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

[11253115 San Joaquin River below Chowchilla Canal Intake, near Mendota, CA](http://waterdata.usgs.gov/nwis/nwisman/?site_no=11253115)

San Joaquin River Basin

WATER-QUALITY RECORDS

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

SEDIMENT DATA: March 2010 to current year.

REMARKS.--Sample and flow data collected for the San Joaquin River Restoration Project. Instantaneous discharges are from USGS flow measurements made concurrently with samples.

| 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 1230 | 267 | 18.0 | 11 | 7.9 | 92 |
| 05-07-2013 1231 | 267 | 18.0 | A 11 | A 7.9 | A 93 |
| 05-07-2013 1232 | 267 | 18.0 | 11 | 7.9 | 93 |

| 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; --, no data] |

| 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 1254 | 1 | 267 | 18.0 | 1 | 3 | 6 | 18 | 48 | 84 |
| 05-07-2013 1256 | 1 | 267 | 18.0 | 1 | 4 | 8 | 30 | 65 | 89 |
| 05-07-2013 1258 | 1 | 267 | 18.0 | 1 | 3 | 10 | 42 | 77 | 93 |
| 05-07-2013 1300 | 1 | 267 | 18.0 | 1 | 4 | 17 | 60 | 81 | 93 |
| 05-07-2013 1302 | 1 | 267 | 18.0 | 3 | 10 | 30 | 81 | 93 | 96 |

| 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; --, no data] |

| 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 1254 | 97 | 99 | 100 |
| 05-07-2013 1256 | 97 | 100 | -- |
| 05-07-2013 1258 | 99 | 100 | -- |
| 05-07-2013 1300 | 99 | 100 | -- |
| 05-07-2013 1302 | 99 | 100 | -- |

| PARTICLE-SIZE DISTRIBUTION OF BEDLOAD WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013 |
| --- |
| [ft, feet; ft³/s, cubic feet per second; °C, degrees Celsius; --, no data] |

| Sample date-time | Sampling method (82398) | Sampler type (84164) | Number of sampling points, count (00063) | Location in cross section, distance from left bank looking down­stream, ft (00009) | Stream width, ft (00004) | Discharge, instanta­neous, ft³/s (00061) | Tempera­ture, water, °C (00010) |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 05-07-2013 1230 | Multi Verticals EWT | Sampler US DH-48 | 10 | 9.50 | 105 | 267 | 18.0 |
| 05-07-2013 1231 | Multi Verticals EWT | Sampler US DH-48 | 10 | -- | 105 | 267 | 18.0 |
| 05-07-2013 1232 | Multi Verticals EWT | Sampler US DH-48 | 10 | 9.50 | 105 | 267 | 18.0 |
| 05-07-2013 1254 | Point sample | Sampler US RBM-80 | 1 | 30.0 | 105 | 267 | 18.0 |
| 05-07-2013 1256 | Point sample | Sampler US RBM-80 | 1 | 52.0 | 105 | 267 | 18.0 |
| 05-07-2013 1258 | Point sample | Sampler US RBM-80 | 1 | 67.0 | 105 | 267 | 18.0 |
| 05-07-2013 1300 | Point sample | Sampler US RBM-80 | 1 | 80.0 | 105 | 267 | 18.0 |
| 05-07-2013 1302 | Point sample | Sampler US RBM-80 | 1 | 95.0 | 105 | 267 | 18.0 |