



United States Department of the Interior

BUREAU OF RECLAMATION
Central Valley Operations Office
3310 El Camino Avenue, Suite 300
Sacramento, California 95821

IN REPLY
REFER TO:

CVO-400
WTR-4.10

MAY 18 2015

VIA ELECTRONIC MAIL

Ms. Barbara Evoy
Deputy Director, Division of Water Rights
State Water Resources Control Board
P.O. Box 2000
Sacramento, California 95812

Subject: Monitoring and Reporting Program on Water Rights Order No. 90-5 (Water Rights)

Dear Ms. Evoy:

For the month of April, the temperature control point was set at Clear Creek, per the recommendation of the Sacramento River Temperature Task Group.

During April 2015, the average daily water temperature compliance of 56.0° F or less was met at the Clear Creek compliance point on the Sacramento.

During the month of April 2015, the average monthly water temperature was 53.3° F at Clear Creek.

Enclosed is the monitoring report for April 2015, under Order No. 90-5. The report contains the following data:

| Station | Description |
|--------------------------|--|
| Shasta Inlets (R-1) “ | Water Temperature Profile Turbidity, monthly, ntu |
| Shasta Dam (R-2) “ | Water Temperature, daily average, degrees F Turbidity, ntu, monthly |
| Shasta Dam (R-2a) | Flow, average daily, cfs |
| Keswick (R-3) “ | Water Temperature, daily average, degrees F Turbidity, ntu, monthly |
| Keswick (R-3a) | Flow, average daily, cfs |

| Station | Description |
|--|---|
| Spring Creek Power plant (R-4) “ | Water Temperature, daily average, degrees F Turbidity, ntu, monthly Flow, average daily cfs |
| Jellys Ferry (R-5) (Control Point) | Water Temperature, daily average, degrees F Turbidity, ntu, monthly |
| Sacramento at Delta (R-6) | Water Temperature, monthly, degrees F Turbidity, ntu, monthly |
| McCloud (R-7) “ | Water Temperature, monthly, degrees F Turbidity, ntu, monthly |
| Pit River (R-8) “ | Water Temperature, monthly, degrees F Turbidity, ntu, monthly |
| Lewiston (R-9) | Water Temperature, daily average, degrees F |
| Lewiston (R-9a) | Flow, average daily, cfs |

Please contact Ms. Thuy Washburn at 916-979-2193, should you have any questions regarding this data.

Sincerely,



Elizabeth Kiteck
Chief Water Operations

Enclosures

cc: Mr. Kenneth Emanuel
Division of Water Rights
State Water Resources Control Board
P.O. Box 2000
Sacramento, CA 95812
(w/encl)

Central Valley Operations Office
 *Data obtained from the California Data Exchange Center
 **Data calculated by the Central Valley Operations Office
 ***Measurements taken by the Northern CA Area Office Personnel

**Water Temperature Data in Degrees F
 April 2015**

| Req. Sampling Frequency - Daily Average (Reading indicates daily average) | | | | | | Control Pt 4/1 to 4/30 | | | Req. Sampling Frequency - Monthly | | |
|--|---------------|---------------|----------------|----------------|--------------|---------------------------|--|-----------------|-----------------------------------|-----------------|--|
| Date | Sta 2 Shd* | Sta 3 Kwk* | Sta 4 Spp** | Sta 5 Ccr** | Sta9 Lws* | | | Sta 6 Dlt*** | Sta 7 Mss*** | Sta 8 Pmn*** | |
| 1 | 49.7 | 51.7 | 51.8 | 53.0 | 52.0 | | | | | | |
| 2 | No data | 51.4 | 51.7 | 52.9 | 52.3 | | | | | | |
| 3 | No data | 50.9 | 51.8 | 52.6 | 52.5 | | | | | | |
| 4 | 49.3 | 51.0 | 51.9 | 52.5 | 52.9 | | | | | | |
| 5 | 49.2 | 50.8 | 51.9 | 51.5 | 52.2 | | | | | | |
| 6 | 49.3 | 50.7 | 51.9 | 51.4 | 51.2 | | | | | | |
| 7 | 49.4 | 50.3 | 51.7 | 50.5 | 51.4 | | | | | | |
| 8 | 49.5 | 49.9 | 51.6 | 51.3 | 51.6 | | | | | | |
| 9 | 49.7 | 50.1 | 51.7 | 51.6 | 51.4 | | | | | | |
| 10 | 49.6 | 50.5 | 51.8 | 52.1 | 51.4 | | | | | | |
| 11 | 49.6 | 51.2 | 51.9 | 52.7 | 51.7 | | | | | | |
| 12 | 50.5 | 51.6 | 51.9 | 53.3 | 51.8 | | | | | | |
| 13 | 49.0 | 51.5 | 51.8 | 53.7 | 52.0 | | | | | | |
| 14 | 49.5 | 51.8 | 52.1 | 53.0 | 51.7 | | | | | | |
| 15 | 49.2 | 51.8 | 52.4 | 53.3 | 52.1 | | | | | | |
| 16 | 50.2 | 51.5 | 52.9 | 53.6 | 52.7 | | | 52.6 | | | |
| 17 | 49.8 | 51.5 | 52.6 | 53.5 | 52.9 | | | | | | |
| 18 | 50.9 | 52.4 | 52.5 | 54.2 | 53.2 | | | | | | |
| 19 | 50.5 | 52.5 | 52.5 | 54.7 | 53.2 | | | | | | |
| 20 | 50.4 | 52.4 | 52.5 | 54.7 | 53.2 | | | | | | |
| 21 | 50.4 | 52.5 | 52.6 | 54.9 | 53.1 | | | | | | |
| 22 | 51.0 | 53.0 | 52.6 | 54.8 | 53.0 | | | | | | |
| 23 | 51.0 | 52.8 | 52.6 | 54.6 | 52.8 | | | | | | |
| 24 | 50.4 | 52.5 | 52.6 | 53.6 | 51.9 | | | | | | |
| 25 | 50.5 | 52.1 | 52.7 | 53.7 | 52.4 | | | | | | |
| 26 | 51.1 | 52.0 | 52.7 | 53.4 | 52.2 | | | | | | |
| 27 | 51.5 | 52.5 | 52.8 | 54.1 | 52.1 | | | | | | |
| 28 | 51.1 | 52.8 | 52.9 | 54.3 | 51.2 | | | | | | |
| 29 | 51.3 | 52.9 | 53.0 | 54.6 | 50.9 | | | | | | |
| 30 | 52.0 | 53.0 | 53.1 | 54.3 | 50.8 | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

**Control Point: 56.0 degrees at Clear Creek from 04/01/2015 to 4/17/2015.
 58.0 degrees at Clear Creek from 04/18/2015 to 04/30/2015.**

Cross Channel Gate Operation:
 April 1-30 closed

**Measurements taken by the Northern CA Area Office Personnel
April 2015**

| TEMPERATURE | | | | | |
|--|----------------------------|--------------------|-------------|-------------|-------------|
| Sampling Frequency | | | | | |
| Every two weeks May 1 through November 30. | | | | | |
| | Sample 1 | Sample 2 | Sample 3 | Sample 4 | |
| | 4/8/2015 | 4/28/2015 | | | |
| Lake Elev | Temperature | Temperature | Temperature | Temperature | Temperature |
| MSL | Degrees F | Degrees F | Degrees F | Degrees F | Degrees F |
| | (400 Feet Upstream of Dam) | | | | |
| | Time: 11:00 | Time: 11:30 | | | |
| 625 | 46.1 | 46.9 | | | |
| 650 | 46.2 | 47.0 | | | |
| 675 | 46.2 | 47.0 | | | |
| 700 | 46.3 | 47.2 | | | |
| 725 | 46.4 | 47.3 | | | |
| 750 | 46.5 | 47.6 | | | |
| 775 | 47.0 | 48.0 | | | |
| 800 | 47.6 | 48.4 | | | |
| 825 | 47.8 | 48.6 | | | |
| 850 | 48.1 | 48.9 | | | |
| 875 | 48.3 | 49.4 | | | |
| 900 | 49.2 | 50.1 | | | |
| 925 | 49.9 | 51.6 | | | |
| 950 | 53.4 | 55.0 | | | |
| 975 | 54.4 | 63.7 | | | |
| 1000 | | | | | |
| 1025 | | | | | |
| 1050 | | | | | |
| Lake Surface | 994.24' 55.1 | 993.18' 65.5 | | | |

| TURBIDITY | | | | | |
|---|----------------------------|--------------------|-----------|-----------|-----------|
| Sampling Frequency | | | | | |
| Monthly, except weekly May 1 through Sep 30, when turbidity at Station 2 is equal to or greater than 10 NTU | | | | | |
| | Sample 1 | Sample 2 | Sample 3 | Sample 4 | |
| | 4/8/2015 | 4/28/2015 | | | |
| Lake Elev | Turbidity | Turbidity | Turbidity | Turbidity | Turbidity |
| MSL | ntu | ntu | ntu | ntu | ntu |
| | (400 Feet Upstream of Dam) | | | | |
| | Time: 11:00 | Time: 11:30 | | | |
| 625 | 2.8 | 3.9 | | | |
| 650 | 2.8 | 3.7 | | | |
| 675 | 2.7 | 3.8 | | | |
| 700 | 2.5 | 3.5 | | | |
| 725 | 2.4 | 3.4 | | | |
| 750 | 2.5 | 3.4 | | | |
| 775 | 2.5 | 3.5 | | | |
| 800 | 2.9 | 3.5 | | | |
| 825 | 2.8 | 3.7 | | | |
| 850 | 3.2 | 3.8 | | | |
| 875 | 4.0 | 3.7 | | | |
| 900 | 4.1 | 2.8 | | | |
| 925 | 3.1 | 2.1 | | | |
| 950 | 2.1 | 2.3 | | | |
| 975 | 2.2 | 1.5 | | | |
| 1000 | | | | | |
| 1025 | | | | | |
| 1050 | | | | | |
| Lake Surface | 994.24' 2.0 | 993.18' 1.2 | | | |

Central Valley Operations Office
 Measurements taken by the Northern CA Area Office Personnel

**Summary of Turbidity and Dissolved Oxygen Water Sampling
 April 2015**

Turbidity Measurements, NTU

Sampling Frequency

Monthly, except weekly from May 1 through September 30, when turbidity at Station 2 is equal to or greater than 10 NTU.

| Station | | | | | | | | |
|---------|------------|-----------|---|---------------|-------------|---------|-------|--|
| | R-2 | R-3a | R-4 | R-5 | R-6 | R-7 | R-8 | |
| | Shasta Dam | | Spring | Clear Creek | | | | |
| | Discharge | Keswick | Creek PP | Control Point | Sacramento | McCloud | Pit | |
| Day | at Bridge | Discharge | Discharge | 4/1 to 4/30 | River (DLT) | River | River | |
| 1 | 4.5 | | | | | | | |
| 7 | | | 1.1 | 4.7 | | | | |
| 16 | | | | | 0.6 | | | |
| 28 | | 3.0 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | Per Northern California Area Office staff | | | | | |
| | | | Site visits not accomplished at | | | | | |
| | | | McCloud and Pit | | | | | |
| | | | in April 2015 | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Dissolved Oxygen, mg/l

Sampling Frequency

Every two weeks from May 1 through September 30; samples to be taken before 1000 hours.

| Station | | | | |
|---------|--------------------------------------|-----------|-------------|-------------|
| | R-2 | R-3 | R-5 | |
| | Shasta Dam | | | Hour |
| | Discharge | Keswick | | Time Sample |
| Day | at Bridge | Discharge | Clear Creek | Taken |
| | | | | |
| | No Requirement October through April | | | |
| | | | | |

Temperature Control Point:

56.0 degrees at Clear Creek from 04/01/2015 to 4/17/2015.

58.0 degrees at Clear Creek from 04/18/2015 to 04/30/2015.

UNITED STATES DEPARTMENT OF THE INTERIOR
 U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA
SHASTA LAKE, DAM AND POWERPLANT

RUN DATE: May 7, 2015

QG

GENERATION RELEASE, CFS

WATER YEAR OCTOBER 2014 TO SEPTEMBER 2015

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|--------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|-----|-----|-----|-----|-----|
| 1 | 1,560 | 2,718 | 3,566 | 2,892 | 1,946 | 1,961 | 3,189 | | | | | |
| 2 | 1,679 | 2,423 | 3,348 | 2,079 | 2,006 | 2,637 | 3,141 | | | | | |
| 3 | 1,082 | 4,236 | 2,346 | 3,469 | 4,376 | 3,292 | 2,783 | | | | | |
| 4 | 1,059 | 4,576 | 3,089 | 2,624 | 2,040 | 3,153 | 2,857 | | | | | |
| 5 | 1,426 | 4,669 | 3,132 | 2,979 | 3,571 | 3,371 | 2,888 | | | | | |
| 6 | 1,647 | 4,864 | 2,135 | 2,181 | 1,649 | 2,804 | 2,830 | | | | | |
| 7 | 1,511 | 4,950 | 1,989 | 2,654 | 357 | 2,947 | 2,978 | | | | | |
| 8 | 2,679 | 4,736 | 2,685 | 2,828 | 523 | 1,936 | 3,424 | | | | | |
| 9 | 3,874 | 4,876 | 2,767 | 3,081 | 2,433 | 3,270 | 2,203 | | | | | |
| 10 | 4,003 | 4,855 | 763 | 3,047 | 376 | 2,581 | 2,811 | | | | | |
| 11 | 3,435 | 4,221 | 296 | 3,068 | 1,779 | 3,489 | 2,586 | | | | | |
| 12 | 3,015 | 4,796 | 710 | 3,064 | 1,109 | 3,321 | 2,199 | | | | | |
| 13 | 3,726 | 4,469 | 1,719 | 4,159 | 1,187 | 3,126 | 3,105 | | | | | |
| 14 | 3,496 | 4,828 | 765 | 3,504 | 1,026 | 3,253 | 2,776 | | | | | |
| 15 | 4,156 | 4,621 | 1,510 | 2,374 | 1,213 | 3,332 | 3,051 | | | | | |
| 16 | 3,146 | 4,289 | 1,887 | 2,705 | 1,956 | 1,985 | 2,714 | | | | | |
| 17 | 3,618 | 4,151 | 2,167 | 2,413 | 1,504 | 3,281 | 3,353 | | | | | |
| 18 | 3,358 | 4,209 | 712 | 2,676 | 974 | 3,103 | 3,148 | | | | | |
| 19 | 3,309 | 3,526 | 214 | 4,264 | 1,802 | 2,936 | 2,734 | | | | | |
| 20 | 2,894 | 3,499 | 1,252 | 3,002 | 2,015 | 3,266 | 3,120 | | | | | |
| 21 | 2,876 | 4,345 | 1,780 | 2,849 | 1,783 | 2,986 | 3,370 | | | | | |
| 22 | 3,540 | 3,900 | 2,119 | 1,750 | 2,152 | 2,582 | 3,476 | | | | | |
| 23 | 4,896 | 4,292 | 1,739 | 3,308 | 2,181 | 3,094 | 3,685 | | | | | |
| 24 | 2,343 | 3,838 | 531 | 3,517 | 2,214 | 3,216 | 4,420 | | | | | |
| 25 | 2,453 | 3,537 | 833 | 1,984 | 2,659 | 2,866 | 4,383 | | | | | |
| 26 | 4,158 | 3,784 | 1,638 | 2,219 | 2,774 | 3,285 | 5,734 | | | | | |
| 27 | 4,106 | 3,682 | 1,345 | 4,244 | 2,869 | 2,877 | 4,926 | | | | | |
| 28 | 4,414 | 3,803 | 1,384 | 2,099 | 2,851 | 3,161 | 5,032 | | | | | |
| 29 | 2,666 | 3,601 | 2,135 | 3,614 | | 2,013 | 5,333 | | | | | |
| 30 | 2,337 | 3,771 | 2,568 | 3,519 | | 3,244 | 4,828 | | | | | |
| 31 | 4,519 | | 2,705 | 3,610 | | 2,729 | | | | | | |
| TOTAL | 92,981 | 124,065 | 55,829 | 91,776 | 53,325 | 91,097 | 103,077 | | | | | |
| MEAN | 2,999 | 4,136 | 1,801 | 2,961 | 1,904 | 2,939 | 3,436 | | | | | |
| MAX | 4,896 | 4,950 | 3,566 | 4,264 | 4,376 | 3,489 | 5,734 | | | | | |
| MIN | 1,059 | 2,423 | 214 | 1,750 | 357 | 1,936 | 2,199 | | | | | |

WATER YEAR TOTALS

| | |
|-------------------|-------------------|
| TOTAL | 612,150 |
| DAILY MEAN | 2,888 |
| DAILY MAX | 5,734 |
| DAILY MIN | 214 |
| | 04/26/2015 |
| | 12/19/2014 |

UNITED STATES DEPARTMENT OF THE INTERIOR
 U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA
KESWICK DAM, RESERVOIR, AND POWERPLANT

RUN DATE: May 7, 2015

QT

TOTAL RELEASE, CFS

WATER YEAR OCTOBER 2014 TO SEPTEMBER 2015

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|--------------|----------------|----------------|----------------|---------------|---------------|---------------|----------------|-----|-----|-----|-----|-----|
| 1 | 4,500 | 4,519 | 3,849 | 2,991 | 3,090 | 3,063 | 3,055 | | | | | |
| 2 | 4,647 | 4,520 | 3,450 | 2,966 | 3,090 | 3,064 | 3,253 | | | | | |
| 3 | 4,409 | 4,549 | 3,375 | 2,963 | 3,088 | 3,093 | 3,138 | | | | | |
| 4 | 4,403 | 4,606 | 3,308 | 2,985 | 3,088 | 3,059 | 3,044 | | | | | |
| 5 | 4,395 | 4,495 | 3,326 | 2,967 | 3,090 | 3,061 | 2,962 | | | | | |
| 6 | 4,504 | 4,454 | 3,310 | 2,967 | 3,104 | 3,063 | 2,878 | | | | | |
| 7 | 4,462 | 4,406 | 3,306 | 2,940 | 4,733 | 3,062 | 2,745 | | | | | |
| 8 | 4,542 | 4,400 | 3,196 | 2,940 | 4,479 | 3,062 | 2,719 | | | | | |
| 9 | 4,490 | 4,394 | 3,190 | 3,003 | 3,634 | 3,063 | 2,964 | | | | | |
| 10 | 4,512 | 4,373 | 3,066 | 3,179 | 3,121 | 3,052 | 2,968 | | | | | |
| 11 | 4,545 | 4,267 | 4,723 | 3,168 | 3,041 | 3,093 | 2,969 | | | | | |
| 12 | 4,535 | 4,162 | 4,178 | 3,180 | 3,039 | 3,121 | 2,971 | | | | | |
| 13 | 4,536 | 4,144 | 3,909 | 3,179 | 3,043 | 3,119 | 2,968 | | | | | |
| 14 | 4,544 | 4,127 | 3,862 | 3,172 | 3,038 | 3,120 | 2,967 | | | | | |
| 15 | 4,521 | 4,177 | 3,854 | 3,066 | 3,041 | 3,118 | 2,967 | | | | | |
| 16 | 4,545 | 4,110 | 3,054 | 2,911 | 3,038 | 3,105 | 3,332 | | | | | |
| 17 | 4,533 | 4,015 | 3,062 | 2,910 | 3,039 | 3,099 | 3,716 | | | | | |
| 18 | 4,538 | 3,992 | 3,281 | 2,914 | 3,041 | 3,105 | 3,690 | | | | | |
| 19 | 4,533 | 3,924 | 3,558 | 2,911 | 3,039 | 3,101 | 3,689 | | | | | |
| 20 | 4,535 | 3,928 | 3,467 | 2,912 | 3,040 | 3,013 | 3,689 | | | | | |
| 21 | 4,528 | 3,958 | 3,305 | 2,868 | 3,038 | 3,017 | 4,187 | | | | | |
| 22 | 4,528 | 3,989 | 3,072 | 2,866 | 2,996 | 3,016 | 4,689 | | | | | |
| 23 | 4,540 | 3,933 | 3,125 | 2,865 | 2,975 | 3,016 | 5,320 | | | | | |
| 24 | 4,527 | 3,959 | 3,067 | 2,815 | 2,988 | 2,930 | 5,868 | | | | | |
| 25 | 4,504 | 3,976 | 3,024 | 2,815 | 3,036 | 2,750 | 6,263 | | | | | |
| 26 | 4,420 | 3,987 | 3,040 | 2,815 | 3,105 | 2,738 | 6,676 | | | | | |
| 27 | 4,449 | 3,981 | 3,038 | 2,812 | 3,064 | 2,733 | 6,683 | | | | | |
| 28 | 4,450 | 3,982 | 3,042 | 2,816 | 3,063 | 2,732 | 6,740 | | | | | |
| 29 | 4,443 | 3,985 | 3,040 | 2,828 | | 2,734 | 6,693 | | | | | |
| 30 | 4,449 | 3,982 | 3,016 | 2,981 | | 2,732 | 6,680 | | | | | |
| 31 | 4,503 | | 2,991 | 3,090 | | 2,732 | | | | | | |
| TOTAL | 139,570 | 125,294 | 104,084 | 91,795 | 89,181 | 92,766 | 122,483 | | | | | |
| MEAN | 4,502 | 4,176 | 3,358 | 2,961 | 3,185 | 2,992 | 4,083 | | | | | |
| MAX | 4,647 | 4,606 | 4,723 | 3,180 | 4,733 | 3,121 | 6,740 | | | | | |
| MIN | 4,395 | 3,924 | 2,991 | 2,812 | 2,975 | 2,732 | 2,719 | | | | | |

WATER YEAR TOTALS

| | |
|-------------------|------------|
| TOTAL | 765,173 |
| DAILY MEAN | 3,609 |
| DAILY MAX | 6,740 |
| DAILY MIN | 2,719 |
| | 04/28/2015 |
| | 04/08/2015 |

UNITED STATES DEPARTMENT OF THE INTERIOR
 U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA
LEWISTON DAM, LAKE, AND JUDGE FRANCIS CARR POWERPLANT

RUN DATE: May 7, 2015

QR

RELEASE TO RIVER, CFS

WATER YEAR OCTOBER 2014 TO SEPTEMBER 2015

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|--------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------|-----|-----|-----|-----|-----|
| 1 | 490 | 315 | 312 | 299 | 311 | 310 | 311 | | | | | |
| 2 | 494 | 301 | 312 | 302 | 301 | 310 | 311 | | | | | |
| 3 | 512 | 317 | 312 | 300 | 311 | 311 | 312 | | | | | |
| 4 | 517 | 312 | 309 | 301 | 313 | 312 | 311 | | | | | |
| 5 | 517 | 301 | 310 | 303 | 314 | 313 | 309 | | | | | |
| 6 | 498 | 304 | 310 | 302 | 315 | 313 | 310 | | | | | |
| 7 | 487 | 305 | 310 | 299 | 316 | 314 | 308 | | | | | |
| 8 | 488 | 305 | 310 | 302 | 310 | 315 | 309 | | | | | |
| 9 | 488 | 303 | 311 | 300 | 309 | 311 | 310 | | | | | |
| 10 | 486 | 303 | 311 | 302 | 308 | 306 | 308 | | | | | |
| 11 | 474 | 303 | 310 | 302 | 307 | 297 | 309 | | | | | |
| 12 | 454 | 303 | 312 | 301 | 309 | 296 | 309 | | | | | |
| 13 | 450 | 304 | 310 | 301 | 307 | 297 | 306 | | | | | |
| 14 | 452 | 305 | 305 | 304 | 308 | 297 | 313 | | | | | |
| 15 | 399 | 306 | 308 | 304 | 308 | 297 | 319 | | | | | |
| 16 | 370 | 307 | 312 | 304 | 308 | 298 | 319 | | | | | |
| 17 | 311 | 309 | 314 | 304 | 310 | 295 | 319 | | | | | |
| 18 | 303 | 311 | 313 | 304 | 311 | 296 | 316 | | | | | |
| 19 | 302 | 310 | 317 | 304 | 311 | 295 | 318 | | | | | |
| 20 | 305 | 308 | 315 | 304 | 310 | 295 | 324 | | | | | |
| 21 | 298 | 310 | 304 | 305 | 309 | 294 | 322 | | | | | |
| 22 | 292 | 309 | 302 | 305 | 309 | 296 | 401 | | | | | |
| 23 | 307 | 309 | 301 | 306 | 307 | 307 | 492 | | | | | |
| 24 | 320 | 311 | 301 | 307 | 309 | 314 | 488 | | | | | |
| 25 | 323 | 307 | 302 | 309 | 311 | 314 | 485 | | | | | |
| 26 | 318 | 307 | 302 | 309 | 310 | 313 | 486 | | | | | |
| 27 | 318 | 307 | 302 | 308 | 310 | 313 | 494 | | | | | |
| 28 | 317 | 310 | 301 | 307 | 309 | 312 | 584 | | | | | |
| 29 | 317 | 310 | 301 | 305 | 310 | 310 | 723 | | | | | |
| 30 | 315 | 310 | 298 | 307 | 311 | 311 | 1,093 | | | | | |
| 31 | 316 | 301 | 301 | 308 | 311 | 311 | | | | | | |
| TOTAL | 12,238 | 9,222 | 9,538 | 9,418 | 8,671 | 9,473 | 11,819 | | | | | |
| MEAN | 395 | 307 | 308 | 304 | 310 | 306 | 394 | | | | | |
| MAX | 517 | 317 | 317 | 309 | 316 | 315 | 1,093 | | | | | |
| MIN | 292 | 301 | 298 | 299 | 301 | 294 | 306 | | | | | |

WATER YEAR TOTALS

| | | |
|------------|--------|------------|
| TOTAL | 70,379 | |
| DAILY MEAN | 332 | |
| DAILY MAX | 1,093 | 04/30/2015 |
| DAILY MIN | 292 | 10/22/2014 |

UNITED STATES DEPARTMENT OF THE INTERIOR
 U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA
WHISKEYTOWN DAM, LAKE, AND SPRING CREEK POWERPLANT

RUN DATE: May 7, 2015

QG

GENERATION RELEASE, CFS

WATER YEAR OCTOBER 2014 TO SEPTEMBER 2015

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|--------------------------|---------------|--------------|---------------|--------------|---------------|----------------|------------|-----|-----|-----|-------------------|-----|
| 1 | 545 | 2,062 | 218 | 14 | 14 | 14 | 15 | | | | | |
| 2 | 510 | 2,150 | 15 | 349 | 14 | 14 | 26 | | | | | |
| 3 | 654 | 965 | 1,016 | 14 | 14 | 14 | 14 | | | | | |
| 4 | 689 | 19 | 18 | 27 | 14 | 23 | 15 | | | | | |
| 5 | 646 | 14 | 14 | 86 | 16 | 14 | 14 | | | | | |
| 6 | 704 | 14 | 746 | 309 | 899 | 14 | 14 | | | | | |
| 7 | 849 | 14 | 665 | 14 | 1,529 | 18 | 16 | | | | | |
| 8 | 761 | 14 | 228 | 14 | 1,794 | 551 | 16 | | | | | |
| 9 | 660 | 14 | 727 | 15 | 943 | 22 | 16 | | | | | |
| 10 | 676 | 14 | 1,586 | 14 | 2,015 | 15 | 14 | | | | | |
| 11 | 1,266 | 14 | 699 | 17 | 1,900 | 49 | 14 | | | | | |
| 12 | 1,240 | 14 | 1,981 | 14 | 1,906 | 46 | 20 | | | | | |
| 13 | 1,056 | 14 | 1,536 | 15 | 1,969 | 24 | 19 | | | | | |
| 14 | 997 | 18 | 2,067 | 378 | 705 | 14 | 14 | | | | | |
| 15 | 585 | 14 | 2,132 | 17 | 795 | 14 | 14 | | | | | |
| 16 | 1,185 | 92 | 1,723 | 23 | 1,898 | 27 | 15 | | | | | |
| 17 | 1,106 | 18 | 28 | 16 | 1,940 | 14 | 17 | | | | | |
| 18 | 1,154 | 14 | 1,849 | 14 | 825 | 112 | 16 | | | | | |
| 19 | 1,012 | 97 | 1,374 | 16 | 1,675 | 14 | 20 | | | | | |
| 20 | 1,570 | 64 | 1,254 | 93 | 1,297 | 14 | 16 | | | | | |
| 21 | 1,620 | 991 | 299 | 14 | 1,342 | 14 | 14 | | | | | |
| 22 | 1,662 | 14 | 572 | 14 | 695 | 17 | 14 | | | | | |
| 23 | 1,235 | 14 | 805 | 373 | 619 | 15 | 16 | | | | | |
| 24 | 2,019 | 15 | 1,938 | 288 | 523 | 17 | 14 | | | | | |
| 25 | 2,068 | 14 | 2,143 | 14 | 560 | 20 | 14 | | | | | |
| 26 | 1,018 | 14 | 770 | 14 | 351 | 14 | 14 | | | | | |
| 27 | 476 | 14 | 1,321 | 14 | 112 | 14 | 14 | | | | | |
| 28 | 178 | 14 | 2,069 | 14 | 14 | 36 | 14 | | | | | |
| 29 | 1,439 | 159 | 685 | 19 | 14 | 21 | 14 | | | | | |
| 30 | 2,111 | 14 | 17 | 16 | 17 | 17 | 14 | | | | | |
| 31 | 718 | 14 | 14 | 15 | 17 | 17 | 14 | | | | | |
| TOTAL | 32,409 | 6,902 | 30,509 | 2,254 | 26,378 | 1,229 | 467 | | | | | |
| MEAN | 1,045 | 230 | 984 | 73 | 942 | 40 | 16 | | | | | |
| MAX | 2,111 | 2,150 | 2,143 | 378 | 2,015 | 551 | 26 | | | | | |
| MIN | 178 | 14 | 14 | 14 | 14 | 14 | 14 | | | | | |
| WATER YEAR TOTALS | | | | | | | | | | | | |
| TOTAL | | | | | | 100,148 | | | | | | |
| DAILY MEAN | | | | | | 472 | | | | | | |
| DAILY MAX | | | | | | 2,150 | | | | | 11/02/2014 | |
| DAILY MIN | | | | | | 14 | | | | | 11/05/2014 | |