

11455780 Suisun Bay at Benicia Bridge, near Benicia, CA

San Francisco Bay

LOCATION.--Lat 38°02'42", long 122°07'32" referenced to North American Datum of 1927, Solano County, CA, Hydrologic Unit 18050001, unsurveyed, at north side of bridge pier 7, directly under Benicia Bridge.

WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.--May 2001 to current year.

SPECIFIC CONDUCTANCE: May 2001 to current year.

WATER TEMPERATURE: May 2001 to current year.

INSTRUMENTATION.--Water-quality monitor since May 2001.

REMARKS.--Interruptions in record were due to malfunction of sensing and (or) recording instruments. Upper probes are set about 6 ft below water surface at Mean Lower Low Water (MLLW). Lower probes are set about 55 ft below MLLW. MLLW is about 80 ft at the site but about 60 ft immediately adjacent, which is why the lower probes are set about 25 ft above the bottom.

The upper specific conductivity record is rated excellent except for the following periods of fouling: June 17-29, Sept. 12, which are rated good.

The lower specific conductivity record is rated excellent except for the following periods of fouling: June 28, 29, Sept. 3-6, which are rated good.

The upper water temperature records are rated excellent.

The lower water temperature records are rated excellent.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: (Upper probe) Maximum recorded, 37,800 microsiemens, July 28, 2008; minimum recorded, 49 microsiemens, June 18, 2006.

(Lower probe) Maximum recorded, 38,300 microsiemens, Aug. 25, 2008; minimum recorded, 113 microsiemens, Jan. 3, 2006.

WATER TEMPERATURE: (Upper probe) Maximum recorded, 24.5°C, June 22, July 21, 25, 2006; minimum recorded, 7.0°C, Jan. 13, 16-18, 2007.

(Lower probe) Maximum recorded, 24.0°C, July 24-26, 2006; minimum recorded, 7.5°C, Jan. 6, 2004, several days in January, 2007.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: (Upper probe) Maximum recorded, 37,800 microsiemens, July 28; minimum recorded, 331 microsiemens, Feb. 4.

(Lower probe) Maximum recorded, 38,300 microsiemens, Aug. 25; minimum recorded, 502 microsiemens, Feb. 7.

WATER TEMPERATURE: (Upper probe) Maximum recorded, 23.0°C, Aug. 28; minimum recorded, 7.5°C, Jan. 24, 25.

(Lower probe) Maximum recorded, 22.5°C, Sept. 6, 7; minimum recorded, 8.0°C, many days in January and February.

11455780 Suisun Bay at Benicia Bridge, near Benicia, CA—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
(UPPER PROBE - 71 FT FROM BED)
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

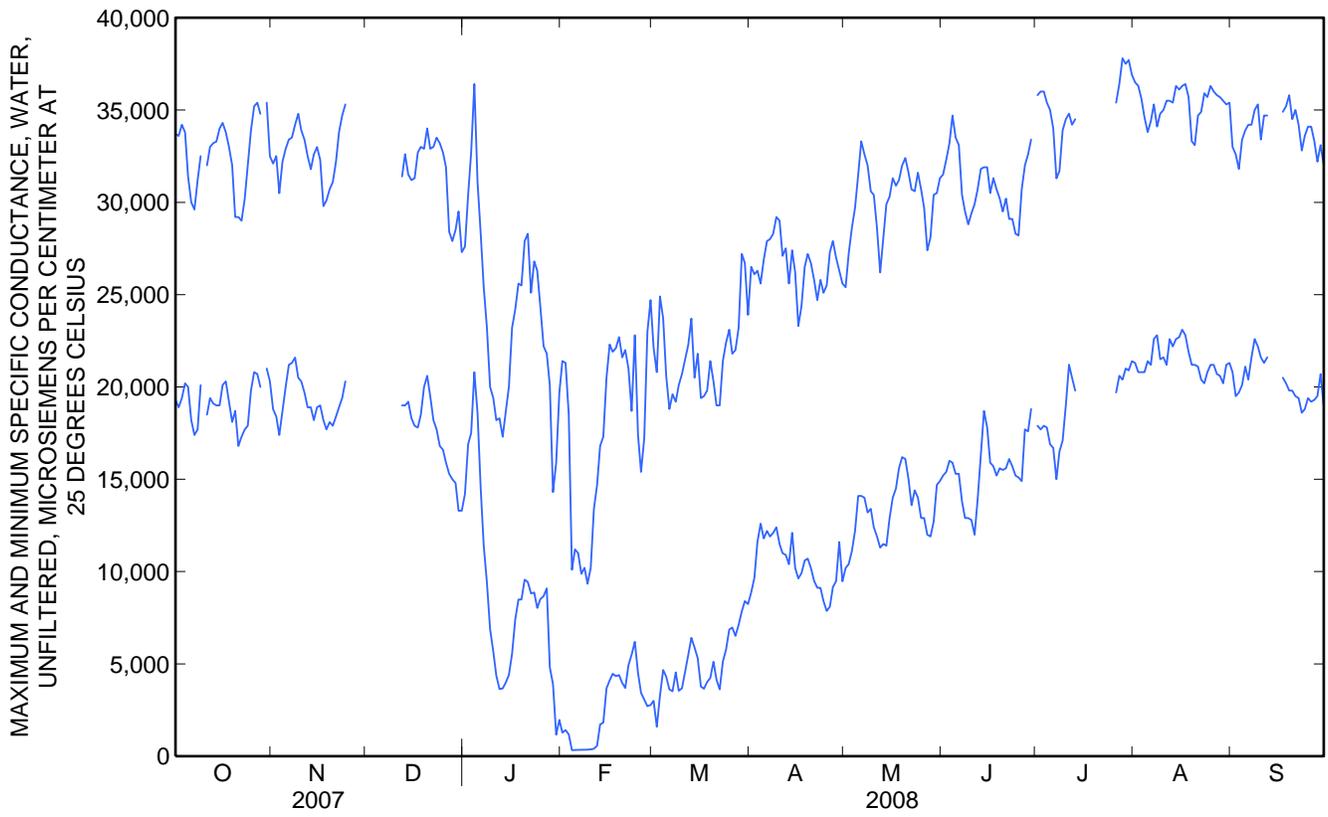
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	33,700	19,300	32,100	18,800	---	---	27,600	14,200	21,400	1,280	22,100	3,000
2	33,600	18,900	32,500	18,400	---	---	30,400	16,900	21,300	1,420	20,800	1,600
3	34,200	19,400	30,500	17,400	---	---	32,700	17,500	18,500	1,180	24,900	3,290
4	33,800	20,200	32,200	18,700	---	---	36,400	20,800	10,100	331	23,700	4,670
5	31,400	20,000	32,900	20,000	---	---	31,100	18,600	11,200	342	20,600	4,310
6	30,000	18,200	33,400	21,200	---	---	28,300	14,500	11,000	348	18,800	3,620
7	29,600	17,400	33,500	21,300	---	---	25,400	11,400	9,880	339	19,600	3,520
8	31,200	17,700	34,200	21,600	---	---	23,200	9,400	10,200	359	19,200	4,540
9	32,500	20,100	34,800	20,500	---	---	20,000	6,880	9,340	369	20,100	3,540
10	---	---	33,900	20,300	---	---	19,400	5,670	10,200	365	20,700	3,680
11	32,000	18,500	33,400	19,700	---	---	18,200	4,370	13,400	407	21,500	4,590
12	33,000	19,400	32,500	18,900	31,400	19,000	18,300	3,640	14,700	575	22,300	5,510
13	33,200	19,100	31,800	18,900	32,600	19,000	17,300	3,670	16,800	1,730	23,700	6,410
14	33,300	19,000	32,600	18,200	31,500	19,200	18,700	4,000	17,300	1,820	20,500	5,900
15	34,000	19,000	33,000	18,900	31,200	18,300	20,000	4,410	20,500	3,670	21,800	5,310
16	34,300	20,100	32,300	19,000	31,300	17,900	23,200	5,550	22,300	4,110	19,400	3,780
17	33,800	20,300	29,800	18,200	32,700	17,800	24,200	7,410	21,900	4,470	19,500	3,660
18	33,000	19,200	30,100	17,700	33,000	18,500	25,600	8,490	22,100	4,340	19,800	4,020
19	32,000	18,100	30,700	18,100	32,900	20,000	25,500	8,490	22,700	4,400	21,400	4,240
20	29,200	18,700	31,100	17,900	34,000	20,600	27,900	9,570	21,600	3,970	20,300	5,120
21	29,200	16,800	32,200	18,400	32,900	19,500	28,300	9,430	22,000	3,700	19,000	4,150
22	29,000	17,300	33,800	18,900	33,000	18,200	25,100	8,820	21,000	4,930	19,000	3,620
23	30,200	17,700	34,700	19,400	33,500	17,700	26,800	8,870	18,700	5,510	21,400	5,130
24	32,000	17,900	35,300	20,300	33,200	16,800	26,300	8,030	22,800	6,200	22,400	5,780
25	33,900	19,800	---	---	32,700	16,600	24,300	8,520	17,400	4,520	23,100	6,860
26	35,200	20,800	---	---	31,900	15,900	22,200	8,670	15,400	3,430	21,800	6,970
27	35,400	20,700	---	---	28,400	15,300	21,800	9,090	17,200	3,070	22,000	6,520
28	34,800	20,000	---	---	27,900	15,000	20,100	4,820	23,000	2,710	23,200	7,120
29	---	---	---	---	28,500	14,800	14,300	3,910	24,700	2,780	27,200	7,850
30	35,400	21,000	---	---	29,500	13,300	15,900	1,170	---	---	26,700	8,400
31	32,500	20,300	---	---	27,300	13,300	19,700	1,970	---	---	23,900	8,240
Month	---	---	---	---	---	---	36,400	1,170	24,700	331	27,200	1,600

11455780 Suisun Bay at Benicia Bridge, near Benicia, CA—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
(UPPER PROBE - 71 FT FROM BED)
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Max	Min								
	April		May		June		July		August		September	
1	26,500	8,880	25,400	10,200	31,500	15,200	35,800	17,900	36,500	21,300	33,000	20,800
2	26,100	9,660	27,200	10,400	32,300	15,400	36,000	17,700	36,300	20,800	32,600	19,500
3	26,300	11,600	28,600	11,100	33,200	16,000	36,000	17,900	35,600	20,800	31,800	19,700
4	25,600	12,600	29,700	12,200	34,700	15,900	35,400	17,800	34,600	20,800	33,400	20,100
5	26,900	11,800	31,500	14,100	33,500	15,300	35,000	16,900	33,800	21,400	33,900	21,100
6	27,900	12,200	33,300	14,100	33,100	15,300	34,000	16,700	34,400	21,200	34,200	20,400
7	28,000	11,900	32,600	14,000	30,400	13,800	31,300	15,000	35,300	22,600	34,200	21,600
8	28,300	12,100	32,000	13,200	29,500	12,900	31,700	16,500	34,100	22,800	35,000	22,600
9	29,200	12,400	30,600	13,400	28,800	12,900	33,900	17,100	34,800	21,500	35,300	22,200
10	29,000	11,500	30,400	12,400	29,400	12,800	34,500	19,000	35,000	21,600	33,400	21,600
11	27,100	11,000	28,600	11,900	29,900	12,000	34,800	21,200	35,500	21,200	34,700	21,300
12	27,500	10,900	26,200	11,300	30,700	13,900	34,200	20,500	35,500	22,600	34,700	21,600
13	25,600	10,400	28,100	11,500	31,800	16,300	34,500	19,800	35,400	22,200	---	---
14	27,400	12,100	29,900	11,400	31,900	18,700	---	---	36,300	22,600	---	---
15	26,200	10,200	30,300	12,900	31,900	17,800	---	---	36,100	22,700	---	---
16	23,300	9,630	31,300	14,000	30,500	15,900	---	---	36,300	23,100	---	---
17	24,400	9,920	30,900	14,500	31,300	15,700	---	---	36,400	22,800	34,900	20,500
18	26,500	10,600	31,200	15,600	30,700	15,200	---	---	35,700	21,900	35,200	20,200
19	27,200	10,700	32,000	16,200	30,200	15,600	---	---	33,300	21,200	35,800	19,800
20	26,700	10,200	32,400	16,100	29,500	15,500	---	---	33,100	21,200	34,500	19,800
21	25,800	9,500	31,600	15,000	30,200	15,600	---	---	34,700	21,100	35,000	19,500
22	24,700	9,130	30,700	13,600	29,100	16,100	---	---	34,900	20,400	34,200	19,400
23	25,800	9,120	30,600	14,400	29,100	15,700	---	---	35,900	20,200	32,800	18,600
24	25,100	8,400	31,600	14,000	28,300	15,200	---	---	35,700	20,800	33,600	18,800
25	25,500	7,870	30,700	12,900	28,200	15,100	---	---	36,300	21,200	34,100	19,400
26	27,300	8,100	29,700	12,900	30,700	14,900	35,400	19,700	36,000	21,200	34,100	19,200
27	27,900	9,160	27,400	12,000	32,000	17,700	36,400	20,600	35,800	20,700	33,300	19,300
28	27,000	9,480	28,100	11,900	32,600	17,600	37,800	20,400	35,700	20,600	32,200	19,500
29	26,300	11,600	30,400	12,700	33,400	18,800	37,500	21,000	35,500	20,200	33,100	20,700
30	25,600	9,470	30,500	14,700	---	---	37,700	20,900	35,300	21,200	32,000	18,900
31	---	---	31,300	14,900	---	---	36,900	21,400	35,400	21,300	---	---
Month	29,200	7,870	33,300	10,200	---	---	---	---	36,500	20,200	---	---

11455780 Suisun Bay at Benicia Bridge, near Benicia, CA—Continued



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(LOWER PROBE - 19 FT FROM BED)
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	36,700	20,200	36,300	20,800	---	---	33,700	20,200	25,500	2,170	31,000	4,460
2	37,500	20,700	34,800	20,200	---	---	35,400	20,500	28,000	2,010	27,100	3,330
3	37,000	20,500	34,300	19,300	---	---	35,300	20,400	22,500	1,780	32,500	4,150
4	36,700	21,300	34,000	21,800	---	---	38,000	23,600	15,400	760	28,400	5,870
5	34,800	21,300	35,100	23,700	---	---	34,300	19,600	19,600	633	26,600	5,540
6	34,000	19,600	35,400	24,700	---	---	31,200	16,500	17,500	537	23,600	5,350
7	34,000	19,600	35,600	24,300	---	---	29,500	13,200	15,000	502	22,300	5,100
8	33,500	20,700	36,300	23,100	---	---	28,600	11,000	13,700	517	20,600	6,640
9	34,700	23,600	36,700	22,100	---	---	25,600	8,660	14,100	545	21,700	6,410
10	---	---	36,900	22,200	---	---	26,100	6,970	12,500	545	22,900	6,140
11	33,800	21,400	36,800	21,000	---	---	24,200	5,760	15,100	623	23,100	5,790
12	35,700	21,700	36,300	20,400	36,400	20,200	22,000	4,730	19,500	1,570	24,700	6,270
13	35,800	21,600	36,600	20,400	36,500	20,200	20,400	4,650	23,100	3,010	26,300	7,090
14	36,200	21,700	36,800	20,400	35,600	20,100	22,300	4,960	25,700	3,270	25,400	6,880
15	37,000	22,200	36,600	20,400	34,600	19,600	26,400	6,670	28,200	4,350	25,700	6,110
16	37,300	22,400	36,100	20,400	34,700	19,100	28,600	8,760	28,000	4,660	24,700	4,670
17	36,400	21,600	34,700	20,300	34,400	21,700	29,000	9,570	27,300	5,300	25,600	4,400
18	35,000	20,400	33,400	20,000	35,000	22,700	29,500	9,760	26,100	5,630	24,400	4,900
19	35,800	19,500	33,200	20,900	34,800	22,300	29,500	9,410	25,000	5,790	24,100	6,840
20	33,300	20,400	33,500	21,600	35,500	21,800	29,500	10,400	24,100	5,330	21,600	7,010
21	32,100	18,800	34,000	20,500	34,700	20,800	29,500	9,950	24,500	6,070	20,500	6,440
22	32,000	18,900	35,600	20,500	34,900	19,600	---	---	22,600	6,400	21,800	6,410
23	32,400	20,300	36,700	21,200	35,400	18,900	---	---	20,400	6,790	24,500	8,320
24	33,800	20,700	37,400	21,400	35,300	18,400	29,100	9,560	24,400	8,070	25,500	10,000
25	35,900	21,800	---	---	34,700	17,700	27,900	10,400	21,100	6,090	26,100	9,220
26	37,400	21,900	---	---	33,600	17,400	24,400	10,200	20,900	4,390	26,000	8,860
27	37,500	21,900	---	---	32,600	16,800	23,500	10,200	27,300	3,910	25,700	7,800
28	37,200	21,800	---	---	32,900	16,300	24,000	7,020	32,000	5,030	29,900	8,750
29	---	---	---	---	31,900	16,000	20,100	4,920	32,700	4,990	30,900	10,200
30	37,700	22,300	---	---	31,100	16,900	23,900	2,740	---	---	32,700	9,880
31	37,100	21,800	---	---	32,600	18,400	29,500	3,390	---	---	29,100	9,800
Month	---	---	---	---	---	---	---	---	32,700	502	32,700	3,330

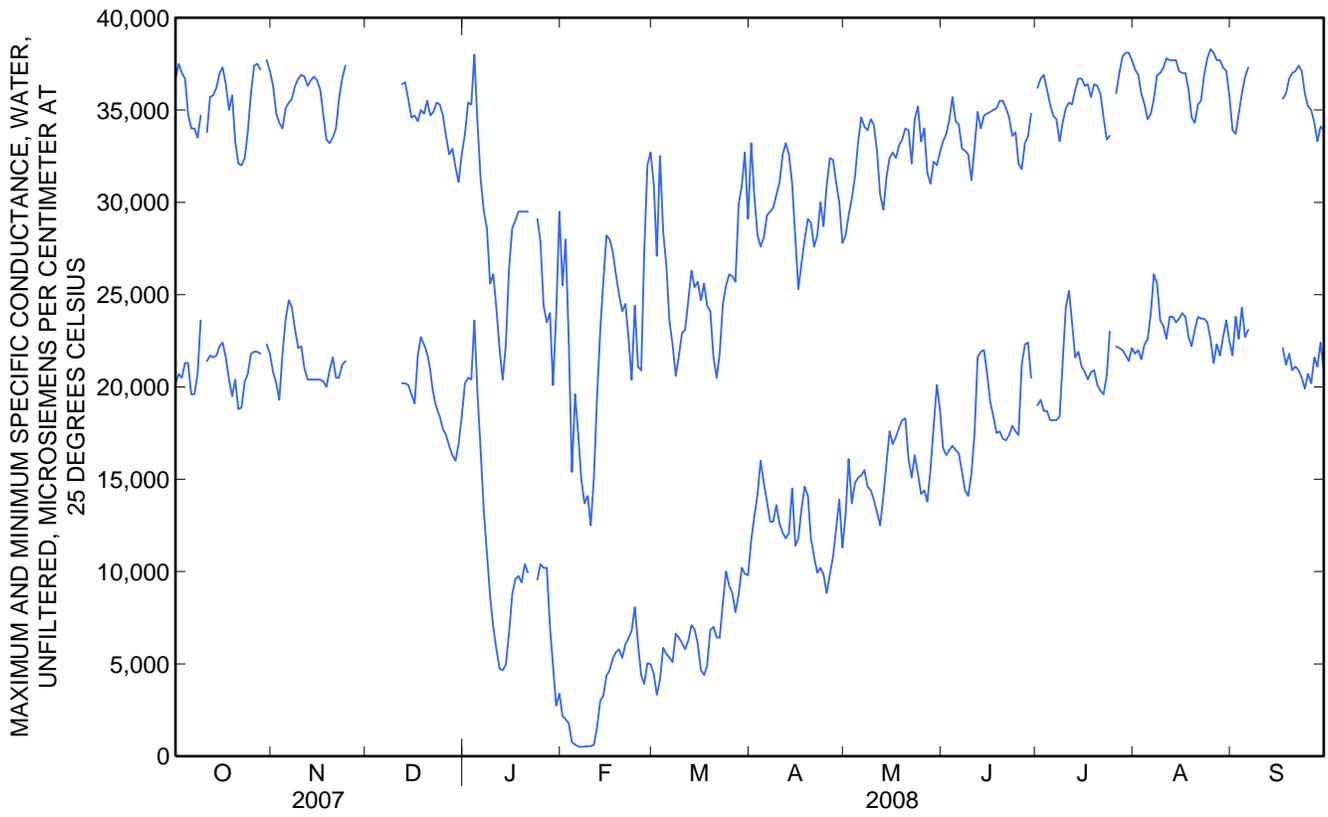
11455780 Suisun Bay at Benicia Bridge, near Benicia, CA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
(LOWER PROBE - 19 FT FROM BED)

WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Max	Min								
	April		May		June		July		August		September	
1	33,200	11,700	28,200	13,100	33,300	16,700	36,200	19,000	37,200	21,800	33,900	21,700
2	30,300	13,000	29,300	16,100	33,700	16,300	36,700	19,300	36,900	22,000	33,700	23,800
3	28,200	14,200	30,200	13,700	34,500	16,600	36,900	18,700	35,900	21,500	34,800	22,600
4	27,600	16,000	31,400	14,800	35,700	16,800	36,100	18,700	35,300	22,300	35,900	24,300
5	28,100	14,800	33,300	15,100	34,400	16,600	35,300	18,200	34,500	22,600	36,800	22,700
6	29,300	13,800	34,600	15,200	34,200	16,400	34,700	18,200	34,800	24,000	37,300	23,100
7	29,500	12,700	34,100	15,500	32,900	15,400	34,500	18,200	35,600	26,100	---	---
8	29,700	12,700	33,900	14,600	32,800	14,400	33,300	18,400	36,900	25,600	---	---
9	30,400	13,600	34,500	14,400	32,600	14,100	34,300	21,300	37,000	23,600	---	---
10	31,100	12,600	34,200	13,900	31,200	15,300	35,100	24,300	37,300	23,300	---	---
11	32,600	12,100	32,800	13,200	33,000	17,500	35,400	25,200	37,800	22,600	---	---
12	33,200	11,800	30,400	12,500	34,900	21,600	35,300	23,500	37,700	23,800	---	---
13	32,600	12,100	29,600	14,100	34,000	21,900	36,100	21,600	37,700	23,800	---	---
14	31,000	14,500	31,400	15,900	34,700	22,000	36,700	21,900	37,700	23,500	---	---
15	28,100	11,400	32,400	17,600	34,800	20,700	36,700	21,100	37,100	23,700	---	---
16	25,300	11,800	32,700	16,900	34,900	19,200	36,300	20,800	37,000	24,000	---	---
17	26,700	13,400	32,400	17,300	35,000	18,400	36,400	20,400	37,000	23,800	35,600	22,100
18	28,000	14,600	33,100	17,800	35,100	17,500	35,700	20,800	36,100	22,700	35,900	21,200
19	29,100	14,100	33,400	18,200	35,500	17,600	36,400	20,900	34,600	22,200	36,700	21,800
20	28,900	11,800	34,000	18,300	35,500	17,200	36,300	20,100	34,300	23,100	37,000	20,900
21	27,600	10,800	33,900	16,100	35,100	17,100	35,900	19,800	35,300	23,800	37,100	21,100
22	28,200	9,940	32,100	15,100	34,600	17,400	34,600	19,600	35,500	23,700	37,400	20,900
23	30,000	10,200	34,500	16,300	33,600	17,900	33,400	20,600	36,900	23,700	37,100	20,500
24	28,700	9,850	35,200	15,300	33,800	17,600	33,600	23,000	37,800	23,500	35,900	19,900
25	30,900	8,840	33,300	14,200	32,100	17,400	---	---	38,300	22,600	35,200	20,700
26	32,400	9,860	34,000	14,400	31,800	21,200	35,900	22,200	38,100	21,300	35,000	20,200
27	32,300	10,800	31,600	13,800	33,200	22,300	37,000	22,100	37,700	22,300	34,300	21,600
28	31,100	12,300	31,000	15,500	33,600	22,400	37,900	22,000	37,700	21,700	33,300	21,100
29	30,000	13,900	32,200	17,900	34,800	20,500	38,100	21,700	37,300	22,700	34,100	22,400
30	27,800	11,300	32,000	20,100	---	---	38,100	21,400	37,100	23,600	33,900	20,900
31	---	---	32,700	18,800	---	---	37,700	22,100	35,800	22,500	---	---
Month	33,200	8,840	35,200	12,500	---	---	---	---	38,300	21,300	---	---

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11455780 Suisun Bay at Benicia Bridge, near Benicia, CA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
(UPPER PROBE - 71 FT FROM BED)
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

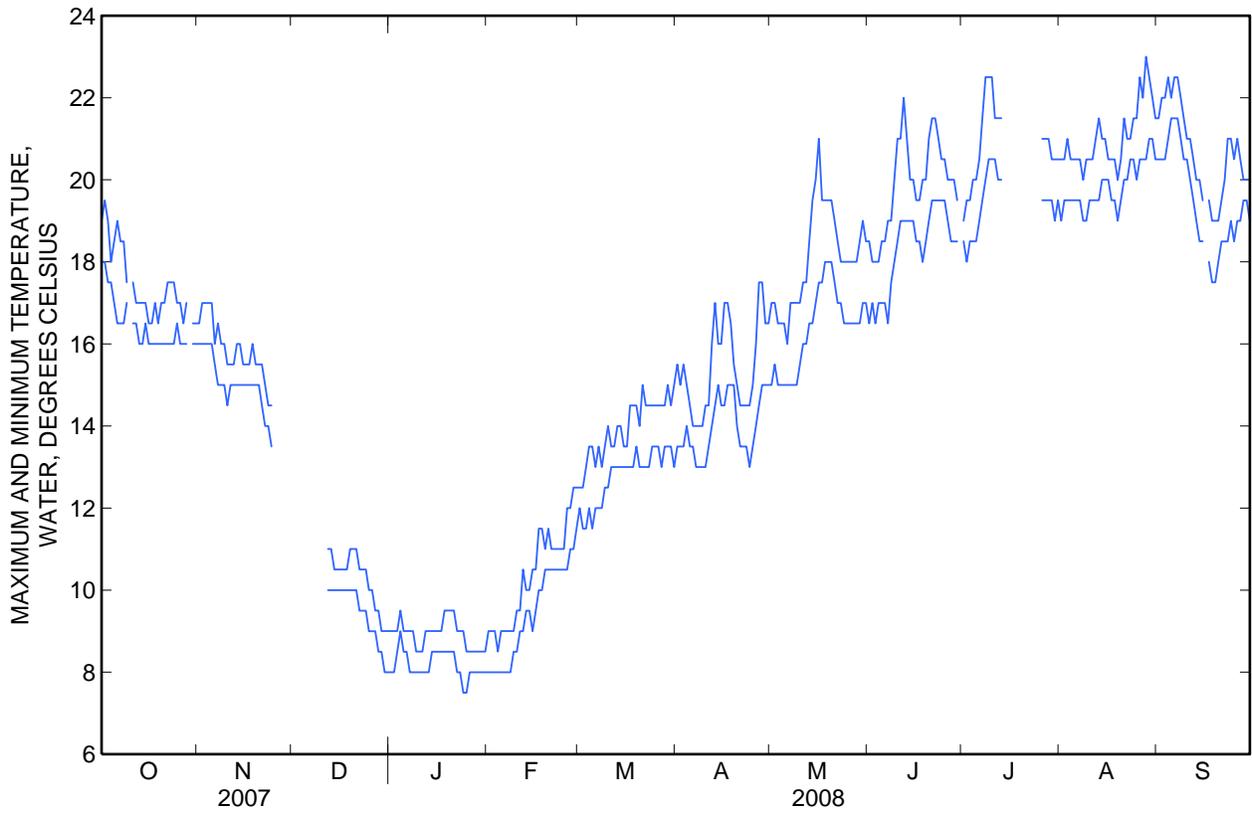
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	19.0	18.0	16.5	16.0	---	---	9.0	8.0	9.0	8.0	12.5	12.0
2	19.5	18.0	17.0	16.0	---	---	9.0	8.0	9.0	8.0	12.5	11.5
3	19.0	17.5	17.0	16.0	---	---	9.0	8.5	9.0	8.0	13.0	11.5
4	18.0	17.5	17.0	16.0	---	---	9.5	9.0	8.5	8.0	13.5	12.0
5	18.5	17.0	17.0	16.0	---	---	9.0	8.5	9.0	8.0	13.5	11.5
6	19.0	16.5	16.0	15.5	---	---	9.0	8.5	9.0	8.0	13.0	12.0
7	18.5	16.5	16.5	15.0	---	---	9.0	8.0	9.0	8.0	13.5	12.0
8	18.5	16.5	16.0	15.0	---	---	9.0	8.0	9.0	8.0	13.0	12.0
9	17.5	17.0	16.0	15.0	---	---	8.5	8.0	9.0	8.5	13.5	12.5
10	---	---	15.5	14.5	---	---	8.5	8.0	9.5	8.5	14.0	12.5
11	17.5	16.5	15.5	15.0	---	---	8.5	8.0	9.5	9.0	13.5	13.0
12	17.0	16.5	15.5	15.0	11.0	10.0	9.0	8.0	10.5	9.0	13.5	13.0
13	17.0	16.0	16.0	15.0	11.0	10.0	9.0	8.0	10.0	9.5	14.0	13.0
14	17.0	16.0	16.0	15.0	10.5	10.0	9.0	8.5	10.0	9.5	14.0	13.0
15	17.0	16.5	15.5	15.0	10.5	10.0	9.0	8.5	10.5	9.0	13.5	13.0
16	16.5	16.0	15.5	15.0	10.5	10.0	9.0	8.5	10.5	9.5	13.5	13.0
17	16.5	16.0	15.5	15.0	10.5	10.0	9.0	8.5	11.5	10.0	14.5	13.0
18	17.0	16.0	16.0	15.0	10.5	10.0	9.5	8.5	11.5	10.0	14.5	13.0
19	16.5	16.0	15.5	15.0	11.0	10.0	9.5	8.5	11.0	10.5	14.5	13.5
20	17.0	16.0	15.5	15.0	11.0	10.0	9.5	8.5	11.5	10.5	14.0	13.0
21	17.0	16.0	15.5	14.5	11.0	10.0	9.5	8.5	11.0	10.5	15.0	13.0
22	17.5	16.0	15.0	14.0	10.5	9.5	9.0	8.0	11.0	10.5	14.5	13.0
23	17.5	16.0	14.5	14.0	10.5	9.5	9.0	8.0	11.0	10.5	14.5	13.0
24	17.5	16.0	14.5	13.5	10.5	9.5	9.0	7.5	11.0	10.5	14.5	13.5
25	17.0	16.5	---	---	10.0	9.0	8.5	7.5	11.0	10.5	14.5	13.5
26	17.0	16.0	---	---	10.0	9.0	8.5	8.0	12.0	10.5	14.5	13.5
27	16.5	16.0	---	---	9.5	9.0	8.5	8.0	12.0	11.0	14.5	13.0
28	17.0	16.0	---	---	9.5	8.5	8.5	8.0	12.5	11.0	14.5	13.5
29	---	---	---	---	9.0	8.5	8.5	8.0	12.5	11.5	15.0	13.5
30	16.5	16.0	---	---	9.0	8.0	8.5	8.0	---	---	14.5	13.5
31	16.5	16.0	---	---	9.0	8.0	8.5	8.0	---	---	15.0	13.0
Month	---	---	---	---	---	---	9.5	7.5	12.5	8.0	15.0	11.5

11455780 Suisun Bay at Benicia Bridge, near Benicia, CA—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS
(UPPER PROBE - 71 FT FROM BED)
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	15.5	13.5	17.0	15.0	18.5	16.5	19.0	18.5	20.5	19.0	21.5	20.5
2	15.0	13.5	17.0	15.5	18.0	17.0	19.5	18.0	20.5	19.5	22.0	20.5
3	15.5	13.5	16.5	15.0	18.0	16.5	19.5	18.5	21.0	19.5	22.0	20.5
4	15.0	14.0	16.5	15.0	18.0	17.0	20.0	18.5	20.5	19.5	22.5	21.0
5	14.5	13.5	16.5	15.0	18.5	17.0	20.0	18.5	20.5	19.5	22.0	21.5
6	14.0	13.5	16.0	15.0	18.5	17.0	20.5	19.0	20.5	19.5	22.5	21.5
7	14.0	13.0	17.0	15.0	19.0	16.5	21.5	19.5	20.5	19.5	22.5	21.5
8	14.0	13.0	17.0	15.0	19.0	17.5	22.5	20.0	20.0	19.0	22.0	21.0
9	14.0	13.0	17.0	15.0	20.0	18.0	22.5	20.5	20.5	19.0	21.5	20.5
10	14.5	13.0	17.0	15.5	21.0	18.5	22.5	20.5	20.5	19.5	21.0	20.5
11	14.5	13.5	17.5	16.0	21.0	19.0	21.5	20.5	20.5	19.5	21.0	20.0
12	16.0	14.0	17.5	16.0	22.0	19.0	21.5	20.0	21.0	19.5	20.5	19.5
13	17.0	14.5	18.5	16.5	21.0	19.0	21.5	20.0	21.5	19.5	20.0	19.0
14	16.0	15.0	19.5	16.5	20.0	19.0	---	---	21.0	20.0	20.0	18.5
15	16.0	14.5	20.0	17.0	20.0	19.0	---	---	21.0	20.0	19.5	18.5
16	17.0	14.5	21.0	17.5	19.5	18.5	---	---	20.5	20.0	---	---
17	17.0	15.0	19.5	17.5	19.5	18.5	---	---	20.5	19.5	19.5	18.0
18	16.5	15.0	19.5	18.0	20.0	18.0	---	---	20.5	19.5	19.0	17.5
19	15.5	15.0	19.5	18.0	20.0	18.5	---	---	20.0	19.0	19.0	17.5
20	15.0	14.0	19.5	18.0	21.0	19.0	---	---	20.5	19.5	19.0	18.0
21	14.5	13.5	19.0	17.5	21.5	19.5	---	---	21.5	20.0	19.5	18.5
22	14.5	13.5	18.5	17.0	21.5	19.5	---	---	21.0	20.0	20.0	18.5
23	14.5	13.5	18.0	17.0	21.0	19.5	---	---	21.0	20.5	21.0	18.5
24	14.5	13.0	18.0	16.5	20.5	19.5	---	---	21.5	20.5	21.0	19.0
25	15.0	13.5	18.0	16.5	20.5	19.5	---	---	21.5	20.0	20.5	18.5
26	16.0	14.0	18.0	16.5	20.0	19.0	21.0	19.5	22.5	20.5	21.0	19.0
27	17.5	14.5	18.0	16.5	20.0	18.5	21.0	19.5	22.0	20.5	20.5	19.0
28	17.5	15.0	18.0	16.5	20.0	18.5	21.0	19.5	23.0	20.5	20.0	19.5
29	16.5	15.0	18.5	16.5	19.5	18.5	20.5	19.5	22.5	21.0	20.0	19.5
30	16.5	15.0	19.0	17.0	---	---	20.5	19.0	22.0	21.0	20.0	19.0
31	---	---	18.5	17.0	---	---	20.5	19.5	21.5	20.5	---	---
Month	17.5	13.0	21.0	15.0	---	---	---	---	23.0	19.0	---	---

11455780 Suisun Bay at Benicia Bridge, near Benicia, CA—Continued



11455780 Suisun Bay at Benicia Bridge, near Benicia, CA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
(LOWER PROBE - 19 FT FROM BED)
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	18.5	18.0	16.0	16.0	---	---	9.0	8.5	9.0	8.0	12.0	11.5
2	18.5	18.0	16.0	16.0	---	---	9.0	8.5	9.0	8.0	12.5	12.0
3	18.5	18.0	16.0	16.0	---	---	9.0	8.5	9.0	8.0	12.5	11.5
4	18.0	17.5	16.0	16.0	---	---	9.5	9.0	9.0	8.0	12.5	12.0
5	18.0	17.0	16.0	16.0	---	---	9.5	8.5	9.0	8.0	13.0	12.0
6	17.5	17.0	16.0	15.5	---	---	9.0	8.5	9.0	8.0	12.5	12.5
7	17.5	17.0	16.0	15.5	---	---	9.0	8.5	9.0	8.0	12.5	12.0
8	17.5	17.0	16.0	15.0	---	---	9.0	8.0	9.0	8.0	13.0	12.5
9	17.5	17.0	15.5	15.0	---	---	9.0	8.0	9.0	8.5	13.0	12.5
10	---	---	15.5	15.0	---	---	9.0	8.0	9.0	8.5	13.0	13.0
11	17.5	17.0	15.5	15.0	---	---	9.0	8.0	9.5	9.0	13.5	13.0
12	17.0	16.5	15.5	15.0	11.0	10.0	9.0	8.0	10.0	9.0	13.5	13.0
13	17.0	16.5	15.5	15.0	11.0	10.0	9.0	8.5	10.5	9.5	14.0	13.5
14	17.0	16.5	15.5	15.0	10.5	10.0	9.0	8.5	10.5	9.5	14.0	13.5
15	17.0	16.5	15.5	15.0	10.5	10.0	9.5	8.5	10.5	9.5	13.5	13.5
16	17.0	16.0	15.5	15.0	10.5	10.0	9.5	9.0	10.5	10.0	13.5	13.0
17	16.5	16.0	15.5	15.0	10.5	10.0	9.5	8.5	10.5	10.0	14.0	13.0
18	16.5	16.0	15.5	15.0	10.5	10.0	9.5	8.5	11.0	10.5	14.0	13.0
19	16.5	16.0	15.5	15.0	10.5	10.0	9.5	8.5	11.0	10.5	14.0	13.0
20	16.5	16.0	15.5	15.0	10.5	10.5	9.5	8.5	11.0	10.5	14.0	13.5
21	16.5	16.0	15.0	14.5	10.5	10.0	9.5	8.5	11.0	10.5	14.0	13.0
22	16.5	16.0	15.0	14.5	10.5	9.5	---	---	11.0	10.5	14.0	13.5
23	17.0	16.0	15.0	14.0	10.0	9.5	---	---	11.0	10.5	14.0	13.5
24	17.0	16.5	14.5	13.5	10.0	9.5	9.0	8.0	11.0	10.5	14.0	13.5
25	17.0	16.5	---	---	10.0	9.5	8.5	8.0	11.0	10.5	14.0	14.0
26	17.0	16.5	---	---	10.0	9.0	8.5	8.0	11.0	11.0	14.5	14.0
27	16.5	16.0	---	---	9.5	9.0	8.5	8.0	11.5	11.0	14.5	13.5
28	16.5	16.0	---	---	9.5	8.5	9.0	8.0	12.0	11.0	14.5	13.5
29	---	---	---	---	9.0	8.5	8.5	8.0	12.5	11.5	14.5	13.5
30	16.5	16.0	---	---	9.0	8.5	9.0	8.0	---	---	14.5	13.5
31	16.0	16.0	---	---	9.0	8.5	9.0	8.0	---	---	14.5	13.5
Month	---	---	---	---	---	---	---	---	12.5	8.0	14.5	11.5

11455780 Suisun Bay at Benicia Bridge, near Benicia, CA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
(LOWER PROBE - 19 FT FROM BED)
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	14.5	13.0	16.5	15.5	17.5	17.0	19.0	18.5	20.0	19.5	21.0	20.5
2	14.5	13.5	16.0	15.0	17.5	17.0	19.0	18.5	20.0	19.5	21.5	21.0
3	15.0	13.5	16.0	15.0	17.5	17.0	19.0	18.5	20.0	19.5	21.5	21.0
4	14.5	14.0	16.0	15.5	17.5	17.0	19.5	19.0	20.0	19.5	22.0	21.0
5	14.5	14.0	16.0	15.0	18.0	17.0	20.0	19.0	20.0	19.5	22.0	21.0
6	14.0	13.5	16.0	15.0	18.0	17.0	20.5	19.5	20.0	19.5	22.5	21.0
7	14.0	13.0	16.0	15.0	18.0	17.5	21.0	19.5	20.0	19.5	22.5	21.5
8	14.0	13.5	16.5	15.5	18.5	17.5	21.5	20.0	19.5	19.0	21.5	21.0
9	14.0	13.0	16.5	15.5	19.5	18.0	21.0	20.5	19.5	19.0	21.5	21.0
10	14.0	13.5	17.0	16.0	20.0	18.5	21.0	20.5	19.5	19.5	21.0	20.5
11	14.5	14.0	17.0	16.0	20.0	19.0	21.0	20.5	20.0	19.5	20.5	20.0
12	15.5	14.0	17.5	16.0	19.5	18.5	21.0	20.0	20.0	19.5	20.5	19.5
13	16.5	14.5	17.5	16.5	20.0	19.0	21.0	20.0	20.5	19.5	20.0	19.0
14	16.0	15.0	18.0	16.5	20.0	19.0	21.0	20.0	20.5	20.0	20.0	18.5
15	15.5	15.0	18.5	17.0	19.0	19.0	20.5	20.0	20.5	20.0	19.5	18.5
16	16.0	15.0	18.5	17.0	19.0	18.5	20.5	20.0	20.5	20.0	---	---
17	16.0	15.0	19.0	17.5	19.0	18.5	20.5	20.0	20.0	19.5	19.0	18.0
18	16.0	15.0	19.0	18.0	19.0	18.5	20.5	19.5	20.0	19.5	19.0	18.0
19	15.5	15.0	18.5	18.0	19.5	19.0	20.5	19.5	20.0	19.5	19.0	18.0
20	15.0	14.0	18.5	18.0	20.5	19.0	20.5	19.0	20.0	19.5	19.0	18.0
21	15.0	13.5	18.5	17.5	21.0	19.5	20.0	18.5	20.5	20.0	19.0	18.5
22	14.5	13.5	18.5	17.5	20.5	20.0	19.5	18.5	20.5	20.5	19.0	18.5
23	14.5	14.0	18.5	17.0	20.5	19.5	20.0	19.0	21.0	20.0	19.0	18.5
24	14.5	13.5	18.0	17.0	20.0	19.5	20.0	19.5	20.5	20.0	19.0	19.0
25	15.0	14.0	17.5	17.0	20.0	19.5	---	---	21.0	20.0	19.5	19.0
26	15.5	14.0	17.5	16.5	20.0	19.0	20.0	19.5	21.0	20.0	19.5	19.0
27	16.5	14.0	17.5	17.0	19.5	18.5	20.5	19.5	21.0	20.5	20.0	19.0
28	16.5	14.5	17.5	17.0	19.5	18.5	20.0	19.5	21.5	20.5	20.0	19.5
29	16.0	15.5	17.5	17.0	19.0	18.5	20.0	19.5	21.5	21.0	20.0	19.5
30	16.5	15.5	17.5	17.0	---	---	20.0	19.5	21.5	21.0	19.5	19.5
31	---	---	17.5	17.0	---	---	20.0	19.5	21.5	20.5	---	---
Month	16.5	13.0	19.0	15.0	---	---	---	---	21.5	19.0	---	---

11455780 Suisun Bay at Benicia Bridge, near Benicia, CA—Continued

