538 | 4,908 |
| 30 | 132.09 | 39,448 | -1,625 | 3,664 | 756 | 1 | 387 | 516 | 3,531 | 0 | -98 | 4,908 |
| 31 | 131.97 | 39,011 | -437 | 5,319 | 758 | 1 | 385 | 520 | 3,511 | 0 | -581 | 4,886 |
| Total | | | -10,831 | 180,641 | 29,473 | 43 | 7,890 | 15,500 | 136,154 | 0 | -2,412 | 178,843 |

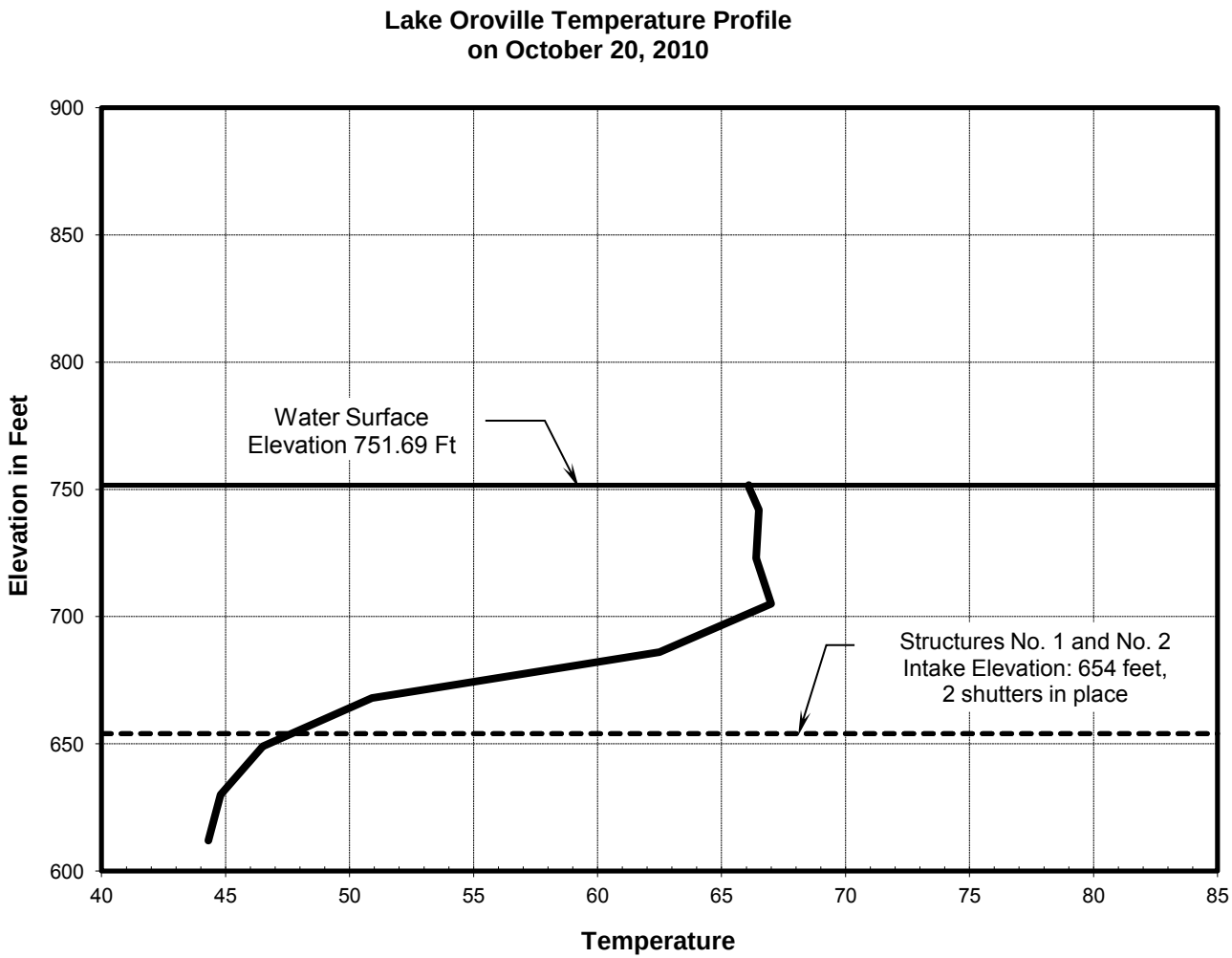
1/ Includes Bypass flows at Thermalito.

2/ The sum of the flows from the fish barrier dam, fish hatchery, and afterbay river outlet.

## Table 7. Oroville-Thermalito Complex

Water Temperature Data
(in degrees Fahrenheit)
**October 2010**

| Date | Mean Daily Temperature | |
|---|---|---|
| | Thermalito Afterbay Outlet | Fish Hatchery |
| 1 | 59.1 | 52.6 |
| 2 | 59.8 | 52.7 |
| 3 | 58.6 | 53 |
| 4 | 58.7 | 53.2 |
| 5 | 59.6 | 53.2 |
| 6 | 59.1 | 52.6 |
| 7 | 59.2 | 52.2 |
| 8 | 59.2 | 52.7 |
| 9 | 60.1 | 53.3 |
| 10 | 60.4 | 53.6 |
| 11 | 61 | 53.8 |
| 12 | 60.2 | 54 |
| 13 | 60.1 | 54.2 |
| 14 | 60.1 | 53.6 |
| 15 | 59.6 | 53.2 |
| 16 | 57.8 | 53.3 |
| 17 | 57.5 | 53.1 |
| 18 | 57.2 | 53.5 |
| 19 | 57.3 | 54.2 |
| 20 | 57.4 | 53.8 |
| 21 | 56.8 | 53.3 |
| 22 | 56.7 | 54.7 |
| 23 | 56.6 | 55 |
| 24 | 56.3 | 52.4 |
| 25 | 56.5 | 51.9 |
| 26 | 56.1 | 51.7 |
| 27 | 55.4 | 51.1 |
| 28 | 55.4 | 51.2 |
| 29 | 55.3 | 51.4 |
| 30 | 55.1 | 51.6 |
| 31 | 55.4 | 51.8 |




Note: Water surface elevations on Table 4 are taken at Oroville Dam at midnight and may differ slightly from those shown on this table which are normally taken at mid-day and upstream from Oroville Dam.

# Table 8. North Bay Aqueduct

Delta Field Division, Monthly Deliveries

(In acre-feet)

**October 2010**

| Reach No. | Operating Pool Beginning and Ending No. | Structure | Mile | Turnout | Total Diversions | Deliveries Table A | Permit | Article 56C | Settlement | Other |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | Barker Slough Pumping Plant | 0.17 | (Into the North Bay Aqueduct) | 5,131 | | | | | |
| | | Travis Surge Tank | 8.78 | | | | | | | |
| | | | 8.80 | Solano County Water Agency Travis AFB | 258 | | 258 | | | |
| | | | 10.54 | Solano County Water Agency Fairfield / Vacaville 24" | 279 | 279 | | | | |
| | | | | Solano County Water Agency Fairfield / Vacaville 42" | 1,767 | 521 | | 900 | 346 | |
| 2 | | | 17.00 | Solano County Water Agency Central Solano | Stub | | | | | |
| 3A | | Cordelia Forebay | 21.23 | | | | | | | |
| | | Cordelia Pumping Plant & Cordelia Spillway | 21.30 | | 2,750 | | | | | |
| | 2 | Napa Pipeline | 21.33 | Solano County Water Agency Vallejo | 549 | 1/ 228 | 2/ 321 | | | |
| | | | | Solano County Water Agency Benicia | 1,058 | 900 | | | 158 | |
| 3B | | Cordelia Surge Tank | 23.33 | | | | | | | |
| | | Creston Surge Tank Connection | 25.65 | | | | | | | |
| | | | 26.95 | Napa County Flood Control & WCD American Canyon 2 | 261 | 261 | | | | |
| | | | 27.27 | Napa County Flood Control & WCD American Canyon 3 | 0 | | | | | |
| | | Napa Terminal Tank | 27.58 | City of Napa | 879 | 879 | | | | |
| | | | 27.60 | Napa County Flood Control & WCD American Canyon 1 | 3 | 3 | | | | |

1/ Includes 5 AF of Napa Co. FC&WCD Table A through Solano's Turnout for delivery to American Canyon.

2/ Includes 9 AF of Solano Permit water sold to American Canyon, delivered to Cordelia Forebay and pumped to American Canyon.

## Table 9. Delta Field Division Plant Data

(in acre-feet) **October 2010**

| Date | North Bay Aqueduct | | California Aqueduct | | South Bay Aqueduct | | | |
|---|---|---|---|---|---|---|---|---|
| | Barker Slough Pumping Plant | Cordelia Pumping Plant | Banks Pumping Plant | | South Bay Pumping Plant | Del Valle Pumping Plant | | |
| | | | Total | SWP | | Into Lake | Into Aqueduct | Gravity Flow Through Plant Into Aqueduct |
| 1 | 219 | 121 | 11,815 | 9,977 | 454 | 0 | 0 | 0 |
| 2 | 198 | 104 | 11,633 | 9,795 | 445 | 0 | 0 | 0 |
| 3 | 206 | 112 | 12,112 | 10,274 | 388 | 0 | 0 | 0 |
| 4 | 195 | 102 | 12,019 | 10,181 | 411 | 0 | 0 | 0 |
| 5 | 170 | 85 | 12,035 | 10,197 | 477 | 47 | 0 | 0 |
| 6 | 185 | 93 | 11,592 | 9,754 | 545 | 0 | 0 | 0 |
| 7 | 173 | 80 | 11,884 | 10,046 | 523 | 89 | 0 | 0 |
| 8 | 191 | 99 | 10,988 | 9,150 | 514 | 89 | 0 | 0 |
| 9 | 172 | 90 | 11,871 | 10,039 | 506 | 89 | 0 | 0 |
| 10 | 151 | 72 | 11,871 | 10,033 | 521 | 0 | 0 | 0 |
| 11 | 158 | 76 | 11,853 | 11,853 | 397 | 0 | 0 | 0 |
| 12 | 168 | 78 | 9,941 | 9,941 | 20 | 0 | 0 | 0 |
| 13 | 177 | 83 | 7,259 | 7,259 | 21 | 0 | 0 | 279 |
| 14 | 175 | 80 | 9,511 | 9,511 | 162 | 0 | 0 | 186 |
| 15 | 173 | 79 | 7,771 | 7,771 | 255 | 0 | 0 | 214 |
| 16 | 175 | 87 | 8,817 | 8,817 | 310 | 0 | 0 | 0 |
| 17 | 158 | 74 | 9,684 | 9,684 | 321 | 0 | 0 | 0 |
| 18 | 152 | 76 | 9,511 | 9,511 | 355 | 0 | 0 | 0 |
| 19 | 142 | 67 | 9,880 | 9,880 | 303 | 0 | 0 | 23 |
| 20 | 134 | 63 | 9,632 | 9,632 | 286 | 0 | 0 | 4 |
| 21 | 184 | 113 | 8,937 | 8,937 | 390 | 52 | 0 | 0 |
| 22 | 146 | 78 | 8,678 | 8,678 | 431 | 126 | 0 | 0 |
| 23 | 133 | 65 | 5,515 | 5,515 | 466 | 159 | 0 | 0 |
| 24 | 106 | 60 | 5,796 | 5,796 | 411 | 158 | 0 | 0 |
| 25 | 174 | 109 | 0 | 0 | 408 | 158 | 0 | 0 |
| 26 | 180 | 95 | 8,820 | 8,820 | 442 | 201 | 0 | 0 |
| 27 | 163 | 112 | 9,856 | 9,856 | 428 | 225 | 0 | 0 |
| 28 | 160 | 109 | 11,815 | 11,815 | 403 | 225 | 0 | 0 |
| 29 | 141 | 98 | 11,726 | 11,726 | 447 | 225 | 0 | 0 |
| 30 | 141 | 98 | 11,823 | 11,823 | 330 | 119 | 0 | 0 |
| 31 | 131 | 92 | 11,825 | 11,825 | 328 | 113 | 0 | 0 |
| Total | 5,131 | 2,750 | 306,470 | 288,096 | 11,698 | 2,076 | 0 | 705 |

## Table 10. Clifton Court Forebay

Daily Operation of Gates

**October 2010**

| Date | Time | | | | | | | | | | Amount of inflow in Acre-Feet |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Opened | Closed | Opened | Closed | Opened | Closed | Opened | Closed | Opened | Closed | |
| 1 | | 06:05 | 10:15 | 22:30 | | | | | | | 11,888 |
| 2 | 01:30 | 06:40 | 11:15 | | | | | | | | 11,880 |
| 3 | | 00:30 | 02:45 | 08:50 | 12:15 | | | | | | 11,879 |
| 4 | | 01:45 | 04:00 | 10:02 | 13:15 | 22:30 | | | | | 11,151 |
| 5 | 00:10 | 02:30 | 05:15 | 10:40 | 14:00 | 20:46 | | | | | 11,897 |
| 6 | 01:15 | 03:30 | 06:15 | 11:30 | 14:45 | 21:00 | | | | | 11,879 |
| 7 | 03:15 | 11:40 | 14:35 | 16:15 | 19:15 | | | | | | 11,894 |
| 8 | | 01:00 | 04:00 | 12:30 | | | | | | | 11,881 |
| 9 | | 01:05 | 04:45 | 13:30 | 15:30 | 17:45 | 20:30 | | | | 11,899 |
| 10 | | 01:50 | 05:45 | 14:10 | 15:45 | 18:30 | 21:15 | | | | 11,890 |
| 11 | | 02:30 | 06:30 | 19:30 | 22:00 | | | | | | 11,886 |
| 12 | | 02:30 | 07:45 | 13:40 | 16:35 | 17:45 | | | | | 6,935 |
| 13 | 00:01 | 03:30 | 08:15 | 16:16 | | | | | | | 9,902 |
| 14 | 00:01 | 04:40 | 09:30 | 18:00 | 20:06 | 23:00 | | | | | 9,905 |
| 15 | 00:45 | 05:08 | 10:30 | 16:30 | | | | | | | 7,915 |
| 16 | 02:00 | 07:00 | 11:30 | 19:10 | | | | | | | 8,918 |
| 17 | 00:01 | 01:15 | 03:15 | 08:20 | 12:30 | 16:30 | | | | | 9,380 |
| 18 | 00:01 | 02:15 | 04:15 | 09:00 | 13:15 | 20:35 | | | | | 9,354 |
| 19 | 00:37 | 03:00 | 05:15 | 10:30 | 13:45 | 21:45 | | | | | 9,908 |
| 20 | 02:30 | 09:12 | 13:40 | 15:15 | 18:17 | 21:50 | | | | | 9,901 |
| 21 | 03:15 | 10:28 | 14:19 | 16:00 | 18:30 | 21:25 | | | | | 8,917 |
| 22 | 03:45 | 10:36 | 15:18 | 16:30 | 19:00 | 20:48 | | | | | 8,913 |
| 23 | 04:15 | 11:18 | 19:35 | 20:55 | | | | | | | 5,943 |
| 24 | 04:45 | 12:26 | 14:50 | 17:30 | | | | | | | 5,945 |
| 25 | 00:01 | 02:15 | 05:15 | 13:10 | 16:05 | 18:00 | 21:02 | | | | 7,915 |
| 26 | | 01:30 | 15:40 | 18:30 | 21:47 | 23:10 | | | | | 8,921 |
| 27 | 00:13 | 01:47 | 06:55 | 19:30 | 22:00 | | | | | | 9,898 |
| 28 | | 03:40 | 07:45 | 20:30 | | | | | | | 11,896 |
| 29 | | 04:00 | 09:15 | 21:45 | | | | | | | 11,874 |
| 30 | 00:01 | 03:45 | 09:45 | 23:15 | | | | | | | 11,881 |
| 31 | 01:15 | 05:00 | 10:45 | 19:05 | 22:00 | 23:30 | | | | | 10,099 |
| | | | | | | | | | | Total inflow for the month in AF: | 314,344 |

# Table 11. Governor Edmund G. Brown California Aqueduct

Delta Field Division, Monthly Deliveries

(In acre-feet) **October 2010**

| Reach No. | Operating Pool Beginning and Ending | | | Turnout | Total Diver-sions | Deliveries | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | No. | Structure | Mile | | | Table A | USBR | Local Other | Pool A | Pool B |
| 1A | | | 1.83 | Byron-Bethany I.D. | 1,223 | | | 1,223 | | |
| 1 | | Banks Pumping Plant | 3.32 | | 306,470 | | | | | |
| 2A | 1 | South Bay Pumping Plant | 4.49 | Bethany Reservoir (Into the South Bay Aquaduct) | 11,698 | | | | | |
| | | Check No. 1 | 5.95 | | | | | | | |
| | | | 8.08 | Alameda Co. Zone 7 WA Mountain House Golf Course | 0 | | | | | |
| | 2 | Check No. 2 | 12.01 | | | | | | | |
| | 3 | | 12.47 | Musco Olive | 76 | | 76 | | | |
| | | Check No. 3 | 18.29 | | | | | | | |
| | 4 | | 22.16 | Tracy Golf & Country Club | 0 | | | | | |
| | | Check No. 4 | 23.99 | | | | | | | |
| | 5 | Check No. 5 | 29.73 | | | | | | | |
| | 6 | Check No. 6 | 34.24 | | | | | | | |
| | 7 | | 35.22 | Turlock Fruit Company Inflow | 0 | | | | | |
| | | Check No. 7 | 39.91 | | | | | | | |
| | 8 | | 42.46 | Oak Flat Water District-A | 9 | 9 | | | | |
| | | | 42.9 | Western Hills WD | 92 | 92 | | | | |
| | | | 43.81 | Oak Flat Water District-B | 15 | 15 | | | | |
| | | | 44.64 | Oak Flat Water District-C | 10 | 10 | | | | |
| | | Check No. 8 | 45.97 | | | | | | | |
| | 9 | | 46.18 | Oak Flat Water District-D | 57 | 57 | | | | |
| 2B | | | | Oak Flat Totals: | 91 | 91 | 0 | 0 | 0 | 0 |
| | | Check No. 9 | 51.3 | | | | | | | |
| | 10 | Check No. 10 | 56.86 | | | | | | | |
| | 11 | Check No. 11 | 61.4 | | | | | | | |
| | 12 | | 66.14 | Veteran's Cemetery | 15 | | 15 | | | |
| | | Check No. 12 | 66.71 | | 285,558 | | | | | |

# Table 12. South Bay Aqueduct

Delta Field Division, Monthly Deliveries

(In acre-feet)

**October 2010**

| Reach No. | Operating Pool Beginning and Ending No. | Structure | Mile | Turnout | Total Diver-sions | Deliveries Table A | Local | Article 56C | Pool A / Pool B | Other | Recreation |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | South Bay Pumping Plant | 0.00 | (into South Bay Aqueduct) | 11,698 | | | | | | |
| | | | 3.17 | Granite - Vasco Rd. (Temp.) | 0 | | | | | | |
| | | | 3.18 | Oakland Scavenger Zone 7 | 7 | 7 | | | | | |
| | | Check No. 1 | 3.91 | | | | | | | | |
| | 2 | Check No. 2 | 5.21 | | | | | | | | |
| | 3 | | 7.21 | Zone 7 Water Agency Altamont | 10 | 10 | | | | | |
| 2 | | Check No. 3 | 9.49 | Zone 7 Water Agency Patterson | | | | | | | |
| | | | | Storage Exchange | 0 | | | | | | |
| | | | | Project Water | 1,008 | 1,008 | | | | | |
| 4 | 4 | Check No. 4 | 10.68 | | | | | | | | |
| | 5 | Check No. 5 | 12.29 | | | | | | | | |
| | 6 | | 13.55 | Zone 7 Water Agency Wente #1 | 24 | 24 | | | | | |
| | | | 14.16 | Zone 7 Water Agency Wente #2 | 26 | 26 | | | | | |
| | | | 14.31 | Zone 7 Water Agency Ising | 19 | 19 | | | | | |
| | | Check No. 6 | 14.65 | | | | | | | | |
| | 7 | | 14.78 | Zone 7 Water Agency Arroyo Mocho Project Water | 617 | 617 | | | | | |
| | | Check No. 7 | 16.38 | | | | | | | | |
| | 8 | | 16.57 | Zone 7 Water Agency Wente #3 | 0 | | | | | | |
| | | | 16.63 | Zone 7 Water Agency Wente #4 | 236 | 236 | | | | | |
| | | | 16.69 | Zone 7 Water Agency Norman Nursery | 0 | | | | | | |
| | | | 16.70 | Zone 7 Water Agency Concannon Project Water | 23 | 23 | | | | | |
| 5 | | Del Valle Branch Pipeline Junction | 18.63 | Pumped into Lake Del Valle | 2,076 | | | | | | |
| | | | | Pumped into South Bay Aqueduct | 0 | | | | | | |
| | | | | Gravity into South Bay Aqueduct | 705 | | | | | | |
| | | Deliveries through Del Valle Branch Pipeline | | Zone 7 Water Agency Arroyo Valle #1 & #2 | | | | | | | |
| | | | | Project Water | 239 | 239 | | | | | |
| | | | | Storage Exchange | 162 | | 162 | | | | |
| | | | | Inflow Release | 0 | | | | | | |
| | | | | East Bay Regional Park Dist. Del Valle Recreation | 7 | | | | | | 7 |
| | | | | Zone 7 Water Agency Wente #5 | 37 | 37 | | | | | |
| 6 | | | 19.20 | Zone 7 Water Agency So. Livermore Project | | | | | | | |
| | | | | Storage Exchange | 0 | | | | | | |
| | | | | Project Water | 1,207 | 1,207 | | | | | |
| | | | 19.21 | Zone 7 - Kalthrof Detjens | 49 | 49 | | | | | |
| 7 | | La Costa Tunnel | 22.50 | ACWD - Vallecitos Project Water | 0 | | | | | | |
| | | | 25.97 | City of San Francisco San Antonio | 0 | | | | | | |
| 8 | | Mission Tunnel | 28.97 | ACWD - Bayside 1 & 2 Project Water | 2,125 | 1,663 | | 462 | | | |
| | | | | Storage Exchange | 0 | | | | | | |
| 9 | | Santa Clara Pipeline | 35.86 | S.C.V.W.D. Meter | 4,528 | | | | | 1/ 4,528 | |

1/ Delivery of Metropolitan WD water stored in Shasta to Santa Clara Valley WD in exchange for Santa Clara Valley WD Table A water.

# Table 13. Lake Del Valle

Daily Operation

Capacity: 77,106 ac-ft (in acre-feet except as noted) **October 2010**

| Date | Water Surface Elevation (feet) | Storage | Storage Change | Inflow | | Outflow | | | | | Precipitation (inches) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Natural 1/ | From South Bay Aqueduct | Arroyo Valle | South Bay Aqueduct 2/ | Recreation Deliveries 3/ | Evaporation | Total Outflow | |
| Sep 30 | 697.58 | 36,194 | | | | | | | | | |
| 1 | 697.55 | 36,174 | -20 | -7 | 0 | 0 | 0 | 1 | 12 | 13 | 0.00 |
| 2 | 697.52 | 36,154 | -20 | -11 | 0 | 0 | 0 | 1 | 8 | 9 | 0.00 |
| 3 | 697.49 | 36,134 | -20 | -8 | 0 | 0 | 0 | 1 | 11 | 12 | 0.00 |
| 4 | 697.44 | 36,100 | -33 | -20 | 0 | 0 | 0 | 1 | 12 | 13 | 0.00 |
| 5 | 697.49 | 36,134 | 33 | -8 | 47 | 0 | 0 | 1 | 4 | 5 | 0.00 |
| 6 | 697.59 | 36,200 | 67 | 76 | 0 | 0 | 0 | 1 | 9 | 10 | 0.00 |
| 7 | 697.70 | 36,273 | 73 | -8 | 89 | 0 | 0 | 1 | 6 | 7 | 0.00 |
| 8 | 697.80 | 36,340 | 67 | -14 | 89 | 0 | 0 | 0 | 8 | 8 | 0.00 |
| 9 | 697.91 | 36,414 | 73 | -8 | 89 | 0 | 0 | 0 | 7 | 7 | 0.00 |
| 10 | 698.02 | 36,487 | 74 | 83 | 0 | 0 | 0 | 0 | 10 | 10 | 0.00 |
| 11 | 698.07 | 36,521 | 33 | 44 | 0 | 0 | 0 | 0 | 11 | 11 | 0.00 |
| 12 | 697.75 | 36,307 | -214 | -200 | 0 | 0 | 0 | 0 | 14 | 14 | 0.00 |
| 13 | 697.42 | 36,087 | -220 | 74 | 0 | 0 | 279 | 0 | 15 | 293 | 0.00 |
| 14 | 697.14 | 35,895 | -192 | 9 | 0 | 0 | 186 | 0 | 15 | 201 | 0.00 |
| 15 | 697.00 | 35,808 | -87 | 141 | 0 | 0 | 214 | 0 | 14 | 228 | 0.00 |
| 16 | 696.94 | 35,769 | -40 | -28 | 0 | 0 | 0 | 0 | 12 | 12 | 0.00 |
| 17 | 696.96 | 35,782 | 13 | 22 | 0 | 0 | 0 | 0 | 9 | 9 | 0.00 |
| 18 | 696.94 | 35,769 | -13 | -11 | 0 | 0 | 0 | 0 | 2 | 2 | 0.17 |
| 19 | 696.90 | 35,742 | -26 | 2 | 0 | 0 | 23 | 0 | 5 | 28 | 0.00 |
| 20 | 696.87 | 35,722 | -20 | -10 | 0 | 0 | 4 | 0 | 6 | 10 | 0.00 |
| 21 | 696.91 | 35,749 | 26 | -18 | 52 | 0 | 0 | 0 | 7 | 7 | 0.00 |
| 22 | 697.08 | 35,861 | 113 | -9 | 126 | 0 | 0 | 0 | 5 | 5 | 0.00 |
| 23 | 697.25 | 35,974 | 113 | -44 | 159 | 0 | 0 | 0 | 2 | 2 | 0.06 |
| 24 | 697.50 | 36,140 | 166 | 11 | 158 | 0 | 0 | 0 | 3 | 3 | 0.08 |
| 25 | 697.71 | 36,280 | 140 | -16 | 158 | 0 | 0 | 0 | 2 | 2 | 0.42 |
| 26 | 697.96 | 36,447 | 167 | -29 | 201 | 0 | 0 | 0 | 5 | 5 | 0.00 |
| 27 | 698.22 | 36,621 | 174 | -47 | 225 | 0 | 0 | 0 | 4 | 4 | 0.00 |
| 28 | 698.50 | 36,809 | 188 | -32 | 225 | 0 | 0 | 0 | 6 | 6 | 0.00 |
| 29 | 698.80 | 37,012 | 202 | -16 | 225 | 0 | 0 | 0 | 7 | 7 | 0.00 |
| 30 | 698.93 | 37,099 | 88 | -27 | 119 | 0 | 0 | 0 | 4 | 4 | 0.12 |
| 31 | 699.04 | 37,174 | 74 | -35 | 113 | 0 | 0 | 0 | 3 | 3 | 0.00 |
| Total | | | 980 | -146 | 2,076 | 0 | 705 | 7 | 238 | 950 | 0.85 |

1/ Total inflow from stream gaging station above Lang Canyon and accretions/depletions.

2/ Project water released to South Bay Aqueduct through Del Valle Pumping Plant.

3/ To East Bay Regional Park District.

NR=No Records

# Table 14. Consolidated State-Federal O'Neill Forebay

Daily Operations

**October 2010**

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

Capacity 56,430 ac-ft

State of California
The Resources Agency
Department of Water Resources
State Water Project

| Date | Water Surface Elevation (in feet) | Storage (ac-ft) | Storage Change (ac-ft) | Inflow (cfs) | | | | Outflow (cfs) | | | | Computed Losses (-) Gains (+) (cfs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Pump In 1/ | O'Neill Pumping Generating Plant (Pumped) | Gianelli Pumping Generating Plant (Generation) | California Aqueduct | O'Neill Pumping Generating Plant (Generation) | Gianelli Pumping Generating Plant (Pumped) | Dos Amigos Pumping Plant | Deliv-eries 2/ | |
| Sep 30 | 222.01 | 48,411 | | | | | | | | | | |
| 1 | 220.98 | 45,708 | -2,703 | 0 | 1,537 | 0 | 5,402 | 0 | 2,051 | 6,590 | 13 | 352 |
| 2 | 220.75 | 45,106 | -602 | 0 | 1,608 | 0 | 5,374 | 0 | 1,130 | 6,082 | 15 | -59 |
| 3 | 221.07 | 45,944 | 838 | 0 | 1,699 | 0 | 5,105 | 0 | 0 | 6,286 | 7 | -89 |
| 4 | 222.04 | 48,491 | 2,547 | 0 | 1,619 | 0 | 5,918 | 0 | 2,032 | 4,386 | 5 | 170 |
| 5 | 222.19 | 48,889 | 398 | 0 | 1,616 | 0 | 5,732 | 0 | 3,005 | 4,379 | 11 | 248 |
| 6 | 223.49 | 52,357 | 3,468 | 0 | 1,646 | 0 | 4,980 | 0 | 0 | 5,038 | 11 | 171 |
| 7 | 223.91 | 53,484 | 1,127 | 0 | 1,777 | 0 | 5,303 | 0 | 2,336 | 4,063 | 8 | -105 |
| 8 | 224.15 | 54,131 | 647 | 0 | 2,030 | 0 | 5,408 | 0 | 2,778 | 4,389 | 8 | 63 |
| 9 | 222.32 | 49,235 | -4,896 | 0 | 2,274 | 0 | 5,605 | 0 | 5,189 | 5,060 | 8 | -90 |
| 10 | 219.89 | 42,867 | -6,368 | 0 | 2,425 | 0 | 4,988 | 0 | 5,840 | 4,809 | 8 | 34 |
| 11 | 221.13 | 46,101 | 3,234 | 0 | 2,390 | 0 | 5,690 | 0 | 2,489 | 4,168 | 2 | 209 |
| 12 | 220.68 | 44,923 | -1,178 | 0 | 2,267 | 0 | 4,324 | 0 | 2,771 | 4,384 | 10 | -20 |
| 13 | 220.85 | 45,368 | 445 | 0 | 2,200 | 0 | 3,452 | 0 | 1,137 | 4,372 | 28 | 109 |
| 14 | 221.59 | 47,309 | 1,941 | 0 | 2,127 | 0 | 4,186 | 0 | 1,334 | 3,965 | 22 | -13 |
| 15 | 221.20 | 46,285 | -1,024 | 0 | 2,150 | 0 | 3,759 | 0 | 2,215 | 4,491 | 11 | 292 |
| 16 | 220.85 | 45,368 | -917 | 0 | 2,252 | 0 | 4,245 | 0 | 1,844 | 4,883 | 5 | -227 |
| 17 | 221.06 | 45,918 | 550 | 0 | 2,311 | 0 | 4,225 | 0 | 1,847 | 4,611 | 7 | 206 |
| 18 | 221.21 | 46,311 | 393 | 0 | 2,492 | 0 | 4,448 | 0 | 1,845 | 5,221 | 3 | 327 |
| 19 | 221.89 | 48,098 | 1,787 | 0 | 2,660 | 0 | 4,304 | 0 | 1,127 | 5,022 | 8 | 94 |
| 20 | 222.86 | 50,673 | 2,575 | 0 | 2,710 | 0 | 4,825 | 0 | 1,658 | 4,793 | 8 | 222 |
| 21 | 223.36 | 52,009 | 1,336 | 0 | 2,878 | 0 | 4,109 | 0 | 1,658 | 4,638 | 12 | -5 |
| 22 | 223.96 | 53,619 | 1,610 | 0 | 2,932 | 0 | 3,746 | 0 | 1,120 | 4,863 | 7 | 124 |
| 23 | 223.21 | 51,607 | -2,012 | 0 | 2,929 | 0 | 2,289 | 0 | 1,122 | 5,309 | 2 | 201 |
| 24 | 223.17 | 51,500 | -107 | 0 | 2,905 | 0 | 2,602 | 0 | 1,120 | 4,422 | 2 | -17 |
| 25 | 223.53 | 52,464 | 964 | 0 | 2,999 | 0 | 3,555 | 0 | 1,120 | 4,947 | 2 | 1 |
| 26 | 223.66 | 52,813 | 349 | 0 | 3,057 | 0 | 3,920 | 0 | 2,031 | 4,852 | 4 | 86 |
| 27 | 223.12 | 51,367 | -1,446 | 0 | 3,067 | 0 | 4,765 | 0 | 3,591 | 5,173 | 4 | 207 |
| 28 | 222.26 | 49,075 | -2,292 | 0 | 3,229 | 0 | 5,233 | 0 | 4,516 | 5,153 | 4 | 55 |
| 29 | 222.79 | 50,486 | 1,411 | 0 | 3,244 | 0 | 5,633 | 0 | 3,255 | 5,140 | 4 | 233 |
| 30 | 222.86 | 50,673 | 187 | 0 | 3,306 | 0 | 5,454 | 0 | 3,978 | 4,923 | 3 | 238 |
| 31 | 221.66 | 47,493 | -3,180 | 0 | 3,222 | 0 | 5,387 | 0 | 5,691 | 4,575 | 3 | 57 |
| Total | | | -918 | 0 | 75,558 | 0 | 143,966 | 0 | 71,830 | 150,987 | 245 | 3,075 |
| Mean cfs | | | - - - | 0 | 2,437 | 0 | 4,644 | 0 | 2,317 | 4,871 | 8 | 99 |
| Acre-feet | | | -918 | 0 | 149,873 | 0 | 285,558 | 0 | 142,475 | 299,479 | 485 | 6,090 |

1/ Pump-in located at Mile 79.67R.

2/ Includes 121 AF delivered to DFG at O'Neill Forebay, 2 AF to Parks & Rec., 67 AF to San Luis Water District, and 154 AF Pump-In Credit.

# Table 15. Consolidated State-Federal San Luis Reservoir

Daily Operations

**October 2010**

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

Capacity: 2,027,835 ac-ft

State of California
The Resources Agency
Department of Water Resources
State Water Project

| Date | Water Surface Elev. (in feet) | Storage (ac-ft) | Storage Change (ac-ft) | Inflow (cfs) | Outflow (cfs) | | | Computed Losses (-) Gains (+) (cfs) |
|---|---|---|---|---|---|---|---|---|
| | | | | Gianelli Pumping Generating Plant (Pumped) | Gianelli Pumping Generating Plant (Generation) | Pacheco Tunnel 1/ | Parks and Rec. Del. | |
| Sep 30 | 430.83 | 788,588 | | | | | | |
| 1 | 431.22 | 792,194 | 3,606 | 2,051 | 0 | 163 | 0 | -70 |
| 2 | 431.50 | 794,786 | 2,592 | 1,130 | 0 | 169 | 0 | 346 |
| 3 | 431.43 | 794,138 | -648 | 0 | 0 | 169 | 0 | -158 |
| 4 | 431.69 | 796,546 | 2,408 | 2,032 | 0 | 182 | 0 | -636 |
| 5 | 432.26 | 801,836 | 5,290 | 3,005 | 0 | 170 | 0 | -168 |
| 6 | 432.27 | 801,929 | 93 | 0 | 0 | 179 | 0 | 226 |
| 7 | 432.64 | 805,369 | 3,440 | 2,336 | 0 | 171 | 0 | -431 |
| 8 | 433.15 | 810,119 | 4,750 | 2,778 | 0 | 182 | 0 | -201 |
| 9 | 434.20 | 819,928 | 9,809 | 5,189 | 0 | 171 | 0 | -73 |
| 10 | 435.41 | 831,282 | 11,354 | 5,840 | 0 | 160 | 0 | 44 |
| 11 | 435.82 | 835,141 | 3,859 | 2,489 | 0 | 195 | 0 | -348 |
| 12 | 436.15 | 838,252 | 3,111 | 2,771 | 0 | 212 | 0 | -991 |
| 13 | 436.40 | 840,611 | 2,359 | 1,137 | 0 | 210 | 0 | 262 |
| 14 | 436.57 | 842,216 | 1,605 | 1,334 | 0 | 194 | 0 | -331 |
| 15 | 436.91 | 845,430 | 3,214 | 2,215 | 0 | 199 | 0 | -396 |
| 16 | 437.29 | 849,027 | 3,597 | 1,844 | 0 | 229 | 0 | 198 |
| 17 | 437.59 | 851,871 | 2,844 | 1,847 | 0 | 202 | 0 | -211 |
| 18 | 437.91 | 854,908 | 3,037 | 1,845 | 0 | 154 | 0 | -160 |
| 19 | 438.13 | 856,997 | 2,089 | 1,127 | 0 | 133 | 0 | 59 |
| 20 | 438.42 | 859,755 | 2,758 | 1,658 | 0 | 120 | 0 | -148 |
| 21 | 438.70 | 862,420 | 2,665 | 1,658 | 0 | 118 | 0 | -196 |
| 22 | 438.89 | 864,230 | 1,810 | 1,120 | 0 | 120 | 0 | -87 |
| 23 | 439.07 | 865,946 | 1,716 | 1,122 | 0 | 115 | 0 | -142 |
| 24 | 439.29 | 868,045 | 2,099 | 1,120 | 0 | 107 | 0 | 45 |
| 25 | 439.49 | 869,954 | 1,909 | 1,120 | 0 | 111 | 0 | -47 |
| 26 | 439.78 | 872,726 | 2,772 | 2,031 | 0 | 113 | 0 | -520 |
| 27 | 440.43 | 878,949 | 6,223 | 3,591 | 0 | 111 | 0 | -343 |
| 28 | 441.28 | 887,108 | 8,159 | 4,516 | 0 | 117 | 0 | -286 |
| 29 | 441.90 | 893,076 | 5,968 | 3,255 | 0 | 126 | 0 | -120 |
| 30 | 442.60 | 899,830 | 6,754 | 3,978 | 0 | 116 | 0 | -457 |
| 31 | 443.76 | 911,061 | 11,231 | 5,691 | 0 | 131 | 0 | 102 |
| Total | | | 122,473 | 71,830 | 0 | 4,849 | 0 | -5,238 |
| Mean cfs | | | - - - | 2,317 | 0 | 156 | 0 | -169 |
| Acre-feet | | | 122,473 | 142,475 | 0 | 9,626 | 0 | -10,376 |

1/ Pacheco Tunnel, San Felipe Split; Santa Clara 6,039 AF, Casa De Fruta 0 AF, and San Benito 0 AF.

## Table 16. San Luis Field Division Plant Data

(in acre-feet) **October 2010**

| Date | Dos Amigos Pumping Plant | | Gianelli Pumping - Generating Plant | | | | San Felipe Project |
|---|---|---|---|---|---|---|---|
| | Total Pumping | SWP Pumping 1/ 2/ | Total Generation | SWP Generation 1/ 2/ | Total Pumping | SWP Pumping 1/ 2/ | Federal |
| 1 | 13,072 | 10,749 | 0 | 0 | 4,069 | 110 | 324 |
| 2 | 12,063 | 9,750 | 0 | 0 | 2,241 | 123 | 335 |
| 3 | 12,468 | 10,108 | 0 | 0 | 0 | 0 | 335 |
| 4 | 8,700 | 6,379 | 0 | 0 | 4,030 | 4,030 | 361 |
| 5 | 8,686 | 6,356 | 0 | 0 | 5,960 | 2,696 | 337 |
| 6 | 9,992 | 7,662 | 0 | 0 | 0 | 0 | 356 |
| 7 | 8,058 | 5,706 | 0 | 0 | 4,633 | 4,633 | 340 |
| 8 | 8,706 | 6,347 | 0 | 0 | 5,511 | 2,227 | 361 |
| 9 | 10,036 | 7,728 | 0 | 0 | 10,293 | 7,086 | 339 |
| 10 | 9,539 | 7,608 | 0 | 0 | 11,584 | 4,713 | 318 |
| 11 | 8,267 | 6,396 | 0 | 0 | 4,936 | 1,720 | 386 |
| 12 | 8,695 | 6,830 | 0 | 0 | 5,496 | 708 | 421 |
| 13 | 8,672 | 6,822 | 0 | 0 | 2,256 | 139 | 416 |
| 14 | 7,864 | 6,005 | 0 | 0 | 2,646 | 2,646 | 384 |
| 15 | 8,907 | 7,027 | 0 | 0 | 4,393 | 2,249 | 395 |
| 16 | 9,686 | 7,797 | 0 | 0 | 3,658 | 1,542 | 455 |
| 17 | 9,146 | 7,211 | 0 | 0 | 3,663 | 461 | 401 |
| 18 | 10,356 | 8,463 | 0 | 0 | 3,660 | 1,534 | 305 |
| 19 | 9,961 | 8,063 | 0 | 0 | 2,236 | 137 | 263 |
| 20 | 9,507 | 7,633 | 0 | 0 | 3,288 | 162 | 239 |
| 21 | 9,199 | 7,330 | 0 | 0 | 3,288 | 165 | 234 |
| 22 | 9,646 | 7,725 | 0 | 0 | 2,222 | 114 | 239 |
| 23 | 10,530 | 8,623 | 0 | 0 | 2,226 | 122 | 229 |
| 24 | 8,772 | 6,829 | 0 | 0 | 2,222 | 121 | 213 |
| 25 | 9,812 | 7,907 | 0 | 0 | 2,222 | 120 | 221 |
| 26 | 9,623 | 7,714 | 0 | 0 | 4,028 | 4,028 | 225 |
| 27 | 10,260 | 8,378 | 0 | 0 | 7,122 | 2,839 | 221 |
| 28 | 10,221 | 8,365 | 0 | 0 | 8,957 | 4,665 | 233 |
| 29 | 10,196 | 8,342 | 0 | 0 | 6,456 | 2,196 | 249 |
| 30 | 9,764 | 7,899 | 0 | 0 | 7,891 | 3,646 | 231 |
| 31 | 9,075 | 7,148 | 0 | 0 | 11,288 | 1,483 | 260 |
| Total | 299,479 | 236,900 | 0 | 0 | 142,475 | 56,415 | 9,626 |

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

2/ Provisional, subject to change.

# Table 17. Consolidated State-Federal Los Banos Reservoir

Daily Operations

**October 2010**

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

Capacity 34,560 ac-ft

State of California
The Resources Agency
Department of Water Resources
State Water Project

| Date | Water Surface Elev. (in feet) | Storage (ac-ft) | Storage Change (ac-ft) | Estimated Inflow (cfs) | Estimated Outflow (cfs) | | Computed Losses (-) Gains (+) (ac-ft) |
|---|---|---|---|---|---|---|---|
| | | | | | Spill | Outlet | |
| Sep 30 | 327.26 | 20,323 | | | | | |
| 1 | 327.26 | 20,323 | 0 | 0 | 0 | 0 | 0 |
| 2 | 327.26 | 20,323 | 0 | 0 | 0 | 0 | 0 |
| 3 | 327.26 | 20,323 | 0 | 0 | 0 | 0 | 0 |
| 4 | 327.26 | 20,323 | 0 | 0 | 0 | 0 | 0 |
| 5 | 327.12 | 20,258 | -65 | 0 | 0 | 0 | -65 |
| 6 | 327.12 | 20,258 | 0 | 0 | 0 | 0 | 0 |
| 7 | 327.12 | 20,258 | 0 | 0 | 0 | 0 | 0 |
| 8 | 327.12 | 20,258 | 0 | 0 | 0 | 0 | 0 |
| 9 | 327.12 | 20,258 | 0 | 0 | 0 | 0 | 0 |
| 10 | 327.12 | 20,258 | 0 | 0 | 0 | 0 | 0 |
| 11 | 327.12 | 20,258 | 0 | 0 | 0 | 0 | 0 |
| 12 | 327.04 | 20,220 | -38 | 0 | 0 | 0 | -38 |
| 13 | 327.04 | 20,220 | 0 | 0 | 0 | 0 | 0 |
| 14 | 327.04 | 20,220 | 0 | 0 | 0 | 0 | 0 |
| 15 | 327.04 | 20,220 | 0 | 0 | 0 | 0 | 0 |
| 16 | 327.04 | 20,220 | 0 | 0 | 0 | 0 | 0 |
| 17 | 327.04 | 20,220 | 0 | 0 | 0 | 0 | 0 |
| 18 | 327.04 | 20,220 | 0 | 0 | 0 | 0 | 0 |
| 19 | 327.04 | 20,220 | 0 | 0 | 0 | 0 | 0 |
| 20 | 326.95 | 20,179 | -41 | 0 | 0 | 0 | -41 |
| 21 | 326.95 | 20,179 | 0 | 0 | 0 | 0 | 0 |
| 22 | 326.95 | 20,179 | 0 | 0 | 0 | 0 | 0 |
| 23 | 326.95 | 20,179 | 0 | 0 | 0 | 0 | 0 |
| 24 | 326.95 | 20,179 | 0 | 0 | 0 | 0 | 0 |
| 25 | 326.95 | 20,179 | 0 | 0 | 0 | 0 | 0 |
| 26 | 326.95 | 20,179 | 0 | 0 | 0 | 0 | 0 |
| 27 | 326.95 | 20,179 | 0 | 0 | 0 | 0 | 0 |
| 28 | 326.95 | 20,179 | 0 | 0 | 0 | 0 | 0 |
| 29 | 326.83 | 20,123 | -56 | 0 | 0 | 0 | -56 |
| 30 | 326.83 | 20,123 | 0 | 0 | 0 | 0 | 0 |
| 31 | 326.83 | 20,123 | 0 | 0 | 0 | 0 | 0 |
| Total | | | -200 | 0 | 0 | 0 | -200 |
| Mean cfs | | | - - - | 0 | 0 | 0 | - - - |
| Acre-feet | | | -200 | 0 | 0 | 0 | -200 |

# Table 18. Consolidated State-Federal Little Panoche Reservoir

Daily Operations

**October 2010**

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

State of California
The Resources Agency
Department of Water Resources
State Water Project

Capacity: 5,580 ac-ft

| Date | Water Surface Elev. (in feet) | Storage (ac-ft) | Storage Change (ac-ft) | Estimated Inflow (cfs) | Estimated Outflow (cfs) | | Computed Losses (-) Gains (+) (ac-ft) |
|---|---|---|---|---|---|---|---|
| | | | | | Spill | Outlet | |
| Sep 30 | 599.40 | 654 | | | | | |
| 1 | Not Observed | | | | | | |
| 2 | Not Observed | | | | | | |
| 3 | Not Observed | | | | | | |
| 4 | Not Observed | | | | | | |
| 5 | Not Observed | | | | | | |
| 6 | Not Observed | | | | | | |
| 7 | Not Observed | | | | | | |
| 8 | Not Observed | | | | | | |
| 9 | Not Observed | | | | | | |
| 10 | Not Observed | | | | | | |
| 11 | Not Observed | | | | | | |
| 12 | Not Observed | | | | | | |
| 13 | Not Observed | | | | | | |
| 14 | Not Observed | | | | | | |
| 15 | Not Observed | | | | | | |
| 16 | Not Observed | | | | | | |
| 17 | Not Observed | | | | | | |
| 18 | Not Observed | | | | | | |
| 19 | Not Observed | | | | | | |
| 20 | Not Observed | | | | | | |
| 21 | Not Observed | | | | | | |
| 22 | 599.40 | 654 | 654 | 0 | 0 | 0 | 654 |
| 23 | Not Observed | | | | | | |
| 24 | Not Observed | | | | | | |
| 25 | 599.40 | 654 | 0 | 0 | 0 | 0 | 0 |
| 26 | Not Observed | | | | | | |
| 27 | Not Observed | | | | | | |
| 28 | Not Observed | | | | | | |
| 29 | 599.40 | 654 | 0 | 0 | 0 | 0 | 0 |
| 30 | Not Observed | | | | | | |
| 31 | 599.40 | 654 | 0 | 0 | 0 | 0 | 0 |
| Total | | | 654 | 0 | 0 | 0 | 654 |
| Mean cfs | | | - - - | 0 | 0 | 0 | - - - |
| Acre-feet | | | 654 | 0 | 0 | 0 | 654 |

# Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries

(In acre-feet)

**October 2010**

| Reach No. | Operating Pool Beginning and Ending No. | Operating Pool Beginning and Ending Structure | Operating Pool Beginning and Ending Mile | Turnout | Total Diver-sions | Deliveries USBR | Deliveries Transfer | Deliveries DWR Recreation | Deliveries USBR Recreation |
|---|---|---|---|---|---|---|---|---|---|
| 2B | 12 | Check No. 12 | 66.71 | | 285,558 | | | | |
| 3A | | San Luis Reservoir | | Department of Parks and Recreation | 0 | | | | |
| | | | | San Felipe Division Santa Clara Water District | 9,267 | 9,267 | | | |
| | | | | Casa de Fruta Santa Clara Water District | 0 | | | | |
| | | | | San Felipe Division San Benito Water District | 359 | 359 | | | |
| | | | | Reach 3A Subtotal: | 9,626 | 9,626 | 0 | 0 | 0 |
| 3 | 13 | O'Neill Forebay | 70.85 | Department of Parks and Recreation | 1 | | | 1 | 0 |
| | | | | Cattle Program | 0 | | | | |
| | | | | Department of Fish & Game | 90 | | | 50 | 40 |
| | | | 70.91 Thru 85.08 | San Luis Water District | 394 | 394 | | | |
| | | | | (Floodwater Inflow) | 0 | | | | |
| | | | | Reach 3 Subtotal: | 485 | 394 | 0 | 51 | 40 |
| | | Dos Amigos Pumping Plant | 86.73 | | 299,479 | | | | |
| 4 | 14 | | 89.03 Thru 94.06 | San Luis Water District | 4,086 | 4,086 | | | |
| | | | 89.66 Thru 89.67 | Pacheco Water District | 367 | 367 | | | |
| | | | 89.68 | Panoche Water District | 53 | 53 | | | |
| | | | 89.70 | City of Dos Palos | 95 | 95 | | | |
| | | Check No. 14 | 95.06 | | | | | | |
| | 15 | | 98.15 Thru 104.20 | San Luis Water District | 456 | 456 | | | |
| | | | 96.15 Thru 102.64 | Panoche Water District | 1,200 | 1,200 | | | |
| | | | | (Floodwater Inflow) | 0 | | | | |
| | | | 102.64 | Broadview Water District | 0 | | | | |
| | | | 105.22 Thru 108.64 | Westlands Water District | 3,198 | 3,198 | | | |
| | | Check No.15 | 108.50 | | | | | | |
| | | | | Reach 4 Subtotal: | 9,455 | 9,455 | 0 | 0 | 0 |
| | | | | San Felipe Division Total: | 9,626 | 9,626 | 0 | 0 | 0 |
| | | | | Pacheco Water District Total: | 367 | 367 | 0 | 0 | 0 |
| | | | | Broadview Water District Total: | 0 | 0 | 0 | 0 | 0 |
| | | | | City of Dos Palos Total: | 95 | 95 | 0 | 0 | 0 |
| | | | | SLWD Reach 4 Subtotal: | 4,542 | 4,542 | 0 | 0 | 0 |
| | | | | Panoche Water District Total: | 1,253 | 1,253 | 0 | 0 | 0 |
| | | | | SLWD Total: | 4,936 | 4,936 | 0 | 0 | 0 |
| | | | | Westlands WD Reach 4 Subtotal: | 3,198 | 3,198 | 0 | 0 | 0 |

# Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries (Continued)

(In acre-feet) **October 2010**

| Reach No. | Operating Pool | | | Turnout | Total Diver-sions | Deliveries | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Beginning and Ending | | | | | | | |
| | No. | Structure | Mile | | | USBR | Transfer | DWR Recreation | USBR Recreation |
| 5 | 16 | | | (Reverse flow, Kings River) | 0 | | | | |
| | | | 110.52 | Westlands Water District | 6,094 | 6,094 | | | |
| | | | Thru | Dept. of Fish and Game @ Lat. 4L | 1 | | | 1 | 0 |
| | | | 122.05 | Dept. of Fish and Game @ Lat. 6L | 0 | | | | |
| | | | | Dept. of Fish and Game @ Lat. 7L | 0 | | | | |
| | | Check No. 16 | 122.07 | | | | | | |
| | 17 | | 124.18 Thru 132.74 | Westlands Water District | 4,175 | 4,175 | | | |
| | | Check No. 17 | 132.95 | | | | | | |
| | 18 | | 133.81 Thru 142.61 | Westlands Water District | 6,615 | 6,615 | | | |
| | | Pleasant Valley Pumping Plant | 143.16 | Westlands Water District | 6,031 | 6,031 | | | |
| | | | 143.16 | City of Coalinga | 512 | 512 | | | |
| | | Check No. 18 | 143.23 | | | | | | |
| | | | | Reach 5 Subtotal: | 23,428 | 23,427 | 0 | 1 | 0 |
| 6 | 19 | | | GWF Energy | 0 | | | | |
| | | | | City of Huron | 2 | 2 | | | |
| | | | 145.26 Thru 151.19 | DWR Water Truck @22R | 4 | | 4 | | |
| | | | | Kings County to Lemoore NAS Through WWD | 220 | | 1/ 220 | | |
| | | | | Kings County through WWD 30L | 0 | | | | |
| | | | | Westlands Water District | 5,387 | 5,387 | | | |
| | | Check No. 19 | 155.64 | | | | | | |
| | | | | Reach 6 Subtotal: | 5,613 | 5,389 | 224 | 0 | 0 |
| 7 | 20 | | 156.34 | City of Huron | 94 | 94 | | | |
| | | | 156.40 | SWP Construction @ Lat. 24R | 0 | | | | |
| | | | Thru | Kings County through WWD 31L, 32L, 33L, 34L, 35L, 36L | 0 | | | | |
| | | | 163.69 | Westlands Water District | 2,832 | 2,832 | | | |
| | | Check No. 20 | 164.69 | | | | | | |
| | 21 | | 164.79 | City of Avenal | 203 | 203 | | | |
| | | | 167.04 Thru 171.67 | Westlands Water District | 1,836 | 1,836 | | | |
| | | Check No. 21 | 172.40 | | 251,314 | | | | |
| | | | | Reach 7 Total: | 4,965 | 4,965 | 0 | 0 | 0 |
| | | | | SWP Construction Total: | 0 | 0 | 0 | 0 | 0 |
| | | | | Westlands WD Total: | 36,168 | 36,168 | 0 | 0 | 0 |
| | | | | City of Coalinga Total: | 512 | 512 | 0 | 0 | 0 |
| | | | | City of Huron Total: | 96 | 96 | 0 | 0 | 0 |
| | | | | Kings County to Lemoore NAS Through WWD | 220 | 0 | 220 | 0 | 0 |
| | | | | City of Avenal Total: | 203 | 203 | 0 | 0 | 0 |
| | | | | Total San Luis Field Division Deliveries: | 53,572 | 53,256 | 224 | 52 | 40 |

1/ From County of Kings to Westlands Water District.

# Table 20. Consolidated State-Federal San Luis Canal 1/

Daily Operations

**October 2010**

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

State of California
The Resources Agency
Department of Water Resources
State Water Project

| Date | Storage In Canal (ac-ft) | Storage Change (ac-ft) | Inflow (cfs) | | Outflow (cfs) | | | | Computed Losses (-) Gains (+) (cfs) |
|---|---|---|---|---|---|---|---|---|---|
| | | | Non-Project | Dos Amigos Pumping Plant | San Luis Water District Pools 14 & 15 2/ | Panoche Water District Pools 14 & 15 | Westlands Water District Pools 15 thru 21 3/ | Flow Past Check 21 | |
| Sep 30 | 29,144 | | | | | | | | |
| 1 | 28,762 | -382 | 0 | 6,590 | 115 | 38 | 841 | 6,022 | 233 |
| 2 | 28,206 | -556 | 0 | 6,082 | 115 | 38 | 841 | 5,541 | 173 |
| 3 | 28,472 | 266 | 0 | 6,286 | 115 | 38 | 841 | 5,400 | 242 |
| 4 | 28,939 | 467 | 0 | 4,386 | 115 | 38 | 841 | 3,211 | 55 |
| 5 | 28,583 | -356 | 0 | 4,379 | 115 | 30 | 841 | 3,410 | -162 |
| 6 | 28,977 | 394 | 0 | 5,038 | 76 | 23 | 841 | 4,062 | 162 |
| 7 | 28,834 | -143 | 0 | 4,063 | 76 | 23 | 657 | 3,481 | 102 |
| 8 | 29,216 | 382 | 0 | 4,389 | 76 | 23 | 657 | 3,555 | 114 |
| 9 | 29,421 | 205 | 0 | 5,060 | 76 | 23 | 657 | 4,335 | 135 |
| 10 | 28,640 | -781 | 0 | 4,809 | 76 | 18 | 657 | 4,629 | 177 |
| 11 | 28,933 | 293 | 0 | 4,168 | 76 | 18 | 657 | 3,340 | 70 |
| 12 | 28,716 | -217 | 0 | 4,384 | 76 | 18 | 657 | 3,913 | 170 |
| 13 | 29,012 | 296 | 0 | 4,372 | 88 | 18 | 657 | 3,536 | 76 |
| 14 | 28,438 | -574 | 0 | 3,965 | 88 | 18 | 488 | 3,586 | -74 |
| 15 | 28,632 | 194 | 0 | 4,491 | 88 | 18 | 488 | 3,581 | -219 |
| 16 | 28,293 | -339 | 0 | 4,883 | 88 | 18 | 488 | 4,216 | -244 |
| 17 | 27,928 | -365 | 0 | 4,611 | 88 | 18 | 488 | 4,098 | -103 |
| 18 | 27,893 | -35 | 0 | 5,221 | 88 | 18 | 488 | 4,292 | -352 |
| 19 | 27,790 | -103 | 0 | 5,022 | 88 | 18 | 488 | 4,244 | -236 |
| 20 | 27,786 | -4 | 0 | 4,793 | 85 | 18 | 488 | 3,933 | -271 |
| 21 | 28,794 | 1,008 | 0 | 4,638 | 85 | 20 | 502 | 4,026 | 503 |
| 22 | 27,774 | -1,020 | 0 | 4,863 | 85 | 20 | 502 | 3,631 | -1,139 |
| 23 | 27,923 | 149 | 0 | 5,309 | 62 | 20 | 502 | 4,338 | -312 |
| 24 | 27,426 | -497 | 0 | 4,422 | 62 | 20 | 502 | 4,042 | -46 |
| 25 | 27,362 | -64 | 0 | 4,947 | 61 | 20 | 502 | 4,298 | -98 |
| 26 | 27,154 | -208 | 0 | 4,852 | 0 | 10 | 502 | 4,088 | -357 |
| 27 | 27,062 | -92 | 0 | 5,173 | 60 | 10 | 502 | 4,237 | -410 |
| 28 | 27,433 | 371 | 0 | 5,153 | 60 | 10 | 513 | 4,034 | -349 |
| 29 | 28,102 | 669 | 0 | 5,140 | 60 | 10 | 592 | 3,844 | -297 |
| 30 | 28,429 | 327 | 0 | 4,923 | 60 | 10 | 564 | 3,998 | -126 |
| 31 | 28,789 | 360 | 0 | 4,575 | 60 | 10 | 513 | 3,781 | -29 |
| Total | | -355 | 0 | 150,987 | 2,463 | 632 | 18,757 | 126,702 | -2,612 |
| Mean cfs | | - - - | 0 | 4,871 | 79 | 20 | 605 | 4,087 | -84 |
| Acre-feet | | -355 | 0 | 299,479 | 5,004 | 1,253 | 37,204 | 251,314 | -5,059 |

1/ San Luis Canal includes Pools 14 through 21 of the California Aqueduct.

2/ Includes 367 AF to Pacheco W.D., 95 AF to the City of Dos Palos and 4,542 AF to San Luis Water District.

3/ Includes 94 AF to the City of Huron, 203 AF to the City of Avenal, 512 AF to the City of Coalinga, 2 AF to Huron P&R @ 22R, 220 AF to Lemoore N.A.S. @ 29L, 0 AF GWF @ 30L, 4 AF to DWR Water Truck at 22R, 0 AF Kings County @ 30L, 0 AF Broadview WD @ 3L, 1 AF DFG @ 4L, 0 AF Pilibos Wildlife @4L, 0 AF Mendota Water Fowl Habitat Area @ 6L, 0 AF DFG @ 7L, 0 AF Non-Project Water, 30,137 AF to Westlands Water District and 6,031 AF to Pleasant Valley Pumping Plant.

# Table 21. San Joaquin Field Division Plant Data

(in acre-feet)

**October 2010**

| Date | Coastal Aqueduct | | | | | California Aqueduct | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Las Perillas Pumping Plant | Badger Hill Pumping Plant | Devil's Den Pumping Plant | Bluestone Pumping Plant | Polonio Pass Pumping Plant | Buena Vista Pumping Plant | Teerink Pumping Plant | Chrisman Pumping Plant | Edmonston Pumping Plant |
| 1 | 289 | 256 | 108 | 98 | 109 | 7,347 | 6,845 | 6,485 | 6,461 |
| 2 | 314 | 316 | 103 | 95 | 101 | 6,836 | 6,736 | 6,393 | 6,370 |
| 3 | 303 | 258 | 93 | 85 | 93 | 5,820 | 6,247 | 6,022 | 6,424 |
| 4 | 266 | 198 | 85 | 74 | 85 | 3,747 | 2,901 | 3,390 | 3,398 |
| 5 | 221 | 200 | 62 | 56 | 64 | 3,065 | 3,046 | 2,903 | 2,820 |
| 6 | 249 | 247 | 57 | 51 | 59 | 3,496 | 2,868 | 2,674 | 2,721 |
| 7 | 228 | 195 | 50 | 44 | 52 | 3,206 | 2,785 | 2,711 | 2,621 |
| 8 | 281 | 241 | 86 | 78 | 84 | 3,441 | 3,074 | 2,953 | 2,846 |
| 9 | 301 | 264 | 69 | 61 | 69 | 6,066 | 5,986 | 5,793 | 5,873 |
| 10 | 362 | 324 | 77 | 68 | 77 | 5,978 | 5,792 | 5,561 | 5,627 |
| 11 | 258 | 245 | 74 | 67 | 74 | 4,749 | 4,581 | 4,367 | 4,373 |
| 12 | 244 | 230 | 80 | 72 | 82 | 4,692 | 4,634 | 4,502 | 4,498 |
| 13 | 333 | 317 | 88 | 78 | 89 | 4,815 | 4,546 | 4,337 | 4,373 |
| 14 | 290 | 246 | 91 | 83 | 82 | 3,983 | 3,714 | 3,501 | 3,524 |
| 15 | 202 | 205 | 91 | 80 | 94 | 4,513 | 4,191 | 3,984 | 4,029 |
| 16 | 287 | 273 | 91 | 81 | 91 | 5,510 | 5,282 | 5,060 | 5,167 |
| 17 | 222 | 224 | 74 | 67 | 83 | 5,720 | 5,457 | 5,270 | 5,313 |
| 18 | 180 | 179 | 101 | 91 | 101 | 6,245 | 6,032 | 5,864 | 5,869 |
| 19 | 166 | 145 | 82 | 75 | 84 | 6,271 | 6,286 | 6,115 | 6,027 |
| 20 | 218 | 187 | 74 | 66 | 76 | 6,056 | 6,025 | 5,745 | 5,667 |
| 21 | 157 | 158 | 57 | 52 | 60 | 5,673 | 5,620 | 5,397 | 5,335 |
| 22 | 109 | 129 | 48 | 44 | 49 | 5,563 | 5,644 | 5,468 | 5,531 |
| 23 | 229 | 217 | 50 | 44 | 53 | 6,187 | 5,504 | 6,025 | 6,029 |
| 24 | 206 | 229 | 46 | 42 | 50 | 6,088 | 6,212 | 5,351 | 6,002 |
| 25 | 201 | 221 | 54 | 50 | 57 | 6,088 | 6,077 | 5,863 | 5,633 |
| 26 | 322 | 282 | 38 | 36 | 42 | 5,563 | 5,644 | 5,160 | 5,467 |
| 27 | 369 | 298 | 20 | 16 | 20 | 6,035 | 6,151 | 6,008 | 5,956 |
| 28 | 209 | 190 | 49 | 46 | 53 | 6,168 | 6,145 | 6,004 | 5,849 |
| 29 | 40 | 55 | 47 | 40 | 49 | 6,088 | 6,057 | 5,956 | 5,958 |
| 30 | 0 | 13 | 20 | 24 | 39 | 6,037 | 5,994 | 5,821 | 5,820 |
| 31 | 0 | 0 | 22 | 20 | 24 | 5,111 | 5,563 | 5,275 | 5,519 |
| Total | 7,056 | 6,541 | 2,087 | 1,884 | 2,145 | 166,159 | 161,639 | 155,957 | 157,098 |

# Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries

(In acre-feet) **October 2010**

| Reach No. | Operating Pool Beginning and Ending No. | Structure | Mile | Turnout | Total Diver-sions | Deliveries Table A | USBR | Article 56C | Pool A / Pool B | Other |
|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 21 | Check No. 21 | 172.40 | | 251,314 | | | | | |
| 8C | 22 | | 172.66 | Empire West Side ID TL - A | 117 | 117 | | | | |
| | | | | County of Kings TL - A | 0 | | | | | |
| | | | | Tulare Lake Basin WSD TL-A | 762 | 762 | | | | |
| 8D | | | 175.18 | Dudley Ridge WD - 1 | 0 | | | | | |
| | | | 177.54 | Dudley Ridge WD - 1B | 91 | 91 | | | | |
| | | | 180.64 | Tulare Lake Basin WSD - C | 0 | | | | | |
| | | | 180.65 | Dudley Ridge WD - 1A | 45 | 45 | | | | |
| | | | 182.99 | Dudley Ridge WD - 2 | 556 | 556 | | | | |
| | | | 183.00 | Tulare Lake Basin WSD TL - B | 0 | | | | | |
| | | | | County of Kings TL-B | 0 | | | | | |
| | | | 184.00 | Dudley Ridge WD - Paramount | 2 | 2 | | | | |
| 31A | | | 184.63 | Coastal Branch | 7,056 | | | | | |
| 8D | | | 184.78 | Dudley Ridge WD - 3 | 1,000 | 1,000 | | | | |
| | | | | Dudley Ridge Reach 8D Total: | 1,694 | 1,694 | 0 | 0 | 0 | 0 |
| | | | | Tulare Lake Basin WSD Total: | 762 | 762 | 0 | 0 | 0 | 0 |
| | | Check No. 22 | 184.82 | | | | | | | |
| 9 | 23 | | 189.69 | Kern County Water Agency Lost Hills Water Dist. - 1 | 2,606 | | | 2,606 | | |
| | | | 191.18 | Kern County Water Agency Lost Hills Water Dist. - 2 | 560 | | | 560 | | |
| | | | 194.22 | Kern County Water Agency Lost Hills Water Dist. - 3 | 466 | | | 466 | | |
| | | | 196.40 | Kern County Water Agency Berrenda Mesa - 2 | 58 | | | 58 | | |
| | | | 196.75 | Kern County Water Agency Lost Hills Water Dist. - 4 | 735 | | | 735 | | |
| | | | | KCWA Reach 9 Subtotal: | 4,425 | 0 | 0 | 4,425 | 0 | 0 |
| | | Check No. 23 | 197.05 | | | | | | | |
| 10A | 24 | | 201.24 | Kern County Water Agency Lost Hills Water Dist. - 7 | 352 | | | 352 | | |
| | | | 202.05 | Kern County Water Agency Lost Hills Water Dist. - 5 | 469 | | | 469 | | |
| | | | 204.69 | Kern County Water Agency Lost Hills Water Dist. - 6 | 0 | | | | | |
| | | | 205.26 | Kern County Water Agency Lost Hills Water Dist. - 8 | 3 | | | 3 | | |
| | | Check No. 24 | 207.94 | | | | | | | |
| | 25 | | 209.71 | Kern County Water Agency Belridge Water Storage Dist. - 1A | 493 | | | 493 | | |
| | | | 209.78 | Kern National Wildlife Refuge USBR BV-1B | 4,760 | | 4,760 | | | |
| | | | | Kern County Water Agency Buena Vista WSD 1B | 56 | | | 56 | | |
| | | | 209.80 | KCWA Semitropic WSD | 11,039 | | | 10,939 | | 1/ 100 |
| | | | | KCWA Semitropic WSD Penstocks | 8,585 | | | 8,585 | | |
| | | | | USBR Total: | 4,760 | 0 | 4,760 | 0 | 0 | 0 |
| | | | | KCWA Reach 10A Subtotal: | 20,997 | 0 | 0 | 20,897 | 0 | 100 |

1/ Dudley Ridge Water District same landowner transfer - Sandridge.

# Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet) **October 2010**

| Reach No. | Operating Pool Beginning and Ending No. | Structure | Mile | Turnout | Total Diver-sions | Deliveries Table A | USBR | Article 56C | Pool A / Pool B | Other |
|---|---|---|---|---|---|---|---|---|---|---|
| 11B | 25 | | 210.75 | Kern County Water Agency Belridge - 2 | 0 | | | | | |
| | | | 214.11 | Kern County Water Agency Belridge - 3 | 113 | | | 113 | | |
| | | | 216.62 | Kern County Water Agency Belridge - 4 | 0 | | | | | |
| | | | 217.13 | Kern County Water Agency Belridge - 5A-C | 3,918 | | | 3,068 | | 2/ 850 |
| | | | | Kern County Water Agency Belridge - 5D | 137 | | | 137 | | |
| | | Check No. 25 | 217.79 | | | | | | | |
| | | | | KCWA Reach 11B Subtotal: | 4,168 | 0 | 0 | 3,318 | 0 | 850 |
| 12D | 26 | | 219.58 | Kern County Water Agency Belridge - 6 | 0 | | | | | |
| | | | | Kern County Water Agency West Kern - 3 | 481 | 481 | | | | |
| | | Check No. 26 | 224.92 | | | | | | | |
| 12E | 27 | | 230.37 | Kern County Water Agency Buena Vista - 6 | 0 | | | | | |
| | | Check No. 27 | 231.73 | | | | | | | |
| | 28 | | 235.75 | Kern County Water Agency Buena Vista - 2 | 0 | | | | | |
| | | | 238.04 | Kern County WA CVC | 27,433 | 757 | | 3,609 | | 3/ 23,067 |
| | | | | DRWD CVC | 0 | | | | | |
| | | | | Tulare Co. | 0 | | | | | |
| | | | | Lower Tule River | 0 | | | | | |
| | | | | Fresno Co. | 0 | | | | | |
| | | | | Pixley ID | 0 | | | | | |
| | | | | Hacienda DWR Wells | 0 | | | | | |
| | | Check No. 28 | 238.11 | | | | | | | |
| | | | | 1/ Arvin Edison Total: | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | Reach 12E Subtotal: | 27,433 | 757 | 0 | 3,609 | 0 | 23,067 |
| 13B | 29 | | 238.19 | Kern Water Bank Inflow | 11,284 | | | 11,284 | | |
| | | | | Kern Water Bank Outflow | 0 | | | | | |
| | | | 241.02 | Kern River Intertie (inflow) | 0 | | | | | |
| | | | 242.85 | KCWA Buena Vista WSD - 7 | 0 | | | | | |
| | | | | KCWA Buena Vista WSD - 5 | 0 | | | | | |
| | | | 243.09 | Kern County Water Agency Buena Vista - 3 | 0 | | | | | |
| | | Check No. 29 | 244.54 | | | | | | | |
| | 30 | | 249.85 | Kern County Water Agency Buena Vista - 4 | 0 | | | | | |
| | | Buena Vista Pumping Plant | 250.99 | | 166,159 | | | | | |
| | | | | KCWA Reach 13B Subtotal: | 11,284 | 0 | 0 | 11,284 | 0 | 0 |
| 14A | 31 | | 254.47 | Kern County Water Agency West Kern - 2 | 0 | | | | | |
| | | | 256.11 | Kern County Water Agency Wheeler Ridge-Maricopa - 2 | 53 | | | 53 | | |

1/ Arvin Edison Contractors include Rag Gulch WD, Kern-Tulare WD, Fresno County, Hills Valley ID, Tri Valley WD, Tulare County, Lower Tule River ID, and Pixley ID.

2/ Dudley Ridge Water District same landowner transfer - Sandridge.

3/ Includes 12,325 AF of MWD Table A sent to Kern-Delta, 6,858 AF of MWD Table A sent to Arvin Edison WSD and 3,884 AF of Kern-Tulare WD CVP water.

# Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet) **October 2010**

| Reach No. | Operating Pool Beginning and Ending No. | Structure | Mile | Turnout | Total Diver-sions | Deliveries Table A | USBR | Article 56C | Pool A / Pool B | Other |
|---|---|---|---|---|---|---|---|---|---|---|
| 14A | 31 | Check No. 31 | 256.14 | | | | | | | |
| | 32 | | 258.61 | Kern County Water Agency Wheeler Ridge-Maricopa - 3 | 247 | | | 247 | | |
| | | | 260.44 | Kern County Water Agency Wheeler Ridge-Maricopa - 4 | 778 | | | 778 | | |
| | | Check No. 32 | 261.72 | | | | | | | |
| | | | | KCWA Reach 14A Subtotal: | 1,078 | 0 | 0 | 1,078 | 0 | 0 |
| 14B | 33 | | 264.42 | Kern County Water Agency Wheeler Ridge-Maricopa - 5 | 1,581 | | | 1,581 | | |
| | | | 266.91 | Kern County Water Agency Wheeler Ridge-Maricopa - 6 | 336 | | | 336 | | |
| | | Check No. 33 | 267.36 | | | | | | | |
| | 34 | | 270.24 | Kern County Water Agency Wheeler Ridge-Maricopa - 7 | 1,132 | | | 1,132 | | |
| | | Check No. 34 | 271.27 | | | | | | | |
| | | | | Reach 14B Total: | 3,049 | 0 | 0 | 3,049 | 0 | 0 |
| 14C | 35 | | 272.39 | Kern County Water Agency Wheeler Ridge-Maricopa - 8 | 816 | | | 816 | | |
| | | | 276.09 | Kern County Water Agency Wheeler Ridge-Maricopa - 9 | 355 | | | 355 | | |
| | | | 277.30 | Kern County Water Agency Arvin-Edison WSD | 5,574 | | | | | 1/ 5,574 |
| | | | | Reach 14C Total: | 6,745 | 0 | 0 | 1,171 | 0 | 5,574 |
| 15A | | Teerink Pumping Plant | 278.13 | | 161,639 | | | | | |
| | 36 | | 279.02 | Kern County Water Agency Wheeler Ridge-Maricopa - 9A | 257 | | | 257 | | |
| | | | 280.06 | Kern County Water Agency Wheeler Ridge-Maricopa - 10 | 709 | | | 709 | | |
| | | | | Reach 15A Total: | 966 | 0 | 0 | 966 | 0 | 0 |
| 16A | | Chrisman Pumping Plant | 280.36 | | 155,957 | | | | | |
| | 37 | | 282.06 | Kern County Water Agency Wheeler Ridge-Maricopa - 11 | 0 | | | | | |
| | | Check No. 37 | 283.95 | | | | | | | |
| | 38 | | 285.01 | Kern County Water Agency Wheeler Ridge-Maricopa - 12 | 26 | 26 | | | | |
| | | | 286.39 | Kern County Water Agency Wheeler Ridge-Maricopa - 13A | 5 | | | 5 | | |
| | | | 287.06 | Kern County Water Agency Wheeler Ridge-Maricopa - 13 | 0 | | | | | |
| | | Check No. 38 | 287.09 | | | | | | | |
| | 39 | | 287.62 | Kern County Water Agency Wheeler Ridge-Maricopa - 13B | 56 | | | 56 | | |
| | | Check No. 39 | 290.21 | | | | | | | |
| | 40 | | 291.26 | Kern County Water Agency Wheeler Ridge-Maricopa - 14 | 564 | | | 564 | | |
| | | | 293.07 | Kern County Water Agency Wheeler Ridge-Maricopa - 15 | 97 | | | 97 | | |
| | | | | Kern County Water Agency Tehachapi Cummings CWD | 0 | | | | | |
| | | | | KCWA Reach 16A Subtotal: | 748 | 26 | 0 | 722 | 0 | 0 |
| 17E | | Edmonston Pumping Plant | 293.45 | | 157,098 | | | | | |

1/ MWD Table A sent to Arvin Edison WSD.

# Table 23. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Coastal Branch)

(In acre-feet)

**October 2010**

| Reach No. | Operating Pool Beginning and Ending No. | Structure | Mile | Turnout | Total Diver-sions | Deliveries Table A | USBR | Article 56C | Pool A / Pool B | Other |
|---|---|---|---|---|---|---|---|---|---|---|
| 31A | C-1 | Coastal Branch Control | 0.02 | | 7,056 | | | | | |
| | | Las Perillas Pumping Plant | 1.16 | | 7,056 | | | | | |
| | C-2 | | 3.79 | Green Valley Water District | 0 | | | | | |
| | | Badger Hill Pumping Plant | 4.27 | | 6,541 | | | | | |
| | C-3 | Coastal Check No. 3 | 7.21 | | | | | | | |
| | C-4 | | 9.34 | Castaic Lake WA (Devil's Den WD #1) | 0 | | | | | |
| | | Coastal Check No. 4 | 9.34 | | | | | | | |
| | C-5 | Coastal Check No. 5 | 12.20 | | | | | | | |
| | C-6 | | 13.30 | Kern County Water Agency Berrenda Mesa - 3 | 413 | | | 413 | | |
| | | | 14.83 | Kern County Water Agency Berrenda Mesa - 1 | 4,487 | | | 4,487 | | |
| | | | | Kern County Water Agency Berrenda Mesa - PO | 0 | | | | | |
| | | Devil's Den Pumping Plant | 14.86 | | 2,087 | | | | | |
| | | | | KCWA Reach 31A Subtotal: | 4,900 | 0 | 0 | 4,900 | 0 | 0 |
| | | | | KCWA Total: | 86,274 | 1,264 | 0 | 55,419 | 0 | 29,591 |
| 33A | C-7 | Bluestone Pumping Plant | 19.05 | | 1,884 | | | | | |
| | C-8 | Polonio Pass Pumping Plant | 26.54 | | 2,145 | | | | | |
| | C-9 | Tank Site 1 | 27.81 | (CCWA) Polonio Pass Treatment Plant | 0 | | | | | |
| | C-10 | Shandon T.O. | 38.23 | Santa Barbara County (CCWA) | 1,726 | 1,726 | | | | |
| | | Tank Site 2 | 58.63 | Central Coast: | 0 | | | | | |
| | C-11 | Chorro Valley T.O. | 69.31 | San Luis Obispo County (CCWA) | 453 | 453 | | | | |
| 34 | | Energy Dissipater | 78.12 | | | | | | | |
| | C-12 | Lopez T.O. | 85.86 | SLOCFC & WCD | 0 | | | | | |
| | | | | CCWA Total: | 2,179 | 2,179 | 0 | 0 | 0 | 0 |
| 35 | | Guadalupe T.O. | 102.70 | SBCFC & WCD | 0 | | | | | |
| | | Santa Maria T.O. | 107.43 | SBCFC & WCD | 0 | | | | | |
| | | So. Cal. Water T.O. | 109.20 | SBCFC & WCD | 0 | | | | | |
| 38 | | | | SBCFC & WCD Total: | 0 | 0 | 0 | 0 | 0 | 0 |
| | | Tank Site 5 | 115.42 | | | | | | | |

# Table 24. Southern Field Division Plant Data

(in acre-feet)

**October 2010**

| Date | West Branch | | | | | | East Branch | | | | | | | | East Branch Extension | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Oso Pumping Plant | Warne Powerplant | | | Castaic Powerplant | | Alamo Powerplant | | | Pearblossom Pumping Plant | Mojave Siphon Powerplant | | | Devil Canyon Powerplant Generation | Green Spot | Crafton Hills | Cherry Valley |
| | | Generation | Leakage | Gorman Crk. Improvement Channel | Generation 1/ | Pumpback 1/ | Generation | Bypass Through Plant | Tehachapi Afterbay Bypass | | Generation | Leakage | Bypass Flume | | | | |
| 1 | 2,041 | 1,957 | 0 | 0 | 1,612 | 0 | 2,762 | 0 | 1,264 | 3,870 | 2,731 | 0 | 795 | 4,005 | 79 | 79 | 37 |
| 2 | 3,617 | 2,545 | 0 | 0 | 872 | 635 | 2,701 | 0 | 0 | 3,064 | 2,007 | 0 | 1,176 | 3,408 | 77 | 77 | 39 |
| 3 | 2,498 | 2,543 | 0 | 0 | 1,683 | 0 | 2,933 | 0 | 839 | 3,064 | 2,009 | 0 | 719 | 2,623 | 77 | 78 | 38 |
| 4 | 2,457 | 2,544 | 0 | 0 | 2,352 | 0 | 692 | 0 | 0 | 589 | 429 | 0 | 0 | 2,657 | 77 | 77 | 39 |
| 5 | 2,463 | 2,541 | 0 | 0 | 2,866 | 784 | 297 | 0 | 0 | 0 | 0 | 21 | 0 | 2,316 | 78 | 78 | 37 |
| 6 | 2,445 | 2,545 | 0 | 0 | 2,765 | 0 | 237 | 0 | 0 | 0 | 0 | 16 | 0 | 2,143 | 78 | 78 | 37 |
| 7 | 2,331 | 2,545 | 0 | 0 | 2,782 | 0 | 260 | 0 | 0 | 0 | 0 | 15 | 0 | 2,055 | 81 | 81 | 36 |
| 8 | 2,385 | 2,546 | 0 | 0 | 3,057 | 0 | 611 | 0 | 0 | 311 | 110 | 0 | 0 | 1,929 | 81 | 81 | 35 |
| 9 | 2,600 | 2,542 | 0 | 0 | 3,641 | 0 | 2,811 | 0 | 563 | 3,064 | 2,641 | 0 | 0 | 2,065 | 81 | 81 | 35 |
| 10 | 2,069 | 1,816 | 0 | 0 | 1,618 | 0 | 2,836 | 0 | 380 | 3,064 | 2,967 | 0 | 0 | 2,088 | 81 | 81 | 35 |
| 11 | 1,192 | 1,008 | 0 | 0 | 2,243 | 0 | 2,866 | 0 | 315 | 3,064 | 2,892 | 0 | 0 | 2,134 | 68 | 68 | 35 |
| 12 | 1,194 | 1,161 | 0 | 0 | 1,390 | 0 | 2,880 | 0 | 456 | 3,064 | 2,972 | 0 | 0 | 2,167 | 63 | 64 | 37 |
| 13 | 1,105 | 1,002 | 0 | 0 | 1,690 | 575 | 2,908 | 0 | 347 | 3,064 | 2,976 | 0 | 0 | 2,141 | 67 | 66 | 36 |
| 14 | 0 | 1,013 | 0 | 0 | 1,932 | 0 | 2,765 | 0 | 500 | 3,064 | 2,914 | 0 | 0 | 2,514 | 83 | 81 | 36 |
| 15 | 420 | 1,011 | 0 | 0 | 2,106 | 0 | 2,881 | 0 | 398 | 3,064 | 2,933 | 0 | 0 | 2,515 | 83 | 81 | 39 |
| 16 | 1,843 | 1,009 | 0 | 0 | 550 | 0 | 2,941 | 0 | 207 | 3,033 | 2,911 | 0 | 0 | 2,521 | 83 | 82 | 40 |
| 17 | 1,798 | 1,016 | 0 | 0 | 1,065 | 0 | 2,939 | 0 | 512 | 3,064 | 2,947 | 0 | 0 | 2,554 | 82 | 82 | 40 |
| 18 | 2,440 | 2,734 | 0 | 0 | 2,756 | 0 | 2,759 | 0 | 231 | 3,064 | 3,032 | 0 | 0 | 2,545 | 81 | 81 | 40 |
| 19 | 2,645 | 2,731 | 0 | 0 | 2,864 | 728 | 2,883 | 0 | 612 | 3,064 | 2,818 | 0 | 0 | 2,605 | 81 | 81 | 40 |
| 20 | 2,571 | 2,723 | 0 | 0 | 2,201 | 728 | 2,576 | 0 | 6 | 3,064 | 2,757 | 0 | 522 | 2,387 | 81 | 81 | 40 |
| 21 | 2,580 | 2,720 | 0 | 0 | 3,927 | 581 | 2,997 | 0 | 331 | 3,064 | 3,051 | 0 | 0 | 2,610 | 81 | 81 | 40 |
| 22 | 2,565 | 2,674 | 0 | 91 | 4,695 | 1,011 | 2,678 | 0 | 0 | 2,280 | 2,379 | 0 | 0 | 2,299 | 82 | 81 | 39 |
| 23 | 2,589 | 2,779 | 0 | 0 | 151 | 1,245 | 2,880 | 0 | 421 | 3,064 | 2,801 | 0 | 0 | 3,088 | 82 | 81 | 39 |
| 24 | 2,590 | 2,779 | 0 | 0 | 1,076 | 1,183 | 2,724 | 0 | 397 | 3,064 | 2,978 | 0 | 0 | 2,825 | 81 | 81 | 39 |
| 25 | 2,589 | 2,780 | 0 | 0 | 3,218 | 0 | 2,797 | 0 | 246 | 2,764 | 838 | 0 | 2,231 | 2,795 | 81 | 81 | 39 |
| 26 | 2,935 | 2,751 | 0 | 0 | 3,186 | 819 | 2,479 | 0 | 0 | 2,463 | 0 | 0 | 2,622 | 2,339 | 78 | 78 | 39 |
| 27 | 2,592 | 2,606 | 0 | 0 | 3,802 | 947 | 2,646 | 0 | 549 | 3,064 | 0 | 0 | 2,981 | 2,853 | 80 | 80 | 38 |
| 28 | 2,807 | 2,561 | 0 | 0 | 3,439 | 0 | 2,670 | 0 | 298 | 3,064 | 0 | 0 | 2,981 | 2,830 | 80 | 80 | 36 |
| 29 | 2,841 | 2,551 | 0 | 0 | 2,893 | 0 | 2,911 | 0 | 298 | 3,064 | 0 | 0 | 2,981 | 2,700 | 77 | 77 | 36 |
| 30 | 2,586 | 2,546 | 0 | 0 | 944 | 0 | 2,992 | 0 | 397 | 3,064 | 0 | 0 | 2,981 | 2,706 | 77 | 77 | 37 |
| 31 | 2,314 | 2,552 | 0 | 0 | 667 | 0 | 2,847 | 0 | 256 | 3,028 | 0 | 0 | 2,981 | 2,715 | 77 | 77 | 39 |
| Total | 69,102 | 68,831 | 0 | 91 | 70,043 | 9,236 | 75,159 | 0 | 9,823 | 79,618 | 54,093 | 52 | ####### | 79,132 | 2,438 | 2,432 | 1,172 |

1/ Values supplied by LADWP, not verified by DWR.

# Table 25. Pyramid Lake

Daily Operation

Capacity: 171,200 ac-ft (in acre-feet except as noted) **October 2010**

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Inflow | | | | Outflow | | | | Computed Losses (-) And Gains (+) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Project | | | Natural | Project | | To Piru Creek | | |
| | | | | Castaic Powerplant Pumpback 1/ | Warne Power-plant | Gorman Creek Improv. Channel | Stream Flow | Castaic Powerplant Generation 1/ | Recrea-tion Deliveries | Natural | Del. To United W.A. | |
| Sep 30 | 2573.62 | 164,308 | | | | | | | | | | |
| 1 | 2574.20 | 165,042 | 734 | 0 | 1,957 | 0 | 6 | 1,612 | 0 | 6 | 0 | 389 |
| 2 | 2575.96 | 167,281 | 2,239 | 635 | 2,545 | 0 | 7 | 872 | 0 | 6 | 0 | -70 |
| 3 | 2576.67 | 168,190 | 909 | 0 | 2,543 | 0 | 8 | 1,683 | 0 | 6 | 0 | 47 |
| 4 | 2576.74 | 168,280 | 90 | 0 | 2,544 | 0 | 8 | 2,352 | 0 | 6 | 0 | -104 |
| 5 | 2577.00 | 168,613 | 333 | 784 | 2,541 | 0 | 9 | 2,866 | 0 | 6 | 0 | -129 |
| 6 | 2576.67 | 168,190 | -423 | 0 | 2,545 | 0 | 12 | 2,765 | 0 | 6 | 0 | -209 |
| 7 | 2576.60 | 168,100 | -90 | 0 | 2,545 | 0 | 13 | 2,782 | 1 | 6 | 0 | 141 |
| 8 | 2576.29 | 167,703 | -397 | 0 | 2,546 | 0 | 12 | 3,057 | 0 | 6 | 0 | 108 |
| 9 | 2575.52 | 166,719 | -984 | 0 | 2,542 | 0 | 10 | 3,641 | 0 | 6 | 0 | 111 |
| 10 | 2575.58 | 166,796 | 77 | 0 | 1,816 | 0 | 10 | 1,618 | 0 | 6 | 0 | -125 |
| 11 | 2574.13 | 164,953 | -1,843 | 0 | 1,008 | 0 | 9 | 2,243 | 0 | 6 | 0 | -611 |
| 12 | 2573.90 | 164,662 | -291 | 0 | 1,161 | 0 | 8 | 1,390 | 0 | 6 | 0 | -64 |
| 13 | 2573.71 | 164,422 | -240 | 575 | 1,002 | 0 | 8 | 1,690 | 0 | 6 | 0 | -129 |
| 14 | 2572.92 | 163,426 | -996 | 0 | 1,013 | 0 | 8 | 1,932 | 0 | 6 | 0 | -79 |
| 15 | 2571.98 | 162,246 | -1,180 | 0 | 1,011 | 0 | 8 | 2,106 | 0 | 6 | 0 | -87 |
| 16 | 2572.25 | 162,584 | 338 | 0 | 1,009 | 0 | 9 | 550 | 0 | 6 | 0 | -124 |
| 17 | 2572.08 | 162,371 | -213 | 0 | 1,016 | 0 | 9 | 1,065 | 0 | 6 | 0 | -167 |
| 18 | 2572.01 | 162,283 | -88 | 0 | 2,734 | 0 | 12 | 2,756 | 1 | 6 | 0 | -71 |
| 19 | 2572.90 | 163,400 | 1,117 | 728 | 2,731 | 0 | 20 | 2,864 | 0 | 6 | 0 | 508 |
| 20 | 2573.29 | 163,892 | 492 | 728 | 2,723 | 0 | 29 | 2,201 | 0 | 9 | 0 | -778 |
| 21 | 2572.73 | 163,187 | -705 | 581 | 2,720 | 0 | 21 | 3,927 | 0 | 12 | 0 | -88 |
| 22 | 2571.96 | 162,220 | -967 | 1,011 | 2,674 | 91 | 17 | 4,695 | 0 | 12 | 0 | -53 |
| 23 | 2573.78 | 164,510 | 2,290 | 1,245 | 2,779 | 0 | 16 | 151 | 0 | 12 | 0 | -1,587 |
| 24 | 2576.76 | 168,305 | 3,795 | 1,183 | 2,779 | 0 | 15 | 1,076 | 0 | 12 | 0 | 906 |
| 25 | 2576.55 | 168,036 | -269 | 0 | 2,780 | 0 | 15 | 3,218 | 0 | 12 | 0 | 166 |
| 26 | 2576.75 | 168,292 | 256 | 819 | 2,751 | 0 | 14 | 3,186 | 0 | 12 | 0 | -130 |
| 27 | 2576.46 | 167,921 | -371 | 947 | 2,606 | 0 | 13 | 3,802 | 1 | 12 | 0 | -122 |
| 28 | 2575.30 | 166,439 | -1,482 | 0 | 2,561 | 0 | 13 | 3,439 | 0 | 13 | 0 | -604 |
| 29 | 2575.30 | 166,439 | 0 | 0 | 2,551 | 0 | 13 | 2,893 | 0 | 13 | 0 | 342 |
| 30 | 2576.44 | 167,895 | 1,456 | 0 | 2,546 | 0 | 15 | 944 | 0 | 14 | 0 | -147 |
| 31 | 2578.07 | 169,992 | 2,097 | 0 | 2,552 | 0 | 15 | 667 | 0 | 14 | 0 | 211 |
| Total | | | 5,684 | 9,236 | 68,831 | 91 | 382 | 70,043 | 3 | 261 | 0 | -2,549 |

1/ Values supplied by LADWP, not verified by DWR.

# Table 26. Elderberry Forebay

Daily Operation

(in acre-feet except as noted)

Capacity: 32,476 ac-ft

**October 2010**

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Inflow | | Outflow | | | Computed Losses (-) And Gains (+) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Castaic Powerplant Generation 1/ | Natural | Castaic Powerplant Pumpback 1/ | To Castaic Lake | | |
| | | | | | | | Natural | Project 1/ | |
| Sep 30 | 1509.22 | 18,885 | | | | | | | |
| 1 | 1509.32 | 18,924 | 39 | 1,612 | 0 | 0 | 0 | 1,574 | 1 |
| 2 | 1509.63 | 19,042 | 118 | 872 | 0 | 635 | 0 | 0 | -119 |
| 3 | 1513.63 | 20,608 | 1,566 | 1,683 | 0 | 0 | 0 | 0 | -117 |
| 4 | 1512.31 | 20,084 | -524 | 2,352 | 0 | 0 | 0 | 2,923 | 47 |
| 5 | 1509.18 | 18,870 | -1,214 | 2,866 | 0 | 784 | 0 | 3,255 | -41 |
| 6 | 1508.40 | 18,574 | -296 | 2,765 | 0 | 0 | 0 | 3,043 | -18 |
| 7 | 1508.01 | 18,426 | -148 | 2,782 | 0 | 0 | 0 | 2,930 | 0 |
| 8 | 1508.33 | 18,547 | 121 | 3,057 | 0 | 0 | 0 | 2,935 | -1 |
| 9 | 1505.81 | 17,607 | -940 | 3,641 | 0 | 0 | 0 | 4,583 | 2 |
| 10 | 1507.00 | 18,048 | 441 | 1,618 | 0 | 0 | 0 | 1,175 | -2 |
| 11 | 1513.06 | 20,381 | 2,333 | 2,243 | 0 | 0 | 0 | 0 | 90 |
| 12 | 1512.58 | 20,191 | -190 | 1,390 | 0 | 0 | 0 | 1,581 | 1 |
| 13 | 1507.34 | 18,175 | -2,016 | 1,690 | 0 | 575 | 0 | 3,164 | 33 |
| 14 | 1506.25 | 17,769 | -406 | 1,932 | 0 | 0 | 0 | 2,327 | -11 |
| 15 | 1509.38 | 18,946 | 1,177 | 2,106 | 0 | 0 | 0 | 932 | 3 |
| 16 | 1511.01 | 19,575 | 629 | 550 | 0 | 0 | 0 | 0 | 79 |
| 17 | 1513.89 | 20,712 | 1,137 | 1,065 | 0 | 0 | 0 | 0 | 72 |
| 18 | 1520.92 | 23,634 | 2,922 | 2,756 | 0 | 0 | 0 | 0 | 166 |
| 19 | 1518.88 | 22,766 | -868 | 2,864 | 0 | 728 | 0 | 3,021 | 17 |
| 20 | 1512.00 | 19,962 | -2,804 | 2,201 | 0 | 728 | 0 | 4,264 | -13 |
| 21 | 1511.45 | 19,746 | -216 | 3,927 | 0 | 581 | 0 | 3,553 | -9 |
| 22 | 1511.39 | 19,723 | -23 | 4,695 | 0 | 1,011 | 0 | 3,699 | -8 |
| 23 | 1508.77 | 18,714 | -1,009 | 151 | 0 | 1,245 | 0 | 0 | 85 |
| 24 | 1508.72 | 18,695 | -19 | 1,076 | 0 | 1,183 | 0 | 0 | 88 |
| 25 | 1516.87 | 21,926 | 3,231 | 3,218 | 0 | 0 | 0 | 0 | 13 |
| 26 | 1515.59 | 21,400 | -526 | 3,186 | 0 | 819 | 0 | 2,913 | 20 |
| 27 | 1512.71 | 20,242 | -1,158 | 3,802 | 0 | 947 | 0 | 3,956 | -57 |
| 28 | 1511.94 | 19,938 | -304 | 3,439 | 0 | 0 | 0 | 3,744 | 1 |
| 29 | 1504.90 | 17,273 | -2,665 | 2,893 | 0 | 0 | 0 | 5,557 | -1 |
| 30 | 1505.80 | 17,603 | 330 | 944 | 0 | 0 | 0 | 615 | 1 |
| 31 | 1507.91 | 18,389 | 786 | 667 | 0 | 0 | 0 | 0 | 119 |
| Total | | | -496 | 70,043 | 0 | 9,236 | 0 | 61,744 | 441 |

1/ Values supplied by LADWP, not verified by DWR.

## Table 27. Castaic Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 323,699 ac-ft

**October 2010**

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Inflow | | | Outflow | | Computed Losses (-) And Gains (+) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | From Elderberry Forebay 1/ | | Natural | Deliveries | Released To Castaic Lagoon | |
| | | | | Natural | Project | | | | |
| Sep 30 | 1484.53 | 259,734 | | | | | | | |
| 1 | 1484.26 | 259,202 | -532 | 0 | 1,574 | 0 | 2,089 | 40 | 23 |
| 2 | 1483.38 | 257,474 | -1,728 | 0 | 0 | 0 | 1,961 | 40 | 273 |
| 3 | 1482.54 | 255,830 | -1,644 | 0 | 0 | 0 | 1,873 | 0 | 229 |
| 4 | 1483.09 | 256,905 | 1,075 | 0 | 2,923 | 0 | 1,807 | 0 | -41 |
| 5 | 1483.89 | 258,475 | 1,570 | 0 | 3,255 | 0 | 1,861 | 0 | 176 |
| 6 | 1484.65 | 259,970 | 1,495 | 0 | 3,043 | 0 | 1,712 | 0 | 164 |
| 7 | 1485.53 | 261,708 | 1,738 | 0 | 2,930 | 0 | 1,288 | 0 | 96 |
| 8 | 1486.42 | 263,471 | 1,763 | 0 | 2,935 | 0 | 1,185 | 0 | 13 |
| 9 | 1487.97 | 266,558 | 3,087 | 0 | 4,583 | 0 | 1,085 | 0 | -411 |
| 10 | 1487.94 | 266,499 | -59 | 0 | 1,175 | 0 | 1,262 | 0 | 28 |
| 11 | 1487.26 | 265,142 | -1,357 | 0 | 0 | 0 | 982 | 0 | -375 |
| 12 | 1487.49 | 265,600 | 458 | 0 | 1,581 | 0 | 1,425 | 0 | 302 |
| 13 | 1488.37 | 267,358 | 1,758 | 0 | 3,164 | 0 | 1,536 | 0 | 130 |
| 14 | 1488.81 | 268,240 | 882 | 0 | 2,327 | 0 | 1,466 | 0 | 21 |
| 15 | 1488.54 | 267,699 | -541 | 0 | 932 | 0 | 1,557 | 0 | 84 |
| 16 | 1487.90 | 266,419 | -1,280 | 0 | 0 | 0 | 1,298 | 0 | 18 |
| 17 | 1487.25 | 265,122 | -1,297 | 0 | 0 | 0 | 1,229 | 0 | -68 |
| 18 | 1486.62 | 263,869 | -1,253 | 0 | 0 | 0 | 1,248 | 0 | -5 |
| 19 | 1487.69 | 265,999 | 2,130 | 0 | 3,021 | 0 | 1,100 | 0 | 209 |
| 20 | 1489.37 | 269,364 | 3,365 | 0 | 4,264 | 0 | 834 | 0 | -65 |
| 21 | 1490.77 | 272,181 | 2,817 | 0 | 3,553 | 0 | 626 | 0 | -110 |
| 22 | 1492.25 | 275,177 | 2,996 | 0 | 3,699 | 0 | 576 | 0 | -127 |
| 23 | 1491.94 | 274,548 | -629 | 0 | 0 | 0 | 566 | 0 | -63 |
| 24 | 1491.66 | 273,980 | -568 | 0 | 0 | 0 | 542 | 0 | -26 |
| 25 | 1491.21 | 273,069 | -911 | 0 | 0 | 0 | 638 | 0 | -273 |
| 26 | 1492.30 | 275,279 | 2,210 | 0 | 2,913 | 0 | 565 | 0 | -138 |
| 27 | 1493.93 | 278,602 | 3,323 | 0 | 3,956 | 0 | 522 | 0 | -111 |
| 28 | 1495.45 | 281,723 | 3,121 | 0 | 3,744 | 0 | 576 | 0 | -47 |
| 29 | 1497.69 | 286,359 | 4,636 | 0 | 5,557 | 0 | 656 | 0 | -265 |
| 30 | 1497.70 | 286,379 | 20 | 0 | 615 | 0 | 750 | 0 | 155 |
| 31 | 1497.38 | 285,714 | -665 | 0 | 0 | 0 | 780 | 0 | 115 |
| Total | | | 25,980 | 0 | 61,744 | 0 | 35,595 | 80 | -89 |

1/ Values supplied by LADWP, not verified by DWR.

# Table 28. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (West Branch)

(In acre-feet) **October 2010**

| Reach No. | Operating Pool Beginning and Ending | | | Turnout | Total Diver-sions | Deliveries | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. | Structure | Mile | | | Table A | Rec. | Pool A | Local | Article 56C | Other |
| 29A | 42 | Oso Pumping Plant | 1.49 | | 69,102 | | | | | | |
| 29F | W2 | Quail Lake | 5.02 | Antelope Valley-East Kern Water Agency | Re-moved | | | | | | |
| | | Quail Lake Embankment | 7.82 | Antelope Valley-East Kern Water Agency | Stub | | | | | | |
| 29G | | Warne Power Plant | 14.07 | (91 AF of flow through Gorman Creek Imp. Channel) | 68,831 | | | | | | |
| 29H | W3 | Pyramid Lake | | USFS Pyramid Recreation (T300) | 3 | | 3 | | | | |
| | | | | United WA (T300) | 0 | | | | | | |
| | | Pyramid Dam | 17.10 | California State Park Piru Fish (T300) | 0 | | | | | | |
| 29J | | Castaic Power Plant | 25.82 | (9,236 AF pumpback ) 2/ | 70,043 | | | | | | |
| | W4 | Elderberry Forebay | | | | | | | | | |
| | | Forebay Dam | 28.12 | | | | | | | | |
| 30 1/ | W5 | Castaic Lake | | California State Park Castaic Lake Recreation (T301) | 17 | | 17 | | | | |
| | | Castaic Dam | 31.47 | | | | | | | | |
| | | Castaic Lake Outlet | 31.6 | MWDSC 78" & 132" (T302) | 33,006 | 31,978 | | | | 1,028 | |
| | | | | Castaic Lake WA 18", 24" & 54" (T303) | 945 | 945 | | | | | |
| | | | | Castaic Lake WA Rio Vista T.P. (T304) | 1,473 | 1,473 | | | | | |
| | | | | MWD-Ventura Co. WPD (T302) | 154 | 154 | | | | | |
| | | | | | | | | | | | |
| | | | | Releases to Lagoon | 80 | | | | | | |
| | | | | Reach 30 Subtotal: | 35,595 | 34,550 | 17 | 0 | 0 | 1,028 | 0 |
| | W6 | Castaic Lagoon | | California State Park Recreation to Lagoon (T353) | 0 | | | | | | |
| | | Castaic Lagoon Outlet | 31.9 | | 186 | | | | | | |

1/ Reach 30 actually terminates at mile 31.50. It is shown here as including the outlet works at mile 31.55. All deliveries from the outlet works and from the Lagoon are billed to Reach 30.

2/ Value Supplied by LADWP, not verified by DWR.

# Table 29. Silverwood Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 74,970 ac-ft

**October 2010**

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Inflow | | | Outflow | | | | | Computed Losses (-) And Gains (+) | Las Flores Ranch Exchange 1/ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Project | | | Del. To Mojave W.A. | Natural To Mojave River | | |
| | | | | Mojave Siphon Power-plant | Mojave Bypass Flume | Natural Stream Flow | Delivered to CLAWA | Rec. | San Bernardino Tunnel | | | | |
| Sep 30 | 3349.77 | 69,960 | | | | | | | | | | | |
| 1 | 3349.32 | 69,538 | -422 | 2,731 | 795 | 0 | 6 | 0 | 4,005 | 0 | 0 | 63 | 0 |
| 2 | 3349.29 | 69,510 | -28 | 2,007 | 1,176 | 0 | 5 | 0 | 3,408 | 0 | 0 | 202 | 0 |
| 3 | 3349.46 | 69,669 | 159 | 2,009 | 719 | 0 | 5 | 0 | 2,623 | 0 | 0 | 59 | 0 |
| 4 | 3346.96 | 67,346 | -2,323 | 429 | 0 | 0 | 5 | 0 | 2,657 | 0 | 0 | -90 | 0 |
| 5 | 3344.44 | 65,047 | -2,299 | 21 | 0 | 0 | 4 | 0 | 2,316 | 0 | 0 | 0 | 0 |
| 6 | 3342.02 | 62,880 | -2,167 | 16 | 0 | 1 | 0 | 1 | 2,143 | 0 | 1 | -39 | 0 |
| 7 | 3339.55 | 60,708 | -2,172 | 15 | 0 | 1 | 0 | 0 | 2,055 | 0 | 0 | -133 | 0 |
| 8 | 3337.33 | 58,790 | -1,918 | 110 | 0 | 1 | 0 | 0 | 1,929 | 0 | 1 | -99 | 0 |
| 9 | 3338.03 | 59,391 | 601 | 2,641 | 0 | 1 | 1 | 0 | 2,065 | 0 | 0 | 25 | 0 |
| 10 | 3339.07 | 60,290 | 899 | 2,967 | 0 | 1 | 1 | 0 | 2,088 | 0 | 1 | 21 | 0 |
| 11 | 3340.00 | 61,101 | 811 | 2,892 | 0 | 0 | 0 | 0 | 2,134 | 0 | 0 | 53 | 0 |
| 12 | 3340.98 | 61,960 | 859 | 2,972 | 0 | 0 | 0 | 0 | 2,167 | 0 | 1 | 55 | 0 |
| 13 | 3341.88 | 62,756 | 796 | 2,976 | 0 | 0 | 0 | 0 | 2,141 | 0 | 0 | -39 | 0 |
| 14 | 3342.36 | 63,182 | 426 | 2,914 | 0 | 0 | 0 | 0 | 2,514 | 0 | 1 | 27 | 0 |
| 15 | 3342.58 | 63,378 | 196 | 2,933 | 0 | 0 | 3 | 1 | 2,515 | 0 | 0 | -218 | 0 |
| 16 | 3343.28 | 64,004 | 626 | 2,911 | 0 | 1 | 5 | 0 | 2,521 | 0 | 1 | 241 | 0 |
| 17 | 3343.62 | 64,309 | 305 | 2,947 | 0 | 1 | 4 | 0 | 2,554 | 0 | 0 | -85 | 0 |
| 18 | 3344.07 | 64,713 | 404 | 3,032 | 0 | 1 | 4 | 0 | 2,545 | 0 | 1 | -79 | 0 |
| 19 | 3344.44 | 65,047 | 334 | 2,818 | 0 | 1 | 4 | 0 | 2,605 | 0 | 0 | 124 | 0 |
| 20 | 3345.47 | 65,982 | 935 | 2,757 | 522 | 1 | 3 | 1 | 2,387 | 0 | 1 | 47 | 0 |
| 21 | 3345.92 | 66,392 | 410 | 3,051 | 0 | 1 | 4 | 0 | 2,610 | 0 | 0 | -28 | 0 |
| 22 | 3345.98 | 66,447 | 55 | 2,379 | 0 | 1 | 4 | 0 | 2,299 | 0 | 1 | -21 | 0 |
| 23 | 3345.67 | 66,164 | -283 | 2,801 | 0 | 1 | 6 | 0 | 3,088 | 0 | 0 | 9 | 0 |
| 24 | 3345.81 | 66,292 | 128 | 2,978 | 0 | 1 | 2 | 1 | 2,825 | 0 | 1 | -22 | 0 |
| 25 | 3345.87 | 66,347 | 55 | 838 | 2,231 | 1 | 4 | 0 | 2,795 | 0 | 41 | -175 | 0 |
| 26 | 3345.90 | 66,374 | 27 | 0 | 2,622 | 1 | 4 | 0 | 2,339 | 0 | 101 | -152 | 0 |
| 27 | 3345.76 | 66,246 | -128 | 0 | 2,981 | 1 | 3 | 0 | 2,853 | 0 | 113 | -141 | 0 |
| 28 | 3345.90 | 66,374 | 128 | 0 | 2,981 | 1 | 3 | 0 | 2,830 | 0 | 113 | 92 | 0 |
| 29 | 3345.59 | 66,091 | -283 | 0 | 2,981 | 1 | 0 | 1 | 2,700 | 0 | 113 | -451 | 0 |
| 30 | 3345.81 | 66,292 | 201 | 0 | 2,981 | 1 | 1 | 0 | 2,706 | 0 | 113 | 39 | 0 |
| 31 | 3345.84 | 66,319 | 27 | 0 | 2,981 | 1 | 0 | 0 | 2,715 | 0 | 113 | -127 | 0 |
| Total | | | -3,641 | 54,145 | 22,970 | 21 | 81 | 5 | 79,132 | 0 | 717 | -842 | 0 |

1/ Project water delivered from Mojave Siphon in exchange for like amount of natural stream flow.

# Table 30. Lake Perris

Daily Operation

(in acre-feet except as noted)

Capacity: 131,452 ac-ft

**October 2010**

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Inflow 1/ | Outflow 2/ | Computed Losses (-) Gains (+) 1/ |
|---|---|---|---|---|---|---|
| Sep 30 | 1555.63 | 61,200 | | | | |
| 1 | 1555.41 | 60,822 | -378 | | 65 | |
| 2 | 1555.41 | 60,822 | 0 | | 64 | |
| 3 | 1555.38 | 60,770 | -52 | | 23 | |
| 4 | 1555.41 | 60,822 | 52 | | 65 | |
| 5 | 1555.47 | 60,925 | 103 | | 65 | |
| 6 | 1555.44 | 60,873 | -52 | | 67 | |
| 7 | 1555.52 | 61,011 | 138 | | 65 | |
| 8 | 1555.49 | 60,959 | -52 | | 69 | |
| 9 | 1555.41 | 60,822 | -137 | | 69 | |
| 10 | 1555.41 | 60,822 | 0 | | 69 | |
| 11 | 1555.47 | 60,925 | 103 | | 71 | |
| 12 | 1555.44 | 60,873 | -52 | | 69 | |
| 13 | 1555.36 | 60,736 | -137 | | 69 | |
| 14 | 1555.41 | 60,822 | 86 | | 70 | |
| 15 | 1555.47 | 60,925 | 103 | | 70 | |
| 16 | 1555.44 | 60,873 | -52 | | 69 | |
| 17 | 1555.60 | 61,148 | 275 | | 69 | |
| 18 | 1555.52 | 61,011 | -137 | | 70 | |
| 19 | 1555.55 | 61,058 | 47 | | 69 | |
| 20 | 1555.55 | 61,062 | 4 | | 70 | |
| 21 | 1555.63 | 61,200 | 138 | | 70 | |
| 22 | 1555.58 | 61,114 | -86 | | 69 | |
| 23 | 1555.60 | 61,148 | 34 | | 70 | |
| 24 | 1555.63 | 61,200 | 52 | | 69 | |
| 25 | 1555.58 | 61,114 | -86 | | 70 | |
| 26 | 1555.49 | 60,959 | -155 | | 70 | |
| 27 | 1555.49 | 60,959 | 0 | | 69 | |
| 28 | 1555.47 | 60,925 | -34 | | 70 | |
| 29 | 1555.44 | 60,873 | -52 | | 69 | |
| 30 | 1555.52 | 61,011 | 138 | | 69 | |
| 31 | 1555.36 | 60,736 | -275 | | 71 | |
| Total | | | -464 | 3,517 | 2,083 | -1,898 |

1/ Readings are not taken on a daily basis. End of month only.

2/ Includes deliveries to MWD from Reach 28J and recreation water to California State Park at Lake Perris.

# Table 31. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch)

(In acre-feet) **October 2010**

| Reach No. | Operating Pool Beginning and Ending No. | Structure | Mile | Turnout | Total Diver-sions | Deliveries Table A | Rec. | Pool A | Local | Article 56C | Other |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 17E | 40 | Edmonston Pumping Plant | 293.45 | | 157,098 | | | | | | |
| | 41 | | 298.65 | KCWA Tej.-Cas | Stub | | | | | | |
| 17F | | Check No. 41 | 303.41 | | | | | | | | |
| 18A | 42 | | 304.99 | AVEK WA-Temp for TEA construction (T389) | 0 | | | | | | |
| | | Check No. 42 | 304.99 | | | | | | | | |
| | 43 | Alamo Powerplant | 305.73 | (Includes 75,159 AF generation, 0 AF plant bypass, and 9,823 AF Tehachapi Bypass) | 84,982 | | | | | | |
| | | | 306.71 | AVEK 305th Street West (T287) | 0 | | | | | | |
| 19 | | | 308.05 | AVEK 294th Street West (T267) | 0 | | | | | | |
| | | Check No. 43 | 309.70 | | | | | | | | |
| | 44 | | 311.84 | LADWP Connection | 0 | | | | | | |
| | | | 313.50 | AVEK 245th Street West (T269) | 0 | | | | | | |
| | | Check No. 44 | 314.81 | | | | | | | | |
| | 45 | | 314.93 | AVEK 235th Street West (T270) | 0 | | | | | | |
| | | | 315.57 | AVEK 225th Street West (T271) | 0 | | | | | | |
| | | Check No. 45 | 319.74 | | | | | | | | |
| | 46 | | 323.19 | Antelope Valley-East Kern WA Fairmont (T272) | 1,114 | 1,114 | | | | | |
| | | | | Mojave Water Agency Fairmont (T272) | 78 | 78 | | | | | |
| | | Check No. 46 | 323.84 | | | | | | | | |
| | | | | Reach 19 Total: | 1,192 | 1,192 | 0 | 0 | 0 | 0 | 0 |
| 20A | 47 | Check No. 47 | 326.77 | | | | | | | | |
| | 48 | | 326.91 | Antelope Valley-East Kern WA Willow Springs (T273) | 47 | 47 | | | | | |
| | | | 329.65 | Antelope Valley-East Kern WA 120th Street West | Re-moved | | | | | | |
| | | Check No. 48 | 330.82 | | | | | | | | |
| | 49 | Check No. 49 | 335.93 | | | | | | | | |
| | 50 | | 336.73 | Antelope Valley-East Kern WA Quartz Hill (T274) | 3,759 | 3,759 | | | | | |
| | | | 339.68 | Antelope Valley-East Kern WA Rancho Vista (T275) | 19 | 19 | | | | | |
| 20B | | | 340.92 | AVEK WA-Temp (T387) | 0 | | | | | | |
| | | Check No. 50 | 341.51 | | | | | | | | |
| | 51 | | 342.06 | AVEK WA-Temp (T386) | 0 | | | | | | |
| | | Check No. 51 | 342.07 | | | | | | | | |
| | 52 | | 342.95 | Antelope Valley-East Kern WA 30th Street West (T414) | 0 | | | | | | |
| | | Check No. 52 | 343.74 | | | | | | | | |
| | 53 | | 346.98 | Palmdale WD (T276) Temp. | 1,279 | 1,279 | | | | | |
| | | | 348.14 | Antelope Valley-East Kern WA Acton Treatment Plant (T277) | 51 | 51 | | | | | |
| 21 | | Check No. 53 | 348.17 | | | | | | | | |
| | | | 349.52 | Palmdale WD (T394) | 0 | | | | | | |
| | 54 | Check No. 54 | 350.25 | | | | | | | | |
| | 55 | Check No. 55 | 352.70 | | | | | | | | |
| | 56 | Check No. 56 | 354.76 | | | | | | | | |
| | 57 | | 354.97 | AVEK WA- Delivered through Littlerock Creek ID (T278) | 0 | | | | | | |
| | | | 354.97 | Palmdale WD (T276) | 0 | | | | | | |
| 22A | | | 354.97 | Palmdale WD (T391) | 0 | | | | | | |
| | | Check No. 57 | 356.93 | | | | | | | | |
| | 58 | | 357.60 | AVEK 95th Street East (T279) | 64 | 64 | | | | | |
| | | | 357.72 | AVEK 96th Street East (T280) | 0 | | | | | | |
| | | | 359.76 | AVEK East Side Treatment Plant (T281) | 219 | 219 | | | | | |

# Table 31. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch, Continued)

(In acre-feet) **October 2010**

| Reach No. | Operating Pool Beginning and Ending No. | Structure | Mile | Turnout | Total Diver-sions | Deliveries Table A | Rec. | Pool A | Local | Article 56C | Other |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 22B | 58 | Pearblossom Pumping Plant | 360.61 | | 79,618 | | | | | | |
| | 59 | Check No. 59 | 366.09 | | | | | | | | |
| | 60 | | 366.50 | AVEK Big Rock Siphon (T368) | 0 | | | | | | |
| | | Check No. 60 | 373.94 | | | | | | | | |
| | 61 | Check No. 61 | 379.00 | | | | | | | | |
| | 62 | Check No. 62 | 384.26 | | | | | | | | |
| | 63 | Check No. 63 | 389.20 | Mojave Water Agency White Road 24" & 42" (T282) | 490 | 490 | | | | | |
| | 64 | Check No. 64 | 395.10 | | | | | | | | |
| | 65 | Check No. 65 | 400.32 | | | | | | | | |
| | 66 | | 401.10 | Mojave Water Agency Morongo 24" & 42" (T284) | 3,836 | 3,836 | | | | | |
| | | Check No. 66 | 403.41 | | | | | | | | |
| 23 | 67 | Mojave Siphon | 405.58 | Las Flores Ranch Exchange | 0 | | | | | | 1/ 0 |
| | | Mojave Siphon Powerplant | 405.65 | | 0 | | | | | | |
| 24 | | Silverwood Lake | 407.65 | MWA CS DAM (T288) | 707 | 707 | | | | | |
| | | | | California State Park Silverwood (T288) | 5 | | 5 | | | | |
| | | | 407.70 | Creastline-Lake Arrowhead WA State Project Water (T289) | 81 | 81 | | | | | |
| | | | | Non-Project Water (T289) | 0 | | | | | | |
| 25 | | San Bernardino Intake Tunnel | | | 79,132 | | | | | | |
| 26A | | Devil Canyon Powerplant | 412.73 | | 79,132 | | | | | | |
| | 68 | Devil Canyon Afterbay Control Structures | 412.88 | MWD-Rialto (T292) | 0 | | | | | | |
| | | | | MWD-Rialto (T293) | 19,557 | 2/ 10,000 | | | | 9,557 | |
| | | | | Desert Water Agency Transfer (T293) | 5,429 | 5,429 | | | | | |
| | | | | Coachella Valley WD Transfer (T293) | 13,472 | 13,472 | | | | | |
| | | | | MWD EBX-1 (T290) | 0 | | | | | | |
| | | | | MWD EBX-1 (T291) | 0 | | | | | | |
| | | | | East Branch Extension | 9,102 | 3/ 8,602 | | | | | 4/ 500 |
| | | | | MWD (T294) | 11,401 | | | | | 5,271 | 5/ 6,130 |
| 28G | 69 | Santa Ana Valley Pipeline | 425.46 | | | | | | | | |
| 28H | | | 433.06 | Desert Water Agency (T295) | 704 | 704 | | | | | |
| | | | | Coachella Valley WD (T296) | 1,747 | 1,747 | | | | | |
| | | | | MWD-SC Box Springs (T295) | 4,982 | 3,952 | | | | 1,030 | |
| | | | 440.05 | MWD-SC Perris Bypass Pipeline (T296) | 10,275 | | | | | 10,275 | |
| 28J | | Lake Perris | 442.00 | MWD-SC (T297) | 145 | | | | | 145 | |
| | | | 443.44 | MWD-SC 54" & 78" (T299) | 1,903 | | | | | 1,903 | |
| | | | | Calif. State Park Lake Perris Parks & Rec. (T298) | 34 | | 34 | | | | |
| | | | | MWD Total: | 81,269 | 45,930 | 0 | 0 | 0 | 29,209 | 6,130 |

1/ Project water delivered from Mojave Siphon in exchange for like amount of natural stream flow.

2/ San Bernardino Valley MWD Table A delivered to MWDSC.

3/ Includes 2,539 AF to San Gabriel Valley MWD, 5,539 AF to San Bernardino Valley MWD, and 524 AF to San Gorgonio Pass WA.

4/ Exchange of Table A between San Gorgonio Pass WA and Castaic Lake Agency WA.

5/ SWP Supply Exchange.

# Table 32. Water Quality At Selected SWP Locations

**October 2010**

| Constituent | Units | Thermalito Afterbay At Outlet | North Bay Aqueduct Barker Slough Pumping Plant | Delta Mendota Canal At McCabe Rd. | California Aqueduct | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Banks Pumping Plant | O'Neill Forebay Outlet (Check 13) | Kettleman City (Check 21) | Near Hwy 119 (Check 29) | Tehachapi Afterbay (Check 41) | Devil Canyon Headworks |
| Alkalinity | mg/l as CaCO3 | 40 | 89 | 73 | 68 | 71 | 73 | 74 | 72 | 70 |
| Antimony | mg/l | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | NR | NR |
| Arsenic | mg/l | <0.001 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 |
| Beryllium | mg/l | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Boron | mg/l | <0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Bromide | mg/l | <0.01 | 0.03 | 0.24 | 0.29 | 0.29 | 0.30 | 0.30 | 0.27 | 0.31 |
| Calcium | mg/l | 9 | 16 | 19 | 16 | 18 | 18 | 18 | 19 | 18 |
| Chloride | mg/l as C | 1.0 | 14.0 | 71.0 | 89.0 | 89.0 | 90.0 | 91.0 | 86.0 | 94.0 |
| Chromium | mg/l as C | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.0 | <0.001 | <0.001 |
| Copper | mg/l | <0.001 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fluoride | mg/l | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Hardness | mg/l | 44.000 | 88.000 | 97.000 | 93.000 | 97.000 | 100.000 | 101.000 | 105.000 | 99.000 |
| Iron | mg/l | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | <0.005 | <0.005 | 0.0 | <0.005 |
| Lead | mg/l as CaCO3 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Magnesium | mg/l | 4.000 | 12.000 | 12.000 | 13.000 | 13.000 | 13.000 | 13.000 | 14.000 | 13.000 |
| Manganese | mg/l | <0.005 | 0.019 | <0.005 | 0.027 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| Nitrate + Nitrite | mg/l | <0.01 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Organic Carbon, Dissolved | mg/l | NR | 3.200 | 2.700 | 2.700 | 2.600 | 2.600 | 2.700 | 2.700 | 2.900 |
| Organic Carbon, Total | mg/l as N | NR | 3.40 | 2.80 | 2.80 | 2.60 | 2.80 | 2.80 | 2.80 | 4.20 |
| Phosphate-Ortho | mg/l as P | <0.01 | 0.07 | 0.07 | 0.04 | 0.05 | 0.06 | NR | 0.06 | 0.07 |
| Phosphorus-Total | mg/l | 0 | 0.10 | 0.08 | 0.06 | 0.06 | 0.08 | 0.08 | 0.08 | 0.16 |
| Selenium | mg/l | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.001 | <0.001 | <0.001 |
| Sodium | mg/l | 3 | 19 | 50 | 56 | 57 | 59 | 60 | 59 | 60 |
| Specific Conductance | µS/cm | 86 | 250 | 449 | 471 | 487 | 492 | 483 | 490 | 506 |
| Sulfate | mg/l | 2 | 13 | 31 | 22 | 26 | 26 | 25 | 26 | 25 |
| Total Dissolved Solids | mg/l | 50 | 139 | 247 | 260 | 270 | 271 | 269 | 271 | 275 |
| Turbidity | NTU | 2 | 22 | 7 | 3 | 2 | 3 | 4 | 4 | 18 |
| Zinc | mg/l | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | 0.021 | <0.005 | <0.005 |

mg/l milligrams per liter
µg/l micrograms per liter
µS/cm microSiemens per centimeter
NR - Not Reported
NTU - nephelometric turbidity units

# Table 33. Water Quality At Selected Delta Stations

**October 2010**

| Date | Antioch Tides (feet above mean sea level) | | Flow In CFS | | | Electrical Conductivity in milliSiemens/cm | | | | | | | | | Cl in mg/l |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Net Delta Outflow Index | | Rio Vista | Antioch | Chipps Island | Emmaton | | Jersey Point | | Clifton Court | Cache Slough | Delta Mendota Canal | Contra Costa Canal Intake |
| | Highest High Tide | Actual High Half Tide | Mean Daily | Monthly Average | | | | | | | | | | | |
| | | | | | md | md | md | md | 14dm | md | 14dm | md | md | md | md |
| 1 | 5.93 | 4.41 | 4,266 | 4,266 | 7,572 | 3.02 | 9.93 | 0.54 | 0.43 | 1.19 | 1.21 | 0.47 | 0.46 | 0.38 | 163 |
| 2 | 5.93 | 4.19 | 4,693 | 4,479 | 7,851 | 2.68 | 8.64 | 0.44 | 0.42 | 1.09 | 1.18 | 0.46 | 0.44 | 0.37 | 156 |
| 3 | 5.93 | 4.20 | 4,509 | 4,489 | 7,707 | 2.79 | 9.13 | 0.58 | 0.44 | 1.14 | 1.16 | 0.47 | 0.39 | 0.37 | 180 |
| 4 | 5.79 | 4.09 | 4,267 | 4,434 | 7,072 | 2.83 | 8.79 | 0.65 | 0.45 | 1.17 | 1.15 | 0.46 | 0.44 | 0.37 | 186 |
| 5 | 5.66 | 3.95 | 3,899 | 4,327 | 7,085 | 2.67 | 8.27 | 0.53 | 0.46 | 1.11 | 1.14 | 0.47 | 0.47 | 0.37 | 192 |
| 6 | 5.76 | 3.96 | 3,827 | 4,243 | 7,022 | 2.89 | 8.73 | 0.64 | 0.49 | 1.13 | 1.13 | 0.48 | 0.47 | 0.38 | 201 |
| 7 | 5.88 | 3.93 | 3,933 | 4,199 | 6,809 | 2.87 | 9.03 | 0.66 | 0.51 | 1.13 | 1.13 | 0.47 | 0.48 | 0.38 | 205 |
| 8 | 6.02 | 3.87 | 3,910 | 4,163 | 6,525 | 2.92 | 9.00 | 0.77 | 0.55 | 1.13 | 1.13 | 0.47 | 0.47 | 0.43 | 208 |
| 9 | 6.02 | 3.84 | 3,416 | 4,080 | 6,260 | 2.98 | 9.23 | 0.81 | 0.59 | 1.09 | 1.13 | 0.47 | 0.47 | 0.47 | 206 |
| 10 | 6.10 | 3.92 | 2,695 | 3,941 | 5,845 | 3.18 | 9.48 | 0.89 | 0.63 | 1.13 | 1.14 | 0.48 | 0.43 | 0.46 | 203 |
| 11 | 6.12 | 4.00 | 2,179 | 3,692 | 5,415 | 3.43 | 9.93 | 0.96 | 0.67 | 1.23 | 1.15 | 0.49 | 0.42 | 0.46 | 204 |
| 12 | 5.86 | 3.95 | 4,462 | 3,756 | 5,232 | 3.48 | 9.59 | 1.00 | 0.71 | 1.26 | 1.16 | 0.50 | 0.44 | 0.44 | 159 |
| 13 | 5.63 | 3.95 | 2,554 | 3,664 | 6,421 | 3.71 | 10.01 | 0.95 | 0.73 | 1.29 | 1.17 | 0.49 | 0.42 | 0.43 | 204 |
| 14 | 5.34 | 3.88 | 2,610 | 3,589 | 7,733 | 3.68 | 9.87 | 0.84 | 0.73 | 1.27 | 1.17 | 0.49 | 0.43 | 0.42 | 150 |
| 15 | 5.34 | 3.96 | 4,093 | 3,622 | 6,414 | 3.93 | 10.56 | 0.96 | 0.76 | 1.32 | 1.18 | 0.49 | 0.43 | 0.40 | 201 |
| 16 | 5.22 | 3.96 | 3,301 | 3,602 | 4,657 | 4.14 | 11.62 | 0.96 | 0.80 | 1.32 | 1.19 | 0.48 | 0.41 | 0.43 | 199 |
| 17 | 5.16 | 3.77 | 3,005 | 3,567 | 4,350 | 3.94 | 11.32 | 0.84 | 0.82 | 1.29 | 1.20 | 0.47 | 0.39 | 0.42 | 193 |
| 18 | 5.17 | 3.66 | 4,748 | 3,633 | 4,881 | 3.61 | 10.51 | 0.73 | 0.82 | 1.22 | 1.21 | 0.47 | 0.42 | 0.44 | 148 |
| 19 | 5.31 | 3.74 | 4,767 | 3,692 | 4,951 | 3.85 | 10.72 | 0.80 | 0.84 | 1.27 | 1.22 | 0.47 | 0.42 | 0.46 | 184 |
| 20 | 5.50 | 3.90 | 4,519 | 3,734 | 4,807 | 4.24 | 11.32 | 0.98 | 0.87 | 1.36 | 1.24 | 0.48 | 0.45 | 0.47 | 118 |
| 21 | 5.57 | 3.79 | 4,653 | 3,824 | 4,736 | 4.34 | 11.53 | 1.01 | 0.89 | 1.37 | 1.25 | 0.48 | 0.56 | 0.46 | 187 |
| 22 | 5.66 | 3.80 | 4,369 | 3,849 | 4,738 | 4.30 | 11.21 | 1.04 | 0.91 | 1.39 | 1.27 | 0.47 | 0.63 | 0.44 | 193 |
| 23 | 5.88 | 3.92 | 4,408 | 3,873 | 4,460 | 4.74 | 11.64 | 1.37 | 0.95 | 1.46 | 1.30 | 0.48 | 0.61 | 0.44 | 206 |
| 24 | 6.56 | 4.39 | 5,612 | 3,946 | 4,659 | 5.97 | 13.61 | 2.40 | 1.06 | 1.82 | 1.35 | 0.49 | 0.57 | 0.44 | 196 |
| 25 | 6.04 | 4.14 | 8,900 | 4,144 | 5,948 | 5.23 | 12.28 | 1.37 | 1.09 | 1.49 | 1.37 | 0.48 | 0.51 | 0.43 | 185 |
| 26 | 5.85 | 3.96 | 11,682 | 4,434 | 7,656 | 4.42 | 10.47 | 1.00 | 1.09 | 1.27 | 1.37 | 0.46 | 0.47 | 0.41 | 179 |
| 27 | 5.75 | 3.82 | 13,440 | 4,767 | 9,451 | 3.77 | 9.54 | 0.97 | 1.09 | 1.20 | 1.36 | 0.45 | 0.45 | 0.40 | 169 |
| 28 | 5.78 | 3.93 | 14,560 | 5,117 | 10,883 | 3.50 | 9.08 | 0.76 | 1.09 | 1.19 | 1.35 | 0.43 | 0.47 | 0.38 | 164 |
| 29 | 5.49 | 3.96 | 13,364 | 5,401 | 9,321 | 3.44 | 8.82 | 0.78 | 1.07 | 1.16 | 1.34 | 0.42 | 0.49 | 0.37 | 160 |
| 30 | 5.36 | 3.96 | 5,603 | 5,408 | 7,006 | 3.52 | 9.91 | 0.79 | 1.06 | 1.15 | 1.33 | 0.41 | 0.55 | 0.35 | 178 |
| 31 | 4.99 | 3.60 | 5,518 | 5,412 | 6,513 | 3.16 | 9.16 | 0.65 | 1.05 | 1.01 | 1.31 | 0.41 | 0.61 | 0.36 | 170 |

Clifton Court Cl(mg/l)=200X EC - 25 e = Estimated
N.R. = No Record.
N.C. = Not computed due to insufficient data.

f = Excess Delta conditions with fish concerns.
r = Excess delta conditions with export/inflow ratio concerns.
s = Balanced water conditions with storage withdrawals.

dm = Daily Mean
md = Mean Daily

## Table 34. Pesticides, Herbicides, and Other Organic Substances Detected In the SWP

**October 2010**

| Sampling Location | Sample Date 1/ | Chemical Detected | Concentration µg/l 2/ |
|---|---|---|---|
| North Bay Aqueduct At Barker Slough Pumping Plant | June 16, 2010 | Diuron<br>Metolachlor | 0.32<br>0.40 |
| California Aqueduct At Banks Pumping Plant | September 15, 2010 | 2,4-D | 0.40 |
| O'Niell Forebay Outlet Check 13 | June 15, 2010 | Simazine | 0.02 |
| Delta Mendota Canal At McCabe Road | June 15, 2010 | Methoxychlor | 0.06 |
| California Aqueduct Near Kettleman City (Check 21) | June 15, 2010 | Metolachlor<br>Simazine | 0.10<br>0.02 |
| California Aqueduct At Near Highway 119 (Check 29) | June 21, 2010 | Simazine | 0.02 |
| California Aqueduct at Tehachapi Afterbay (Check 41) | June 16, 2010 | Metolachlor<br>Simazine | 0.10<br>0.02 |
| California Aqueduct At Devil Canyon Headworks | June 16, 2010 | Simazine | 0.02 |

1/ Locations are normally sampled during March, June, and September. Monthly reports will include data for the month in which samples were most recently taken.

2/ Micrograms per liter.

# Table 35. Oroville and Delta Field Divisions Energy Data

(in kWh) October 2010

| Date | Oroville Thermalito Complex | | Barker Slough Pumping Plant | Cordelia Pumping Plant Load | Banks Pumping Plant | | South Bay Pumping Plant Load | Del Valle Pumping Plant Load |
|---|---|---|---|---|---|---|---|---|
| | Generation | Load | | | Total Load | SWP Load | | |
| 1 | 4,700,014 | 6,182 | 45,279 | 51,395 | 3,316,656 | 2,637,656 | 371,434 | 489 |
| 2 | 4,982,285 | 10,593 | 38,948 | 42,930 | 3,279,376 | 2,600,376 | 359,717 | 538 |
| 3 | 3,995,310 | 10,439 | 41,292 | 46,038 | 3,422,056 | 2,743,056 | 325,618 | 529 |
| 4 | 3,834,171 | 10,736 | 38,295 | 47,217 | 3,380,624 | 2,701,624 | 345,247 | 672 |
| 5 | 2,865,126 | 10,912 | 32,450 | 40,199 | 3,385,816 | 2,706,816 | 395,531 | 2,896 |
| 6 | 2,807,200 | 11,484 | 35,898 | 45,644 | 3,263,416 | 2,584,416 | 449,288 | 5,023 |
| 7 | 2,396,009 | 17,149 | 32,787 | 37,707 | 3,344,560 | 2,665,560 | 432,996 | 5,017 |
| 8 | 4,334,935 | 10,648 | 37,170 | 47,647 | 3,100,840 | 2,421,840 | 425,932 | 4,992 |
| 9 | 3,353,471 | 10,912 | 32,338 | 43,404 | 3,337,936 | 2,665,936 | 419,984 | 4,998 |
| 10 | 3,733,092 | 10,978 | 27,783 | 33,136 | 3,330,496 | 2,784,496 | 431,670 | 5,030 |
| 11 | 4,279,902 | 10,780 | 29,518 | 29,204 | 3,334,488 | 3,334,488 | 330,448 | 3,017 |
| 12 | 4,081,583 | 10,637 | 32,133 | 28,930 | 2,802,192 | 2,802,192 | 16,697 | 515 |
| 13 | 5,242,402 | 7,942 | 34,549 | 31,534 | 2,045,472 | 2,045,472 | 19,193 | 522 |
| 14 | 5,798,485 | 6,963 | 33,573 | 31,123 | 2,666,320 | 2,666,320 | 142,668 | 536 |
| 15 | 7,716,038 | 0 | 33,246 | 30,513 | 2,182,496 | 2,182,496 | 216,318 | 567 |
| 16 | 5,568,475 | 6,193 | 33,998 | 33,904 | 2,487,464 | 2,487,464 | 260,598 | 540 |
| 17 | 2,109,371 | 14,696 | 29,529 | 28,520 | 2,736,168 | 2,736,168 | 264,025 | 649 |
| 18 | 3,287,515 | 13,750 | 28,397 | 28,527 | 2,690,000 | 2,690,000 | 291,628 | 738 |
| 19 | 3,656,554 | 10,758 | 26,200 | 27,354 | 2,789,600 | 2,789,600 | 249,065 | 652 |
| 20 | 4,292,277 | 7,150 | 24,380 | 27,315 | 2,724,680 | 2,724,680 | 235,872 | 691 |
| 21 | 3,426,874 | 16,137 | 35,927 | 42,650 | 2,518,696 | 2,518,696 | 324,995 | 3,294 |
| 22 | 3,105,674 | 16,115 | 26,695 | 35,945 | 2,443,048 | 2,443,048 | 357,617 | 7,775 |
| 23 | 3,437,071 | 18,381 | 24,362 | 28,804 | 1,561,352 | 1,561,352 | 385,136 | 9,800 |
| 24 | 2,303,191 | 18,986 | 19,411 | 25,662 | 1,636,800 | 1,636,800 | 341,642 | 9,703 |
| 25 | 3,046,175 | 17,237 | 33,899 | 35,839 | 2,201,680 | 2,201,680 | 339,745 | 9,686 |
| 26 | 2,971,870 | 17,204 | 34,227 | 33,693 | 2,486,792 | 2,486,792 | 366,781 | 13,391 |
| 27 | 2,992,165 | 16,654 | 30,378 | 38,738 | 2,774,344 | 2,774,344 | 355,231 | 15,658 |
| 28 | 3,262,391 | 17,303 | 29,315 | 36,781 | 3,332,440 | 3,332,440 | 336,191 | 16,278 |
| 29 | 3,388,891 | 17,853 | 25,453 | 31,140 | 3,307,904 | 3,307,904 | 370,405 | 16,301 |
| 30 | 2,335,597 | 17,380 | 25,640 | 34,505 | 3,325,136 | 3,325,136 | 279,004 | 6,894 |
| 31 | 3,656,928 | 17,094 | 23,403 | 27,995 | 3,330,688 | 3,330,688 | 272,037 | 6,200 |
| Total | 116,961,042 | 389,246 | 976,472 | 1,103,992 | 88,539,536 | 81,889,536 | 9,712,706 | 153,594 |

# Table 36. San Luis Field Division Energy Data

(in kWh) October 2010

| Date | Dos Amigos Pumping Plant | | Gianelli Pumping-Generating Plant | | | |
|---|---|---|---|---|---|---|
| | Total Load | SWP Load /1 | Total Generation | SWP Generation 1/ | Total Load | SWP Load 1/ |
| 1 | 1,772,388 | 1,456,386 | 0 | 0 | 1,120,900 | 42,900 |
| 2 | 1,644,640 | 1,328,647 | 0 | 0 | 636,350 | 48,350 |
| 3 | 1,710,223 | 1,386,221 | 0 | 0 | 18,656 | 18,656 |
| 4 | 1,180,694 | 864,696 | 0 | 0 | 1,090,958 | 1,090,958 |
| 5 | 1,173,139 | 857,140 | 0 | 0 | 1,619,981 | 737,981 |
| 6 | 1,349,968 | 1,033,970 | 0 | 0 | 19,294 | -4,706 |
| 7 | 1,077,511 | 761,515 | 0 | 0 | 1,265,990 | 1,241,990 |
| 8 | 1,158,392 | 842,390 | 0 | 0 | 1,492,997 | 610,997 |
| 9 | 1,366,907 | 1,051,907 | 0 | 0 | 2,835,569 | 1,929,569 |
| 10 | 1,304,186 | 1,040,188 | 0 | 0 | 3,226,773 | 1,315,773 |
| 11 | 1,130,954 | 874,951 | 0 | 0 | 1,365,925 | 483,925 |
| 12 | 1,193,746 | 937,747 | 0 | 0 | 1,529,946 | 206,946 |
| 13 | 1,200,139 | 944,137 | 0 | 0 | 641,212 | 53,212 |
| 14 | 1,082,695 | 826,694 | 0 | 0 | 743,468 | 743,468 |
| 15 | 1,212,997 | 956,993 | 0 | 0 | 1,217,931 | 613,931 |
| 16 | 1,312,583 | 1,056,581 | 0 | 0 | 1,033,329 | 445,329 |
| 17 | 1,248,102 | 984,102 | 0 | 0 | 1,022,219 | 140,219 |
| 18 | 1,400,533 | 1,144,529 | 0 | 0 | 1,026,047 | 438,047 |
| 19 | 1,343,882 | 1,087,879 | 0 | 0 | 641,025 | 29,025 |
| 20 | 1,298,511 | 1,042,511 | 0 | 0 | 917,433 | 43,433 |
| 21 | 1,260,284 | 1,004,282 | 0 | 0 | 918,137 | 60,137 |
| 22 | 1,285,157 | 1,029,156 | 0 | 0 | 634,260 | 46,260 |
| 23 | 1,413,898 | 1,157,897 | 0 | 0 | 636,383 | 24,383 |
| 24 | 1,191,910 | 927,913 | 0 | 0 | 636,042 | 48,042 |
| 25 | 1,318,507 | 1,062,505 | 0 | 0 | 636,152 | 48,152 |
| 26 | 1,290,719 | 1,034,717 | 0 | 0 | 1,117,281 | 1,101,281 |
| 27 | 1,395,425 | 1,139,426 | 0 | 0 | 1,965,876 | 789,876 |
| 28 | 1,409,427 | 1,153,425 | 0 | 0 | 2,467,025 | 1,291,025 |
| 29 | 1,407,559 | 1,151,559 | 0 | 0 | 1,793,968 | 593,968 |
| 30 | 1,340,415 | 1,084,415 | 0 | 0 | 2,196,095 | 1,020,095 |
| 31 | 1,243,512 | 979,512 | 0 | 0 | 3,159,079 | 415,079 |
| Total | 40,719,002 | 32,203,991 | 0 | 0 | 39,626,301 | 15,668,301 |

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

# Table 37. San Joaquin Field Division Plant Energy Load Data

(in kWh) October 2010

| Date | Coastal Branch | | | | | California Aquedect | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Las Perillas | Badger Hill | Devil's Den | Bluestone | Polonio | Buena Vista | Teerink | Chrisman | Edmonston |
| 1 | 22,450 | 57,221 | 75,100 | 70,100 | 75,135 | 1,766,833 | 1,773,086 | 3,904,802 | 14,410,548 |
| 2 | 24,581 | 59,025 | 71,369 | 65,576 | 70,139 | 1,642,059 | 1,746,974 | 3,876,884 | 14,235,966 |
| 3 | 24,027 | 58,599 | 65,129 | 61,611 | 65,256 | 1,572,799 | 1,626,172 | 3,638,283 | 13,409,010 |
| 4 | 21,268 | 51,761 | 59,547 | 54,041 | 58,860 | 910,692 | 947,439 | 2,048,739 | 7,615,944 |
| 5 | 17,926 | 41,059 | 44,541 | 41,875 | 44,759 | 737,302 | 799,736 | 1,763,652 | 6,322,104 |
| 6 | 19,437 | 47,920 | 41,338 | 38,265 | 42,014 | 850,511 | 750,341 | 1,619,816 | 6,137,316 |
| 7 | 17,818 | 43,758 | 35,125 | 32,441 | 35,204 | 784,701 | 727,245 | 1,588,917 | 5,859,891 |
| 8 | 21,620 | 54,596 | 59,933 | 56,896 | 58,959 | 835,301 | 800,599 | 1,790,668 | 6,394,383 |
| 9 | 23,522 | 60,393 | 49,067 | 45,341 | 48,739 | 1,466,678 | 1,557,349 | 3,507,592 | 13,115,547 |
| 10 | 27,850 | 69,646 | 54,299 | 49,738 | 54,126 | 1,446,025 | 1,511,546 | 3,389,452 | 12,590,154 |
| 11 | 19,993 | 49,785 | 52,369 | 49,312 | 52,115 | 1,151,365 | 1,191,262 | 2,643,465 | 9,766,467 |
| 12 | 19,611 | 50,756 | 56,083 | 52,640 | 57,044 | 1,130,062 | 1,203,923 | 2,700,940 | 10,059,795 |
| 13 | 25,364 | 64,351 | 61,495 | 56,414 | 61,451 | 1,156,846 | 1,186,407 | 2,647,601 | 9,759,231 |
| 14 | 22,137 | 55,848 | 63,817 | 60,407 | 63,998 | 960,988 | 971,131 | 2,146,265 | 7,881,732 |
| 15 | 16,283 | 41,281 | 63,775 | 58,414 | 64,695 | 1,086,206 | 1,091,317 | 2,434,751 | 8,982,360 |
| 16 | 22,599 | 52,370 | 63,811 | 59,249 | 63,744 | 1,319,404 | 1,378,840 | 3,092,111 | 11,564,289 |
| 17 | 17,819 | 44,495 | 58,322 | 55,852 | 57,422 | 1,380,287 | 1,422,954 | 3,194,026 | 11,899,089 |
| 18 | 14,370 | 35,886 | 70,114 | 65,795 | 69,426 | 1,502,100 | 1,590,529 | 3,533,354 | 13,110,552 |
| 19 | 12,907 | 32,370 | 57,600 | 54,681 | 57,997 | 1,509,050 | 1,639,008 | 3,652,242 | 13,477,266 |
| 20 | 17,012 | 41,995 | 52,457 | 48,413 | 53,083 | 1,460,088 | 1,569,091 | 3,441,284 | 12,668,670 |
| 21 | 12,293 | 31,532 | 40,927 | 38,759 | 41,669 | 1,369,368 | 1,468,004 | 3,251,985 | 12,010,653 |
| 22 | 8,676 | 23,052 | 35,306 | 33,064 | 34,468 | 1,357,463 | 1,471,871 | 3,278,759 | 12,368,430 |
| 23 | 17,639 | 43,906 | 36,503 | 32,948 | 36,613 | 1,499,483 | 1,613,860 | 3,631,287 | 13,468,545 |
| 24 | 15,941 | 39,675 | 33,282 | 31,422 | 34,682 | 1,472,778 | 1,623,283 | 3,624,841 | 13,436,604 |
| 25 | 15,213 | 39,262 | 39,108 | 36,852 | 39,684 | 1,470,071 | 1,588,531 | 3,557,224 | 13,188,744 |
| 26 | 24,104 | 54,501 | 27,906 | 27,360 | 29,115 | 1,339,889 | 1,470,089 | 3,316,434 | 12,249,657 |
| 27 | 27,971 | 59,582 | 15,346 | 13,613 | 14,986 | 1,450,499 | 1,602,225 | 3,599,453 | 13,354,308 |
| 28 | 16,385 | 35,629 | 35,222 | 34,086 | 36,613 | 1,480,990 | 1,600,807 | 3,594,789 | 13,114,575 |
| 29 | 3,942 | 10,539 | 33,025 | 29,846 | 34,026 | 1,460,903 | 1,578,985 | 3,571,304 | 13,338,783 |
| 30 | 1,209 | 3,631 | 15,160 | 19,147 | 24,370 | 1,452,748 | 1,555,720 | 3,484,371 | 13,011,381 |
| 31 | 1,194 | 1,513 | 9,335 | 9,422 | 9,583 | 1,346,812 | 1,447,693 | 3,278,880 | 12,351,582 |
| Total | 553,162 | 1,355,935 | 1,476,413 | 1,383,579 | 1,489,975 | 40,370,297 | 42,506,015 | 94,804,171 | 351,153,576 |

# Table 38. Southern Field Division Energy Data

(in kWh) October 2010

| Date | West Branch | | | East Branch | | | | East Branch Extension | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Oso Pumping Plant Load | Warne Powerplant Generation | Castaic Powerplant SWP Gen /1 | Alamo Powerplant Generation | Pearblossom Pumping Plant Load | Devil Canyon Powerplant Generation | Mojave Siphon Powerplant Generation | Green spot Pumping Plant | Crafton Hills Pumping Plant | Cherry Valley Pumping Plant |
| 1 | 541,265 | 1,145,645 | 1,752,000 | 317,648 | 2,600,460 | 4,736,808 | 204,922 | 47,556 | 65,806 | 5,035 |
| 2 | 955,193 | 1,477,329 | 1,752,000 | 317,720 | 2,052,821 | 4,086,454 | 155,662 | 46,060 | 64,413 | 4,688 |
| 3 | 662,865 | 1,480,129 | 1,752,000 | 332,654 | 2,054,724 | 3,190,655 | 155,017 | 46,088 | 64,379 | 4,680 |
| 4 | 650,290 | 1,481,701 | 2,160,000 | 71,440 | 395,951 | 3,226,129 | 31,898 | 46,378 | 64,228 | 4,581 |
| 5 | 649,072 | 1,480,785 | 2,160,000 | 27,965 | 0 | 2,800,879 | 0 | 46,556 | 64,152 | 4,259 |
| 6 | 639,660 | 1,482,667 | 2,160,000 | 27,522 | 0 | 2,584,253 | 0 | 46,527 | 64,108 | 3,948 |
| 7 | 626,035 | 1,484,109 | 2,160,000 | 27,355 | 0 | 2,465,561 | 0 | 48,907 | 66,269 | 4,205 |
| 8 | 622,570 | 1,481,055 | 2,160,000 | 69,432 | 210,449 | 2,312,136 | 6,838 | 50,347 | 66,980 | 4,263 |
| 9 | 684,338 | 1,479,800 | 2,880,000 | 330,117 | 2,055,973 | 2,482,038 | 229,523 | 50,797 | 67,159 | 4,251 |
| 10 | 546,664 | 1,081,393 | 2,880,000 | 329,946 | 2,056,649 | 2,521,714 | 258,276 | 50,972 | 67,273 | 4,409 |
| 11 | 316,371 | 627,626 | 1,032,000 | 329,726 | 2,054,672 | 2,557,530 | 248,730 | 42,585 | 56,074 | 4,365 |
| 12 | 313,576 | 709,722 | 1,032,000 | 329,689 | 2,056,627 | 2,606,418 | 256,238 | 39,852 | 53,107 | 4,485 |
| 13 | 291,444 | 624,189 | 1,032,000 | 327,891 | 2,056,530 | 2,590,693 | 255,803 | 41,771 | 55,355 | 4,582 |
| 14 | 0 | 628,241 | 1,032,000 | 314,786 | 2,053,146 | 3,021,109 | 245,471 | 51,586 | 67,114 | 4,704 |
| 15 | 111,943 | 624,291 | 1,032,000 | 318,031 | 2,052,664 | 3,039,037 | 246,506 | 51,429 | 66,875 | 4,473 |
| 16 | 488,384 | 624,875 | 1,032,000 | 327,855 | 2,030,755 | 3,050,248 | 243,260 | 51,520 | 66,873 | 4,444 |
| 17 | 475,963 | 631,919 | 1,032,000 | 328,890 | 2,054,202 | 3,090,992 | 246,002 | 50,645 | 66,800 | 4,452 |
| 18 | 642,993 | 1,565,228 | 2,520,000 | 313,117 | 2,054,998 | 3,083,656 | 254,396 | 50,567 | 66,735 | 3,838 |
| 19 | 697,794 | 1,566,038 | 2,520,000 | 328,062 | 2,052,239 | 3,159,202 | 230,216 | 50,105 | 66,743 | 3,539 |
| 20 | 677,500 | 1,565,120 | 2,520,000 | 300,115 | 2,054,642 | 2,893,381 | 228,632 | 49,836 | 66,713 | 3,801 |
| 21 | 679,755 | 1,564,070 | 2,520,000 | 340,281 | 2,040,219 | 3,161,207 | 248,954 | 50,225 | 66,684 | 3,855 |
| 22 | 676,981 | 1,540,415 | 2,520,000 | 301,302 | 1,506,333 | 2,783,765 | 180,876 | 50,209 | 66,678 | 3,797 |
| 23 | 682,796 | 1,586,968 | 2,520,000 | 322,623 | 2,053,195 | 3,714,203 | 227,685 | 50,259 | 66,672 | 3,813 |
| 24 | 683,151 | 1,587,117 | 2,520,000 | 307,296 | 2,051,488 | 3,424,950 | 248,429 | 49,908 | 66,612 | 3,823 |
| 25 | 682,483 | 1,586,264 | 2,520,000 | 317,059 | 1,850,108 | 3,381,836 | 69,912 | 50,525 | 66,869 | 3,723 |
| 26 | 772,695 | 1,575,177 | 2,520,000 | 299,714 | 1,654,374 | 2,827,008 | 0 | 47,997 | 64,582 | 3,690 |
| 27 | 682,685 | 1,516,220 | 2,520,000 | 324,690 | 2,055,160 | 3,448,415 | 0 | 49,331 | 65,755 | 3,674 |
| 28 | 739,633 | 1,497,425 | 2,520,000 | 312,388 | 2,053,742 | 3,398,022 | 0 | 49,495 | 66,123 | 3,748 |
| 29 | 747,592 | 1,494,569 | 2,520,000 | 336,054 | 2,051,467 | 3,258,331 | 0 | 47,491 | 64,070 | 3,731 |
| 30 | 682,091 | 1,493,829 | 2,520,000 | 334,195 | 2,050,772 | 3,266,770 | 0 | 47,273 | 63,994 | 3,694 |
| 31 | 610,161 | 1,495,176 | 2,520,000 | 314,157 | 2,025,210 | 3,285,014 | 0 | 47,266 | 64,006 | 3,893 |
| Total | 18,233,943 | 40,179,092 | 64,320,000 | 8,579,720 | 53,339,568 | 95,448,413 | 4,473,244 | 1,500,063 | 2,009,201 | 128,441 |

1/ Energy delivered to SWP by LADWP at Sylmar substation; not necessarily related to actual Castaic operations.