

Water-Data Report 2013

11254000 San Joaquin River near Mendota, CA

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, ft ³ /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, ft ³ /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

11254000 San Joaquin River near Mendota, CA—Continued

**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