

## SAN JOAQUIN RIVER RESTORATION PROGRAM

### Weekly Groundwater Report - Week Ending August 17, 2019



| REACH 2A   |           |             |                        |                         |            |       |
|------------|-----------|-------------|------------------------|-------------------------|------------|-------|
| Well ID    | Date      | DTW_GS (ft) | Weekly Difference (ft) | Well Threshold (ft BGS) | River Mile | Bank  |
| FA-9*      | 8/15/2019 | 9.13        | -0.26                  | 8.0                     | 218.2      | Left  |
| MW-09-47*  | 8/15/2019 | 8.55        | -0.05                  | 5.7 <sup>†</sup>        | 218.2      | Right |
| MA-4*      | 8/15/2019 | 11.94       | -0.07                  | 8.5 <sup>†</sup>        | 217.2      | Right |
| MW-09-49B* | 8/15/2019 | 6.13        | -0.04                  | 4.8 <sup>†</sup>        | 217.2      | Left  |

| REACH 2B  |           |             |                        |                         |            |       |
|-----------|-----------|-------------|------------------------|-------------------------|------------|-------|
| Well ID   | Date      | DTW_GS (ft) | Weekly Difference (ft) | Well Threshold (ft BGS) | River Mile | Bank  |
| MW-09-54B | 8/15/2019 | 15.68       | -0.22                  | 12.9                    | 211.8      | Right |
| MW-09-55B | 8/15/2019 | 9.58        | -0.23                  | 2.7                     | 211.8      | Left  |

| REACH 3    |           |             |                        |                         |            |       |
|------------|-----------|-------------|------------------------|-------------------------|------------|-------|
| Well ID    | Date      | DTW_GS (ft) | Weekly Difference (ft) | Well Threshold (ft BGS) | River Mile | Bank  |
| PZ-09-R3-5 | 8/12/2019 | 9.54        | -0.58                  | 6.9                     | 197.8      | Right |
| MW-12-191  | 8/12/2019 | 10.95       | -0.18                  | 7.5                     | 196.6      | Right |
| PZ-09-R3-7 | 8/12/2019 | 7.19        | -0.20                  | 7.2                     | 199.2      | Right |
| MW-10-75   | 8/16/2019 | 18.55       | -0.10                  | 8.5                     | 187.0      | Left  |

| REACH 4A |           |             |                        |                         |            |       |
|----------|-----------|-------------|------------------------|-------------------------|------------|-------|
| Well ID  | Date      | DTW_GS (ft) | Weekly Difference (ft) | Well Threshold (ft BGS) | River Mile | Bank  |
| MW-10-89 | 8/15/2019 | 11.33       | -0.11                  | 7.5                     | 175.4      | Right |

| PRELIMINARY SAN JOAQUIN RIVER FLOW DATA |            |       |            |            |           |          |
|---|------------|-------|------------|------------|-----------|----------|
| Location                                | Station_ID | Reach | River Mile | Flow (cfs) | Date      | Time     |
| Friant Dam                              | MIL        | 1A    | 267.6      | 419        | 8/15/2019 | 24hr avg |
| Gravelly Ford                           | GRF        | 2A    | 227.6      | 241        | 8/15/2019 | 0600     |
| SJR below Bifurcation                   | SJB        | 2B    | 216.0      | 136        | 8/15/2019 | 0600     |
| SJR near Mendota                        | 11254000   | 3     | 202.1      | 612        | 8/15/2019 | 1200     |
| SJR near Dos Palos                      | SDP        | 4A    | 181.5      | 116        | 8/15/2019 | 24hravg  |
| SJR at Washington Road                  | SWA        | 4A    | 168.4      | 126        | 8/15/2019 | 0600     |
| SJR at Fremont Ford                     | 11261500   | 5     | 125.1      | 320        | 8/15/2019 | 0600     |
| SJR above Merced River                  | 11273400   | 5     | 118.3      | 335        | 8/15/2019 | 0600     |

| REAL TIME GROUNDWATER MONITOR WELL INFORMATION |         |   |
|--|---------|---|
| Well ID  | CDEC_ID | Weblink   |
| MW-09-49B                                      | 49B     | <a href="http://cdec4gov.water.ca.gov/cgi-progs/queryF?s=49b">http://cdec4gov.water.ca.gov/cgi-progs/queryF?s=49b</a> |
| PZ-09-R3-7                                     | R37     | <a href="http://cdec.water.ca.gov/cgi-progs/queryF?s=r37">http://cdec.water.ca.gov/cgi-progs/queryF?s=r37</a>         |
| MW-10-75                                       | W75     | <a href="http://cdec.water.ca.gov/cgi-progs/queryF?s=w75">http://cdec.water.ca.gov/cgi-progs/queryF?s=w75</a>         |
| MW-10-89                                       | W89     | <a href="http://cdec.water.ca.gov/cgi-progs/queryF?s=w89">http://cdec.water.ca.gov/cgi-progs/queryF?s=w89</a>         |
| MW-17-225                                      | 225     | <a href="http://cdec.water.ca.gov/cgi-progs/queryF?s=225">http://cdec.water.ca.gov/cgi-progs/queryF?s=225</a>         |

#### NOTES

All data are provisional and are subject to revision

Thresholds are defined in the Seepage Management Plan (SMP) [Appendix H](#)

#### KEY

TBD: To be determined

NR: No Reading (Well Inaccessible)

DTW\_GS: Depth to Groundwater from Ground Surface at well

CDEC: California Data Exchange Center

ft BGS: feet below ground surface

BRT: Below Rating Table

\* Protected by existing interceptor drain

† Threshold accounts for SMP 2014 lateral gradient

NA: Not Applicable

Above threshold

At threshold

Below threshold