

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: May 4-7, 31, Aug. 8, and Aug. 25-29, which are rated good.

The lower specific conductivity record is rated excellent except for the following periods of fouling: May 4-7, and May 28-31, 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, 37,300 microsiemens, Nov. 7, 2002; minimum recorded, 49 microsiemens, June 18, 2006.

(Lower probe) Maximum recorded, 38,200 microsiemens, Oct. 28, 2003; 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, 35,900 microsiemens, Dec. 8; minimum recorded, 498 microsiemens, Mar. 2.

(Lower probe) Maximum recorded, 37,900 microsiemens, Aug. 23, Sept. 5; minimum recorded, 668 microsiemens, Mar. 3.

WATER TEMPERATURE: (Upper probe) Maximum recorded, 22.5°C, July 5, 23, 24, Sept. 5, 6; minimum recorded, 7.0°C, Jan. 13, 16-18.

(Lower probe) Maximum recorded, 22.0°C, July 24, 25, Sept. 2, 3, 6; minimum recorded, 7.5°C, several days in January.

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 2006 TO SEPTEMBER 2007**

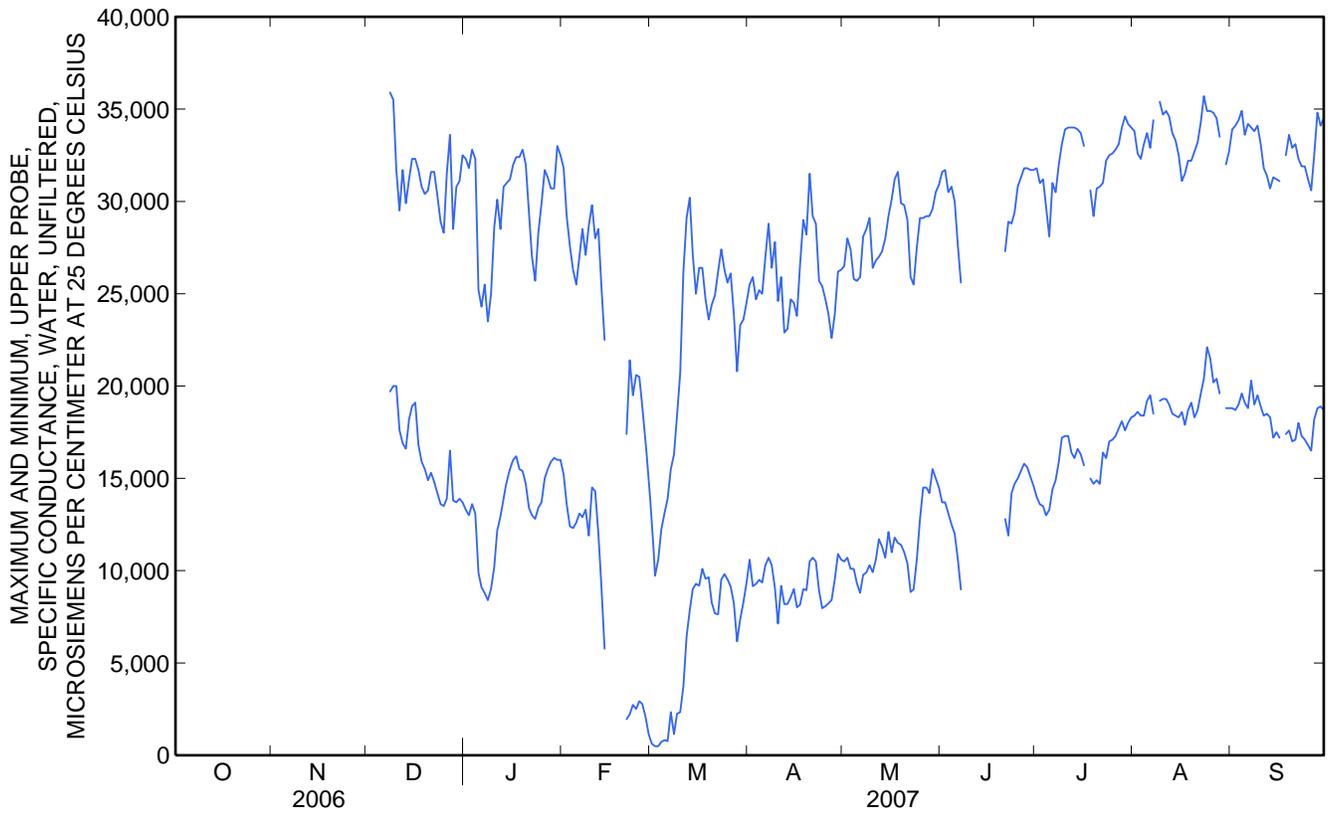
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	---	---	---	---	---	---	32,300	13,300	31,800	15,200	12,500	624
2	---	---	---	---	---	---	31,800	13,000	29,200	13,600	9,730	498
3	---	---	---	---	---	---	32,800	13,600	27,600	12,400	10,600	500
4	---	---	---	---	---	---	32,300	13,100	26,300	12,300	12,200	727
5	---	---	---	---	---	---	25,200	9,880	25,500	12,600	13,100	824
6	---	---	---	---	---	---	24,300	9,100	27,000	13,100	13,900	771
7	---	---	---	---	---	---	25,500	8,780	28,500	12,900	15,500	2,340
8	---	---	---	---	35,900	19,700	23,500	8,400	27,100	13,300	16,300	1,150
9	---	---	---	---	35,500	20,000	25,000	9,020	28,700	11,900	18,400	2,250
10	---	---	---	---	31,700	20,000	28,600	10,200	29,800	14,500	20,700	2,340
11	---	---	---	---	29,500	17,600	30,100	12,200	28,000	14,300	26,200	3,740
12	---	---	---	---	31,700	16,900	28,500	12,900	28,500	12,000	29,100	6,430
13	---	---	---	---	29,900	16,600	30,800	14,000	25,400	9,170	30,200	7,860
14	---	---	---	---	31,200	18,200	31,000	14,800	22,500	5,770	27,100	9,010
15	---	---	---	---	32,300	18,900	31,200	15,500	---	---	25,000	9,290
16	---	---	---	---	32,300	19,100	32,000	16,000	---	---	26,400	9,190
17	---	---	---	---	31,700	16,800	32,400	16,200	---	---	26,400	10,100
18	---	---	---	---	30,800	15,900	32,400	15,500	---	---	24,700	9,570
19	---	---	---	---	30,400	15,500	32,800	15,400	---	---	23,600	9,640
20	---	---	---	---	30,600	14,900	32,000	14,700	---	---	24,400	8,270
21	---	---	---	---	31,600	15,300	29,400	13,400	17,400	1,960	24,900	7,690
22	---	---	---	---	31,600	14,800	27,000	13,000	21,400	2,230	26,200	7,640
23	---	---	---	---	30,300	14,200	25,700	12,800	19,500	2,740	27,400	9,520
24	---	---	---	---	28,900	13,600	28,300	13,400	20,600	2,510	26,300	9,820
25	---	---	---	---	28,300	13,500	29,900	13,700	20,500	2,930	25,600	9,530
26	---	---	---	---	31,500	13,900	31,700	15,000	18,900	2,780	26,100	9,140
27	---	---	---	---	33,600	16,500	31,300	15,500	16,900	2,100	23,900	8,240
28	---	---	---	---	28,500	13,800	30,700	15,900	15,100	1,140	20,800	6,170
29	---	---	---	---	30,800	13,700	30,700	16,100	---	---	23,300	7,380
30	---	---	---	---	31,100	13,900	33,000	16,000	---	---	23,600	8,290
31	---	---	---	---	32,500	13,700	32,500	16,000	---	---	24,500	9,310
Month	---	---	---	---	---	---	33,000	8,400	---	---	30,200	498

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 2006 TO SEPTEMBER 2007**

Day	Max	Min	Max	Min								
	April		May		June		July		August		September	
1	25,500	10,600	26,500	10,500	31,600	13,700	31,800	14,000	33,800	18,400	33,900	18,800
2	25,900	9,160	28,000	10,700	31,700	13,700	31,000	13,600	32,600	18,600	34,100	18,700
3	24,700	9,280	27,400	10,100	30,500	13,100	31,200	13,500	32,300	18,400	34,400	19,000
4	25,200	9,510	25,800	10,100	30,800	12,500	29,700	13,000	33,100	18,400	34,900	19,600
5	25,000	9,360	25,700	9,310	30,000	12,000	28,100	13,300	33,700	19,200	33,600	19,100
6	27,000	10,300	25,900	8,800	27,600	10,600	31,000	14,400	32,900	19,500	34,200	18,800
7	28,800	10,700	28,100	9,770	25,600	8,980	30,500	14,900	34,400	18,500	34,000	20,300
8	26,400	10,300	28,500	9,900	---	---	32,000	15,900	---	---	33,800	19,000
9	27,800	9,050	29,100	10,300	---	---	33,100	17,200	35,400	19,200	34,100	19,500
10	24,600	7,140	26,400	9,920	---	---	33,900	17,300	34,700	19,300	33,100	18,900
11	25,900	9,180	26,800	10,600	---	---	34,000	17,300	34,900	19,300	31,800	18,400
12	22,900	8,190	27,000	11,700	---	---	34,000	16,400	34,600	19,000	31,400	18,500
13	23,100	8,200	27,300	11,300	---	---	34,000	16,100	33,700	18,500	30,700	18,300
14	24,700	8,560	28,000	10,700	---	---	33,900	16,600	33,300	18,400	31,300	17,200
15	24,500	9,010	29,200	12,100	---	---	33,700	16,300	32,500	18,300	31,200	17,500
16	23,800	8,020	30,100	11,000	---	---	33,000	15,700	31,100	18,600	31,100	17,200
17	26,600	8,160	31,200	11,800	---	---	---	---	31,500	17,900	---	---
18	29,000	9,000	31,600	11,500	---	---	30,600	15,000	32,200	18,700	32,500	17,400
19	28,200	8,950	29,900	11,400	---	---	29,200	14,700	32,200	19,100	33,600	17,600
20	31,500	10,500	29,800	11,000	---	---	30,700	14,900	32,700	18,300	32,900	17,000
21	29,200	10,700	29,000	10,400	27,300	12,800	30,800	14,700	33,200	18,700	33,100	17,100
22	28,800	10,500	25,900	8,840	28,900	11,900	31,000	16,400	34,300	19,600	32,300	18,000
23	25,700	8,920	25,500	8,990	28,800	14,200	32,200	16,100	35,700	20,400	31,900	17,300
24	25,400	7,960	27,500	10,600	29,400	14,700	32,500	17,000	34,900	22,100	31,900	17,100
25	24,700	8,080	29,100	12,800	30,800	15,000	32,600	17,100	34,900	21,500	31,200	16,800
26	23,900	8,230	29,100	14,500	31,300	15,400	32,800	17,300	34,800	20,200	30,600	16,500
27	22,600	8,410	29,200	14,500	31,800	15,800	33,100	17,700	34,500	20,400	32,500	18,200
28	23,900	9,530	29,200	14,200	31,800	15,600	34,000	18,100	33,500	19,600	34,800	18,800
29	26,200	10,900	29,600	15,500	31,700	15,100	34,600	17,600	---	---	34,100	18,900
30	26,300	10,600	30,500	15,000	31,700	14,600	34,200	18,000	32,000	18,800	34,500	18,700
31	---	---	30,900	14,500	---	---	34,000	18,300	32,700	18,800	---	---
Month	31,500	7,140	31,600	8,800	---	---	---	---	---	---	---	---

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



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(LOWER PROBE - 19 FT FROM BED)
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

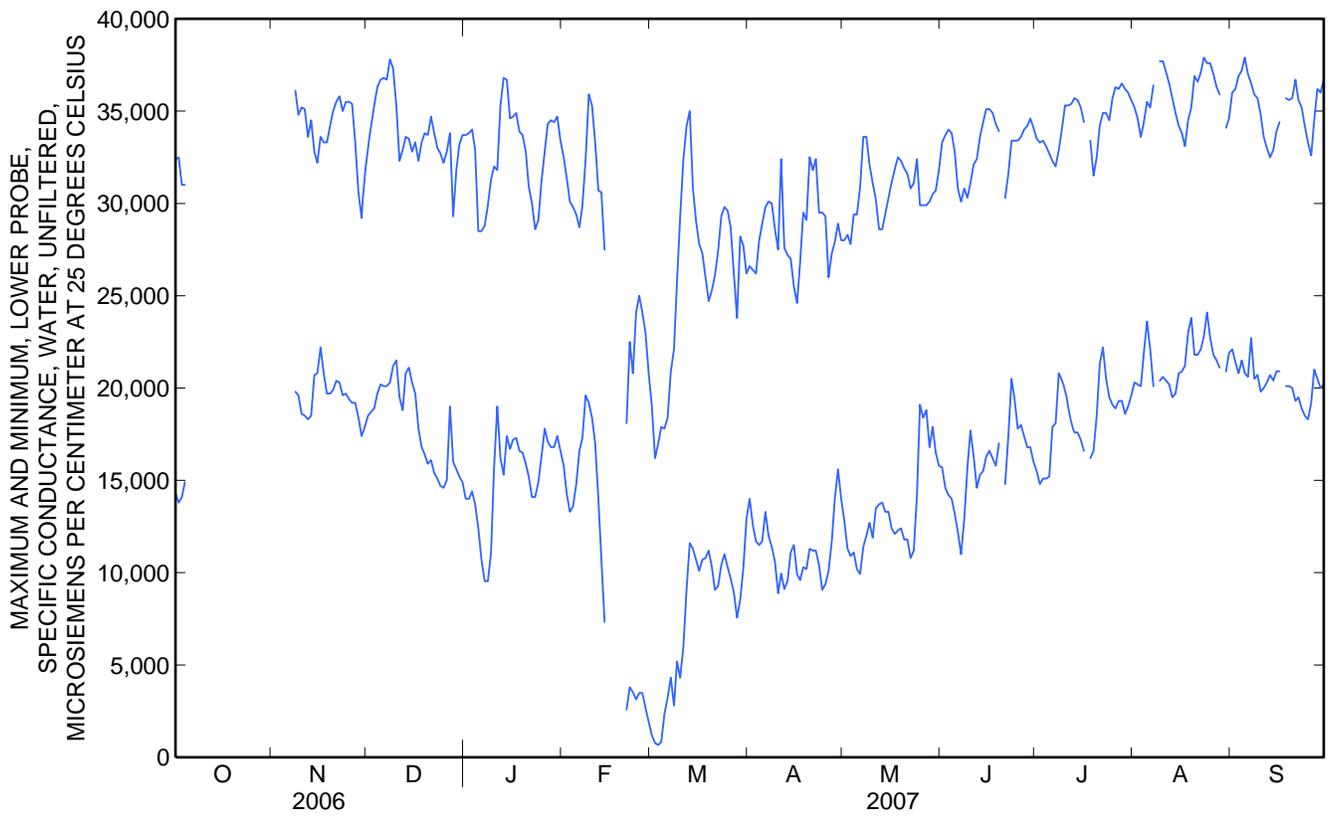
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	32,400	14,300	---	---	33,100	18,500	33,700	14,000	32,500	15,800	19,000	1,190
2	32,500	13,800	---	---	34,200	18,700	33,800	14,000	31,400	14,300	16,200	780
3	31,000	14,100	---	---	35,200	18,900	34,000	14,400	30,100	13,300	17,000	668
4	31,000	14,900	---	---	36,300	19,700	32,900	13,700	29,800	13,600	17,900	840
5	---	---	---	---	36,700	20,200	28,500	12,400	29,400	14,800	17,800	2,350
6	---	---	---	---	36,800	20,100	28,500	10,700	28,700	16,600	18,400	3,230
7	---	---	---	---	36,700	20,100	28,800	9,540	29,900	17,300	20,900	4,320
8	---	---	36,100	19,800	37,800	20,300	29,900	9,540	32,400	19,600	22,100	2,800
9	---	---	34,800	19,600	37,300	21,200	31,300	11,100	35,900	19,200	25,800	5,190
10	---	---	35,200	18,600	35,300	21,500	32,000	15,700	35,300	18,400	29,300	4,310
11	---	---	35,100	18,500	32,300	19,500	31,800	19,000	33,300	17,000	32,400	6,000
12	---	---	33,600	18,300	32,900	18,800	35,300	16,200	30,700	14,000	34,200	9,120
13	---	---	34,500	18,500	33,600	20,800	36,800	15,300	30,600	10,700	35,000	11,600
14	---	---	32,800	20,700	33,500	21,100	36,700	17,400	27,500	7,330	30,800	11,300
15	---	---	32,200	20,800	32,800	20,300	34,600	16,700	---	---	29,100	10,700
16	---	---	33,600	22,200	33,300	19,700	34,700	17,200	---	---	27,800	10,100
17	---	---	33,300	20,800	32,300	17,800	34,900	17,300	---	---	27,300	10,700
18	---	---	33,300	19,700	33,300	16,800	33,900	16,600	---	---	26,000	10,800
19	---	---	34,200	19,700	33,800	16,400	33,700	16,500	---	---	24,700	11,200
20	---	---	35,000	19,900	33,700	15,900	32,800	15,900	---	---	25,300	10,300
21	---	---	35,500	20,400	34,700	16,100	30,900	15,200	18,100	2,590	26,100	9,080
22	---	---	35,800	20,300	33,800	15,400	30,000	14,100	22,500	3,790	27,400	9,270
23	---	---	35,000	19,600	33,000	15,100	28,600	14,100	20,800	3,530	29,300	10,400
24	---	---	35,500	19,700	32,700	14,700	29,100	14,900	24,100	3,140	29,800	11,000
25	---	---	35,500	19,400	32,200	14,600	31,200	16,300	25,000	3,480	29,600	10,300
26	---	---	35,400	19,200	32,800	15,000	32,800	17,800	24,100	3,490	28,700	9,680
27	---	---	33,300	19,200	33,800	19,000	34,300	17,100	23,000	2,680	26,200	8,940
28	---	---	30,600	18,400	29,300	16,000	34,500	16,800	20,800	1,920	23,800	7,570
29	---	---	29,200	17,400	31,800	15,600	34,400	16,800	---	---	28,200	8,540
30	---	---	31,400	17,900	33,200	15,200	34,700	17,400	---	---	27,700	10,300
31	---	---	---	---	33,700	14,900	33,400	16,600	---	---	26,200	12,900
Month	---	---	---	---	37,800	14,600	36,800	9,540	---	---	35,000	668

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 2006 TO SEPTEMBER 2007**

Day	Max	Min	Max	Min								
	April		May		June		July		August		September	
1	26,600	14,000	28,000	12,800	33,300	15,700	33,500	15,500	35,200	20,300	36,000	22,100
2	26,400	12,600	28,300	11,300	33,700	14,600	33,300	14,800	34,600	20,200	36,200	21,400
3	26,200	11,700	27,800	10,900	34,000	14,200	33,400	15,100	33,600	20,100	36,900	20,800
4	28,000	11,500	29,400	11,100	33,800	14,000	33,100	15,100	34,400	21,900	37,200	21,500
5	28,900	11,700	29,400	10,200	32,800	13,200	32,700	15,200	35,500	23,600	37,900	20,800
6	29,800	13,300	30,900	9,930	30,800	12,200	32,300	17,900	35,200	22,100	37,000	20,600
7	30,100	12,000	33,600	11,400	30,100	11,000	32,000	18,100	36,400	20,100	36,500	22,700
8	30,000	11,400	33,600	12,000	30,800	12,900	32,900	20,800	---	---	35,900	20,500
9	28,600	10,600	32,100	12,700	30,300	15,700	34,000	20,400	37,700	20,400	35,700	20,700
10	27,500	8,890	31,100	11,900	31,100	17,700	35,300	19,900	37,700	20,600	34,800	19,800
11	32,400	9,950	30,200	13,500	32,100	16,300	35,300	19,000	37,100	20,400	33,600	20,000
12	27,600	9,110	28,600	13,700	32,400	14,600	35,400	18,100	36,500	20,200	33,000	20,300
13	27,200	9,550	28,600	13,800	33,600	15,300	35,700	17,600	35,700	19,500	32,500	20,700
14	27,000	11,100	29,400	13,300	34,400	15,500	35,600	17,600	34,900	19,700	32,900	20,400
15	25,500	11,500	30,300	13,300	35,100	16,300	35,200	17,200	34,200	20,800	33,900	20,900
16	24,600	9,920	31,200	12,400	35,100	16,600	34,400	16,600	33,800	20,900	34,400	20,900
17	26,800	9,600	31,800	12,100	34,900	16,200	---	---	33,100	21,200	---	---
18	29,500	10,300	32,500	12,300	34,300	15,800	33,400	16,200	34,500	23,000	35,700	20,100
19	29,100	10,200	32,300	12,400	33,900	17,000	31,500	16,600	35,200	23,800	35,600	20,100
20	32,500	11,300	31,900	11,800	---	---	32,500	18,500	36,900	21,800	35,700	20,000
21	31,800	11,200	31,600	11,800	30,300	14,800	34,200	21,300	36,600	21,800	36,700	19,300
22	32,400	11,200	30,800	10,800	31,600	17,400	34,900	22,200	37,100	22,100	35,600	19,500
23	29,500	10,400	31,100	11,200	33,400	20,500	34,900	20,500	37,900	22,800	35,200	18,900
24	29,500	9,080	32,400	14,200	33,400	19,400	34,500	19,500	37,600	24,100	34,200	18,500
25	29,300	9,380	29,900	19,100	33,400	17,800	35,700	19,100	37,600	22,700	33,300	18,300
26	26,000	10,100	29,900	18,400	33,600	18,000	36,300	18,900	37,000	21,800	32,600	19,200
27	27,300	11,700	29,900	18,800	34,000	17,400	36,200	19,300	36,300	21,500	34,500	21,000
28	27,900	14,000	30,100	16,800	34,200	16,800	36,500	19,300	35,900	21,100	36,200	20,500
29	28,900	15,600	30,500	17,900	34,600	16,800	36,200	18,600	---	---	36,000	20,000
30	28,000	14,000	30,700	16,500	34,100	16,000	36,000	19,000	34,100	20,900	36,700	20,200
31	---	---	31,800	15,800	---	---	35,600	19,600	34,600	21,900	---	---
Month	32,500	8,890	33,600	9,930	---	---	---	---	---	---	---	---

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



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TEMPERATURE, WATER, DEGREES CELSIUS
(UPPER PROBE - 71 FT FROM BED)
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

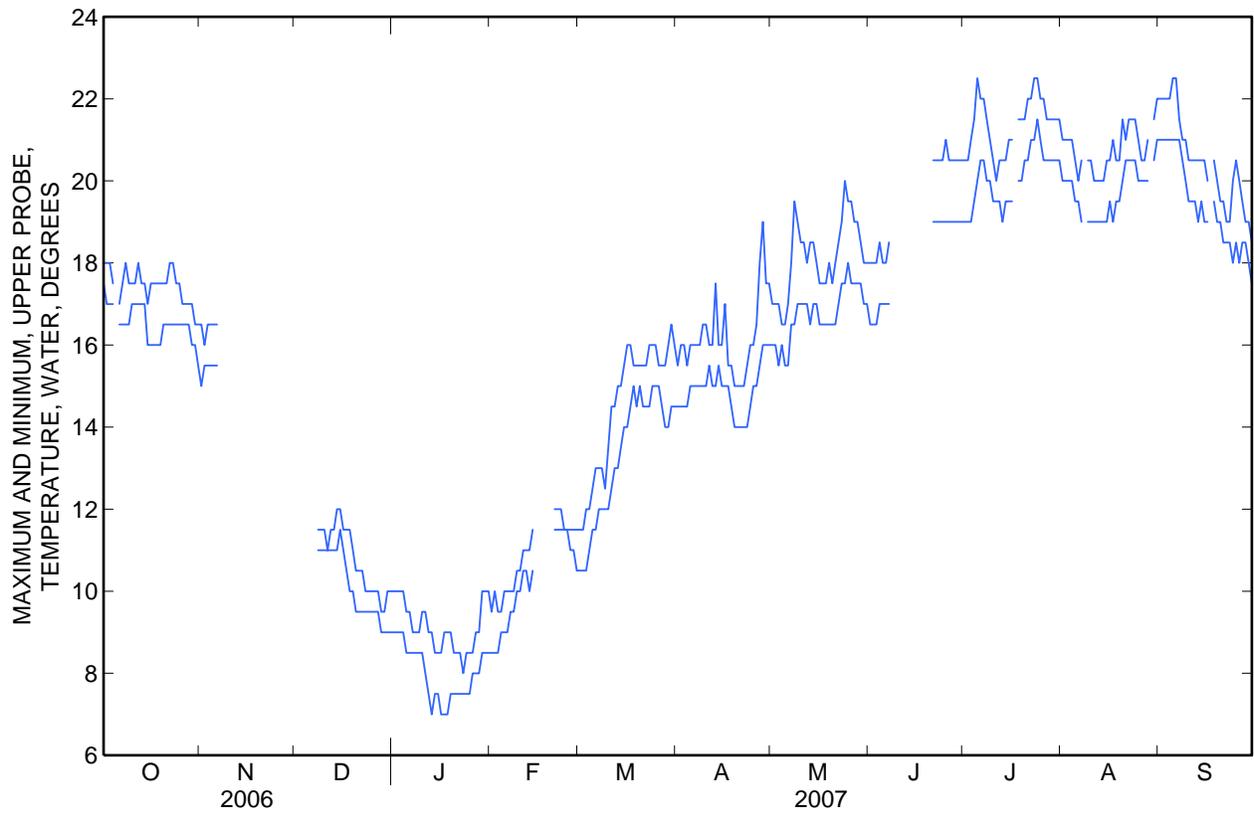
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	18.0	17.5	16.5	15.0	---	---	10.0	9.0	9.5	8.5	11.5	10.5
2	18.0	17.0	16.0	15.5	---	---	10.0	9.0	10.0	8.5	11.5	10.5
3	18.0	17.0	16.5	15.5	---	---	10.0	9.0	9.5	8.5	12.0	10.5
4	17.5	17.0	16.5	15.5	---	---	10.0	9.0	9.5	9.0	12.0	11.0
5	---	---	16.5	15.5	---	---	9.5	8.5	10.0	9.0	12.5	11.5
6	17.0	16.5	16.5	15.5	---	---	9.5	8.5	10.0	9.0	13.0	11.5
7	17.5	16.5	---	---	---	---	9.0	8.5	10.0	9.5	13.0	12.0
8	18.0	16.5	---	---	11.5	11.0	9.0	8.5	10.0	9.5	13.0	12.0
9	17.5	16.5	---	---	11.5	11.0	9.0	8.5	10.5	10.0	12.5	12.0
10	17.5	17.0	---	---	11.5	11.0	9.5	8.5	10.5	10.0	13.5	12.0
11	17.5	17.0	---	---	11.0	11.0	9.5	8.0	11.0	10.5	14.5	12.5
12	18.0	17.0	---	---	11.5	11.0	9.0	7.5	11.0	10.5	14.5	13.0
13	17.5	17.0	---	---	11.5	11.0	9.0	7.0	11.0	10.0	15.0	13.0
14	17.5	17.0	---	---	12.0	11.0	8.5	7.5	11.5	10.5	15.0	13.5
15	17.0	16.0	---	---	12.0	11.5	8.5	7.5	---	---	15.5	14.0
16	17.5	16.0	---	---	11.5	11.0	8.5	7.0	---	---	16.0	14.0
17	17.5	16.0	---	---	11.5	10.5	9.0	7.0	---	---	16.0	14.5
18	17.5	16.0	---	---	11.5	10.0	9.0	7.0	---	---	15.5	15.0
19	17.5	16.0	---	---	11.0	10.0	9.0	7.5	---	---	15.5	14.5
20	17.5	16.5	---	---	10.5	9.5	8.5	7.5	---	---	15.5	15.0
21	17.5	16.5	---	---	10.5	9.5	8.5	7.5	12.0	11.5	15.5	14.5
22	18.0	16.5	---	---	10.5	9.5	8.5	7.5	12.0	11.5	15.5	14.5
23	18.0	16.5	---	---	10.0	9.5	8.0	7.5	12.0	11.5	16.0	14.5
24	17.5	16.5	---	---	10.0	9.5	8.5	7.5	11.5	11.5	16.0	15.0
25	17.5	16.5	---	---	10.0	9.5	8.5	7.5	11.5	11.5	16.0	15.0
26	17.0	16.5	---	---	10.0	9.5	8.5	8.0	11.5	11.0	15.5	15.0
27	17.0	16.5	---	---	10.0	9.5	9.0	8.0	11.5	11.0	15.5	14.5
28	17.0	16.5	---	---	9.5	9.0	9.0	8.0	11.5	10.5	15.5	14.0
29	17.0	16.0	---	---	9.5	9.0	10.0	8.5	---	---	16.0	14.0
30	16.5	16.0	---	---	10.0	9.0	10.0	8.5	---	---	16.5	14.5
31	16.5	15.5	---	---	10.0	9.0	10.0	8.5	---	---	16.0	14.5
Month	---	---	---	---	---	---	10.0	7.0	---	---	16.5	10.5

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

TEMPERATURE, WATER, DEGREES CELSIUS
(UPPER PROBE - 71 FT FROM BED)
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

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

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 2006 TO SEPTEMBER 2007

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

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

TEMPERATURE, WATER, DEGREES CELSIUS
(LOWER PROBE – 19 FT FROM BED)
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

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

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

