

Water-Data Report 2013

11271290 Merced River at Shaffer Bridge, near Cressey, CA

San Joaquin River Basin

LOCATION.--Lat 37°27'15", long 120°36'28" referenced to North American Datum of 1927, in NW ¼ SW ¼ sec.36, T.5 S., R.12 E., Merced County, CA, Hydrologic Unit 18040002, near center of span on downstream side of county road bridge, 0.6 mi upstream from Dry Creek, and 4.0 mi northeast of Cressey.

DRAINAGE AREA.--1,117 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1965 to current year (low-flow records only).

GAGE.--Water-stage recorder. Elevation of gage is 116.79 ft above NGVD of 1929.

COOPERATION.--Records were provided by Merced Irrigation District, under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 2179.

REMARKS.--No records computed above 200 ft³/s. Most water released from Lake McClure (station 11269500) is diverted upstream into the main canal of Merced Irrigation District. Flow past station consists of releases from diversion dam, irrigation return flow, and tributary inflow.

11271290 Merced River at Shaffer Bridge, near Cressey, CA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|--------------|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|-------|-----|
| 1 | 71 | --- | --- | --- | --- | --- | --- | 173 | 149 | 107 | 104 | 110 |
| 2 | 63 | --- | --- | --- | --- | --- | --- | 170 | 144 | 100 | 105 | 95 |
| 3 | 65 | --- | --- | --- | --- | --- | --- | 159 | 144 | 94 | 107 | 94 |
| 4 | 69 | --- | --- | --- | --- | --- | --- | 155 | 121 | 88 | 111 | 117 |
| 5 | 65 | --- | --- | --- | --- | --- | --- | 164 | 127 | 100 | 111 | 129 |
| 6 | 74 | --- | --- | --- | --- | --- | --- | 172 | 122 | 107 | 92 | 121 |
| 7 | 84 | --- | --- | --- | --- | --- | --- | 179 | 117 | 118 | 78 | 125 |
| 8 | 93 | --- | --- | --- | --- | --- | --- | 155 | 115 | 104 | 83 | 147 |
| 9 | 103 | --- | --- | --- | --- | --- | --- | 143 | 122 | 107 | 87 | 135 |
| 10 | 98 | --- | --- | --- | --- | --- | --- | 143 | 120 | 94 | 91 | 108 |
| 11 | 90 | --- | --- | --- | --- | --- | --- | 154 | 119 | 100 | 103 | 88 |
| 12 | 95 | --- | --- | --- | --- | 197 | --- | 181 | 116 | 104 | 92 | 81 |
| 13 | 144 | --- | --- | --- | --- | 193 | 199 | 177 | 115 | 105 | 108 | 91 |
| 14 | 188 | --- | --- | --- | --- | 193 | 200 | 157 | 112 | 118 | 129 | 90 |
| 15 | 188 | --- | --- | --- | --- | 190 | --- | 138 | 106 | 112 | 114 | 106 |
| 16 | --- | --- | --- | --- | --- | --- | --- | 139 | 105 | 100 | 101 | 94 |
| 17 | --- | --- | --- | --- | --- | --- | --- | 140 | 104 | 101 | 106 | 90 |
| 18 | --- | --- | --- | --- | --- | --- | --- | 135 | 100 | 101 | 116 | --- |
| 19 | --- | --- | --- | --- | --- | --- | --- | 146 | 100 | 106 | 99 | --- |
| 20 | --- | --- | --- | --- | --- | --- | --- | 147 | 103 | 106 | 85 | --- |
| 21 | --- | --- | --- | --- | --- | --- | --- | 147 | 101 | 121 | 77 | --- |
| 22 | --- | --- | --- | --- | --- | --- | --- | 142 | 99 | 109 | 93 | --- |
| 23 | --- | --- | --- | --- | --- | --- | --- | 145 | 110 | 113 | 108 | --- |
| 24 | --- | --- | --- | --- | --- | --- | --- | 156 | 117 | 98 | 115 | --- |
| 25 | --- | --- | --- | --- | --- | --- | 192 | 159 | 115 | 96 | 121 | --- |
| 26 | --- | --- | --- | --- | --- | --- | 186 | 167 | 89 | 100 | 113 | --- |
| 27 | --- | --- | --- | --- | --- | --- | 169 | 172 | 88 | 100 | 117 | --- |
| 28 | --- | --- | --- | --- | --- | --- | 171 | 183 | 100 | 115 | 115 | 185 |
| 29 | --- | --- | --- | --- | --- | --- | 179 | 197 | 104 | 105 | 110 | 166 |
| 30 | --- | --- | --- | --- | --- | --- | 178 | 176 | 103 | 91 | 91 | 152 |
| 31 | --- | --- | --- | --- | --- | --- | --- | 159 | --- | 93 | 94 | --- |
| Total | --- | --- | --- | --- | --- | --- | --- | 4,930 | 3,387 | 3,213 | 3,176 | --- |
| Mean | --- | --- | --- | --- | --- | --- | --- | 159 | 113 | 104 | 102 | --- |
| Max | --- | --- | --- | --- | --- | --- | --- | 197 | 149 | 121 | 129 | --- |
| Min | --- | --- | --- | --- | --- | --- | --- | 135 | 88 | 88 | 77 | --- |
| Ac-ft | --- | --- | --- | --- | --- | --- | --- | 9,780 | 6,720 | 6,370 | 6,300 | --- |