

## SAN JOAQUIN RIVER RESTORATION PROGRAM

### Weekly Groundwater Report - Week Ending August 18, 2018



| REACH 2A   |           |             |                         |                          |            |       |
|------------|-----------|-------------|-------------------------|--------------------------|------------|-------|
| Well ID    | Date      | DTW_GS (ft) | Well Threshold (ft BGS) | Field Threshold (ft BGS) | River Mile | Bank  |
| FA-9*      | 8/13/2018 | 9.97        | 8.0                     | 6.0                      | 218.2      | Left  |
| MW-09-47*  | 8/13/2018 | 9.30        | 5.7 <sup>†</sup>        | 6.5                      | 218.2      | Right |
| MA-4*      | 8/13/2018 | 11.86       | 8.5 <sup>†</sup>        | 7.0                      | 217.2      | Right |
| MW-09-49B* | 8/13/2018 | 6.60        | 4.8 <sup>†</sup>        | 5.5                      | 217.2      | Left  |

| REACH 2B  |           |             |                         |                          |            |       |
|-----------|-----------|-------------|-------------------------|--------------------------|------------|-------|
| Well ID   | Date      | DTW_GS (ft) | Well Threshold (ft BGS) | Field Threshold (ft BGS) | River Mile | Bank  |
| MW-09-54B | 8/13/2018 | 17.09       | 12.9                    | 7.0                      | 211.8      | Right |
| MW-09-55B | 8/13/2018 | 10.12       | 2.7                     | 5.5                      | 211.8      | Left  |

| REACH 3    |           |             |                         |                          |            |       |
|------------|-----------|-------------|-------------------------|--------------------------|------------|-------|
| Well ID    | Date      | DTW_GS (ft) | Well Threshold (ft BGS) | Field Threshold (ft BGS) | River Mile | Bank  |
| PZ-09-R3-5 | 8/13/2018 | 9.69        | 6.9                     | 5.7                      | 197.8      | Right |
| MW-12-191  | 8/13/2018 | 11.22       | 7.5                     | 6.5                      | 196.6      | Right |
| PZ-09-R3-7 | 8/13/2018 | 7.54        | 7.2                     | 6.5                      | 199.2      | Right |
| MW-10-75   | 8/16/2018 | 20.07       | 8.5                     | 8.0                      | 187.0      | Left  |

| REACH 4A  |           |             |                         |                          |            |       |
|-----------|-----------|-------------|-------------------------|--------------------------|------------|-------|
| Well ID   | Date      | DTW_GS (ft) | Well Threshold (ft BGS) | Field Threshold (ft BGS) | River Mile | Bank  |
| MW-14-208 | 8/15/2018 | 7.05        | 6.5                     | 5.5                      | 169.7      | Right |
| MW-10-89  | 8/16/2018 | 11.70       | 7.5                     | 6.5                      | 175.4      | Right |
| MW-10-92* | 8/16/2018 | 8.78        | 5.8                     | 4.8                      | 170.0      | Left  |

| PRELIMINARY SAN JOAQUIN RIVER FLOW DATA |            |       |            |            |           |          |
|---|------------|-------|------------|------------|-----------|----------|
| Location                                | Station_ID | Reach | River Mile | Flow (cfs) | Date      | Time     |
| Friant Dam                              | MIL        | 1     | 267.6      | 434        | 8/14/2018 | 24hr avg |
| Gravelly Ford                           | GRF        | 2A    | 227.6      | 182        | 8/15/2018 | 1200     |
| SJR below BIF                           | SJB        | 2B    | 216.0      | 102        | 8/15/2018 | 1200     |
| SJR near Mendota                        | 11254000   | 3     | 202.1      | 468        | 8/15/2018 | 1200     |
| SJR near Dos Palos                      | SDP        | 4     | 181.5      | 92         | 8/15/2018 | 24hravg  |
| SJR at Fremont Ford                     | 11261500   | 5     | 125.1      | 184        | 8/15/2018 | 1200     |
| SJR above Merced River                  | 11273400   | 5     | 118.3      | 231        | 8/15/2018 | 1200     |

| 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-10-92                                       | W92     | <a href="http://cdec.water.ca.gov/cgi-progs/queryF?s=w92">http://cdec.water.ca.gov/cgi-progs/queryF?s=w92</a>         |

#### NOTES

All data are provisional and are subject to revision  
 Thresholds are defined in the Draft SJRRP Seepage Mgt Plan

#### KEY

TBD: To be determined \* Protected by existing interceptor drain  
 NR: No Reading (Well Inaccessible) † Threshold accounts for SMP 2014 lateral gradient  
 DTW\_GS: Depth to Groundwater from Ground Surface NA: Not Applicable  
 CDEC: California Data Exchange Center  
 ft BGS: feet below ground surface  
 BRT: Below Rating Table