

11530500 Klamath River near Klamath, CA

Klamath River Basin

LOCATION.--Lat 41°30'40", long 123°58'42" referenced to North American Datum of 1927, in SE ¼ SE ¼ sec.18, T.13 N., R.2 E., Del Norte County, CA, Hydrologic Unit 18010209, on right bank, 2.8 mi upstream from Turwar Creek, and 3.3 mi southeast of Klamath.

DRAINAGE AREA.--12,100 mi², approximately (not including Lost River or Lower Klamath Lake Basins).

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1910 to December 1926 (published as "near Requa"), October 1950 to September 1994, October 1995 to September 1997 (stage only), and October 1997 to current year. Monthly discharge only for some periods, published in WSP 1315-B.

REVISED RECORDS.--WSP 1285: 1951 (peaks above base). WSP 1445: 1918-20. WDR CA-81-2: 1980.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is NGVD of 1929. Prior to June 1926, nonrecording gage at same site at different datum. Oct. 1, 1950, to Oct. 2, 1975, water-stage recorder at same site at datum 5.60 ft above NGVD of 1929. Oct. 2, 1975, to Sept. 30, 2003, water-stage recorder at site 2.6 mi downstream. Relocated Sept. 30, 2003 to previous site 2.6 mi upstream, current datum.

REMARKS.--Records good except for estimated daily discharges, which are fair. Gage heights at site can be affected at low flows by wave action from boat traffic. Medium and low flows considerably regulated by reservoirs and powerplants upstream from station and by transbasin diversion (from Trinity River) to Judge Francis Carr Powerplant (station 11525430) since April 1963. Large diversions for irrigation upstream from station. See schematic diagram of Klamath River and Trinity River Basins available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 557,000 ft³/s, Dec. 23, 1964, gage height, 55.3 ft, current datum, from floodmarks, from rating curve extended above 230,000 ft³/s, on basis of flood-routing study; minimum daily, 1,310 ft³/s, Sept. 4, 1977.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of December 1861 reached a stage of 60 ft, site and datum then in use, discharge 450,000 ft³/s; flood of February 1881 reached a discharge of 360,000 ft³/s; flood of February 1890 reached a stage of 63 ft, site and datum then in use, discharge 425,000 ft³/s. Maximum discharges for 1927 and 1932-50, determined from upstream stations, are published in WSP 1686, Part 11, Volume 2.

11530500 Klamath River near Klamath, CA—Continued

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2,550	5,200	52,800	15,400	16,900	10,600	19,700	12,200	7,590	4,240	2,520	2,850
2	2,540	5,900	101,000	14,500	16,200	11,100	18,900	11,900	7,280	4,100	2,510	2,810
3	2,540	4,830	82,400	13,800	15,800	11,800	17,500	12,800	7,030	3,950	2,530	2,810
4	2,540	4,190	49,900	13,300	15,400	12,100	17,700	13,300	6,800	3,750	2,530	2,870
5	2,530	3,810	99,500	12,800	15,200	12,200	26,200	13,300	6,630	3,640	2,500	2,880
6	2,550	3,620	73,100	12,500	15,200	15,100	27,800	13,000	6,390	3,550	2,460	2,870
7	2,580	3,470	43,400	12,300	15,300	16,800	28,400	13,500	6,290	3,520	2,440	2,870
8	2,590	3,470	30,900	12,200	14,900	15,000	29,200	13,700	6,100	3,440	2,440	2,860
9	2,610	3,700	24,200	12,800	14,000	13,900	25,000	13,900	5,960	3,350	2,470	2,840
10	2,630	3,570	20,000	14,100	13,300	13,200	22,000	13,900	5,810	3,290	2,630	2,810
11	2,640	3,450	17,500	14,200	12,800	12,900	20,600	13,200	5,660	3,200	2,630	2,770
12	2,630	3,380	16,500	13,700	12,300	13,400	19,400	12,700	5,500	3,140	2,590	2,740
13	2,670	3,620	14,800	13,100	12,000	14,100	18,100	12,200	5,310	3,100	2,560	2,780
14	2,690	4,070	13,700	12,400	11,700	14,600	17,000	11,700	5,150	3,070	2,540	2,820
15	2,730	4,030	12,900	11,900	11,800	15,300	16,000	11,000	5,030	3,040	2,630	2,800
16	3,340	3,840	14,000	11,500	11,900	15,300	15,100	10,600	4,910	2,980	2,470	2,800
17	3,390	3,990	26,400	11,400	12,100	14,900	14,200	10,200	4,810	2,930	2,410	2,890
18	3,040	5,630	27,700	11,500	12,000	14,100	13,500	9,700	4,770	2,900	2,390	2,930
19	2,790	5,970	21,800	11,800	12,100	13,400	13,000	9,310	4,810	2,870	2,380	3,000
20	2,680	12,700	20,500	11,900	11,800	16,300	12,600	8,970	4,750	2,840	2,330	3,120
21	2,630	25,300	27,800	11,900	11,200	22,800	12,200	8,720	4,600	2,810	2,320	e3,400
22	2,920	17,700	34,100	11,900	10,800	19,000	12,000	8,670	4,440	2,760	2,340	3,540
23	3,740	11,400	35,000	12,700	10,900	16,600	12,600	8,390	4,340	2,700	2,420	e3,360
24	4,230	8,640	33,800	22,600	10,600	15,300	12,900	8,170	4,350	2,700	2,500	e3,180
25	4,250	7,330	28,900	27,000	10,300	14,500	12,600	8,010	4,660	2,710	2,430	3,110
26	3,700	6,560	28,500	29,900	10,100	14,200	12,400	7,890	5,260	2,680	2,540	3,120
27	3,420	5,870	25,100	29,100	9,870	14,300	12,500	8,200	5,950	2,640	3,810	3,010
28	3,560	5,580	22,200	24,800	9,950	14,500	12,700	9,860	5,340	2,600	4,580	2,870
29	3,940	9,360	20,000	21,600	---	14,600	12,700	9,520	4,760	2,580	3,790	4,920
30	3,870	42,300	18,100	19,400	---	14,500	12,600	8,650	4,440	2,560	3,250	20,100
31	3,840	---	16,600	17,900	---	15,500	---	7,980	---	2,550	2,930	---
Total	94,360	232,480	1,053,100	485,900	356,420	451,900	517,100	335,140	164,720	96,190	82,870	107,730
Mean	3,044	7,749	33,970	15,670	12,730	14,580	17,240	10,810	5,491	3,103	2,673	3,591
Max	4,250	42,300	101,000	29,900	16,900	22,800	29,200	13,900	7,590	4,240	4,580	20,100
Min	2,530	3,380	12,900	11,400	9,870	10,600	12,000	7,890	4,340	2,550	2,320	2,740
Ac-ft	187,200	461,100	2,089,000	963,800	707,000	896,300	1,026,000	664,800	326,700	190,800	164,400	213,700

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1911 - 1962, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	4,987	11,130	19,480	27,730	37,540	27,340	27,710	23,170	13,830	5,921	3,383	3,339
Max	18,950	30,460	72,580	83,550	123,200	53,280	48,860	37,250	29,580	12,370	5,871	5,107
(WY)	(1951)	(1921)	(1956)	(1953)	(1958)	(1957)	(1952)	(1952)	(1953)	(1953)	(1953)	(1912)
Min	2,700	3,502	4,138	7,454	6,263	6,916	6,270	3,975	2,106	1,731	1,567	1,860
(WY)	(1920)	(1960)	(1960)	(1924)	(1920)	(1924)	(1924)	(1924)	(1924)	(1924)	(1918)	(1918)

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SUMMARY STATISTICS

Water Years 1911 - 1962		
Annual mean	17,010	
Highest annual mean	33,360	1958
Lowest annual mean	5,156	1924
Highest daily mean	378,000	Dec 22, 1955
Lowest daily mean	1,340	Jul 31, 1924
Annual seven-day minimum	1,440	Jul 30, 1924
Maximum peak flow	^a 425,000	Dec 22, 1955
Maximum peak stage	^b 49.7	Dec 22, 1955
Annual runoff (ac-ft)	12,320,000	
10 percent exceeds	37,300	
50 percent exceeds	10,200	
90 percent exceeds	2,860	

^a From rating curve extended above 140,000 ft³/s on basis of flood-routing study.

^b From floodmarks, site and datum then in use.

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1963 - 2013, BY WATER YEAR (WY)

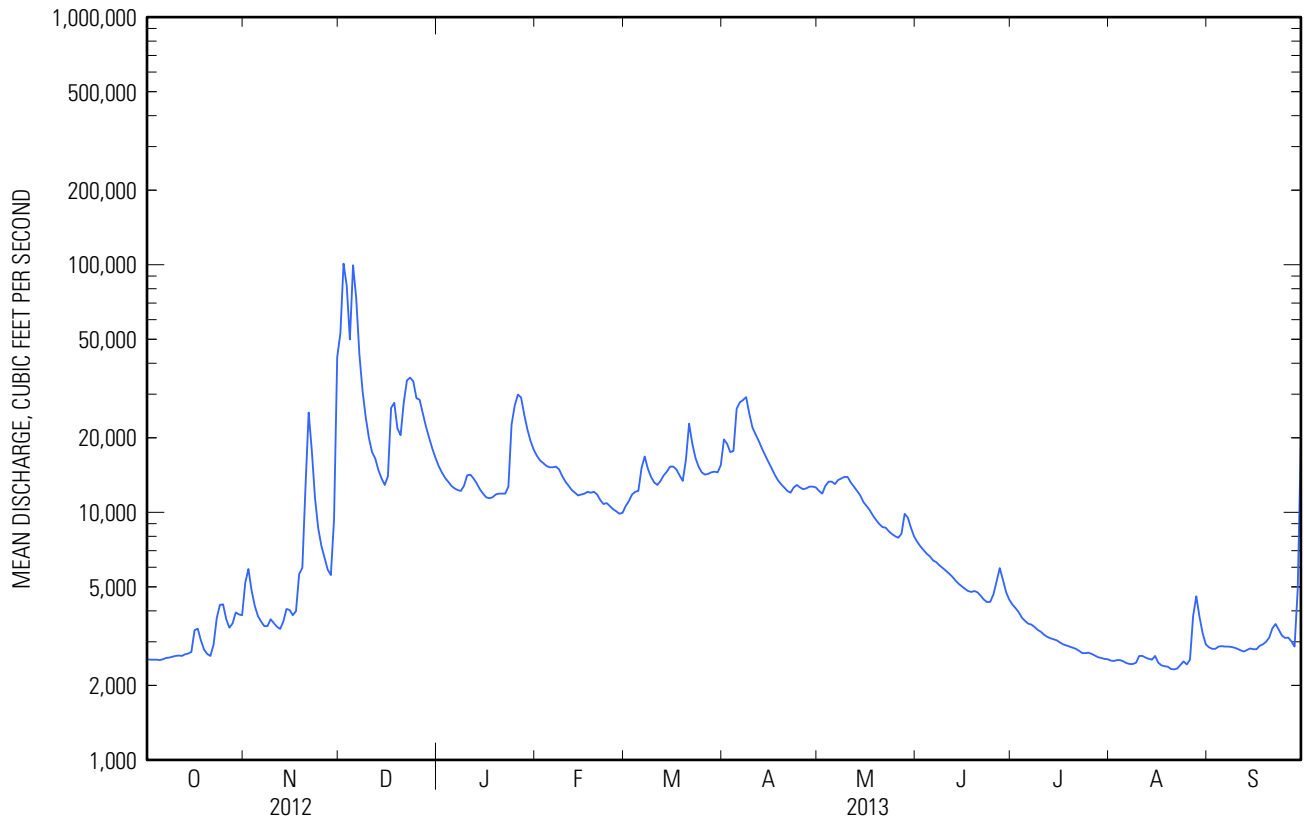
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	4,637	12,740	25,610	32,210	30,960	32,330	25,860	20,190	11,550	4,848	3,162	3,180
Max	17,830	55,620	87,770	97,760	102,700	82,410	60,400	40,080	30,060	12,220	6,599	5,923
(WY)	(1963)	(1974)	(1965)	(1970)	(1986)	(1983)	(1974)	(1983)	(1998)	(1983)	(1983)	(1983)
Min	2,134	3,236	3,942	4,212	4,231	6,954	5,448	5,638	3,630	1,782	1,441	1,977
(WY)	(1995)	(1988)	(1977)	(1977)	(1977)	(1977)	(1977)	(1977)	(1977)	(1977)	(1977)	(1991)

SUMMARY STATISTICS

	Calendar Year 2012	Water Year 2013	Water Years 1963 - 2013
Annual total	6,124,500	3,977,910	
Annual mean	16,730	10,900	17,080
Highest annual mean			36,100 1983
Lowest annual mean			4,036 1977
Highest daily mean	136,000	Mar 31	101,000 Dec 2 420,000 Dec 23, 1964
Lowest daily mean	2,530	Oct 5	2,320 Aug 21 1,310 Sep 4, 1977
Annual seven-day minimum	2,540	Sep 30	2,370 Aug 17 1,370 Aug 18, 1977
Maximum peak flow			140,000 Dec 2 557,000 Dec 23, 1964
Maximum peak stage			30.83 Dec 2 ^a 55.30 Dec 23, 1964
Annual runoff (ac-ft)	12,150,000	7,890,000	12,370,000
10 percent exceeds	39,800	20,500	38,200
50 percent exceeds	10,200	8,650	9,760
90 percent exceeds	3,090	2,620	2,860

^a From Floodmarks.

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1951-95, 2002 to current year.

CHEMICAL DATA: Water years 1951-95, 2002-03 (seasonal records only).

BIOLOGICAL DATA: Water years 1975-81.

SEDIMENT DATA: Water years 1955-56, 1975-95.

PERIOD OF DAILY RECORD.--

DISSOLVED OXYGEN: July 2002 to November 2003 (seasonal records only).

pH: July 2002 to November 2003 (seasonal records only).

SPECIFIC CONDUCTANCE: October 1974 to September 1981 (once daily), July 2002 to November 2003 (seasonal records only).

WATER TEMPERATURE: November 1965 to September 1981, July 2002 to September 2003 (seasonal records only), October 2003 to current year.

INSTRUMENTATION.--Temperature recorder since October 2003. Electronic data logger with 15 minute interval.

REMARKS.--Water temperature records rated good.

EXTREMES FOR PERIOD OF DAILY RECORD.--

DISSOLVED OXYGEN: Maximum recorded, 13.6 mg/L, Nov. 24, 26, 2003; minimum recorded, 6.7 mg/L, July 12, Aug. 29, Sept. 14, 2002.

pH: Maximum recorded, 9.0 standard units, Nov. 5, 11, 2003; minimum recorded, 7.7 standard units, June 27-30, 2003.

SPECIFIC CONDUCTANCE: Maximum recorded, 211 microsiemens, Oct. 23, 25, 2002; minimum recorded, 87 microsiemens, June 9, 2003.

WATER TEMPERATURE: Maximum recorded, 27.0°C, Sept. 12, 1979; minimum recorded, 2.3°C, Dec. 10, 2009.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum recorded, 24.9°C, July 3, 4; minimum recorded, 3.6°C, Jan. 16.

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TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	19.4	18.4	18.9	14.2	13.6	13.9	10.2	10.0	10.1	6.6	6.1	6.4
2	19.2	18.2	18.7	13.7	13.0	13.2	10.5	10.1	10.4	6.1	5.7	6.0
3	19.2	18.1	18.6	13.3	12.7	13.0	10.3	10.0	10.1	5.7	5.5	5.6
4	18.7	18.1	18.3	13.9	12.8	13.2	10.0	10.0	10.0	5.8	5.4	5.5
5	18.4	17.7	18.0	14.2	13.1	13.7	10.3	10.0	10.2	5.7	5.5	5.6
6	18.4	17.4	17.8	14.3	13.4	14.0	10.3	10.0	10.2	6.1	5.6	5.8
7	18.1	17.3	17.7	14.2	13.8	14.0	10.0	9.1	9.5	6.4	5.9	6.2
8	17.6	16.9	17.2	13.9	12.5	13.1	9.1	8.5	8.6	7.1	6.4	6.7
9	17.4	16.5	17.0	12.5	11.8	12.0	8.5	7.8	8.1	7.2	6.9	7.1
10	17.0	16.2	16.6	11.8	11.1	11.4	8.1	7.7	7.8	6.9	6.4	6.6
11	16.4	15.7	16.3	11.2	10.4	10.6	8.1	7.8	7.9	6.4	6.2	6.3
12	16.4	15.8	16.0	10.6	10.3	10.5	8.3	8.0	8.1	6.2	5.6	6.0
13	16.9	16.0	16.4	10.9	10.4	10.5	8.0	7.5	7.8	5.6	4.8	5.3
14	17.2	16.7	16.9	11.1	10.3	10.8	7.5	7.2	7.4	4.8	4.0	4.5
15	17.2	16.9	17.0	10.9	10.3	10.7	7.2	6.9	7.0	4.2	3.7	3.9
16	17.3	17.1	17.2	11.0	10.4	10.7	7.0	6.8	6.8	4.3	3.6	3.8
17	17.4	16.6	17.2	11.0	10.7	10.9	7.6	7.0	7.5	4.5	3.7	4.0
18	17.4	16.3	16.8	10.7	10.3	10.4	7.6	6.8	7.2	4.6	3.9	4.2
19	16.7	15.9	16.0	10.4	10.2	10.3	6.8	6.6	6.6	4.6	4.0	4.2
20	16.6	15.9	16.1	10.5	10.3	10.5	6.6	6.5	6.5	4.6	4.0	4.1
21	16.0	15.0	15.2	10.4	9.9	10.2	6.8	6.5	6.6	4.6	3.9	4.1
22	15.2	13.9	14.7	9.9	9.3	9.6	6.7	6.4	6.6	4.6	4.0	4.3
23	13.9	13.4	13.6	9.5	9.0	9.2	7.2	6.6	6.8	5.2	4.3	4.7
24	13.4	12.4	12.8	9.5	8.9	9.2	7.3	7.0	7.2	6.2	5.2	5.6
25	12.9	12.0	12.6	10.0	9.4	9.7	7.3	7.2	7.2	7.0	6.2	6.6
26	12.6	11.8	12.1	10.2	9.4	9.8	7.3	6.9	7.1	7.2	7.0	7.0
27	12.9	12.0	12.2	10.2	9.6	9.9	7.4	7.0	7.1	7.1	6.7	6.9
28	13.8	12.5	12.9	10.0	9.7	9.8	7.3	7.1	7.3	6.7	6.5	6.6
29	14.5	13.4	13.8	10.2	9.7	9.8	7.3	7.0	7.1	6.9	6.6	6.7
30	14.6	13.9	14.2	10.2	9.9	9.9	7.2	6.8	7.1	7.1	6.8	6.9
31	14.6	13.9	14.0	---	---	---	6.8	6.6	6.7	7.0	6.5	6.7
Max	19.4	18.4	18.9	14.3	13.8	14.0	10.5	10.1	10.4	7.2	7.0	7.1
Min	12.6	11.8	12.1	9.5	8.9	9.2	6.6	6.4	6.5	4.2	3.6	3.8

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TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

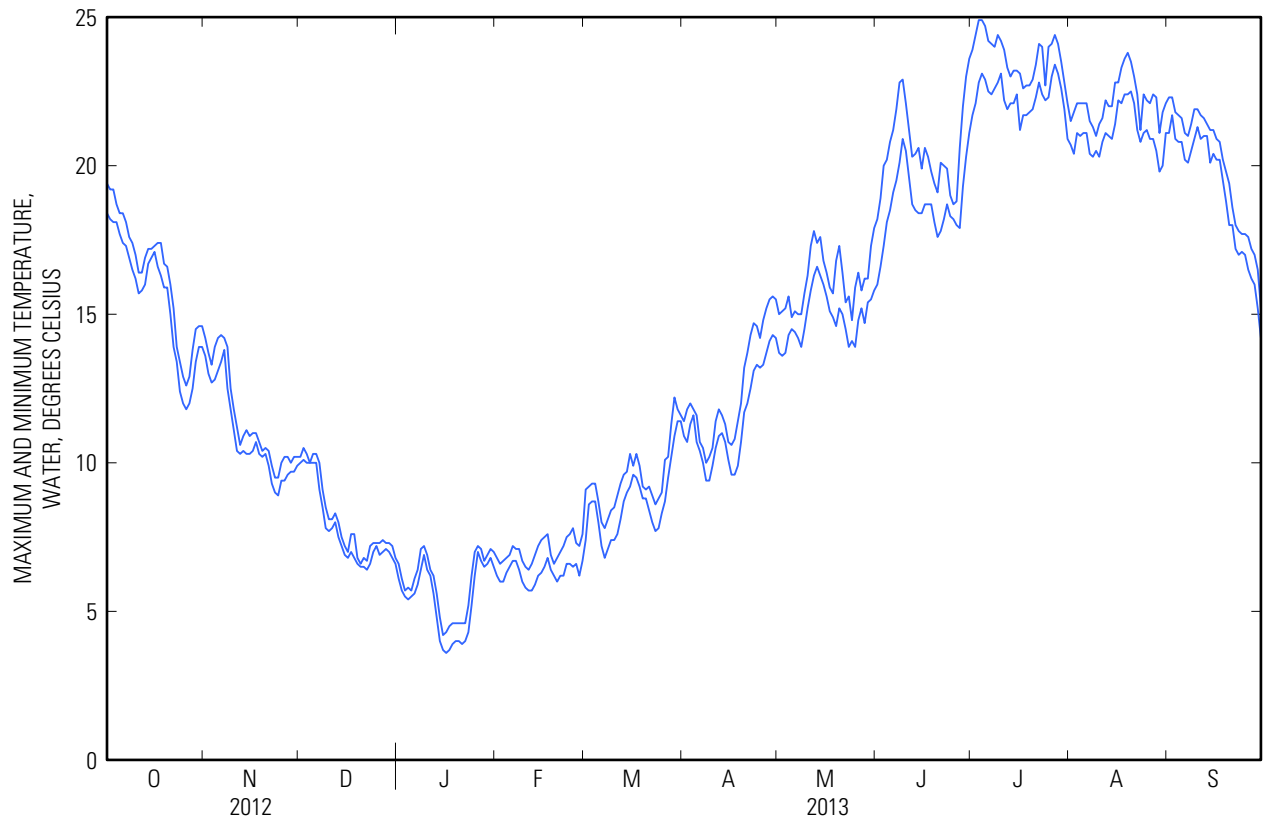
Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	6.8	6.2	6.4	9.1	7.4	8.2	11.4	10.9	11.2	15.0	13.7	14.3
2	6.6	6.0	6.2	9.2	8.6	8.9	11.8	10.7	11.0	15.1	13.6	14.1
3	6.7	6.0	6.3	9.3	8.7	8.8	12.0	11.3	11.4	15.2	13.7	14.2
4	6.8	6.3	6.5	9.3	8.7	8.9	11.8	11.6	11.6	15.6	14.3	14.6
5	6.9	6.5	6.7	8.7	8.0	8.5	11.6	10.7	11.1	14.9	14.5	14.7
6	7.2	6.7	6.9	8.0	7.2	7.7	10.7	10.4	10.6	15.1	14.4	14.5
7	7.1	6.7	7.0	7.8	6.8	7.2	10.5	10.0	10.2	15.0	14.2	14.4
8	7.1	6.4	6.7	8.1	7.1	7.5	10.0	9.4	9.7	15.0	13.9	14.2
9	6.7	6.0	6.4	8.4	7.4	7.6	10.2	9.4	9.7	15.7	14.5	14.8
10	6.5	5.8	6.1	8.5	7.4	7.7	10.5	9.9	10.0	16.3	15.2	15.4
11	6.4	5.7	5.9	8.9	7.6	8.0	11.4	10.5	10.8	17.3	15.8	16.3
12	6.6	5.7	6.1	9.3	8.1	8.6	11.8	10.9	11.1	17.8	16.3	16.6
13	6.9	5.9	6.3	9.6	8.7	8.8	11.6	11.0	11.2	17.4	16.6	16.8
14	7.2	6.2	6.6	9.7	9.0	9.2	11.3	10.7	11.1	17.6	16.3	16.6
15	7.4	6.3	6.8	10.3	9.2	9.4	10.7	10.1	10.5	16.8	16.0	16.2
16	7.5	6.5	6.9	9.9	9.6	9.7	10.6	9.6	10.0	16.4	15.6	15.9
17	7.6	6.8	7.0	10.3	9.5	9.7	10.8	9.6	10.0	15.9	15.1	15.4
18	6.9	6.4	6.8	9.9	9.2	9.4	11.4	9.9	10.3	15.7	14.9	15.2
19	6.6	6.2	6.3	9.2	8.8	9.1	12.0	10.7	11.0	16.8	14.6	15.4
20	6.8	6.0	6.2	9.1	8.8	9.0	13.2	11.7	12.0	17.3	15.2	15.9
21	7.0	6.2	6.4	9.2	8.4	8.8	13.7	12.0	12.3	16.4	15.0	15.6
22	7.2	6.2	6.7	8.9	8.0	8.4	14.3	12.5	13.0	15.4	14.5	14.9
23	7.5	6.6	7.0	8.6	7.7	8.0	14.7	13.1	13.5	15.6	13.9	14.6
24	7.6	6.6	6.9	8.8	7.8	8.0	14.6	13.3	13.7	14.8	14.1	14.5
25	7.8	6.5	7.1	9.0	8.3	8.6	14.2	13.2	13.6	15.9	13.9	14.6
26	7.3	6.6	6.9	10.1	8.7	9.2	14.8	13.3	13.7	16.4	14.8	15.2
27	7.2	6.2	6.6	10.2	9.5	9.8	15.2	13.7	14.1	15.8	15.2	15.4
28	7.6	6.7	7.1	11.3	10.2	10.8	15.5	14.1	14.5	16.2	14.7	15.2
29	---	---	---	12.2	10.9	11.2	15.6	14.3	14.7	16.2	15.4	15.7
30	---	---	---	11.8	11.4	11.6	15.5	14.2	14.6	17.3	15.5	16.3
31	---	---	---	11.6	11.4	11.5	---	---	---	17.9	15.8	16.6
Max	7.8	6.8	7.1	12.2	11.4	11.6	15.6	14.3	14.7	17.9	16.6	16.8
Min	6.4	5.7	5.9	7.8	6.8	7.2	10.0	9.4	9.7	14.8	13.6	14.1

11530500 Klamath River near Klamath, CA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	18.2	16.0	17.0	23.9	21.7	22.9	21.5	20.7	21.0	22.3	21.1	21.8
2	18.9	16.6	17.5	24.4	22.1	23.3	21.8	20.4	21.1	22.3	21.7	22.0
3	20.0	17.3	18.4	24.9	22.8	24.0	22.1	21.1	21.7	21.8	20.9	21.6
4	20.2	18.1	19.1	24.9	23.1	24.2	22.1	21.0	21.6	21.7	20.8	21.4
5	20.8	18.5	19.5	24.7	22.9	24.1	22.1	21.1	21.6	21.6	20.8	21.0
6	21.2	19.1	20.1	24.2	22.5	23.6	22.1	21.1	21.5	21.1	20.2	20.9
7	21.9	19.5	20.6	24.1	22.4	23.5	21.5	20.4	21.0	21.0	20.1	20.8
8	22.8	20.1	21.2	24.0	22.6	23.5	21.3	20.3	20.7	21.4	20.5	20.9
9	22.9	20.9	22.0	24.4	22.8	23.8	21.0	20.5	20.7	21.9	20.9	21.5
10	22.1	20.5	21.3	24.2	23.1	23.7	21.4	20.3	20.6	21.9	21.3	21.6
11	21.2	19.6	20.3	23.9	22.2	23.2	21.6	20.8	21.2	21.7	20.9	21.1
12	20.3	18.7	19.5	23.3	21.9	22.8	22.2	21.1	21.7	21.6	21.0	21.3
13	20.4	18.5	19.3	23.0	22.1	22.8	22.0	21.0	21.5	21.4	21.0	21.1
14	20.6	18.4	19.5	23.2	22.1	22.8	22.0	20.9	21.5	21.2	20.1	20.5
15	19.9	18.4	19.4	23.2	22.4	23.0	22.8	21.4	22.1	21.2	20.4	20.7
16	20.6	18.7	19.5	23.1	21.2	21.8	22.8	22.2	22.4	20.9	20.2	20.6
17	20.3	18.7	19.8	22.6	21.7	22.1	23.3	22.1	22.8	20.8	20.2	20.4
18	19.8	18.7	19.3	22.7	21.7	22.5	23.6	22.4	23.0	20.2	19.5	19.9
19	19.4	18.1	18.8	22.7	21.8	22.6	23.8	22.4	23.1	19.8	18.8	19.4
20	19.1	17.6	18.2	22.9	21.9	22.7	23.5	22.5	22.9	19.4	18.0	18.3
21	20.1	17.8	18.8	23.4	22.3	22.8	23.0	22.1	22.5	18.6	18.0	18.3
22	20.0	18.2	19.4	24.1	22.8	23.4	22.4	21.2	21.7	18.0	17.2	17.4
23	19.9	18.7	19.0	24.0	22.4	23.3	21.2	20.8	20.9	17.8	17.0	17.4
24	19.0	18.3	18.6	22.7	22.2	22.4	22.4	21.1	21.7	17.7	17.1	17.5
25	18.7	18.2	18.5	24.0	22.3	23.1	22.2	21.2	21.6	17.7	17.0	17.5
26	18.8	18.0	18.4	24.1	23.0	23.8	22.1	20.9	21.5	17.6	16.5	17.3
27	20.6	17.9	18.6	24.4	23.4	24.0	22.4	20.9	21.6	17.2	16.2	16.8
28	22.0	19.3	20.2	24.1	23.1	23.6	22.3	20.5	21.4	17.0	16.0	16.3
29	23.0	20.3	21.4	23.5	22.6	23.0	21.1	19.8	20.3	16.5	15.2	16.3
30	23.6	21.1	22.3	22.8	21.9	22.1	21.8	20.0	20.6	15.2	14.2	14.7
31	---	---	---	22.1	20.9	21.5	22.1	21.1	21.8	---	---	---
Max	23.6	21.1	22.3	24.9	23.4	24.2	23.8	22.5	23.1	22.3	21.7	22.0
Min	18.2	16.0	17.0	22.1	20.9	21.5	21.0	19.8	20.3	15.2	14.2	14.7

11530500 Klamath River near Klamath, CA—Continued



11530500 Klamath River near Klamath, CA—Continued

CROSS SECTION ANALYSES
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
 [ft, feet; °C, degrees Celsius]

Sample date-time	Tempera- ture, water, °C (00010)	Depth to bottom at sample location, ft (81903)	Sampling depth, ft (00003)	Stream width, ft (00004)	Location in cross section, distance from left bank looking downstream, ft (00009)
05-06-2013 1230	14.6	6.40	3.20	490	151
05-06-2013 1233	14.5	9.70	4.80	490	234
05-06-2013 1235	14.6	10.9	5.40	490	287
05-06-2013 1238	14.6	9.00	4.50	490	342
05-06-2013 1243	14.6	8.00	4.00	490	415
06-20-2013 1126	17.9	4.30	3.44	388	122
06-20-2013 1128	17.9	4.30	.86	388	122
06-20-2013 1131	17.9	8.40	6.72	388	185
06-20-2013 1132	17.9	8.40	1.68	388	185
06-20-2013 1134	17.8	9.30	7.44	388	222
06-20-2013 1135	17.8	9.30	1.86	388	222
06-20-2013 1138	17.8	8.50	6.80	388	270
06-20-2013 1139	17.9	8.50	1.70	388	270
06-20-2013 1141	17.9	6.10	4.88	388	328
06-20-2013 1142	17.9	6.10	1.22	388	328

Note: Instantaneous discharge at the mean time of cross-sectional measurements:

May 6, 13,000 ft³/s; June 20, 4,760 ft³/s.