

El Dorado Hydroelectric Project
FERC Project No. 184

Target Lake Level Monitoring and Adjustment Report

February 2017

Introduction

Target lake levels for Echo Lake, Silver Lake, Caples Lake, and Lake Aloha are specified in the Project No. 184 Federal Energy Regulatory Commission (Commission) license conditions including United States Forest Service (FS) Section 4(e) Condition 52, State Water Resources Control Board (SWRCB) Water Quality Certification Condition 8, and Section 22 of Appendix A to the El Dorado Relicensing Settlement Agreement. These conditions also require the El Dorado Irrigation District (District) to prepare a report every five years describing whether the target lake levels have been achieved, and if not, the reasons and time periods when the target lake levels were not achieved.

The purpose of this document is to describe the implementation of target lake levels during the second five-year period (2012 – 2016) of license implementation for Project No. 184.¹ Additionally, this report describes the District's general recommendations for proposed changes to target lake levels based on operational experience gained during license implementation.

Water Year Types

Target lake levels for Caples Lake vary from year to year based on water year types. Water year types are defined in the Project No. 184 license conditions (FS Section 4(e) Condition 31, SWRCB Water Quality Certification Condition 1), and Section 1 of Appendix A to the El Dorado Relicensing Settlement Agreement as follows:

- Wet = greater than 125 percent of average
- Above Normal (AN) = less than 125 percent but greater than or equal to 100 percent of average
- Below Normal (BN) = less than 100 percent but greater than or equal to 75 percent of average
- Dry = less than 75 percent but greater than or equal to 50 percent of average
- Critically Dry (CD) = less than 50 percent of average

Table 1 describes the water year types, as defined by the Project No. 184 license, for water years 2007 – 2016. For reference, Table 1 includes water year types for 2007 – 2011; implementation of target lake levels for 2007 – 2011 is described in the Target Lake Level

¹ FERC Project No. 184 Order Issuing License issued on October 18, 2006

Monitoring and Adjustment Report (October 2011). This report describes target lake level compliance for water years 2012 – 2016.

Table 1. Water Year Types for Project No. 184; Water Years 2007 – 2016

| Water Year | April through July Forecast of Unimpaired Inflow to Folsom Reservoir | Final Water Year Designation |
|------------|--|------------------------------|
| 2007 | 43 % | CRITICALLY DRY |
| 2008 | 61 % | DRY |
| 2009 | 74 % | DRY |
| 2010 | 110 % | ABOVE NORMAL |
| 2011 | 172 % | WET |
| 2012 | 74 % | DRY |
| 2013 | 41 % | CRITICALLY DRY |
| 2014 | 32 % | CRITICALLY DRY |
| 2015 | 14 % | CRITICALLY DRY |
| 2016 | 93 % | BELOW NORMAL |

*Target lake-levels for water years shaded in grey are discussed in this report

Target Lake Level Implementation by Reservoir

The following section describes the implementation of target lake levels at each reservoir, including a discussion of the reasons and time periods when the target lake levels were not achieved.

Each Project No. 184 reservoir has unique lake level targets as defined in the Project No. 184 license conditions. The language from these license conditions is included in Appendix A to this report.

Each Project No. 184 reservoir has a lake level gage to measure the stage and/or storage of the reservoir. Annual gage data for each reservoir (October 1 to September 30) for water years 2012 to 2016 is included in Appendix B.

Echo Lake

All monthly target lake levels, as specified in the Project No. 184 license, were consistently achieved at Echo Lake during water years 2012 – 2016.

Caples Lake

Caples Lake target monthly lake levels were not achieved on four occasions, all of which occurred during water year 2016. These events are summarized in Table 2 and discussed in the subsequent paragraphs.

Table 2. Target Lake levels for Caples Lake; Water Years 2012 – 2016

| Date | End of the month lake level (AF) | Target lake level for designated water year type (AF) | Difference (AF) |
|----------------|----------------------------------|---|-----------------|
| June 2016 | 22,246 | 22,338 (BN) | -92 |
| July 2016 | 18,628 | 22,089 (BN) | -3,461 |
| August 2016 | 16,574 | 18,006 (BN) | -1,432 |
| September 2016 | 14,564 | 18,006 (BN) | -3,442 |

June 2016

On July 21, 2016, the District notified the Commission and SWRCB by letter (Accession Nos. 20160721-5116; 20160722-5004) that the Caples Lake June end of the month lake level target was not achieved and noted that July end of the month lake level targets at Caples Lake was not anticipated to be achieved. The following excerpt of the letter describes the circumstances associated with the June end of the month lake level targets at Caples Lake and Lake Aloha (Lake Aloha discussed in subsequent section).

"On June 30, 2016, Caples Lake was 99.6% full with water storage of 22,246 acre feet (61.85 feet). Per the license, the target lake level for a Below Normal water year is 22,338 acre feet (full reservoir at 62.00 feet).

The District forecasted the reservoir(s) would meet the target lake levels, as provided in the June operational forecast. The lake level target at Caples Lake was not achieved due to the challenge of trying to meet a full reservoir lake level target while managing snowmelt runoff during the onset of high summer temperatures and simultaneously preventing releases from the spillway. The District experienced a similar challenge at Caples Lake in 2011 when trying to meet the same full reservoir end of month June lake level target in a wet water year type. That year, the District managed more aggressively for the lake level target and had to initiate substantial releases from the spillway for dam safety purposes to manage inflow in response to an end-of-June rain-on-snow storm event.

Please note that both reservoir(s) have license conditions limiting spillway releases. These conditions require the District to attempt to operate Lake Aloha to prevent water from the reservoir spilling over the auxiliary dams and limit the use of the spillway channel at Caples Lake. Balancing these conditions with meeting lake level targets has proved to be especially challenging in a Below Normal water year when license-specified minimum streamflows and target lake levels are similar to those required in wetter water year types."

On December 12, 2016, the Commission issued a letter (Accession No. 20161212-3004) acknowledging that the filing fulfills the notification requirements of the Project No. 184 license.

July 2016

On July 21, 2016, the District notified the Commission and SWRCB by letter (Accession Nos. 20160721-5116; 20160722-5004) that the Caples Lake July end of the month lake level targets was not anticipated to be achieved.

"On July 18, 2016, Caples Lake was 95% full with water storage of 21,112 acre feet (60.0 feet). Per the license, the end-of-July target lake level for a Below Normal water year is 22,089 acre feet (61.6 feet). The forecasted end-of-July lake level is 19,409 acre feet (57.2 feet). The July operational forecast is enclosed.

As described in the District's July 6, 2016 email notification regarding end-of-June lake level targets, meeting both the license-specified minimum streamflows and the target lake levels required during a Below Normal water year is proving to be an ongoing challenge. The California Department of Water Resources May 1 Bulletin 120 estimated forecast of April through July unimpaired runoff into Folsom Reservoir was 93% of normal; however, weekly updated projections continued to decrease and the June 9, 2016 update to the B-120 estimated the unimpaired runoff at 76% of normal. These dry conditions have required the District to make releases from Caples Lake well above the minimum streamflow requirements in order to provide sufficient water at the South Fork American River below Kyburz to meet Below Normal July minimum streamflow requirements of 125 cfs."

On December 12, 2016, the Commission issued a letter (Accession No. 20161212-3004) acknowledging that the filing fulfills the notification requirements of the Project No. 184 license.

August - September 2016

On August 9, 2016, the District notified the Commission and SWRCB by letter (Accession Nos. 20160809-5158; 20160809-5175) that the Caples Lake August and September end of the month lake level targets were not anticipated to be achieved.

"The August operational forecast (enclosed) indicates that Caples Lake level is anticipated to be 16,357 (51.9 feet) on August 31, 2016. Per the license, the August end-of-the-month lake-level target for a Below Normal water year is 18,006 acre feet (54.8 feet). The August end-of-the-month lake level target is not anticipated to be achieved because releases from Caples Lake above the minimum streamflow requirements are required in order to supplement natural flows to meet South Fork American River below Kyburz Below Normal August minimum streamflow requirements of 65 cfs.

The El Dorado powerhouse has essentially been shut down since the beginning of July 2016. Per the license, the September end-of-the-month lake-level target for a Below Normal water year is 18,006 acre feet (54.8 feet), the

same as the August target. Therefore, the September end-of-the-month lake-level target at Caples Lake is also not anticipated to be achieved. The forecasted lake level at the beginning of the month will already be below the target. Additionally, because there is typically no inflow to Caples Lake during September, no additional storage is anticipated to be gained during the month. Even making minimum releases to meet only Caples Creek minimum streamflow requirements is anticipated to result in a forecasted end-of-the-month storage of approximately 15,567 af (50.5 feet). A September operational forecast will be prepared and posted to the District's website at the beginning of September."

On December 12, 2016, the Commission issued a letter (Accession No. 20161212-3004) acknowledging that the filing fulfills the notification requirements of the Project No. 184 license.

Silver Lake

All monthly target lake levels, as specified in the Project No. 184 license, were consistently achieved at Silver Lake during water years 2012 – 2016.

Lake Aloha

Lake Aloha target monthly lake levels were not achieved on one occasion during water years 2012 – 2016. On July 21, 2016, the District notified the Commission and SWRCB by letter (Accession Nos. 20160721-5116; 20160722-5004) that the Lake Aloha June end of the month lake level target was not achieved. The following excerpt describes the circumstances associated with the June end of the month lake level target at Lake Aloha.

"On June 30, 2016, Lake Aloha was 64% full with water storage of 3,199 acre feet (16.4 feet). Per the license, the target lake level for a Below Normal water year is 4,150 acre feet (18.2 feet)..."

The District forecasted the reservoir(s) would meet the target lake levels, as provided in the June operational forecast. The lake level targets at Lake Aloha were not achieved due to a misjudgment of the amount of snowpack and timing of runoff conditions in the local watershed.

Please note that both reservoir(s) have license conditions limiting spillway releases. These conditions require the District to attempt to operate Lake Aloha to prevent water from the reservoir spilling over the auxiliary dams and limit the use of the spillway channel at Caples Lake. Balancing these conditions with meeting lake level targets has proved to be especially challenging in a Below Normal water year when license-specified minimum streamflows and target lake levels are similar to those required in wetter water year types."

Recommended Changes to Lake Level Targets

Based on operational experience gained during water years 2007 to 2016, the District has identified several potential changes to current lake level targets. The District expects to achieve the following objectives with implementation of these changes:

- Improve ability to manage unpredictable environmental conditions affecting reservoir inflows
- Reduce the need for unnecessary reporting when targets are not achieved by modest amounts

Recommendations may include, but are not limited to:

- Develop an acceptable range or margin of error for target lake levels at Caples Lake that allows the District to consider snowpack and runoff conditions while attempting to meet target lake levels
- Eliminate June end of month lake level targets at Caples Lake due to the fact that the District is required by FERC license conditions to manage reservoir stage to avoid spill and annual operations are more governed by the July end of month lake level target
- Reduce end of month lake level targets at Caples Lake for certain months and water year types

These recommended changes are conceptual and require additional analysis and definition to be able to determine if they are feasible options. The District plans to develop these recommendations, in consultation with the FS, SWRCB and ERC, into a subsequent detailed proposal for review and consideration by the FS, SWRCB, ERC, and the Commission. The timeline for developing such a proposal is not yet established.

APPENDIX A

TARGET LAKE LEVEL LICENSE CONDITIONS

Target Lake Levels and Minimum Pool²

1. Echo Lakes

The licensee shall operate Echo Lakes such that the channel between the Upper and Lower Echo Lakes is navigable by motorized watercraft, between July 1 and Labor Day of each year, while still complying with minimum streamflow or other conditions and requirements. If the licensee anticipates that the reservoir will not meet this target level for reasons other than non-discretionary releases by the licensee, FS, *ERC, SWRCB, and FERC* shall be notified in writing, within 10 days of this determination, and provided an explanation of why the target reservoir level will not be attained.

2. Caples Lake

The licensee shall operate Caples Lake as follows:

| Caples Lake | | End of Month Lake Levels by Water Year | | | | |
|-------------|--------|--|-------|-------|-------|-------|
| | Month | In Acre-Feet | | | | |
| | | CD | DRY | BN | AN | WET |
| | JUNE | 18704 | 18704 | 22338 | 22338 | 22338 |
| | JULY | 18413 | 18646 | 22089 | 22338 | 22338 |
| | AUGUST | 14376 | 14376 | 18006 | 18006 | 18006 |
| | SEPT | 14376 | 14376 | 18006 | 18006 | 18006 |

The lake levels described above are target values. If the licensee cannot achieve the target level for any month from June through September, the licensee shall not make, or shall cease making as soon as it is able to determine this, discretionary releases from Caples Lake in that month.

Using the forecasting method described in Condition No. 31, subsection Water Year Types, the licensee shall annually, by March 15, provide a preliminary evaluation of the water year type and consult with the FS, *ERC, and SWRCB* to determine the anticipated June through September lake levels for the year based on that water year type and the table above. As described in Condition No. 31, subsection Water Year Types, the licensee shall, between May 1 and May 5 of each year, make the final water year type determination, and shall, within 10 days, so inform the FS, *ERC, and SWRCB*. The final water year type selected for operations during the year will be subject to approval by FS *and SWRCB*.

The licensee shall report to the FS, *ERC, and SWRCB* any changes in its operations or factors beyond its control that render it unable to meet the target lake levels. The

² United States Forest Service Section 4(e) Condition 52, State Water Resources Control Board Water Quality Certification Condition 8, and Section 22 of Appendix A to the El Dorado Relicensing Settlement Agreement

licensee shall make this report within 5 days of discovering its inability to meet a target. The licensee shall also, within 30 days, inform FERC.

Members of the ERC or the FS may request a meeting of the ERC to review proposed or implemented operational changes, or other factors, that make it impossible to meet a June through September lake level target.

During the fall and early winter of each year, the licensee shall attempt to operate Caples Lake so that target lake levels are likely to be met in the following summer. Such operation may include, but is not limited to, maintaining adequate storage in Caples Lake in early winter (model results to date indicate that necessary storage may be as high as 13,000 acre-feet on November 30). The licensee shall maintain a target minimum pool in Caples Lake of 10,000 acre-feet. If the licensee anticipates reducing the level of Caples Lake below the 10,000 acre-foot target level, such as during a water year when spill is a concern, the licensee shall notify the FS, *ERC, and SWRCB* within 5 days and shall provide them a detailed explanation as to why the target lake level is anticipated to be reduced.

As described in Condition No. 31, subsection Water Year Types, the licensee shall, within 1 year of license issuance, develop a forecasting method and associated operating plan that will be used to re-assess the water year type and to adjust minimum streamflows at Caples Lake Dam and Kyburz Diversion Dam during the months of January and February, in order to address lake levels at Caples Lake. The forecasting method shall be used to evaluate the water year type designations governing operations for January and February. The method and plan shall be approved by the FS, *ERC, and SWRCB* prior to filing the method and plan with FERC. Once approved by FERC, the licensee shall operate Caples Lake Dam and Kyburz Diversion Dam for the months of January and February, beginning on the 5th day of each of these months, based on the approved forecasting method and operating plan. The licensee shall provide notice to the FS, *ERC, and SWRCB* of the water year type designation governing operations for January and for February within 5 days of making each determination. After February, the forecasting method shall be consistent with the method described in Condition No. 31, subsection Water Year Types (using Bulletin 120 or duly approved alternate forecasting tool).

3. Silver Lake

Notwithstanding any other provision of this section, the licensee shall not release prior to Labor Day of each year water from Silver Lake for consumptive use, power production, rediversion, maintenance, or other purposes, excluding any non-discretionary releases required by FERC or the State Division of Safety of Dams.

Between Labor Day and September 15, the licensee shall not make discretionary releases from Silver Lake unless a Stage 1, 2, or 3 Emergency Notice is issued during this time period by the Independent System Operator (ISO) or a similar equivalent alert

is issued by the ISO or its institutional successor. In cases where such an Emergency Notice is issued in this time period, the licensee shall, once the Project is no longer subject to Emergency status and the Forebay has been replenished to pre-Notice levels, discontinue discretionary releases until after September 15. Releases from Silver Lake in situations where a Stage 1, 2, or 3 Emergency Notice is issued between Labor Day and September 15 shall not draw Silver Lake down to a stage lower than 12.0 feet as measured on the gage at the outlet works on September 15.

After September 15 of each year, discretionary releases from Silver Lake may be made, with the limitation that stage height on September 30 shall be no less than 12.0 feet as measured on the gage at the outlet works. If Silver Lake reaches a stage height of 12.0 feet prior to September 30 because of pre-September 15 discretionary releases under the preceding paragraph, the licensee shall make no further discretionary releases in September.

The annual, as opposed to emergency, maintenance period for the El Dorado Canal and Akin Powerhouse shall be scheduled by the licensee to begin no later than October 3rd of each year. From the time maintenance begins until the time that maintenance that requires the non-operation of the El Dorado Canal and/or Akin Powerhouse is completed, release from Silver Lake shall meet the minimum flow requirements in the Silver Fork American River, and, where applicable, may also be used to meet that portion of the minimum flow at Kyburz Diversion Dam not being met from other sources. Further, release from Silver Lake may also be increased after October 15 in cases where this is necessary to reach the 12.0-foot stage by October 25.

Silver Lake stage shall be no less than 7.4 as of November 1 of each year.

If the licensee is unable to operate the El Dorado Canal at any time between September 15 and September 30 of any year, the licensee shall make no discretionary releases from Silver Lake during canal downtime between September 15 and September 30 of that year. In years where the licensee is able to operate the El Dorado Canal, but is unable to operate the Akin Powerhouse at any time between September 15 and September 30, the licensee shall limit discretionary releases from Silver Lake during that powerhouse downtime between September 15 and September 30 according to the following system of priorities:

Water required to meet consumptive needs at Forebay, plus the required minimum flow at Kyburz Diversion Dam, shall first be drawn from accretion between the high lakes and Kyburz Diversion Dam, shall second be drawn from the required minimum flow from Caples Lake Dam, Lake Aloha Dam, and Silver Lake Dam and from leakage from Silver Lake, and shall third be drawn from the maximum available release from Echo Lakes. Any additional water required to meet consumptive needs at Forebay plus required minimum flow past Kyburz Diversion Dam may be met using discretionary

releases from Silver Lake, without, however, dropping the level of Silver Lake below the 12.0 stage at the end of September.

Notwithstanding any or all of the above, the licensee shall meet the minimum streamflow release requirement from Silver Lake Dam.

The licensee shall attempt to inform the FS, *ERC*, and SWRCB of the estimated duration of the annual maintenance period by the date described in Condition No. 45 for completion of the operations and maintenance plan but shall notify those Parties no later than July 1. The licensee shall post and update this information on its website.

4. *Lake Aloha*

The licensee shall operate Lake Aloha in such a manner as to comply with the End-of-Month Lake Level Operational Requirements established in California State Water Resources Control Board Decision 1635 as modified by Order WR 2001-22. If the licensee anticipates that the reservoir will not meet this target level, FS, ERC, SWRCB, and FERC shall be notified in writing, within 10 days of this determination, and provided an explanation of why the target reservoir level will not be attained.

5. *Target Lake Level Monitoring and Adjustment*

Within 5 years of license issuance, and every 5 years thereafter, the licensee shall prepare a report describing whether the target lake levels have been achieved, and if not, the reasons and time periods when the target lake levels were not achieved. The licensee shall provide a copy of the report to the FS, ERC, SWRCB, and FERC.

APPENDIX B

LAKE LEVEL GAGE DATA

El Dorado Irrigation District

USDAY V107 Output 02/21/2017

Summary Report

Site: A1 Lake Al oha
 USGS #: 11434900
 Beginning Date: 10/01/2011
 Ending Date: 09/30/2012

Daily Midnight Storage Volume in Acre feet Water Year Oct 2011 to Sep 2012

| 09/30/2011 | 0 | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|------|-------|-----|------|-------|------|--------|------|-------|-------|-------|-------|------|
| Day | | | | | | | | | | | | | |
| 1 | 0 | 215 | 0 | 0 | 0 | 0 | 0 | 0 | 998 | 4430 | 4251 | 1204 | 208 |
| 2 | 0 | 204 | 0 | 0 | 0 | 0 | 0 | 0 | 1196 | 4514 | 4212 | 1075 | 203 |
| 3 | 0 | 197 | 0 | 0 | 0 | 0 | 0 | 0 | 1403 | 4615 | 4151 | 954 | 197 |
| 4 | 0 | 227 | 0 | 0 | 0 | 0 | 0 | 0 | 1610 | 4330 | 4302 | 1331 | 214 |
| 5 | 0 | 179 | 0 | 0 | 0 | 0 | 0 | 0 | 1829 | 4702 | 4029 | 731 | 187 |
| 6 | 0 | 168 | 0 | 0 | 0 | 0 | 0 | 0 | 2048 | 4702 | 3965 | 631 | 181 |
| 7 | 0 | 158 | 0 | 0 | 0 | 0 | 0 | 0 | 2280 | 4696 | 3901 | 641 | 170 |
| 8 | 0 | 173 | 0 | 0 | 0 | 0 | 0 | 0 | 2510 | 4713 | 3837 | 625 | 164 |
| 9 | 0 | 127 | 0 | 0 | 0 | 0 | 0 | 0 | 2754 | 4702 | 3965 | 641 | 161 |
| 10 | 109 | 127 | 0 | 0 | 0 | 0 | 0 | 0 | 2996 | 4702 | 3965 | 641 | 154 |
| 11 | 223 | 117 | 0 | 0 | 0 | 0 | 0 | 0 | 3251 | 4759 | 3629 | 574 | 149 |
| 12 | 391 | 108 | 0 | 0 | 0 | 0 | 0 | 0 | 3302 | 4794 | 3528 | 878 | 142 |
| 13 | 508 | 98.3 | 0 | 0 | 0 | 0 | 0 | 0 | 3352 | 4841 | 3429 | 555 | 135 |
| 14 | 561 | 89.3 | 0 | 0 | 0 | 0 | 0 | 0 | 3347 | 4865 | 3322 | 546 | 126 |
| 15 | 571 | 79.9 | 0 | 0 | 0 | 0 | 0 | 0 | 3560 | 4894 | 3215 | 528 | 119 |
| 16 | 571 | 70.4 | 0 | 0 | 0 | 0 | 0 | 0 | 3672 | 4928 | 3107 | 514 | 113 |
| 17 | 564 | 61.4 | 0 | 0 | 0 | 0 | 0 | 0 | 3720 | 4975 | 2996 | 496 | 106 |
| 18 | 549 | 59.2 | 0 | 0 | 0 | 0 | 0 | 0 | 3763 | 4957 | 2908 | 478 | 100 |
| 19 | 534 | 51.0 | 0 | 0 | 0 | 0 | 0 | 24.1 | 3827 | 4917 | 2783 | 461 | 93.3 |
| 20 | 514 | 43.5 | 0 | 0 | 0 | 0 | 0 | 48.3 | 3917 | 4876 | 2665 | 439 | 87.1 |
| 21 | 499 | 35.7 | 0 | 0 | 0 | 0 | 0 | 76.0 | 4002 | 4829 | 2548 | 417 | 81.5 |
| 22 | 478 | 28.0 | 0 | 0 | 0 | 0 | 0 | 104 | 4046 | 4771 | 2440 | 399 | 71.5 |
| 23 | 453 | 19.8 | 0 | 0 | 0 | 0 | 0 | 135 | 4068 | 4707 | 2330 | 379 | 64.8 |
| 24 | 434 | 12.5 | 0 | 0 | 0 | 0 | 0 | 167 | 4112 | 4638 | 2204 | 352 | 59.2 |
| 25 | 402 | 4.34 | 0 | 0 | 0 | 0 | 0 | 202 | 4123 | 4575 | 2080 | 319 | 52.6 |
| 26 | 376 | 0 | 0 | 0 | 0 | 0 | 0 | 237 | 4128 | 4519 | 1955 | 294 | 45.9 |
| 27 | 340 | 0 | 0 | 0 | 0 | 0 | 0 | 374 | 4123 | 4469 | 1833 | 261 | 40.6 |
| 28 | 308 | 0 | 0 | 0 | 0 | 0 | 0 | 511 | 4134 | 4407 | 1709 | 236 | 35.2 |
| 29 | 273 | 0 | 0 | 0 | 0 | 0 | 0 | 668 | 4178 | 4358 | 1584 | 229 | 29.9 |
| 30 | 239 | 0 | 0 | 0 | 0 | 0 | 0 | 824 | 4240 | 4302 | 1459 | 221 | 24.6 |
| 31 | 227 | ----- | 0 | 0 | ----- | 0 | 0 | 4330 | ----- | 1331 | 214 | ----- | |
| Max | 571 | 227 | 0 | 0 | 0 | 0 | 0 | 824 | 4330 | 4975 | 4302 | 1331 | 214 |
| Min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 998 | 4302 | 1331 | 214 | 24.6 | |
| Change | 227 | -227 | 0 | 0 | 0 | 0 | 0 | 824 | 3506 | -28.0 | -2971 | -1117 | -189 |
| Wtr Year 2012 | Mean | 1013 | Max | 4975 | Min | 5179 | 0 Inst | Max | 4975 | | | | |
| Cal Year 2011 | Mean | 372 | Max | 5179 | Min | 5179 | 0 Inst | Max | 5179 | | | | |

El Dorado Irrigation District

USDAY V107 Output 02/21/2017

Summary Report

Site: A1 Lake Al oha
 USGS #: 11434900
 Beginning Date: 10/01/2012
 Ending Date: 09/30/2013

Daily Midnight Storage Volume in Acre feet Water Year Oct 2012 to Sep 2013

09/30/2012 24.6

| Day | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|-------|-------|------|------|-------|--------|-------|------|-------|-------|-------|-------|
| 1 | 19.3 | 0 | 564 | 1829 | 1593 | 1277 | 1472 | 2927 | 4604 | 4463 | 1546 | 0 |
| 2 | 13.5 | 0 | 884 | 1815 | 1584 | 1268 | 1472 | 2991 | 4615 | 4385 | 1459 | 0 |
| 3 | 7.23 | 0 | 940 | 1802 | 1572 | 1293 | 1492 | 3133 | 4627 | 4291 | 1377 | 0 |
| 4 | .48 | 0 | 980 | 1788 | 1563 | 1281 | 1572 | 3204 | 4632 | 4201 | 1281 | 0 |
| 5 | 0 | 0 | 1244 | 1780 | 1555 | 1285 | 1576 | 3266 | 4667 | 4106 | 1196 | 0 |
| 6 | 0 | 0 | 1377 | 1784 | 1534 | 1310 | 1606 | 3363 | 4713 | 4002 | 1106 | 0 |
| 7 | 0 | 0 | 1407 | 1762 | 1542 | 1305 | 1627 | 3393 | 4754 | 3885 | 1021 | 0 |
| 8 | 0 | 0 | 1439 | 1748 | 1525 | 1297 | 1661 | 3445 | 4800 | 3784 | 940 | 0 |
| 9 | 0 | 0 | 1439 | 1748 | 1521 | 1289 | 1644 | 3512 | 4859 | 3666 | 861 | 0 |
| 10 | 0 | 0 | 1451 | 1762 | 1500 | 1277 | 1653 | 3613 | 4888 | 3554 | 782 | 0 |
| 11 | 0 | 0 | 1455 | 1757 | 1492 | 1268 | 1713 | 3725 | 4847 | 3445 | 698 | 0 |
| 12 | 0 | 0 | 1455 | 1744 | 1480 | 1268 | 1766 | 3858 | 4759 | 3332 | 602 | 0 |
| 13 | 0 | 0 | 1500 | 1735 | 1459 | 1277 | 1838 | 3992 | 4696 | 3220 | 508 | 0 |
| 14 | 0 | 0 | 1496 | 1735 | 1451 | 1305 | 1880 | 4079 | 4673 | 3107 | 399 | 0 |
| 15 | 0 | 0 | 1492 | 1696 | 1439 | 1326 | 1880 | 4162 | 4684 | 3036 | 273 | 0 |
| 16 | 0 | 0 | 1492 | 1691 | 1431 | 1339 | 1880 | 4268 | 4696 | 3021 | 210 | 0 |
| 17 | 0 | 0 | 1576 | 1678 | 1419 | 1343 | 1880 | 4313 | 4707 | 2996 | 171 | 0 |
| 18 | 0 | 29.9 | 1589 | 1670 | 1407 | 1343 | 1955 | 4347 | 4713 | 2942 | 133 | 0 |
| 19 | 0 | 46.4 | 1584 | 1661 | 1411 | 1347 | 1963 | 4385 | 4707 | 2845 | 96.1 | 0 |
| 20 | 0 | 59.8 | 1580 | 1644 | 1399 | 1419 | 1999 | 4435 | 4678 | 2744 | 61.4 | 0 |
| 21 | 0 | 97.2 | 1597 | 1636 | 1381 | 1423 | 2066 | 4525 | 4598 | 2640 | 28.5 | 0 |
| 22 | 0 | 125 | 1674 | 1627 | 1360 | 1419 | 2149 | 4553 | 4525 | 2539 | 0 | 0 |
| 23 | 0 | 151 | 1757 | 1610 | 1356 | 1411 | 2218 | 4570 | 4452 | 2440 | 0 | 0 |
| 24 | 0 | 167 | 1775 | 1610 | 1343 | 1411 | 2218 | 4581 | 4627 | 2339 | 0 | 0 |
| 25 | 0 | 184 | 1775 | 1640 | 1326 | 1407 | 2303 | 4587 | 4928 | 2252 | 0 | 0 |
| 26 | 0 | 197 | 1859 | 1648 | 1310 | 1403 | 2417 | 4598 | 4829 | 2149 | 0 | 0 |
| 27 | 0 | 207 | 1868 | 1644 | 1297 | 1407 | 2491 | 4632 | 4765 | 2048 | 0 | 0 |
| 28 | 0 | 221 | 1859 | 1631 | 1281 | 1419 | 2606 | 4835 | 4696 | 1941 | 0 | 0 |
| 29 | 0 | 233 | 1855 | 1627 | ----- | 1423 | 2729 | 4777 | 4627 | 1833 | 0 | 0 |
| 30 | 0 | 302 | 1850 | 1610 | ----- | 1435 | 2859 | 4684 | 4542 | 1722 | 0 | 0 |
| 31 | 0 | ----- | 1838 | 1606 | ----- | 1464 | ----- | 4609 | ----- | 1640 | 0 | ----- |
| Max | 19.3 | 302 | 1868 | 1829 | 1593 | 1464 | 2859 | 4835 | 4928 | 4463 | 1546 | 0 |
| Min | 0 | 0 | 564 | 1606 | 1281 | 1268 | 1472 | 2927 | 4452 | 1640 | 0 | 0 |
| Change | -24.6 | 302 | 1536 | -232 | -325 | 183 | 1395 | 1750 | -67.0 | -2902 | -1640 | 0 |
| Wtr Year 2013 | Mean | 1693 | Max | 4928 | Min | 0 Inst | Max | 4928 | | | | |
| Cal Year 2012 | Mean | 1114 | Max | 4975 | Min | 0 Inst | Max | 4975 | | | | |

El Dorado Irrigation District

USDAY V107 Output 02/21/2017

Summary Report

Site: A1 Lake Al oha
 USGS #: 11434900
 Beginning Date: 10/01/2013
 Ending Date: 09/30/2014

Daily Midnight Storage Volume in Acre feet Water Year Oct 2013 to Sep 2014

| 09/30/2013 | 0 | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|------|-------|-----|------|-------|-------|----------|------|-------|-------|-------|-------|-----|
| Day | | | | | | | | | | | | | |
| 1 | 0 | 0 | 0 | 0 | 0 | 65.3 | 625 | 1063 | 2527 | 4508 | 4237 | 2348 | 932 |
| 2 | 0 | 0 | 0 | 0 | 0 | 81.0 | 634 | 1063 | 2607 | 4525 | 4182 | 2286 | 908 |
| 3 | 0 | 0 | 0 | 0 | 0 | 92.7 | 641 | 1063 | 2688 | 4525 | 4122 | 2225 | 875 |
| 4 | 0 | 0 | 0 | 0 | 0 | 101 | 658 | 1063 | 2793 | 4536 | 4062 | 2180 | 845 |
| 5 | 0 | 0 | 0 | 0 | 0 | 108 | 665 | 1063 | 2854 | 4551 | 3993 | 2125 | 822 |
| 6 | 0 | 0 | 0 | 0 | 0 | 119 | 725 | 1055 | 2891 | 4589 | 3935 | 2062 | 797 |
| 7 | 0 | 0 | 0 | 0 | 0 | 133 | 734 | 1083 | 2913 | 4599 | 3877 | 2004 | 762 |
| 8 | 0 | 0 | 0 | 0 | 0 | 168 | 734 | 1130 | 2945 | 4603 | 3815 | 1947 | 734 |
| 9 | 0 | 0 | 0 | 0 | 0 | 233 | 734 | 1192 | 3022 | 4619 | 3747 | 1879 | 710 |
| 10 | 0 | 0 | 0 | 0 | 0 | 389 | 769 | 1248 | 3060 | 4617 | 3683 | 1819 | 681 |
| 11 | 0 | 0 | 0 | 0 | 0 | 453 | 769 | 1314 | 3088 | 4610 | 3625 | 1757 | 660 |
| 12 | 0 | 0 | 0 | 0 | 0 | 458 | 769 | 1394 | 3117 | 4597 | 3562 | 1688 | 627 |
| 13 | 0 | 0 | 0 | 0 | 0 | 473 | 769 | 1459 | 3191 | 4573 | 3495 | 1624 | 508 |
| 14 | 0 | 0 | 0 | 0 | 0 | 473 | 769 | 1517 | 3282 | 4577 | 3429 | 1578 | 485 |
| 15 | 0 | 0 | 0 | 0 | 0 | 502 | 772 | 1589 | 3391 | 4564 | 3373 | 1537 | 456 |
| 16 | 0 | 0 | 0 | 0 | 0 | 520 | 782 | 1661 | 3498 | 4568 | 3303 | 1492 | 424 |
| 17 | 0 | 0 | 0 | 0 | 0 | 520 | 791 | 1766 | 3580 | 4567 | 3248 | 1447 | 398 |
| 18 | 0 | 0 | 0 | 0 | 0 | 523 | 811 | 1885 | 3652 | 4571 | 3187 | 1408 | 364 |
| 19 | 0 | 0 | 0 | 0 | 0 | 525 | 821 | 1994 | 3698 | 4581 | 3116 | 1366 | 325 |
| 20 | 0 | 0 | 0 | 0 | 0 | 523 | 827 | 2080 | 3766 | 4579 | 3071 | 1329 | 298 |
| 21 | 0 | 0 | 0 | 0 | 0 | 523 | 837 | 2149 | 3806 | 4572 | 3017 | 1284 | 269 |
| 22 | 0 | 0 | 0 | 0 | 0 | 525 | 847 | 2237 | 3867 | 4588 | 2943 | 1244 | 236 |
| 23 | 0 | 0 | 0 | 0 | 0 | 528 | 854 | 2266 | 3929 | 4621 | 2871 | 1192 | 228 |
| 24 | 0 | 0 | 0 | 0 | 0 | 531 | 867 | 2284 | 4045 | 4634 | 2805 | 1156 | 220 |
| 25 | 0 | 0 | 0 | 0 | 0 | 531 | 888 | 2394 | 4181 | 4589 | 2743 | 1116 | 219 |
| 26 | 0 | 0 | 0 | 0 | 0 | 531 | 930 | 2408 | 4285 | 4584 | 2670 | 1073 | 217 |
| 27 | 0 | 0 | 0 | 0 | 0 | 555 | 958 | 2412 | 4372 | 4440 | 2607 | 1035 | 223 |
| 28 | 0 | 0 | 0 | 0 | 0 | 615 | 954 | 2417 | 4431 | 4391 | 2536 | 1002 | 221 |
| 29 | 0 | 0 | 0 | 0 | 0 | ----- | 998 | 2449 | 4473 | 4331 | 2480 | 1025 | 219 |
| 30 | 0 | 0 | 0 | 0 | 15.9 | ----- | 1013 | 2482 | 4508 | 4281 | 2467 | 992 | 214 |
| 31 | 0 | ----- | 0 | 45.4 | ----- | 1036 | ----- | 4508 | ----- | 2412 | 960 | ----- | |
| Max | 0 | 0 | 0 | 45.4 | 615 | 1036 | 2482 | 4508 | 4634 | 4237 | 2348 | 932 | |
| Min | 0 | 0 | 0 | 0 | 65.3 | 625 | 1055 | 2527 | 4281 | 2412 | 960 | 214 | |
| Change | 0 | 0 | 0 | 45.4 | 570 | 421 | 1446 | 2026 | -227 | -1869 | -1452 | -746 | |
| Wtr Year 2014 | Mean | 1365 | Max | 4634 | Min | 0 | Inst Max | 4635 | | | | | |
| Cal Year 2013 | Mean | 1559 | Max | 4928 | Min | 0 | Inst Max | 4928 | | | | | |

El Dorado Irrigation District

USDAY V107 Output 02/21/2017

Summary Report

Site: A1 Lake Al oha
 USGS #: 11434900
 Beginning Date: 10/01/2014
 Ending Date: 09/30/2015

Daily Midnight Storage Volume in Acre feet Water Year Oct 2014 to Sep 2015

09/30/2014 214

| Day | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|------|-------|-----|------|-------|--------|-------|------|-------|------|------|-------|
| 1 | 210 | 23.6 | 349 | 775 | 478 | 1196 | 1744 | 2534 | 2812 | 2036 | 1250 | 607 |
| 2 | 205 | 21.2 | 423 | 762 | 473 | 1184 | 1748 | 2597 | 2807 | 1996 | 1230 | 592 |
| 3 | 199 | 17.8 | 537 | 750 | 470 | 1175 | 1748 | 2650 | 2783 | 1934 | 1202 | 573 |
| 4 | 193 | 14.9 | 589 | 740 | 473 | 1159 | 1762 | 2699 | 2774 | 1886 | 1182 | 548 |
| 5 | 186 | 12.1 | 608 | 728 | 458 | 1147 | 1784 | 2739 | 2760 | 1839 | 1153 | 531 |
| 6 | 179 | 9.16 | 625 | 719 | 478 | 1138 | 1788 | 2768 | 2760 | 1786 | 1129 | 516 |
| 7 | 173 | 5.30 | 631 | 716 | 621 | 1130 | 1833 | 2830 | 2760 | 1754 | 1108 | 501 |
| 8 | 167 | 2.89 | 631 | 704 | 621 | 1122 | 1833 | 2864 | 2764 | 1746 | 1081 | 484 |
| 9 | 160 | 0 | 631 | 695 | 1047 | 1118 | 1838 | 2893 | 2764 | 1741 | 1061 | 466 |
| 10 | 152 | 0 | 631 | 683 | 1047 | 1114 | 1838 | 2913 | 2894 | 1728 | 1034 | 449 |
| 11 | 145 | 0 | 634 | 674 | 1047 | 1130 | 1850 | 2922 | 2889 | 1706 | 1008 | 433 |
| 12 | 138 | 0 | 686 | 661 | 1142 | 1130 | 1859 | 2884 | 2875 | 1685 | 986 | 417 |
| 13 | 130 | 11.1 | 686 | 654 | 1171 | 1142 | 1868 | 2845 | 2856 | 1663 | 960 | 401 |
| 14 | 123 | 18.3 | 683 | 644 | 1179 | 1179 | 1885 | 2821 | 2831 | 1642 | 939 | 386 |
| 15 | 117 | 25.1 | 680 | 625 | 1179 | 1240 | 1885 | 2821 | 2788 | 1624 | 921 | 358 |
| 16 | 111 | 27.5 | 695 | 615 | 1204 | 1281 | 1885 | 2787 | 2750 | 1595 | 900 | 345 |
| 17 | 103 | 28.9 | 695 | 608 | 1212 | 1314 | 1898 | 2768 | 2710 | 1578 | 883 | 327 |
| 18 | 96.7 | 29.4 | 689 | 605 | 1220 | 1356 | 1919 | 2734 | 2661 | 1557 | 866 | 308 |
| 19 | 89.3 | 32.8 | 716 | 602 | 1220 | 1381 | 1946 | 2714 | 2608 | 1536 | 849 | 291 |
| 20 | 83.8 | 35.7 | 734 | 596 | 1232 | 1407 | 1972 | 2715 | 2554 | 1515 | 829 | 273 |
| 21 | 77.1 | 36.7 | 778 | 580 | 1232 | 1419 | 1990 | 2715 | 2502 | 1511 | 810 | 253 |
| 22 | 70.9 | 126 | 798 | 574 | 1224 | 1451 | 2012 | 2715 | 2455 | 1482 | 797 | 237 |
| 23 | 62.0 | 171 | 804 | 561 | 1220 | 1488 | 2044 | 2725 | 2413 | 1465 | 774 | 231 |
| 24 | 54.8 | 196 | 831 | 546 | 1208 | 1500 | 2116 | 2769 | 2367 | 1437 | 755 | 227 |
| 25 | 52.6 | 212 | 827 | 534 | 1196 | 1513 | 2233 | 2788 | 2322 | 1413 | 736 | 221 |
| 26 | 47.3 | 226 | 824 | 531 | 1184 | 1542 | 2266 | 2797 | 2281 | 1388 | 718 | 214 |
| 27 | 42.5 | 233 | 821 | 534 | 1196 | 1576 | 2307 | 2807 | 2229 | 1362 | 703 | 210 |
| 28 | 38.1 | 236 | 811 | 525 | 1208 | 1610 | 2366 | 2802 | 2182 | 1337 | 685 | 204 |
| 29 | 33.3 | 286 | 798 | 517 | ----- | 1648 | 2426 | 2821 | 2136 | 1312 | 667 | 198 |
| 30 | 28.0 | 328 | 795 | 487 | ----- | 1691 | 2482 | 2821 | 2086 | 1287 | 650 | 191 |
| 31 | 22.7 | ----- | 778 | 493 | ----- | 1722 | ----- | 2826 | ----- | 1266 | 630 | ----- |
| Max | 210 | 328 | 831 | 775 | 1232 | 1722 | 2482 | 2922 | 2894 | 2036 | 1250 | 607 |
| Min | 22.7 | 0 | 349 | 487 | 458 | 1114 | 1744 | 2534 | 2086 | 1266 | 630 | 191 |
| Change | -191 | 305 | 450 | -285 | 715 | 514 | 760 | 344 | -740 | -820 | -636 | -439 |
| Wtr Year 2015 | Mean | 1174 | Max | 2922 | Min | 0 Inst | Max | 2932 | | | | |
| Cal Year 2014 | Mean | 1440 | Max | 4634 | Min | 0 Inst | Max | 4635 | | | | |

El Dorado Irrigation District

USDAY V107 Output 02/21/2017

Summary Report

Site: A1 Lake Al oha
 USGS #: 11434900
 Beginning Date: 10/01/2015
 Ending Date: 09/30/2016

Daily Midnight Storage Volume in Acre feet Water Year Oct 2015 to Sep 2016

09/30/2015 191

| Day | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|------|-------|------|------|-------|------|----------|------|-------|------|-------|-------|
| 1 | 196 | 92.8 | 434 | 1084 | 2147 | 2246 | 3041 | 2588 | 2702 | 3274 | 2966 | 410 |
| 2 | 191 | 128 | 432 | 1077 | 2175 | 2251 | 3087 | 2483 | 2746 | 3325 | 2859 | 407 |
| 3 | 186 | 151 | 448 | 1069 | 2175 | 2260 | 3138 | 2413 | 2794 | 3371 | 2763 | 397 |
| 4 | 184 | 170 | 459 | 1065 | 2189 | 2347 | 3189 | 2340 | 2871 | 3402 | 2694 | 391 |
| 5 | 177 | 184 | 454 | 1104 | 2189 | 2467 | 3246 | 2295 | 2993 | 3438 | 2577 | 381 |
| 6 | 172 | 199 | 445 | 1116 | 2189 | 2567 | 3307 | 2258 | 3028 | 3453 | 2486 | 371 |
| 7 | 167 | 207 | 451 | 1108 | 2180 | 2572 | 3368 | 2187 | 3115 | 3464 | 2388 | 358 |
| 8 | 162 | 216 | 457 | 1104 | 2180 | 2586 | 3440 | 2206 | 3181 | 3495 | 2302 | 346 |
| 9 | 159 | 234 | 454 | 1108 | 2180 | 2620 | 3539 | 2290 | 3191 | 3526 | 2204 | 334 |
| 10 | 151 | 256 | 597 | 1096 | 2180 | 2650 | 3581 | 2340 | 3228 | 3542 | 2125 | 319 |
| 11 | 147 | 281 | 652 | 1093 | 2175 | 2660 | 3645 | 2354 | 3217 | 3548 | 2021 | 300 |
| 12 | 142 | 300 | 666 | 1093 | 2175 | 2704 | 3710 | 2409 | 3192 | 3537 | 1937 | 286 |
| 13 | 136 | 314 | 729 | 1121 | 2171 | 2744 | 3769 | 2555 | 3181 | 3516 | 1841 | 281 |
| 14 | 131 | 323 | 739 | 1149 | 2171 | 2787 | 3822 | 2667 | 3130 | 3500 | 1748 | 268 |
| 15 | 125 | 379 | 745 | 1182 | 2175 | 2830 | 3833 | 2696 | 3130 | 3485 | 1661 | 258 |
| 16 | 120 | 395 | 748 | 1210 | 2189 | 2869 | 3843 | 2706 | 2989 | 3464 | 1567 | 244 |
| 17 | 134 | 400 | 745 | 1222 | 2203 | 2864 | 3870 | 2746 | 2920 | 3433 | 1471 | 237 |
| 18 | 131 | 405 | 745 | 1238 | 2284 | 2864 | 3907 | 2799 | 2881 | 3413 | 1403 | 233 |
| 19 | 127 | 413 | 773 | 1295 | 2288 | 2869 | 3923 | 2818 | 2848 | 3372 | 1297 | 229 |
| 20 | 124 | 415 | 799 | 1296 | 2270 | 2888 | 3891 | 2856 | 2852 | 3351 | 1208 | 225 |
| 21 | 121 | 421 | 882 | 1304 | 2270 | 2976 | 3822 | 2761 | 2852 | 3326 | 1118 | 224 |
| 22 | 118 | 423 | 1026 | 1342 | 2270 | 2991 | 3817 | 2628 | 2945 | 3295 | 1036 | 221 |
| 23 | 114 | 418 | 1045 | 1371 | 2265 | 3001 | 3699 | 2526 | 2964 | 3265 | 951 | 217 |
| 24 | 110 | 453 | 1096 | 1371 | 2251 | 3001 | 3577 | 2432 | 2989 | 3234 | 850 | 214 |
| 25 | 103 | 459 | 1096 | 1371 | 2265 | 3006 | 3436 | 2368 | 3004 | 3203 | 762 | 208 |
| 26 | 99.5 | 456 | 1100 | 1363 | 2265 | 3011 | 3282 | 2341 | 3029 | 3172 | 668 | 206 |
| 27 | 96.1 | 454 | 1096 | 1359 | 2256 | 3021 | 3164 | 2345 | 3054 | 3147 | 552 | 202 |
| 28 | 95.0 | 454 | 1096 | 1350 | 2256 | 3041 | 3032 | 2377 | 3095 | 3116 | 442 | 196 |
| 29 | 93.3 | 445 | 1092 | 1707 | 2251 | 3041 | 2865 | 2428 | 3166 | 3091 | 371 | 186 |
| 30 | 88.3 | 440 | 1088 | 1949 | ----- | 3041 | 2730 | 2479 | 3213 | 3060 | 394 | 177 |
| 31 | 81.6 | ----- | 1088 | 2092 | ----- | 3036 | ----- | 2565 | ----- | 3020 | 407 | ----- |
| Max | 196 | 459 | 1100 | 2092 | 2288 | 3041 | 3923 | 2856 | 3228 | 3548 | 2966 | 410 |
| Min | 81.6 | 92.8 | 432 | 1065 | 2147 | 2246 | 2730 | 2187 | 2702 | 3020 | 371 | 177 |
| Change | -109 | 358 | 648 | 1004 | 159 | 785 | -306 | -165 | 648 | -193 | -2613 | -230 |
| Wtr Year 2016 | Mean | 1805 | Max | 3923 | Min | 81.6 | Inst Max | 3939 | | | | |
| Cal Year 2015 | Mean | 1202 | Max | 2922 | Min | 81.6 | Inst Max | 2932 | | | | |

El Dorado Irrigation District

USDAY V107 Output 02/21/2017

Summary Report

Site: A3 EID Echo Lake Near Phillips
 USGS #: 10336608
 Beginning Date: 10/01/2011
 Ending Date: 09/30/2012

Daily Midnight Storage Volume in Acre feet Water Year Oct 2011 to Sep 2012

09/30/2011 809

| Day | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|------|-------|------|------|-------|------|----------|------|-------|------|------|-------|
| 1 | 744 | 94.2 | 31.6 | 31.7 | 31.8 | 31.8 | 31.9 | 574 | 1853 | 1946 | 1760 | 1558 |
| 2 | 679 | 97.4 | 31.6 | 31.7 | 31.8 | 31.8 | 31.9 | 631 | 1886 | 1930 | 1767 | 1551 |
| 3 | 663 | 53.4 | 31.6 | 31.7 | 31.8 | 31.8 | 31.9 | 696 | 1913 | 1936 | 1757 | 1564 |
| 4 | 555 | 31.6 | 31.7 | 31.7 | 31.8 | 31.8 | 31.9 | 735 | 1866 | 1943 | 1764 | 1528 |
| 5 | 650 | 31.6 | 31.7 | 31.7 | 31.8 | 31.8 | 31.9 | 812 | 1893 | 1930 | 1757 | 1488 |
| 6 | 589 | 31.6 | 31.7 | 31.7 | 31.8 | 31.8 | 31.9 | 842 | 1890 | 1933 | 1750 | 1451 |
| 7 | 536 | 31.6 | 31.7 | 31.7 | 31.8 | 31.8 | 31.9 | 890 | 1853 | 1923 | 1744 | 1418 |
| 8 | 488 | 31.6 | 31.7 | 31.7 | 31.8 | 31.8 | 31.9 | 984 | 1883 | 1933 | 1724 | 1378 |
| 9 | 438 | 31.6 | 31.7 | 31.7 | 31.8 | 31.9 | 31.9 | 1039 | 1810 | 1886 | 1730 | 1335 |
| 10 | 457 | 31.6 | 31.7 | 31.7 | 31.8 | 31.9 | 31.9 | 1165 | 1803 | 1933 | 1717 | 1276 |
| 11 | 523 | 31.6 | 31.7 | 31.7 | 31.8 | 31.9 | 31.9 | 1198 | 1873 | 1903 | 1724 | 1227 |
| 12 | 555 | 31.6 | 31.7 | 31.7 | 31.8 | 31.9 | 31.9 | 1322 | 1870 | 1876 | 1720 | 1178 |
| 13 | 539 | 31.6 | 31.7 | 31.7 | 31.8 | 31.9 | 31.9 | 1342 | 1890 | 1857 | 1714 | 1123 |
| 14 | 510 | 31.6 | 31.7 | 31.7 | 31.8 | 31.9 | 31.9 | 1488 | 1903 | 1900 | 1727 | 1075 |
| 15 | 498 | 31.6 | 31.7 | 31.7 | 31.8 | 31.9 | 31.9 | 1528 | 1843 | 1870 | 1710 | 1013 |
| 16 | 473 | 31.6 | 31.7 | 31.7 | 31.8 | 31.9 | 31.9 | 1611 | 1876 | 1863 | 1704 | 945 |
| 17 | 438 | 31.6 | 31.7 | 31.7 | 31.8 | 31.9 | 31.9 | 1604 | 1840 | 1857 | 1707 | 897 |
| 18 | 406 | 31.6 | 31.7 | 31.7 | 31.8 | 31.9 | 31.9 | 1624 | 1900 | 1843 | 1700 | 848 |
| 19 | 337 | 31.6 | 31.7 | 31.7 | 31.8 | 31.9 | 287 | 1574 | 1950 | 1820 | 1687 | 812 |
| 20 | 258 | 31.6 | 31.7 | 31.7 | 31.8 | 31.9 | 340 | 1574 | 1959 | 1847 | 1661 | 751 |
| 21 | 305 | 31.6 | 31.7 | 31.8 | 31.8 | 31.9 | 391 | 1641 | 1950 | 1837 | 1677 | 692 |
| 22 | 230 | 31.6 | 31.7 | 31.8 | 31.8 | 31.9 | 448 | 1720 | 1943 | 1827 | 1654 | 625 |
| 23 | 170 | 31.6 | 31.7 | 31.8 | 31.8 | 31.9 | 473 | 1730 | 1943 | 1847 | 1674 | 571 |
| 24 | 145 | 31.6 | 31.7 | 31.8 | 31.8 | 31.9 | 473 | 1724 | 1936 | 1840 | 1654 | 511 |
| 25 | 135 | 31.6 | 31.7 | 31.8 | 31.8 | 31.9 | 479 | 1787 | 1936 | 1800 | 1651 | 451 |
| 26 | 123 | 31.6 | 31.7 | 31.8 | 31.8 | 31.9 | 584 | 1800 | 1936 | 1803 | 1661 | 391 |
| 27 | 110 | 31.6 | 31.7 | 31.8 | 31.8 | 31.9 | 539 | 1790 | 1910 | 1820 | 1608 | 350 |
| 28 | 104 | 31.6 | 31.7 | 31.8 | 31.8 | 31.9 | 463 | 1737 | 1916 | 1820 | 1588 | 284 |
| 29 | 104 | 31.6 | 31.7 | 31.8 | 31.8 | 31.9 | 479 | 1783 | 1946 | 1793 | 1588 | 243 |
| 30 | 97.4 | 31.6 | 31.7 | 31.8 | ----- | 31.9 | 524 | 1800 | 1940 | 1787 | 1584 | 205 |
| 31 | 101 | ----- | 31.7 | 31.8 | ----- | 31.9 | ----- | 1823 | ----- | 1773 | 1571 | ----- |
| Max | 744 | 97.4 | 31.7 | 31.8 | 31.8 | 31.9 | 584 | 1823 | 1959 | 1946 | 1767 | 1564 |
| Min | 97.4 | 31.6 | 31.6 | 31.7 | 31.8 | 31.8 | 31.9 | 574 | 1803 | 1773 | 1571 | 205 |
| Change | -708 | -69.4 | .10 | .10 | 0 | .10 | 492 | 1299 | 117 | -167 | -202 | -1366 |
| Wtr Year 2012 | Mean | 715 | Max | 1959 | Min | 31.6 | Inst Max | 1979 | | | | |
| Cal Year 2011 | Mean | 643 | Max | 2041 | Min | 31.6 | Inst Max | 2074 | | | | |

El Dorado Irrigation District

USDAY V107 Output 02/21/2017

Summary Report

Site: A3 EID Echo Lake Near Phillips
 USGS #: 10336608
 Beginning Date: 10/01/2012
 Ending Date: 09/30/2013

Daily Midnight Storage Volume in Acre feet Water Year Oct 2012 to Sep 2013

09/30/2012 205

| Day | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|------|-------|-----|------|-------|--------|-------|------|-------|------|------|-------|
| 1 | 167 | 59.9 | 284 | | 41.4 | 0 | 183 | 1016 | 1896 | 1920 | 1588 | 1421 |
| 2 | 114 | 59.9 | 448 | | 35.1 | 3.20 | 177 | 1091 | 1923 | 1916 | 1598 | 1421 |
| 3 | 69.3 | 59.9 | 403 | | 32.0 | 22.4 | 171 | 1169 | 1910 | 1910 | 1581 | 1392 |
| 4 | 0 | 53.7 | 378 | | 32.0 | 28.8 | 199 | 1250 | 1890 | 1893 | 1588 | 1368 |
| 5 | 215 | 56.8 | 416 | | 28.8 | 78.8 | 218 | 1325 | 1903 | 1850 | 1574 | 1405 |
| 6 | 196 | 56.8 | | | 6.40 | 94.6 | 221 | 1438 | 1936 | 1860 | 1538 | 1322 |
| 7 | 180 | 110 | | | 22.4 | 101 | 208 | 1491 | 1956 | 1883 | 1534 | 1335 |
| 8 | 171 | 91.5 | | | 28.8 | 91.5 | 211 | 1554 | 1979 | 1850 | 1534 | 1352 |
| 9 | 133 | 75.6 | | 47.6 | 32.0 | 82.0 | 199 | 1621 | 1976 | 1843 | 1538 | 1332 |
| 10 | 114 | 78.8 | | 50.7 | 32.0 | 59.9 | 180 | 1720 | 1973 | 1830 | 1491 | 1289 |
| 11 | 88.3 | 75.6 | | 47.6 | 0 | 47.6 | 183 | 1830 | 1870 | 1813 | 1514 | 1312 |
| 12 | 91.5 | 72.5 | | 19.2 | 0 | 38.2 | 199 | 1940 | 1910 | 1800 | 1495 | 1296 |
| 13 | 78.8 | 69.3 | | 12.8 | 0 | 75.6 | 221 | 1983 | 1913 | 1800 | 1478 | 1224 |
| 14 | 63.0 | 66.2 | | 6.40 | 0 | 107 | 246 | 1940 | 1920 | 1783 | 1501 | 1208 |
| 15 | 59.9 | 66.2 | | 0 | 0 | 126 | 255 | 1886 | 1913 | 1757 | 1475 | 1127 |
| 16 | 47.6 | 63.0 | | 0 | 0 | 142 | 262 | 1896 | 1926 | 1757 | 1461 | 1065 |
| 17 | 50.7 | 123 | | 3.20 | 0 | 142 | 240 | 1903 | 1903 | 1740 | 1468 | 1062 |
| 18 | 53.7 | 139 | | 3.20 | 0 | 142 | 233 | 1866 | 1913 | 1727 | 1461 | 1026 |
| 19 | 41.4 | 155 | | 0 | 0 | 152 | 227 | 1840 | 1936 | 1710 | 1465 | 991 |
| 20 | 0 | 123 | | 0 | 3.20 | 193 | 233 | 1827 | 1933 | 1677 | 1485 | 919 |
| 21 | 32.0 | 158 | | 0 | 0 | 177 | 246 | 1803 | 1923 | 1664 | 1471 | 913 |
| 22 | 101 | 171 | | 0 | 3.20 | 164 | 287 | 1876 | 1920 | 1661 | 1451 | 851 |
| 23 | 78.8 | 139 | | 9.60 | 9.60 | 148 | 340 | 1910 | 1900 | 1651 | 1431 | 790 |
| 24 | 88.3 | 117 | | 25.6 | 0 | 133 | 397 | 1933 | 1950 | 1631 | 1465 | 754 |
| 25 | 72.5 | 139 | | 63.0 | 0 | 139 | 460 | 1943 | 1976 | 1641 | 1431 | 670 |
| 26 | 69.3 | 123 | | 88.3 | 0 | 123 | 524 | 1940 | 1999 | 1641 | 1445 | 593 |
| 27 | 63.0 | 148 | | 94.6 | 0 | 123 | 603 | 1966 | 1930 | 1641 | 1438 | 527 |
| 28 | 63.0 | 221 | | 88.3 | 0 | 139 | 735 | 1973 | 1916 | 1631 | 1428 | 479 |
| 29 | 53.7 | 180 | | 78.8 | ----- | 142 | 864 | 1890 | 1923 | 1608 | 1415 | 539 |
| 30 | 66.2 | 252 | | 66.2 | ----- | 155 | 942 | 1837 | 1923 | 1618 | 1418 | 388 |
| 31 | 59.9 | ----- | | 56.8 | ----- | 174 | ----- | 1847 | ----- | 1591 | 1421 | ----- |
| Max | 215 | 252 | 448 | 94.6 | 41.4 | 193 | 942 | 1983 | 1999 | 1920 | 1598 | 1421 |
| Min | 0 | 53.7 | 284 | 0 | 0 | 0 | 171 | 1016 | 1870 | 1591 | 1415 | 388 |
| Change | -145 | 192 | | | -56.8 | 174 | 768 | 905 | 76.0 | -332 | -170 | -1033 |
| Wtr Year 2013 | Mean | 801 | Max | 1999 | Min | 0 Inst | Max | 2039 | | | | |
| Cal Year 2012 | Mean | 751 | Max | 1959 | Min | 0 Inst | Max | 1979 | | | | |

El Dorado Irrigation District

USDAY V107 Output 02/21/2017

Summary Report

Site: A3 EID Echo Lake Near Phillips
 USGS #: 10336608
 Beginning Date: 10/01/2013
 Ending Date: 09/30/2014

Daily Midnight Storage Volume in Acre feet Water Year Oct 2013 to Sep 2014

09/30/2013 388

| Day | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|------|-------|------|------|-------|--------|-------|------|-------|------|------|-------|
| 1 | 429 | 69.3 | 0 | 59.9 | 230 | 486 | 511 | 1146 | 1963 | 1946 | 1837 | 1674 |
| 2 | 413 | 82.0 | 56.8 | 66.2 | 218 | 479 | 498 | 1227 | 1933 | 1950 | 1833 | 1661 |
| 3 | 290 | 50.7 | 35.1 | 72.5 | 205 | 482 | 486 | 1339 | 1992 | 1933 | 1823 | 1628 |
| 4 | 328 | 47.6 | 35.1 | 66.2 | 186 | 482 | 473 | 1428 | 2002 | 1933 | 1840 | 1578 |
| 5 | 293 | 47.6 | 35.1 | 69.3 | 183 | 460 | 473 | 1461 | 2035 | 1920 | 1837 | 1528 |
| 6 | 243 | 35.1 | 59.9 | 66.2 | 180 | 520 | 464 | 1491 | 2022 | 1913 | 1833 | 1478 |
| 7 | 296 | 50.7 | 59.9 | 63.0 | 196 | 530 | 476 | 1514 | 2019 | 1923 | 1830 | 1421 |
| 8 | 271 | 25.6 | 56.8 | 63.0 | 340 | 517 | 508 | 1501 | 1996 | 1906 | 1827 | 1375 |
| 9 | 255 | 3.20 | 59.9 | 56.8 | 520 | 539 | 549 | 1571 | 1979 | 1906 | 1813 | 1319 |
| 10 | 243 | 0 | 53.7 | 72.5 | 546 | 514 | 609 | 1644 | 2009 | 1903 | 1817 | 1269 |
| 11 | 221 | 32.0 | 50.7 | 66.2 | 530 | 508 | 654 | 1641 | 2019 | 1896 | 1823 | 1214 |
| 12 | 189 | 0 | 56.8 | 82.0 | 511 | 489 | 676 | 1664 | 1989 | 1903 | 1803 | 1162 |
| 13 | 202 | 0 | 47.6 | 85.1 | 501 | 489 | 680 | 1700 | 2006 | 1893 | 1803 | 1123 |
| 14 | 193 | 9.60 | 53.7 | 78.8 | 486 | 486 | 699 | 1740 | 2022 | 1883 | 1780 | 1039 |
| 15 | 196 | 0 | 56.8 | 78.8 | 473 | 479 | 686 | 1787 | 1999 | 1890 | 1783 | 1036 |
| 16 | 174 | 6.40 | 50.7 | 75.6 | 479 | 476 | 702 | 1813 | 1983 | 1893 | 1777 | 994 |
| 17 | 161 | 0 | 53.7 | 82.0 | 479 | 492 | 725 | 1807 | 1963 | 1876 | 1787 | 952 |
| 18 | 161 | 63.0 | 56.8 | 78.8 | 467 | 498 | 796 | 1820 | 1969 | 1883 | 1764 | 890 |
| 19 | 155 | 38.2 | 50.7 | 78.8 | 457 | 501 | 910 | 1800 | 1953 | 1876 | 1757 | 874 |
| 20 | 148 | 44.5 | 59.9 | 78.8 | 451 | 505 | 952 | 1807 | 1963 | 1880 | 1754 | 819 |
| 21 | 142 | 44.5 | 56.8 | 82.0 | 448 | 508 | 961 | 1757 | 1950 | 1890 | 1734 | 780 |
| 22 | 139 | 63.0 | 69.3 | 75.6 | 438 | 511 | 955 | 1793 | 1953 | 1880 | 1734 | 744 |
| 23 | 133 | 28.8 | 66.2 | 75.6 | 438 | 498 | 949 | 1840 | 1963 | 1886 | 1727 | 702 |
| 24 | 126 | 32.0 | 69.3 | 78.8 | 438 | 505 | 809 | 1913 | 1943 | 1876 | 1724 | 686 |
| 25 | 123 | 28.8 | 69.3 | 75.6 | 438 | 524 | 997 | 1973 | 1966 | 1873 | 1717 | 660 |
| 26 | 120 | 25.6 | 72.5 | 75.6 | 454 | 539 | 1033 | 1893 | 1956 | 1860 | 1714 | 660 |
| 27 | 120 | 16.0 | 66.2 | 75.6 | 476 | 539 | 1026 | 1989 | 1940 | 1857 | 1707 | 660 |
| 28 | 114 | 0 | 59.9 | 75.6 | 482 | 543 | 1059 | 1969 | 1946 | 1850 | 1704 | 631 |
| 29 | 97.8 | 0 | 63.0 | 180 | ----- | 549 | 1078 | 1913 | 1943 | 1850 | 1694 | 609 |
| 30 | 85.1 | 0 | 72.5 | 243 | ----- | 514 | 1117 | 1963 | 1946 | 1850 | 1704 | 584 |
| 31 | 78.8 | ----- | 75.6 | 243 | ----- | 536 | ----- | 1973 | ----- | 1843 | 1681 | ----- |
| Max | 429 | 82.0 | 75.6 | 243 | 546 | 549 | 1117 | 1989 | 2035 | 1950 | 1840 | 1674 |
| Min | 78.8 | 0 | 0 | 56.8 | 180 | 460 | 464 | 1146 | 1933 | 1843 | 1681 | 584 |
| Change | -309 | -78.8 | 75.6 | 167 | 239 | 54.0 | 581 | 856 | -27.0 | -103 | -162 | -1097 |
| Wtr Year 2014 | Mean | 872 | Max | 2035 | Min | 0 Inst | Max | 2065 | | | | |
| Cal Year 2013 | Mean | 745 | Max | 1999 | Min | 0 Inst | Max | 2039 | | | | |

El Dorado Irrigation District

USDAY V107 Output 02/21/2017

Summary Report

Site: A3 EID Echo Lake Near Phillips
 USGS #: 10336608
 Beginning Date: 10/01/2014
 Ending Date: 09/30/2015

Daily Midnight Storage Volume in Acre feet Water Year Oct 2014 to Sep 2015

09/30/2014 584

| Day | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|------|-------|-----|-------|-------|------|----------|------|-------|------|------|-------|
| 1 | 552 | 186 | 114 | 97.8 | 82.0 | 208 | 634 | 1269 | 2025 | 1910 | 1800 | 1578 |
| 2 | 549 | 186 | 114 | 94.6 | 85.1 | 199 | 637 | 1315 | 2019 | 1900 | 1797 | 1564 |
| 3 | 520 | 186 | 145 | 91.5 | 85.1 | 196 | 644 | 1355 | 2012 | 1896 | 1793 | 1554 |
| 4 | 489 | 183 | 199 | 88.3 | 75.6 | 189 | 657 | 1388 | 2016 | 1893 | 1783 | 1548 |
| 5 | 457 | 196 | 189 | 88.3 | 152 | 183 | 657 | 1421 | 2012 | 1886 | 1773 | 1541 |
| 6 | 410 | 164 | 218 | 85.1 | 139 | 180 | 650 | 1451 | 2019 | 1886 | 1770 | 1538 |
| 7 | 381 | 148 | 193 | 85.1 | 268 | 183 | 657 | 1504 | 2022 | 1880 | 1767 | 1534 |
| 8 | 372 | 126 | 177 | 85.1 | 514 | 186 | 702 | 1531 | 2022 | 1880 | 1757 | 1528 |
| 9 | 350 | 104 | 167 | 85.1 | 514 | 189 | 705 | 1581 | 2032 | 1876 | 1750 | 1485 |
| 10 | 328 | 104 | 205 | 85.1 | 410 | 199 | 712 | 1628 | 2025 | 1880 | 1744 | 1445 |
| 11 | 306 | 117 | 161 | 85.1 | 328 | 211 | 709 | 1644 | 2009 | 1876 | 1740 | 1382 |
| 12 | 277 | 133 | 161 | 85.1 | 277 | 218 | 715 | 1661 | 2006 | 1876 | 1734 | 1349 |
| 13 | 265 | 120 | 152 | 85.1 | 252 | 221 | 728 | 1671 | 2006 | 1870 | 1727 | 1319 |
| 14 | 265 | 129 | 139 | 88.3 | 237 | 271 | 741 | 1700 | 2006 | 1863 | 1720 | 1247 |
| 15 | 299 | 97.8 | 155 | 85.1 | 221 | 262 | 738 | 1727 | 2009 | 1863 | 1710 | 1198 |
| 16 | 280 | 110 | 133 | 82.0 | 215 | 252 | 751 | 1744 | 1999 | 1860 | 1700 | 1152 |
| 17 | 265 | 97.8 | 110 | 85.1 | 205 | 290 | 754 | 1764 | 1983 | 1853 | 1691 | 1084 |
| 18 | 246 | 85.1 | 110 | 85.1 | 196 | 309 | 764 | 1787 | 1979 | 1850 | 1684 | 1039 |
| 19 | 230 | 94.6 | 152 | 88.3 | 196 | 337 | 783 | 1807 | 1969 | 1847 | 1677 | 987 |
| 20 | 284 | 88.3 | 145 | 91.5 | 205 | 369 | 796 | 1827 | 1963 | 1840 | 1674 | 939 |
| 21 | 274 | 75.6 | 158 | 91.5 | 202 | 369 | 832 | 1863 | 1956 | 1833 | 1671 | 874 |
| 22 | 265 | 183 | 139 | 97.8 | 208 | 375 | 854 | 1900 | 1950 | 1827 | 1667 | 812 |
| 23 | 243 | 199 | 133 | 91.5 | 202 | 407 | 861 | 1930 | 1936 | 1823 | 1661 | 774 |
| 24 | 237 | 189 | 155 | 88.3 | 196 | 460 | 903 | 1969 | 1930 | 1820 | 1657 | 715 |
| 25 | 233 | 171 | 148 | 88.3 | 189 | 482 | 1007 | 2002 | 1926 | 1820 | 1651 | 670 |
| 26 | 230 | 148 | 133 | 88.3 | 180 | 495 | 1026 | 2032 | 1926 | 1817 | 1644 | 599 |
| 27 | 211 | 139 | 133 | 94.6 | 167 | 514 | 1075 | 2042 | 1923 | 1817 | 1637 | 565 |
| 28 | 202 | 133 | 123 | 94.6 | 208 | 533 | 1140 | 2042 | 1920 | 1813 | 1628 | 543 |
| 29 | 189 | 133 | 126 | 88.3 | ----- | 561 | 1182 | 2032 | 1913 | 1810 | 1618 | 511 |
| 30 | 186 | 107 | 101 | 82.0 | ----- | 599 | 1237 | 2032 | 1913 | 1807 | 1604 | 460 |
| 31 | 186 | ----- | 107 | 85.1 | ----- | 612 | ----- | 2025 | ----- | 1803 | 1594 | ----- |
| Max | 552 | 199 | 218 | 97.8 | 514 | 612 | 1237 | 2042 | 2032 | 1910 | 1800 | 1578 |
| Min | 186 | 75.6 | 101 | 82.0 | 75.6 | 180 | 634 | 1269 | 1913 | 1803 | 1594 | 460 |
| Change | -398 | -79.0 | 0 | -21.9 | 123 | 404 | 625 | 788 | -112 | -110 | -209 | -1134 |
| Wtr Year 2015 | Mean | 873 | Max | 2042 | Min | 75.6 | Inst Max | 2075 | | | | |
| Cal Year 2014 | Mean | 899 | Max | 2035 | Min | 56.8 | Inst Max | 2065 | | | | |

El Dorado Irrigation District

USDAY V107 Output 02/21/2017

Summary Report

Site: A3 EID Echo Lake Near Phillips
 USGS #: 10336608
 Beginning Date: 10/01/2015
 Ending Date: 09/30/2016

Daily Midnight Storage Volume in Acre feet Water Year Oct 2015 to Sep 2016

09/30/2015 460

| Day | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|------|-------|------|------|-------|------|-------|------|-------|-------|------|-------|
| 1 | 416 | 117 | 25.6 | 66.2 | 337 | 145 | 189 | 211 | 1661 | 1915* | 1860 | 1637 |
| 2 | 384 | 123 | 32.0 | 66.2 | 230 | 167 | 215 | 180 | 1730 | 1911* | 1853 | 1647 |
| 3 | 347 | 72.5 | 59.9 | 56.8 | 227 | 133 | 193 | 199 | 1837 | 1908* | 1853 | 1564 |
| 4 | 299 | 75.6 | 38.2 | 53.7 | 177 | 208 | 208 | 249 | 1896 | 1905* | 1833 | 1591 |
| 5 | 277 | 56.8 | 101 | 72.5 | 139 | 296 | 233 | 290 | 1969 | 1890 | 1803 | 1594 |
| 6 | 265 | 47.6 | 50.7 | 94.6 | 152 | 312 | 252 | 318 | 2016 | 1893 | 1805 | 1584 |
| 7 | 252 | 38.2 | 63.0 | 66.2 | 145 | 284 | 259 | 315 | 2035 | 1896 | 1800 | 1574 |
| 8 | 243 | 47.6 | 56.8 | 72.5 | 110 | 237 | 287 | 309 | 1979 | 1886 | 1795 | 1514 |
| 9 | 233 | 66.2 | 75.6 | 59.9 | 110 | 224 | 306 | 369 | 2029 | 1860 | 1790 | 1465 |
| 10 | 221 | 41.4 | 114 | 59.9 | 104 | 196 | 309 | 407 | 1936 | 1900 | 1786 | 1435 |
| 11 | 218 | 38.2 | 101 | 82.0 | 114 | 233 | 293 | 505 | 1920 | 1890 | 1781 | 1395 |
| 12 | 218 | 32.0 | 104 | 72.5 | 104 | 227 | 328 | 593 | 1936 | 1913 | 1776 | 1349 |
| 13 | 215 | 38.2 | 136 | 85.1 | 152 | 237 | 306 | 728 | 1903 | 1910 | 1771 | 1282 |
| 14 | 202 | 69.3 | 148 | 85.1 | 114 | 215 | 287 | 893 | 1999 | 1906 | 1767 | 1234 |
| 15 | 193 | 47.6 | 126 | 97.8 | 129 | 174 | 262 | 984 | 1833 | 1906 | 1762 | 1188 |
| 16 | 189 | 28.8 | 123 | 117 | 142 | 174 | 230 | 1046 | 1853 | 1936 | 1757 | 1136 |
| 17 | 186 | 35.1 | 101 | 104 | 180 | 148 | 208 | 1084 | 1833 | 1827 | 1752 | 1104 |
| 18 | 183 | 38.2 | 101 | 101 | 180 | 155 | 215 | 1110 | 1833 | 1817 | 1748 | 1042 |
| 19 | 174 | 28.8 | 85.1 | 145 | 183 | 152 | 243 | 1169 | 1843 | 1873 | 1743 | 1013 |
| 20 | 167 | 22.4 | 120 | 129 | 148 | 164 | 268 | 1165 | 1876 | 1870 | 1738 | 926 |
| 21 | 164 | 25.6 | 227 | 120 | 133 | 268 | 293 | 1185 | 1873 | 1876 | 1733 | 897 |
| 22 | 158 | 56.8 | 268 | 167 | 126 | 218 | 343 | 1149 | 1883 | 1860 | 1720 | 838 |
| 23 | 155 | 56.8 | 202 | 133 | 104 | 205 | 302 | 1123 | 1946 | 1896 | 1730 | 790 |
| 24 | 152 | 59.9 | 193 | 142 | 120 | 199 | 271 | 1133 | 1973 | 1873 | 1727 | 715 |
| 25 | 142 | 66.2 | 167 | 101 | 139 | 186 | 240 | 1165 | 1896 | 1863 | 1714 | 644 |
| 26 | 136 | 50.7 | 158 | 94.6 | 123 | 177 | 211 | 1195 | 1906 | 1860 | 1697 | 558 |
| 27 | 129 | 35.1 | 126 | 123 | 136 | 189 | 243 | 1208 | 1880 | 1866 | 1710 | 473 |
| 28 | 123 | 32.0 | 136 | 94.6 | 145 | 161 | 189 | 1253 | 1906 | 1857 | 1684 | 416 |
| 29 | 120 | 47.6 | 91.5 | 233 | 148 | 199 | 199 | 1329 | 1910 | 1860 | 1664 | 397 |
| 30 | 117 | 59.9 | 82.0 | 454 | ----- | 171 | 227 | 1405 | 1926 | 1853 | 1661 | 359 |
| 31 | 114 | ----- | 94.6 | 400 | ----- | 205 | ----- | 1498 | ----- | 1843 | 1664 | ----- |
| Max | 416 | 123 | 268 | 454 | 337 | 312 | 343 | 1498 | 2035 | 1936 | 1860 | 1647 |
| Min | 114 | 22.4 | 25.6 | 53.7 | 104 | 133 | 189 | 180 | 1661 | 1817 | 1661 | 359 |
| Change | -346 | -54.1 | 34.7 | 305 | -252 | 57.0 | 22.0 | 1271 | 428 | -83.0 | -179 | -1305 |
| Wtr Year 2016 | Mean | 717 | Max | 2035 | Min | 22.4 | Inst | Max | 2045 | | | |
| Cal Year 2015 | Mean | 854 | Max | 2042 | Min | 22.4 | Inst | Max | 2075 | | | |

El Dorado Irrigation District

USDAY V107 Output 02/21/2017

Summary Report

Site: A5 EID Caples Lake Near Kirkwood
 USGS #: 11436950
 Beginning Date: 10/01/2011
 Ending Date: 09/30/2012

Daily Midnight Storage Volume in Acre feet Water Year Oct 2011 to Sep 2012

09/30/2011 19166

| Day | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 19043 | 18926 | 18326 | 11945 | 10845 | 10667 | 11204 | 15073 | 18558 | 19043 | 18703 | 15637 |
| 2 | 18955 | 18902 | 18256 | 11752 | 10812 | 10667 | 11209 | 15309 | 18692 | 19049 | 18686 | 15583 |
| 3 | 18902 | 18902 | 18198 | 11652 | 10784 | 10657 | 11223 | 15497 | 18814 | 19049 | 18663 | 15540 |
| 4 | 18896 | 18890 | 18095 | 11594 | 10760 | 10657 | 11261 | 15637 | 18990 | 19037 | 18668 | 15497 |
| 5 | 18990 | 18861 | 18049 | 11547 | 10737 | 10653 | 11271 | 15729 | 19060 | 19049 | 18645 | 15475 |
| 6 | 18984 | 18861 | 17951 | 11551 | 10690 | 10676 | 11266 | 15843 | 19102 | 19043 | 18587 | 15454 |
| 7 | 18967 | 18826 | 17836 | 11599 | 10657 | 10695 | 11261 | 15947 | 19137 | 19037 | 18482 | 15438 |
| 8 | 18949 | 18814 | 17698 | 11590 | 10625 | 10671 | 11257 | 16079 | 19160 | 19031 | 18378 | 15421 |
| 9 | 18931 | 18791 | 17533 | 11561 | 10606 | 10671 | 11257 | 16279 | 19184 | 19014 | 18285 | 15394 |
| 10 | 19014 | 18762 | 17385 | 11542 | 10601 | 10685 | 11261 | 16507 | 19190 | 19014 | 18181 | 15362 |
| 11 | 19119 | 18756 | 17215 | 11504 | 10601 | 10667 | 11295 | 16714 | 19202 | 19002 | 18060 | 15298 |
| 12 | 19143 | 18733 | 17040 | 11461 | 10592 | 10676 | 11342 | 16927 | 19219 | 19002 | 17939 | 15239 |
| 13 | 19160 | 18715 | 16837 | 11399 | 10620 | 10685 | 11366 | 17158 | 19249 | 18996 | 17830 | 15175 |
| 14 | 19160 | 18698 | 16635 | 11328 | 10601 | 10695 | 11356 | 17408 | 19278 | 18984 | 17750 | 15111 |
| 15 | 19160 | 18680 | 16407 | 11247 | 10639 | 10709 | 11356 | 17647 | 19314 | 18978 | 17636 | 15079 |
| 16 | 19172 | 18657 | 16140 | 11190 | 10634 | 10859 | 11375 | 17784 | 19332 | 18967 | 17522 | 15057 |
| 17 | 19166 | 18634 | 15881 | 11090 | 10634 | 10906 | 11404 | 17727 | 19349 | 18931 | 17413 | 15036 |
| 18 | 19160 | 18610 | 15626 | 10967 | 10629 | 10925 | 11437 | 17607 | 19367 | 18914 | 17294 | 15015 |
| 19 | 19155 | 18593 | 15389 | 10939 | 10615 | 10934 | 11475 | 17504 | 19367 | 18920 | 17181 | 14988 |
| 20 | 19143 | 18587 | 15073 | 10972 | 10620 | 10944 | 11518 | 17425 | 19355 | 18885 | 17062 | 14961 |
| 21 | 19137 | 18558 | 14807 | 11081 | 10620 | 10944 | 11834 | 17493 | 19326 | 18873 | 16938 | 14929 |
| 22 | 19119 | 18540 | 14527 | 11067 | 10606 | 10977 | 12167 | 17670 | 19302 | 18867 | 16815 | 14898 |
| 23 | 19102 | 18511 | 14254 | 11081 | 10611 | 10996 | 12529 | 17807 | 19266 | 18861 | 16686 | 14866 |
| 24 | 19084 | 18482 | 13975 | 11043 | 10587 | 10996 | 12930 | 17905 | 19249 | 18844 | 16557 | 14818 |
| 25 | 19078 | 18471 | 13702 | 11000 | 10606 | 11015 | 13330 | 17979 | 19190 | 18832 | 16423 | 14770 |
| 26 | 19043 | 18442 | 13441 | 10991 | 10606 | 11024 | 13887 | 18037 | 19149 | 18803 | 16290 | 14728 |
| 27 | 19025 | 18424 | 13157 | 10967 | 10625 | 11052 | 14109 | 18077 | 19107 | 18797 | 16162 | 14686 |
| 28 | 19014 | 18395 | 12890 | 10939 | 10611 | 11090 | 14307 | 18118 | 19078 | 18779 | 16019 | 14638 |
| 29 | 18996 | 18366 | 12651 | 10906 | 10662 | 11090 | 14527 | 18187 | 19055 | 18762 | 15898 | 14585 |
| 30 | 18978 | 18384 | 12440 | 10882 | ----- | 11119 | 14781 | 18279 | 19037 | 18744 | 15772 | 14543 |
| 31 | 18961 | ----- | 12177 | 10859 | ----- | 11176 | ----- | 18407 | ----- | 18727 | 15680 | ----- |
| Max | 19172 | 18926 | 18326 | 11945 | 10845 | 11176 | 14781 | 18407 | 19367 | 19049 | 18703 | 15637 |
| Min | 18896 | 18366 | 12177 | 10859 | 10587 | 10653 | 11204 | 15073 | 18558 | 18727 | 15680 | 14543 |
| Change | -205 | -577 | -6207 | -1318 | -197 | 514 | 3605 | 3626 | 630 | -310 | -3047 | -1137 |
| Wtr Year 2012 | Mean | 15519 | Max | 19367 | Min | 10587 | Inst | 18407 | 19385 | | | |
| Cal Year 2011 | Mean | 17946 | Max | 22466 | Min | 12177 | Inst | 15073 | 22466 | | | |

El Dorado Irrigation District

USDAY V107 Output 02/21/2017

Summary Report

Site: A5 EID Caples Lake Near Kirkwood
 USGS #: 11436950
 Beginning Date: 10/01/2012
 Ending Date: 09/30/2013

Daily Midnight Storage Volume in Acre feet Water Year Oct 2012 to Sep 2013

09/30/2012 14543

| Day | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|
| 1 | 14522 | 14130 | 14244 | 15073 | 15036 | 14559 | 14983 | 18855 | 22084 | 21897 | 18803 | 16035 |
| 2 | 14506 | 14114 | 14506 | 15068 | 15036 | 14522 | 15020 | 19031 | 22177 | 21903 | 18703 | 15986 |
| 3 | 14485 | 14099 | 14559 | 15068 | 15031 | 14511 | 15068 | 19266 | 22196 | 21916 | 18604 | 15920 |
| 4 | 14464 | 14088 | 14575 | 15057 | 15031 | 14475 | 15175 | 19480 | 22159 | 21909 | 18511 | 15865 |
| 5 | 14448 | 14068 | 14823 | 15052 | 15031 | 14422 | 15260 | 19677 | 22115 | 21878 | 18413 | 15794 |
| 6 | 14427 | 14057 | 14929 | 15073 | 15025 | 14459 | 15330 | 19911 | 22096 | 21822 | 18308 | 15740 |
| 7 | 14406 | 14032 | 14961 | 15057 | 15031 | 14433 | 15384 | 20073 | 22071 | 21748 | 18216 | 15686 |
| 8 | 14391 | 14073 | 14983 | 15052 | 15031 | 14406 | 15464 | 20236 | 22053 | 21686 | 18118 | 15626 |
| 9 | 14370 | 14078 | 15004 | 15073 | 15025 | 14370 | 15502 | 20411 | 22028 | 21599 | 18020 | 15572 |
| 10 | 14349 | 14063 | 15009 | 15073 | 15020 | 14322 | 15540 | 20630 | 22028 | 21513 | 17922 | 15518 |
| 11 | 14338 | 14021 | 15004 | 15079 | 15004 | 14333 | 15632 | 20916 | 22090 | 21408 | 17824 | 15464 |
| 12 | 14328 | 14006 | 15068 | 15068 | 14993 | 14333 | 15740 | 21247 | 22159 | 21315 | 17721 | 15411 |
| 13 | 14317 | 13990 | 15063 | 15073 | 14988 | 14354 | 15881 | 21611 | 22252 | 21217 | 17630 | 15357 |
| 14 | 14291 | 13980 | 15020 | 15052 | 14972 | 14380 | 16024 | 21717 | 22227 | 21125 | 17527 | 15303 |
| 15 | 14280 | 13970 | 14967 | 15052 | 14961 | 14412 | 16162 | 21661 | 22165 | 21033 | 17425 | 15234 |
| 16 | 14270 | 13964 | 14940 | 15047 | 14951 | 14443 | 16257 | 21593 | 22090 | 20959 | 17334 | 15180 |
| 17 | 14244 | 14006 | 14929 | 15031 | 14940 | 14469 | 16312 | 21568 | 22028 | 20886 | 17243 | 15116 |
| 18 | 14223 | 14052 | 14919 | 15025 | 14919 | 14490 | 16362 | 21587 | 21940 | 20770 | 17147 | 15063 |
| 19 | 14213 | 14032 | 14919 | 15020 | 14940 | 14522 | 16423 | 21618 | 21847 | 20660 | 17057 | 15004 |
| 20 | 14187 | 14011 | 14913 | 15015 | 14935 | 14575 | 16512 | 21636 | 21760 | 20545 | 16978 | 14929 |
| 21 | 14166 | 14047 | 14898 | 15009 | 14924 | 14590 | 16658 | 21748 | 21686 | 20442 | 16882 | 14935 |
| 22 | 14213 | 14052 | 15004 | 14993 | 14866 | 14606 | 16854 | 21872 | 21642 | 20302 | 16781 | 14887 |
| 23 | 14234 | 14047 | 15089 | 15004 | 14818 | 14622 | 17034 | 21947 | 21599 | 20151 | 16686 | 14829 |
| 24 | 14218 | 14042 | 15100 | 15009 | 14776 | 14643 | 17198 | 21996 | 21599 | 19989 | 16591 | 14776 |
| 25 | 14197 | 14037 | 15111 | 15020 | 14728 | 14675 | 17362 | 22046 | 21661 | 19839 | 16479 | 14717 |
| 26 | 14197 | 14026 | 15116 | 15025 | 14691 | 14691 | 17561 | 22102 | 21735 | 19677 | 16395 | 14659 |
| 27 | 14187 | 14011 | 15084 | 15041 | 14643 | 14717 | 17807 | 22196 | 21791 | 19522 | 16323 | 14601 |
| 28 | 14171 | 14052 | 15084 | 15041 | 14596 | 14760 | 18060 | 22221 | 21835 | 19355 | 16268 | 14533 |
| 29 | 14161 | 14037 | 15089 | 15047 | ----- | 14791 | 18355 | 22227 | 21866 | 19196 | 16201 | 14490 |
| 30 | 14145 | 14213 | 15084 | 15036 | ----- | 14844 | 18645 | 22090 | 21884 | 19031 | 16140 | 14480 |
| 31 | 14130 | ----- | 15084 | 15036 | ----- | 14924 | ----- | 22034 | ----- | 18896 | 16085 | ----- |
| Max | 14522 | 14213 | 15116 | 15079 | 15036 | 14924 | 18645 | 22227 | 22252 | 21916 | 18803 | 16035 |
| Min | 14130 | 13964 | 14244 | 14993 | 14596 | 14322 | 14983 | 18855 | 21599 | 18896 | 16085 | 14480 |
| Change | -413 | 83.0 | 871 | -48.0 | -440 | 328 | 3721 | 3389 | -150 | -2988 | -2811 | -1605 |
| Wtr Year 2013 | Mean | 16727 | Max | 22252 | Min | 13964 | Inst Max | 22271 | | | | |
| Cal Year 2012 | Mean | 14665 | Max | 19367 | Min | 10587 | Inst Max | 19385 | | | | |

El Dorado Irrigation District

USDAY V107 Output 02/21/2017

Summary Report

Site: A5 EID Caples Lake Near Kirkwood
 USGS #: 11436950
 Beginning Date: 10/01/2013
 Ending Date: 09/30/2014

Daily Midnight Storage Volume in Acre feet Water Year Oct 2013 to Sep 2014

09/30/2013 14480

| Day | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|
| 1 | 14454 | 13815 | 13253 | 12785 | 12335 | 12696 | 13137 | 15615 | 20357 | 21291 | 20339 | 17170 |
| 2 | 14427 | 13800 | 13233 | 12768 | 12306 | 12691 | 13142 | 15772 | 20460 | 21272 | 20266 | 17068 |
| 3 | 14406 | 13779 | 13243 | 12748 | 12296 | 12715 | 13132 | 15964 | 20575 | 21260 | 20200 | 16966 |
| 4 | 14364 | 13753 | 13228 | 12723 | 12281 | 12720 | 13132 | 16179 | 20678 | 21235 | 20133 | 16865 |
| 5 | 14333 | 13728 | 13203 | 12699 | 12274 | 12730 | 13117 | 16334 | 20788 | 21211 | 20031 | 16758 |
| 6 | 14301 | 13707 | 13188 | 12679 | 12284 | 12775 | 13122 | 16457 | 20916 | 21186 | 19935 | 16658 |
| 7 | 14286 | 13682 | 13193 | 12655 | 12309 | 12780 | 13132 | 16697 | 21020 | 21168 | 19833 | 16557 |
| 8 | 14265 | 13671 | 13198 | 12635 | 12421 | 12785 | 13167 | 16742 | 21125 | 21143 | 19725 | 16462 |
| 9 | 14260 | 13646 | 13183 | 12611 | 12563 | 12775 | 13223 | 16871 | 21229 | 21112 | 19611 | 16362 |
| 10 | 14228 | 13630 | 13167 | 12596 | 12578 | 12805 | 13289 | 16978 | 21321 | 21088 | 19504 | 16262 |
| 11 | 14208 | 13610 | 13147 | 12581 | 12587 | 12800 | 13380 | 17051 | 21395 | 21063 | 19403 | 16162 |
| 12 | 14187 | 13595 | 13132 | 12572 | 12587 | 12795 | 13487 | 17153 | 21445 | 21033 | 19302 | 16079 |
| 13 | 14171 | 13569 | 13117 | 12547 | 12587 | 12795 | 13589 | 17277 | 21494 | 21008 | 19184 | 15975 |
| 14 | 14151 | 13554 | 13097 | 12528 | 12583 | 12795 | 13682 | 17459 | 21519 | 20984 | 19072 | 15898 |
| 15 | 14119 | 13528 | 13082 | 12503 | 12592 | 12800 | 13805 | 17693 | 21537 | 20959 | 18961 | 15859 |
| 16 | 14099 | 13513 | 13061 | 12484 | 12602 | 12810 | 13933 | 17922 | 21556 | 20941 | 18849 | 15821 |
| 17 | 14078 | 13492 | 13046 | 12469 | 12602 | 12825 | 14099 | 18118 | 21556 | 20929 | 18744 | 15778 |
| 18 | 14057 | 13477 | 13031 | 12445 | 12592 | 12835 | 14286 | 18279 | 21550 | 20898 | 18634 | 15724 |
| 19 | 14037 | 13472 | 13011 | 12431 | 12587 | 12850 | 14469 | 18413 | 21550 | 20861 | 18523 | 15642 |
| 20 | 14021 | 13497 | 13001 | 12411 | 12583 | 12860 | 14638 | 18569 | 21513 | 20904 | 18424 | 15588 |
| 21 | 13995 | 13472 | 12981 | 12387 | 12578 | 12875 | 14749 | 18686 | 21475 | 20874 | 18308 | 15540 |
| 22 | 13975 | 13431 | 12966 | 12363 | 12573 | 12885 | 14882 | 18803 | 21432 | 20843 | 18193 | 15497 |
| 23 | 13959 | 13406 | 12946 | 12333 | 12568 | 12905 | 14956 | 18937 | 21395 | 20800 | 18100 | 15475 |
| 24 | 13939 | 13385 | 12930 | 12299 | 12568 | 12925 | 15036 | 19125 | 21371 | 20770 | 17991 | 15438 |
| 25 | 13918 | 13365 | 12910 | 12275 | 12563 | 12961 | 15180 | 19361 | 21352 | 20733 | 17888 | 15432 |
| 26 | 13897 | 13340 | 12890 | 12246 | 12612 | 12991 | 15228 | 19576 | 21340 | 20697 | 17784 | 15438 |
| 27 | 13877 | 13330 | 12875 | 12227 | 12637 | 13011 | 15266 | 19773 | 21346 | 20660 | 17681 | 15432 |
| 28 | 13897 | 13309 | 12860 | 12217 | 12686 | 13021 | 15319 | 19923 | 21327 | 20593 | 17584 | 15421 |
| 29 | 13877 | 13289 | 12835 | 12281 | ----- | 13071 | 15378 | 20043 | 21321 | 20527 | 17482 | 15400 |
| 30 | 13856 | 13274 | 12815 | 12339 | ----- | 13087 | 15481 | 20139 | 21309 | 20472 | 17379 | 15384 |
| 31 | 13841 | ----- | 12805 | 12335 | ----- | 13127 | ----- | 20248 | ----- | 20411 | 17271 | ----- |
| Max | 14454 | 13815 | 13253 | 12785 | 12686 | 13127 | 15481 | 20248 | 21556 | 21291 | 20339 | 17170 |
| Min | 13841 | 13274 | 12805 | 12217 | 12274 | 12691 | 13117 | 15615 | 20357 | 20411 | 17271 | 15384 |
| Change | -639 | -567 | -469 | -470 | 351 | 441 | 2354 | 4767 | 1061 | -898 | -3140 | -1887 |
| Wtr Year 2014 | Mean | 15653 | Max | 21556 | Min | 12217 | Inst Max | 21562 | | | | |
| Cal Year 2013 | Mean | 16510 | Max | 22252 | Min | 12805 | Inst Max | 22271 | | | | |

El Dorado Irrigation District

USDAY V107 Output 02/21/2017

Summary Report

Site: A5 EID Caples Lake Near Kirkwood
 USGS #: 11436950
 Beginning Date: 10/01/2014
 Ending Date: 09/30/2015

Daily Midnight Storage Volume in Acre feet Water Year Oct 2014 to Sep 2015

09/30/2014 15384

| Day | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|
| 1 | 15349 | 14762 | 14437 | 14597 | 14452 | 15908 | 17300 | 18628 | 21131 | 21327 | 20266 | 17000 |
| 2 | 15319 | 14741 | 14469 | 14587 | 14447 | 15931 | 17345 | 18750 | 21198 | 21284 | 20230 | 16854 |
| 3 | 15294 | 14721 | 14554 | 14588 | 14443 | 15937 | 17379 | 18867 | 21254 | 21229 | 20194 | 16714 |
| 4 | 15265 | 14705 | 14575 | 14578 | 14454 | 15948 | 17408 | 18967 | 21309 | 21223 | 20145 | 16563 |
| 5 | 15235 | 14690 | 14576 | 14567 | 14433 | 15960 | 17453 | 19066 | 21358 | 21180 | 20103 | 16407 |
| 6 | 15210 | 14680 | 14576 | 14563 | 14502 | 15966 | 17465 | 19160 | 21414 | 21143 | 20067 | 16257 |
| 7 | 15181 | 14664 | 14566 | 14563 | 14629 | 15977 | 17544 | 19261 | 21488 | 21125 | 20037 | 16102 |
| 8 | 15151 | 14649 | 14556 | 14563 | 14931 | 15989 | 17561 | 19332 | 21550 | 21118 | 20001 | 15953 |
| 9 | 15127 | 14633 | 14551 | 14553 | 15139 | 16006 | 17573 | 19421 | 21599 | 21106 | 19953 | 15805 |
| 10 | 15097 | 14623 | 14546 | 14554 | 15199 | 16017 | 17590 | 19504 | 21698 | 21088 | 19839 | 15664 |
| 11 | 15073 | 14608 | 14552 | 14549 | 15237 | 16056 | 17613 | 19570 | 21742 | 21063 | 19731 | 15518 |
| 12 | 15038 | 14587 | 14594 | 14544 | 15291 | 16073 | 17641 | 19623 | 21773 | 21039 | 19617 | 15378 |
| 13 | 15013 | 14609 | 14584 | 14534 | 15355 | 16096 | 17670 | 19665 | 21779 | 21014 | 19474 | 15239 |
| 14 | 14993 | 14593 | 14574 | 14529 | 15415 | 16135 | 17721 | 19707 | 21773 | 20990 | 19332 | 15095 |
| 15 | 14983 | 14583 | 14564 | 14519 | 15469 | 16213 | 17704 | 19773 | 21773 | 20947 | 19207 | 14913 |
| 16 | 14968 | 14552 | 14575 | 14514 | 15513 | 16285 | 17727 | 19803 | 21748 | 20916 | 19084 | 14797 |
| 17 | 14947 | 14536 | 14570 | 14504 | 15556 | 16363 | 17739 | 19845 | 21748 | 20861 | 18955 | 14786 |
| 18 | 14931 | 14521 | 14560 | 14510 | 15600 | 16436 | 17773 | 19893 | 21735 | 20831 | 18826 | 14765 |
| 19 | 14916 | 14506 | 14587 | 14505 | 15649 | 16492 | 17813 | 19935 | 21729 | 20788 | 18703 | 14749 |
| 20 | 14890 | 14496 | 14613 | 14500 | 15687 | 16543 | 17853 | 19965 | 21711 | 20752 | 18575 | 14728 |
| 21 | 14890 | 14480 | 14614 | 14495 | 15725 | 16594 | 17882 | 20043 | 21686 | 20739 | 18447 | 14712 |
| 22 | 14869 | 14523 | 14625 | 14485 | 15742 | 16656 | 17933 | 20115 | 21667 | 20709 | 18326 | 14691 |
| 23 | 14848 | 14502 | 14631 | 14475 | 15775 | 16729 | 17968 | 20200 | 21649 | 20672 | 18193 | 14664 |
| 24 | 14812 | 14487 | 14652 | 14475 | 15786 | 16769 | 18002 | 20296 | 21630 | 20642 | 18072 | 14627 |
| 25 | 14828 | 14477 | 14652 | 14465 | 15803 | 16808 | 18123 | 20405 | 21599 | 20612 | 17945 | 14596 |
| 26 | 14818 | 14451 | 14642 | 14466 | 15820 | 16854 | 18175 | 20508 | 21562 | 20575 | 17819 | 14548 |
| 27 | 14802 | 14441 | 14637 | 14477 | 15853 | 16921 | 18233 | 20624 | 21513 | 20533 | 17693 | 14522 |
| 28 | 14787 | 14425 | 14622 | 14472 | 15897 | 16995 | 18326 | 20721 | 21475 | 20466 | 17550 | 14496 |
| 29 | 14771 | 14441 | 14622 | 14472 | ----- | 17074 | 18430 | 20831 | 21426 | 20405 | 17402 | 14469 |
| 30 | 14751 | 14431 | 14597 | 14467 | ----- | 17164 | 18523 | 20935 | 21371 | 20339 | 17271 | 14454 |
| 31 | 14751 | ----- | 14602 | 14462 | ----- | 17243 | ----- | 21033 | ----- | 20296 | 17136 | ----- |
| Max | 15349 | 14762 | 14652 | 14597 | 15897 | 17243 | 18523 | 21033 | 21779 | 21327 | 20266 | 17000 |
| Min | 14751 | 14425 | 14437 | 14462 | 14433 | 15908 | 17300 | 18628 | 21131 | 20296 | 17136 | 14454 |
| Change | -633 | -320 | 171 | -140 | 1435 | 1346 | 1280 | 2510 | 338 | -1075 | -3160 | -2682 |
| Wtr Year 2015 | Mean | 17067 | Max | 21779 | Min | 14425 | Inst Max | 21791 | | | | |
| Cal Year 2014 | Mean | 15943 | Max | 21556 | Min | 12217 | Inst Max | 21562 | | | | |

El Dorado Irrigation District

USDAY V107 Output 02/21/2017

Summary Report

Site: A5 EID Caples Lake Near Kirkwood
 USGS #: 11436950
 Beginning Date: 10/01/2015
 Ending Date: 09/30/2016

Daily Midnight Storage Volume in Acre feet Water Year Oct 2015 to Sep 2016

09/30/2015 14454

| Day | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 14469 | 13933 | 13861 | 14218 | 14823 | 14701 | 13784 | 14870 | 19923 | 22259 | 18482 | 16440 |
| 2 | 14448 | 14021 | 13851 | 14197 | 14823 | 14649 | 13784 | 14853 | 20164 | 22246 | 18418 | 16334 |
| 3 | 14438 | 13995 | 13872 | 14197 | 14839 | 14633 | 13810 | 14879 | 20290 | 22227 | 18366 | 16223 |
| 4 | 14417 | 14094 | 13856 | 14202 | 14844 | 14696 | 13866 | 14952 | 20454 | 22190 | 18331 | 16107 |
| 5 | 14396 | 14083 | 13825 | 14223 | 14855 | 14829 | 13918 | 15052 | 20618 | 22171 | 18291 | 15997 |
| 6 | 14375 | 14057 | 13830 | 14239 | 14850 | 14913 | 13990 | 15147 | 20819 | 22159 | 18256 | 15886 |
| 7 | 14359 | 14037 | 13815 | 14244 | 14860 | 14924 | 14094 | 15221 | 21069 | 22121 | 18227 | 15783 |
| 8 | 14343 | 14057 | 13810 | 14239 | 14844 | 14945 | 14223 | 15290 | 21217 | 22059 | 18193 | 15669 |
| 9 | 14328 | 14068 | 13810 | 14234 | 14860 | 14797 | 14401 | 15498 | 21241 | 21959 | 18147 | 15561 |
| 10 | 14301 | 14057 | 13882 | 14228 | 14813 | 14802 | 14485 | 15773 | 21272 | 21897 | 18106 | 15475 |
| 11 | 14286 | 14037 | 13908 | 14223 | 14797 | 14791 | 14554 | 16068 | 21235 | 21810 | 18072 | 15384 |
| 12 | 14265 | 14021 | 13897 | 14218 | 14776 | 14765 | 14638 | 16455 | 21161 | 21723 | 18025 | 15293 |
| 13 | 14249 | 14006 | 13959 | 14244 | 14765 | 14813 | 14733 | 16941 | 21161 | 21624 | 17985 | 15244 |
| 14 | 14234 | 13990 | 13949 | 14291 | 14749 | 14712 | 14786 | 17409 | 21229 | 21506 | 17945 | 15180 |
| 15 | 14218 | 14026 | 13949 | 14312 | 14738 | 14543 | 14754 | 17768 | 21297 | 21383 | 17893 | 15105 |
| 16 | 14197 | 14006 | 13939 | 14349 | 14738 | 14469 | 14723 | 18072 | 21334 | 21247 | 17830 | 15052 |
| 17 | 14228 | 13990 | 13928 | 14354 | 14781 | 14469 | 14696 | 18395 | 21377 | 21112 | 17756 | 15020 |
| 18 | 14213 | 13975 | 13923 | 14359 | 14829 | 14438 | 14733 | 18756 | 21426 | 20978 | 17698 | 14983 |
| 19 | 14197 | 13970 | 13975 | 14401 | 14807 | 14412 | 14818 | 18972 | 21494 | 20819 | 17618 | 14945 |
| 20 | 14177 | 13959 | 13980 | 14396 | 14791 | 14380 | 14935 | 18896 | 21611 | 20685 | 17544 | 14935 |
| 21 | 14151 | 13944 | 14114 | 14385 | 14760 | 14391 | 15057 | 18668 | 21723 | 20520 | 17476 | 14919 |
| 22 | 14135 | 13933 | 14151 | 14443 | 14754 | 14349 | 15217 | 18389 | 21816 | 20363 | 17419 | 14898 |
| 23 | 14114 | 13918 | 14171 | 14469 | 14744 | 14275 | 15228 | 18106 | 21866 | 20206 | 17351 | 14876 |
| 24 | 14094 | 13970 | 14234 | 14469 | 14728 | 14213 | 15223 | 17939 | 21909 | 20043 | 17266 | 14855 |
| 25 | 14073 | 13954 | 14244 | 14475 | 14717 | 14151 | 15185 | 18014 | 21959 | 19863 | 17192 | 14834 |
| 26 | 14057 | 13939 | 14228 | 14469 | 14717 | 14088 | 15127 | 18100 | 22015 | 19647 | 17113 | 14813 |
| 27 | 14037 | 13923 | 14228 | 14459 | 14717 | 14047 | 15100 | 18274 | 22071 | 19433 | 17045 | 14791 |
| 28 | 14042 | 13908 | 14234 | 14459 | 14712 | 14021 | 15031 | 18488 | 22134 | 19213 | 16966 | 14749 |
| 29 | 14016 | 13892 | 14254 | 14569 | 14701 | 13975 | 14961 | 18768 | 22199 | 19014 | 16859 | 14664 |
| 30 | 13995 | 13882 | 14228 | 14717 | ----- | 13908 | 14913 | 19078 | 22249 | 18826 | 16714 | 14564 |
| 31 | 13964 | ----- | 14228 | 14786 | ----- | 13846 | ----- | 19456 | ----- | 18628 | 16574 | ----- |
| Max | 14469 | 14094 | 14254 | 14786 | 14860 | 14945 | 15228 | 19456 | 22249 | 22259 | 18482 | 16440 |
| Min | 13964 | 13882 | 13810 | 14197 | 14701 | 13846 | 13784 | 14853 | 19923 | 18628 | 16574 | 14564 |
| Change | -490 | -82.0 | 346 | 558 | -85.0 | -855 | 1067 | 4543 | 2793 | -3621 | -2054 | -2010 |
| Wtr Year 2016 | Mean | 16084 | Max | 22259 | Min | 13784 | Inst | Max | 22259 | | | |
| Cal Year 2015 | Mean | 16904 | Max | 21779 | Min | 13810 | Inst | Max | 21791 | | | |

El Dorado Irrigation District

USDAY V107 Output 02/21/2017

Summary Report

Site: A8 EID Silver Lake Near Kirkwood
 USGS #: 11435900
 Beginning Date: 10/01/2011
 Ending Date: 09/30/2012

Daily Midnight Storage Volume in Acre feet Water Year Oct 2011 to Sep 2012

09/30/2011 4019

| Day | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|-------|-------|------|------|-------|------|----------|------|-------|-------|------|-------|
| 1 | 3867 | 2138 | 1459 | 804 | 900 | 735 | 2063 | 5763 | 8565 | 7858 | 6659 | 5694 |
| 2 | 3792 | 2083 | 1444 | 787 | 894 | 741 | 2112 | 5974 | 8600 | 7818 | 6631 | 5662 |
| 3 | 3764 | 2047 | 1396 | 763 | 877 | 741 | 2177 | 6201 | 8615 | 7784 | 6594 | 5631 |
| 4 | 3764 | 2012 | 1384 | 743 | 866 | 760 | 2258 | 6392 | 8675 | 7745 | 6575 | 5603 |
| 5 | 3811 | 1977 | 1357 | 716 | 852 | 782 | 2304 | 6575 | 8645 | 7701 | 6542 | 5576 |
| 6 | 3788 | 1939 | 1334 | 699 | 827 | 787 | 2337 | 6735 | 8610 | 7662 | 6509 | 5558 |
| 7 | 3788 | 1901 | 1319 | 691 | 801 | 824 | 2364 | 6887 | 8605 | 7623 | 6481 | 5531 |
| 8 | 3776 | 1867 | 1304 | 658 | 779 | 830 | 2405 | 7092 | 8610 | 7584 | 6443 | 5513 |
| 9 | 3764 | 1851 | 1281 | 631 | 754 | 855 | 2462 | 7366 | 8610 | 7550 | 6411 | 5481 |
| 10 | 3823 | 1820 | 1266 | 609 | 735 | 886 | 2527 | 7633 | 8590 | 7506 | 6373 | 5450 |
| 11 | 3903 | 1808 | 1248 | 590 | 721 | 917 | 2608 | 7862 | 8580 | 7463 | 6345 | 5432 |
| 12 | 3895 | 1786 | 1231 | 579 | 710 | 917 | 2674 | 8054 | 8560 | 7429 | 6317 | 5396 |
| 13 | 3875 | 1770 | 1207 | 560 | 708 | 957 | 2730 | 8227 | 8550 | 7385 | 6317 | 5369 |
| 14 | 3863 | 1755 | 1190 | 543 | 697 | 982 | 2762 | 8371 | 8525 | 7342 | 6285 | 5343 |
| 15 | 3811 | 1739 | 1175 | 524 | 683 | 1047 | 2797 | 8386 | 8505 | 7303 | 6252 | 5272 |
| 16 | 3737 | 1714 | 1158 | 506 | 661 | 1225 | 2872 | 8371 | 8466 | 7260 | 6224 | 5161 |
| 17 | 3670 | 1699 | 1140 | 484 | 644 | 1310 | 3015 | 8312 | 8441 | 7217 | 6191 | 5056 |
| 18 | 3593 | 1686 | 1120 | 466 | 631 | 1363 | 3195 | 8272 | 8396 | 7183 | 6154 | 4951 |
| 19 | 3500 | 1671 | 1117 | 460 | 617 | 1387 | 3458 | 8262 | 8366 | 7135 | 6122 | 4855 |
| 20 | 3385 | 1653 | 1085 | 620 | 606 | 1417 | 3923 | 8267 | 8327 | 7097 | 6089 | 4764 |
| 21 | 3273 | 1631 | 1070 | 877 | 620 | 1480 | 4433 | 8342 | 8282 | 7063 | 6052 | 4674 |
| 22 | 3169 | 1619 | 1053 | 903 | 623 | 1544 | 4816 | 8446 | 8232 | 7025 | 6020 | 4580 |
| 23 | 3062 | 1592 | 1013 | 937 | 631 | 1607 | 5056 | 8500 | 8193 | 6996 | 5992 | 4487 |
| 24 | 2950 | 1577 | 993 | 931 | 642 | 1662 | 5294 | 8500 | 8138 | 6953 | 5955 | 4400 |
| 25 | 2840 | 1556 | 968 | 934 | 658 | 1699 | 5365 | 8495 | 8089 | 6920 | 5923 | 4309 |
| 26 | 2720 | 1528 | 945 | 937 | 669 | 1730 | 5744 | 8485 | 8049 | 6882 | 5886 | 4218 |
| 27 | 2615 | 1516 | 914 | 937 | 686 | 1770 | 5558 | 8466 | 8010 | 6849 | 5850 | 4140 |
| 28 | 2506 | 1507 | 897 | 937 | 691 | 1808 | 5441 | 8461 | 7971 | 6811 | 5822 | 4055 |
| 29 | 2405 | 1483 | 866 | 928 | 719 | 1833 | 5405 | 8456 | 7931 | 6778 | 5795 | 3971 |
| 30 | 2300 | 1468 | 855 | 925 | ----- | 1870 | 5513 | 8476 | 7892 | 6735 | 5758 | 3911 |
| 31 | 2199 | ----- | 827 | 923 | ----- | 2002 | ----- | 8505 | ----- | 6702 | 5722 | ----- |
| Max | 3903 | 2138 | 1459 | 937 | 900 | 2002 | 5744 | 8505 | 8675 | 7858 | 6659 | 5694 |
| Min | 2199 | 1468 | 827 | 460 | 606 | 735 | 2063 | 5763 | 7892 | 6702 | 5722 | 3911 |
| Change | -1820 | -731 | -641 | 96.0 | -204 | 1283 | 3511 | 2992 | -613 | -1190 | -980 | -1811 |
| Wtr Year 2012 | Mean | 3941 | Max | 8675 | Min | 460 | Inst Max | 8680 | | | | |
| Cal Year 2011 | Mean | 4642 | Max | 8585 | Min | 827 | Inst Max | 8605 | | | | |

El Dorado Irrigation District

USDAY V107 Output 02/21/2017

Summary Report

Site: A8 EID Silver Lake Near Kirkwood
 USGS #: 11435900
 Beginning Date: 10/01/2012
 Ending Date: 09/30/2013

Daily Midnight Storage Volume in Acre feet Water Year Oct 2012 to Sep 2013

09/30/2012 3911

| Day | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|------|-------|------|------|-------|------|----------|------|-------|-------|-------|-------|
| 1 | 3891 | 3470 | 4140 | 3725 | 2850 | 2337 | 4035 | 7236 | 8620 | 7961 | 6674 | 5667 |
| 2 | 3871 | 3458 | 4704 | 3655 | 2865 | 2331 | 4039 | 7419 | 8635 | 7916 | 6636 | 5640 |
| 3 | 3851 | 3443 | 4458 | 3604 | 2879 | 2344 | 4055 | 7643 | 8640 | 7882 | 6594 | 5608 |
| 4 | 3827 | 3427 | 4284 | 3589 | 2879 | 2337 | 4197 | 7843 | 8635 | 7843 | 6565 | 5590 |
| 5 | 3811 | 3412 | 4479 | 3539 | 2889 | 2337 | 4251 | 7990 | 8640 | 7794 | 6528 | 5558 |
| 6 | 3796 | 3401 | 4400 | 3489 | 2893 | 2347 | 4251 | 8133 | 8655 | 7745 | 6490 | 5531 |
| 7 | 3768 | 3389 | 4255 | 3439 | 2904 | 2337 | 4259 | 8153 | 8635 | 7696 | 6453 | 5504 |
| 8 | 3756 | 3397 | 4156 | 3378 | 2904 | 2334 | 4234 | 8237 | 8620 | 7652 | 6420 | 5472 |
| 9 | 3733 | 3393 | 4087 | 3351 | 2904 | 2310 | 4168 | 8312 | 8595 | 7608 | 6383 | 5450 |
| 10 | 3713 | 3389 | 4035 | 3318 | 2900 | 2291 | 4164 | 8421 | 8565 | 7565 | 6345 | 5427 |
| 11 | 3698 | 3378 | 3999 | 3277 | 2879 | 2297 | 4247 | 8555 | 8535 | 7516 | 6313 | 5400 |
| 12 | 3690 | 3366 | 3999 | 3232 | 2847 | 2344 | 4338 | 8686 | 8500 | 7472 | 6275 | 5378 |
| 13 | 3670 | 3355 | 3971 | 3180 | 2804 | 2418 | 4416 | 8716 | 8466 | 7429 | 6238 | 5356 |
| 14 | 3651 | 3344 | 3955 | 3143 | 2769 | 2520 | 4454 | 8600 | 8426 | 7385 | 6205 | 5334 |
| 15 | 3639 | 3336 | 3939 | 3088 | 2741 | 2622 | 4479 | 8505 | 8386 | 7347 | 6173 | 5312 |
| 16 | 3620 | 3329 | 3931 | 3051 | 2716 | 2713 | 4441 | 8451 | 8342 | 7303 | 6136 | 5258 |
| 17 | 3601 | 3412 | 3955 | 3000 | 2688 | 2790 | 4391 | 8421 | 8297 | 7260 | 6103 | 5197 |
| 18 | 3581 | 3462 | 3955 | 2964 | 2660 | 2850 | 4325 | 8446 | 8252 | 7221 | 6085 | 5131 |
| 19 | 3562 | 3470 | 3943 | 2929 | 2646 | 2925 | 4350 | 8466 | 8213 | 7178 | 6052 | 5065 |
| 20 | 3547 | 3481 | 3931 | 2889 | 2615 | 3037 | 4500 | 8500 | 8168 | 7140 | 6034 | 5003 |
| 21 | 3516 | 3562 | 3895 | 2858 | 2585 | 3103 | 4721 | 8575 | 8123 | 7097 | 6001 | 4986 |
| 22 | 3550 | 3581 | 3919 | 2826 | 2550 | 3154 | 4990 | 8590 | 8084 | 7063 | 5965 | 4929 |
| 23 | 3574 | 3593 | 3943 | 2794 | 2520 | 3199 | 5241 | 8545 | 8040 | 7025 | 5932 | 4873 |
| 24 | 3566 | 3601 | 3967 | 2776 | 2486 | 3243 | 5450 | 8510 | 8049 | 6987 | 5900 | 4803 |
| 25 | 3547 | 3608 | 3955 | 2804 | 2455 | 3318 | 5635 | 8505 | 8133 | 6949 | 5868 | 4721 |
| 26 | 3535 | 3601 | 3939 | 2840 | 2422 | 3366 | 5873 | 8505 | 8123 | 6915 | 5831 | 4644 |
| 27 | 3523 | 3601 | 3943 | 2833 | 2388 | 3435 | 6173 | 8515 | 8099 | 6873 | 5808 | 4571 |
| 28 | 3508 | 3639 | 3927 | 2822 | 2357 | 3539 | 6453 | 8565 | 8069 | 6835 | 5776 | 4508 |
| 29 | 3500 | 3686 | 3883 | 2840 | ----- | 3647 | 6768 | 8575 | 8035 | 6797 | 5749 | 4441 |
| 30 | 3485 | 3967 | 3839 | 2826 | ----- | 3831 | 7068 | 8575 | 8000 | 6754 | 5722 | 4379 |
| 31 | 3473 | ----- | 3792 | 2840 | ----- | 3999 | ----- | 8595 | ----- | 6716 | 5694 | ----- |
| Max | 3891 | 3967 | 4704 | 3725 | 2904 | 3999 | 7068 | 8716 | 8655 | 7961 | 6674 | 5667 |
| Min | 3473 | 3329 | 3792 | 2776 | 2357 | 2291 | 4035 | 7236 | 8000 | 6716 | 5694 | 4379 |
| Change | -438 | 494 | -175 | -952 | -483 | 1642 | 3069 | 1527 | -595 | -1284 | -1022 | -1315 |
| Wtr Year 2013 | Mean | 5013 | Max | 8716 | Min | 2291 | Inst Max | 8736 | | | | |
| Cal Year 2012 | Mean | 4350 | Max | 8675 | Min | 460 | Inst Max | 8680 | | | | |

El Dorado Irrigation District

USDAY V107 Output 02/21/2017

Summary Report

Site: A8 EID Si lver Lake Near Kirkwood
 USGS #: 11435900
 Beginning Date: 10/01/2013
 Ending Date: 09/30/2014

Daily Midnight Storage Volume in Acre feet Water Year Oct 2013 to Sep 2014

09/30/2013 4379

| Day | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|------|-------|-------|------|-------|------|----------|------|-------|-------|-------|-------|
| 1 | 4317 | 3500 | 2950 | 1550 | 1269 | 1641 | 3217 | 7818 | 8711 | 7779 | 6669 | 5676 |
| 2 | 4255 | 3481 | 2936 | 1534 | 1260 | 1650 | 3240 | 8020 | 8726 | 7735 | 6626 | 5644 |
| 3 | 4189 | 3462 | 2929 | 1519 | 1251 | 1665 | 3254 | 8223 | 8736 | 7686 | 6594 | 5617 |
| 4 | 4132 | 3439 | 2914 | 1504 | 1239 | 1674 | 3273 | 8426 | 8731 | 7643 | 6575 | 5585 |
| 5 | 4112 | 3416 | 2889 | 1489 | 1234 | 1702 | 3292 | 8480 | 8731 | 7599 | 6542 | 5558 |
| 6 | 4087 | 3397 | 2858 | 1474 | 1234 | 1817 | 3344 | 8421 | 8736 | 7555 | 6509 | 5535 |
| 7 | 4059 | 3374 | 2826 | 1462 | 1248 | 1886 | 3443 | 8351 | 8721 | 7516 | 6486 | 5495 |
| 8 | 4035 | 3355 | 2769 | 1447 | 1313 | 1926 | 3604 | 8337 | 8701 | 7477 | 6453 | 5477 |
| 9 | 4015 | 3336 | 2702 | 1432 | 1402 | 1967 | 3788 | 8431 | 8680 | 7434 | 6415 | 5450 |
| 10 | 3979 | 3318 | 2643 | 1420 | 1432 | 2015 | 3983 | 8510 | 8660 | 7395 | 6383 | 5423 |
| 11 | 3955 | 3299 | 2585 | 1414 | 1438 | 2047 | 4222 | 8515 | 8625 | 7356 | 6345 | 5396 |
| 12 | 3931 | 3277 | 2527 | 1399 | 1450 | 2070 | 4483 | 8570 | 8590 | 7313 | 6308 | 5369 |
| 13 | 3907 | 3258 | 2469 | 1387 | 1453 | 2093 | 4708 | 8670 | 8555 | 7274 | 6275 | 5343 |
| 14 | 3879 | 3240 | 2415 | 1372 | 1462 | 2115 | 4916 | 8772 | 8520 | 7250 | 6238 | 5320 |
| 15 | 3851 | 3221 | 2361 | 1354 | 1477 | 2160 | 5157 | 8660 | 8476 | 7221 | 6205 | 5289 |
| 16 | 3823 | 3203 | 2310 | 1337 | 1486 | 2235 | 5405 | 8640 | 8431 | 7193 | 6173 | 5267 |
| 17 | 3800 | 3184 | 2261 | 1325 | 1486 | 2310 | 5703 | 8701 | 8386 | 7159 | 6136 | 5241 |
| 18 | 3776 | 3173 | 2216 | 1313 | 1486 | 2378 | 6001 | 8736 | 8342 | 7121 | 6103 | 5161 |
| 19 | 3752 | 3154 | 2173 | 1301 | 1486 | 2432 | 6289 | 8721 | 8297 | 7087 | 6071 | 5052 |
| 20 | 3725 | 3166 | 2122 | 1289 | 1483 | 2496 | 6518 | 8691 | 8252 | 7097 | 6038 | 4955 |
| 21 | 3701 | 3140 | 2073 | 1278 | 1483 | 2564 | 6693 | 8625 | 8208 | 7058 | 6006 | 4855 |
| 22 | 3678 | 3110 | 2025 | 1263 | 1486 | 2632 | 6844 | 8595 | 8163 | 7025 | 5974 | 4769 |
| 23 | 3655 | 3088 | 1970 | 1254 | 1492 | 2702 | 6925 | 8645 | 8109 | 6982 | 5942 | 4708 |
| 24 | 3632 | 3073 | 1908 | 1239 | 1498 | 2787 | 7006 | 8762 | 8069 | 6944 | 5909 | 4648 |
| 25 | 3612 | 3051 | 1845 | 1225 | 1510 | 2872 | 7178 | 8886 | 8025 | 6906 | 5882 | 4601 |
| 26 | 3585 | 3033 | 1786 | 1216 | 1547 | 2954 | 7246 | 8956 | 7985 | 6873 | 5845 | 4550 |
| 27 | 3566 | 3018 | 1727 | 1204 | 1583 | 3000 | 7303 | 8901 | 7946 | 6839 | 5818 | 4508 |
| 28 | 3574 | 3000 | 1671 | 1193 | 1631 | 3029 | 7371 | 8787 | 7897 | 6806 | 5790 | 4466 |
| 29 | 3558 | 2986 | 1610 | 1222 | ----- | 3099 | 7487 | 8701 | 7858 | 6768 | 5763 | 4408 |
| 30 | 3535 | 2968 | 1577 | 1272 | ----- | 3132 | 7633 | 8675 | 7813 | 6744 | 5731 | 4354 |
| 31 | 3523 | ----- | 1565 | 1272 | ----- | 3191 | ----- | 8696 | ----- | 6707 | 5703 | ----- |
| Max | 4317 | 3500 | 2950 | 1550 | 1631 | 3191 | 7633 | 8956 | 8736 | 7779 | 6669 | 5676 |
| Min | 3523 | 2968 | 1565 | 1193 | 1234 | 1641 | 3217 | 7818 | 7813 | 6707 | 5703 | 4354 |
| Change | -856 | -555 | -1403 | -293 | 359 | 1560 | 4442 | 1063 | -883 | -1106 | -1004 | -1349 |
| Wtr Year 2014 | Mean | 4623 | Max | 8956 | Min | 1193 | Inst Max | 8981 | | | | |
| Cal Year 2013 | Mean | 4860 | Max | 8716 | Min | 1565 | Inst Max | 8736 | | | | |

El Dorado Irrigation District

USDAY V107 Output 02/21/2017

Summary Report

Site: A8 EID Si lver Lake Near Kirkwood
 USGS #: 11435900
 Beginning Date: 10/01/2014
 Ending Date: 09/30/2015

Daily Midnight Storage Volume in Acre feet Water Year Oct 2014 to Sep 2015

09/30/2014 4354

| Day | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|------|-------|------|------|-------|------|----------|------|-------|------|-------|-------|
| 1 | 4300 | 3363 | 3007 | 3717 | 3835 | 5978 | 6925 | 8114 | 8741 | 7956 | 7030 | 6001 |
| 2 | 4251 | 3340 | 3073 | 3713 | 3835 | 5974 | 6934 | 8183 | 8716 | 7946 | 7001 | 5969 |
| 3 | 4193 | 3325 | 3247 | 3709 | 3839 | 5960 | 6949 | 8242 | 8696 | 7907 | 6968 | 5937 |
| 4 | 4144 | 3307 | 3333 | 3701 | 3835 | 5951 | 6949 | 8282 | 8680 | 7892 | 6934 | 5905 |
| 5 | 4091 | 3299 | 3359 | 3698 | 3839 | 5942 | 6968 | 8312 | 8655 | 7858 | 6896 | 5873 |
| 6 | 4039 | 3277 | 3378 | 3701 | 3895 | 5937 | 6972 | 8342 | 8650 | 7823 | 6858 | 5840 |
| 7 | 3991 | 3266 | 3385 | 3709 | 4342 | 5937 | 7015 | 8381 | 8635 | 7789 | 6825 | 5813 |
| 8 | 3939 | 3247 | 3385 | 3717 | 5338 | 5937 | 7025 | 8411 | 8610 | 7760 | 6792 | 5781 |
| 9 | 3887 | 3232 | 3381 | 3721 | 5804 | 5937 | 7030 | 8451 | 8585 | 7750 | 6759 | 5754 |
| 10 | 3839 | 3217 | 3374 | 3729 | 5909 | 5942 | 7054 | 8480 | 8680 | 7721 | 6726 | 5726 |
| 11 | 3788 | 3203 | 3389 | 3737 | 5974 | 5951 | 7082 | 8495 | 8701 | 7686 | 6693 | 5703 |
| 12 | 3729 | 3184 | 3424 | 3744 | 6043 | 5969 | 7111 | 8495 | 8686 | 7652 | 6655 | 5676 |
| 13 | 3686 | 3188 | 3424 | 3744 | 6099 | 5983 | 7145 | 8490 | 8655 | 7613 | 6617 | 5653 |
| 14 | 3651 | 3177 | 3420 | 3744 | 6117 | 6025 | 7178 | 8505 | 8625 | 7574 | 6579 | 5640 |
| 15 | 3628 | 3162 | 3420 | 3744 | 6061 | 6089 | 7188 | 8525 | 8585 | 7540 | 6547 | 5608 |
| 16 | 3612 | 3136 | 3431 | 3744 | 5969 | 6173 | 7178 | 8545 | 8545 | 7502 | 6514 | 5472 |
| 17 | 3593 | 3121 | 3431 | 3744 | 5937 | 6247 | 7183 | 8580 | 8505 | 7468 | 6476 | 5250 |
| 18 | 3574 | 3106 | 3427 | 3756 | 5978 | 6299 | 7202 | 8615 | 8466 | 7429 | 6453 | 5030 |
| 19 | 3554 | 3095 | 3439 | 3764 | 6025 | 6350 | 7241 | 8645 | 8421 | 7400 | 6420 | 4812 |
| 20 | 3535 | 3081 | 3466 | 3772 | 6043 | 6392 | 7265 | 8675 | 8376 | 7366 | 6387 | 4605 |
| 21 | 3516 | 3066 | 3547 | 3772 | 6034 | 6425 | 7279 | 8767 | 8327 | 7410 | 6355 | 4396 |
| 22 | 3504 | 3099 | 3620 | 3776 | 6011 | 6457 | 7332 | 8861 | 8302 | 7390 | 6322 | 4189 |
| 23 | 3481 | 3095 | 3663 | 3768 | 5974 | 6528 | 7361 | 8995 | 8267 | 7352 | 6289 | 4023 |
| 24 | 3466 | 3077 | 3709 | 3768 | 5960 | 6556 | 7395 | 8931 | 8223 | 7313 | 6257 | 3959 |
| 25 | 3462 | 3066 | 3733 | 3776 | 5955 | 6565 | 7497 | 8851 | 8183 | 7279 | 6219 | 3943 |
| 26 | 3439 | 3048 | 3725 | 3796 | 5951 | 6603 | 7574 | 8807 | 8148 | 7236 | 6187 | 3923 |
| 27 | 3424 | 3040 | 3729 | 3823 | 5974 | 6655 | 7716 | 8797 | 8109 | 7197 | 6154 | 3911 |
| 28 | 3404 | 3026 | 3729 | 3827 | 5983 | 6702 | 7848 | 8792 | 8074 | 7159 | 6122 | 3891 |
| 29 | 3389 | 3026 | 3729 | 3839 | ----- | 6768 | 7951 | 8787 | 8035 | 7121 | 6089 | 3875 |
| 30 | 3370 | 3029 | 3729 | 3839 | ----- | 6820 | 8040 | 8782 | 7995 | 7087 | 6061 | 3859 |
| 31 | 3366 | ----- | 3729 | 3839 | ----- | 6887 | ----- | 8767 | ----- | 7054 | 6029 | ----- |
| Max | 4300 | 3363 | 3733 | 3839 | 6117 | 6887 | 8040 | 8995 | 8741 | 7956 | 7030 | 6001 |
| Min | 3366 | 3026 | 3007 | 3698 | 3835 | 5937 | 6925 | 8114 | 7995 | 7054 | 6029 | 3859 |
| Change | -988 | -337 | 700 | 110 | 2144 | 904 | 1153 | 727 | -772 | -941 | -1025 | -2170 |
| Wtr Year 2015 | Mean | 5768 | Max | 8995 | Min | 3007 | Inst Max | 8995 | | | | |
| Cal Year 2014 | Mean | 4705 | Max | 8956 | Min | 1193 | Inst Max | 8981 | | | | |

El Dorado Irrigation District

USDAY V107 Output 02/21/2017

Summary Report

Site: A8 EID Silver Lake Near Kirkwood
 USGS #: 11435900
 Beginning Date: 10/01/2015
 Ending Date: 09/30/2016

Daily Midnight Storage Volume in Acre feet Water Year Oct 2015 to Sep 2016

09/30/2015 3859

| Day | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------|------|-------|------|------|-------|------|-------|------|-------|-------|-------|-------|
| 1 | 3871 | 3366 | 3424 | 3839 | 4104 | 3991 | 4128 | 4462 | 8119 | 8565* | 7255 | 6108 |
| 2 | 3847 | 3470 | 3416 | 3823 | 4051 | 4015 | 4205 | 4533 | 8282 | 8530* | 7207 | 6071 |
| 3 | 3831 | 3473 | 3435 | 3823 | 4007 | 4035 | 4267 | 4644 | 8371 | 8495* | 7169 | 6038 |
| 4 | 3808 | 3462 | 3431 | 3823 | 3979 | 4160 | 4321 | 4825 | 8431 | 8461* | 7125 | 6001 |
| 5 | 3792 | 3450 | 3431 | 3847 | 3947 | 4383 | 4358 | 5065 | 8426 | 8436 | 7082 | 5974 |
| 6 | 3772 | 3443 | 3420 | 3859 | 3931 | 4354 | 4412 | 5263 | 8456 | 8396 | 7039 | 5946 |
| 7 | 3756 | 3431 | 3416 | 3851 | 3927 | 4238 | 4483 | 5445 | 8505 | 8361 | 6996 | 5914 |
| 8 | 3740 | 3450 | 3424 | 3839 | 3927 | 4144 | 4529 | 5594 | 8535 | 8312 | 6953 | 5882 |
| 9 | 3721 | 3466 | 3427 | 3835 | 3943 | 4116 | 4601 | 5882 | 8525 | 8272 | 6915 | 5854 |
| 10 | 3705 | 3458 | 3520 | 3827 | 3947 | 4136 | 4537 | 6163 | 8525 | 8232 | 6873 | 5822 |
| 11 | 3686 | 3454 | 3554 | 3823 | 3955 | 4152 | 4571 | 6383 | 8505 | 8178 | 6839 | 5795 |
| 12 | 3666 | 3447 | 3566 | 3815 | 3959 | 4116 | 4631 | 6655 | 8560 | 8143 | 6801 | 5763 |
| 13 | 3651 | 3439 | 3608 | 3843 | 3959 | 4120 | 4700 | 6920 | 8555 | 8094 | 6759 | 5740 |
| 14 | 3632 | 3450 | 3616 | 3859 | 3963 | 4071 | 4691 | 7035 | 8560 | 8054 | 6721 | 5712 |
| 15 | 3616 | 3466 | 3616 | 3871 | 3987 | 4031 | 4614 | 6996 | 8580 | 8015 | 6683 | 5681 |
| 16 | 3604 | 3450 | 3620 | 3879 | 4011 | 4011 | 4563 | 6944 | 8605 | 7961 | 6645 | 5617 |
| 17 | 3624 | 3447 | 3620 | 3879 | 4055 | 4015 | 4575 | 6920 | 8650 | 7912 | 6612 | 5517 |
| 18 | 3608 | 3447 | 3616 | 3879 | 4059 | 4035 | 4665 | 6949 | 8691 | 7862 | 6579 | 5427 |
| 19 | 3597 | 3431 | 3647 | 3895 | 4019 | 4055 | 4799 | 7020 | 8741 | 7818 | 6547 | 5312 |
| 20 | 3570 | 3443 | 3655 | 3879 | 3983 | 4095 | 4921 | 6953 | 8746 | 7774 | 6509 | 5183 |
| 21 | 3543 | 3447 | 3764 | 3863 | 3963 | 4193 | 4982 | 6825 | 8706 | 7725 | 6476 | 5056 |
| 22 | 3523 | 3447 | 3808 | 3895 | 3947 | 4144 | 4973 | 6711 | 8686 | 7682 | 6448 | 4916 |
| 23 | 3508 | 3443 | 3823 | 3895 | 3935 | 4091 | 4834 | 6650 | 8680 | 7643 | 6415 | 4786 |
| 24 | 3489 | 3473 | 3883 | 3879 | 3939 | 4063 | 4726 | 6608 | 8680 | 7599 | 6383 | 4665 |
| 25 | 3470 | 3473 | 3891 | 3863 | 3955 | 4059 | 4618 | 6598 | 8670 | 7560 | 6345 | 4529 |
| 26 | 3450 | 3477 | 3883 | 3859 | 3971 | 4071 | 4504 | 6664 | 8670 | 7516 | 6313 | 4412 |
| 27 | 3439 | 3458 | 3875 | 3847 | 3983 | 4108 | 4475 | 6825 | 8660 | 7472 | 6280 | 4329 |
| 28 | 3439 | 3450 | 3863 | 3847 | 3983 | 4136 | 4433 | 7030 | 8645 | 7429 | 6243 | 4251 |
| 29 | 3416 | 3439 | 3855 | 3923 | 3983 | 4128 | 4412 | 7260 | 8630 | 7390 | 6210 | 4209 |
| 30 | 3397 | 3431 | 3847 | 4144 | ----- | 4132 | 4433 | 7487 | 8600 | 7342 | 6177 | 4189 |
| 31 | 3378 | ----- | 3843 | 4168 | ----- | 4116 | ----- | 7779 | ----- | 7294 | 6140 | ----- |
| Max | 3871 | 3477 | 3891 | 4168 | 4104 | 4383 | 4982 | 7779 | 8746 | 8565 | 7255 | 6108 |
| Min | 3378 | 3366 | 3416 | 3815 | 3927 | 3991 | 4128 | 4462 | 8119 | 7294 | 6140 | 4189 |
| Change | -481 | 53.0 | 412 | 325 | -185 | 133 | 317 | 3346 | 821 | -1306 | -1154 | -1951 |
| Wtr Year 2016 | Mean | 5182 | Max | 8746 | Min | 3366 | Inst | Max | 8762 | | | |
| Cal Year 2015 | Mean | 5798 | Max | 8995 | Min | 3366 | Inst | Max | 8995 | | | |