[Water-Data Report 2013](http://wdr.water.usgs.gov/)

[11254000 San Joaquin River near Mendota, CA](http://waterdata.usgs.gov/nwis/nwisman/?site_no=11254000)

San Joaquin River Basin

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 2010 to current year.

SEDIMENT DATA: March 2010 to current year.

REMARKS.--Sediment data collected for the San Joaquin River Restoration Project.

| PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013 |
| --- |
| [ft³/s, cubic feet per second; mg/L, milligrams per liter; mm, millimeters; °C, degrees Celsius; A, average] |

| Sample date-time | Discharge, instantaneous, ft³/s (00061) | Temperature, water, °C (00010) | Suspended sediment concentration, mg/L (80154) | Suspended sediment discharge, tons per day (80155) | Suspended sediment, sieve diameter, percent smaller than 0.0625 mm (70331) |
| --- | --- | --- | --- | --- | --- |
| 05-07-2013 1550 | 238 | 20.3 | 17 | 11 | 96 |
| 05-07-2013 1551 | 238 | 20.3 | A 17 | A 11 | A 96 |
| 05-07-2013 1552 | 238 | 20.3 | 18 | 12 | 96 |

| PARTICLE-SIZE DISTRIBUTION OF BED MATERIAL WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013 |
| --- |
| Part 1 of 2 [ft³/s, cubic feet per second; mm, millimeters; °C, degrees Celsius; <, less than] |

| Sample date-time | Number of sampling points, count (00063) | Discharge, instanta­neous, ft³/s (00061) | Tempera­ture, water, °C (00010) | Bed sediment, dry sieved, sieve diameter, percent smaller than 0.0625 mm (80164) | Bed sediment, dry sieved, sieve diameter, percent smaller than 0.125 mm (80165) | Bed sediment, dry sieved, sieve diameter, percent smaller than 0.25 mm (80166) | Bed sediment, dry sieved, sieve diameter, percent smaller than 0.5 mm (80167) | Bed sediment, dry sieved, sieve diameter, percent smaller than 1 mm (80168) | Bed sediment, dry sieved, sieve diameter, percent smaller than 2 mm (80169) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 05-07-2013 1630 | 1 | 238 | 20.3 | < 1 | < 1 | 9 | 31 | 70 | 95 |
| 05-07-2013 1632 | 1 | 238 | 20.3 | 2 | 5 | 15 | 43 | 68 | 84 |
| 05-07-2013 1634 | 1 | 238 | 20.3 | 5 | 12 | 24 | 68 | 72 | 89 |
| 05-07-2013 1636 | 1 | 238 | 20.3 | 2 | 5 | 16 | 44 | 73 | 88 |
| 05-07-2013 1638 | 1 | 238 | 20.3 | 2 | 5 | 17 | 40 | 66 | 84 |

| PARTICLE-SIZE DISTRIBUTION OF BED MATERIAL WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013 |
| --- |
| Part 2 of 2 [ft³/s, cubic feet per second; mm, millimeters; °C, degrees Celsius; <, less than] |

| Sample date-time | Bed sediment, dry sieved, sieve diameter, percent smaller than 4 mm (80170) | Bed sediment, dry sieved, sieve diameter, percent smaller than 8 mm (80171) | Bed sediment, dry sieved, sieve diameter, percent smaller than 16 mm (80172) |
| --- | --- | --- | --- |
| 05-07-2013 1630 | 97 | 98 | 100 |
| 05-07-2013 1632 | 90 | 94 | 100 |
| 05-07-2013 1634 | 93 | 97 | 100 |
| 05-07-2013 1636 | 94 | 98 | 100 |
| 05-07-2013 1638 | 93 | 99 | 100 |