

Water-Data Report 2006

08017044 Calcasieu River at I-10 at Lake Charles, LA

Calcasieu-Mermentau Basin
Lower Calcasieu Subbasin

LOCATION.--Lat 30°14'13", long 93°14'50" referenced to North American Datum of 1927, Calcasieu Parish, LA, Hydrologic Unit 08080206, installed on the far west cement bridge footing, located below Interstate I-10 on the right waters edge of Calcasieu River in Lake Charles, La.

DRAINAGE AREA.--Indeterminate.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is NAVD 88.

REMARKS.--Site affected wind and tide. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 8.61 ft, Sep 24, 2005; minimum gage height, -2.33 ft, Jan 17, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.54 ft, Apr 29; minimum elevation, -2.31 ft, Feb 12.

08017044 Calcasieu River at I-10 at Lake Charles, LA—Continued

DCP
GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	2.54	1.51	2.06	---	---	---	1.80	-0.15	0.92	1.55	-0.10	0.87
2	2.63	1.94	2.33	---	---	---	1.69	-0.51	0.52	1.78	-0.28	0.87
3	2.90	2.13	2.44	---	---	---	1.90	0.50	1.33	1.02	-0.65	0.24
4	2.89	2.23	2.63	---	---	---	1.84	0.26	1.08	1.04	-0.33	0.48
5	2.89	2.07	2.55	---	---	---	1.17	-1.27	-0.10	0.91	-0.98	-0.21
6	2.87	1.33	2.05	---	---	---	1.24	-0.16	0.53	0.10	-1.55	-0.80
7	2.30	0.37	1.25	---	---	---	1.56	0.46	1.03	1.01	-0.58	0.30
8	1.54	0.48	1.16	1.89	0.45	1.29	1.82	-0.54	0.61	0.97	-0.45	0.41
9	1.93	0.61	1.45	1.81	0.41	1.26	0.75	-0.52	0.17	0.95	-0.37	0.42
10	2.05	0.66	1.62	1.64	0.03	0.87	1.38	0.25	0.90	0.87	-0.93	0.17
11	---	---	---	1.64	0.35	1.05	1.15	-0.44	0.52	0.99	-0.79	0.35
12	---	---	---	1.98	0.91	1.43	1.06	-0.62	0.37	1.47	-0.15	0.78
13	---	---	---	1.82	0.59	1.28	1.29	-0.73	0.44	1.80	-1.28	0.26
14	---	---	---	1.94	0.21	1.12	1.69	0.16	1.10	---	---	---
15	---	---	---	2.09	1.05	1.65	1.41	-1.13	0.40	---	---	---
16	---	---	---	1.40	-1.38	-0.17	1.21	-0.45	0.46	---	---	---
17	---	---	---	1.00	-0.72	0.06	1.58	0.24	1.04	---	---	---
18	---	---	---	1.20	-0.48	0.49	1.58	0.04	0.92	---	---	---
19	---	---	---	1.44	-0.10	0.83	0.96	-0.52	0.30	---	---	---
20	---	---	---	1.23	-0.33	0.55	0.94	-0.10	0.51	---	---	---
21	---	---	---	0.96	-1.26	-0.16	1.03	-0.29	0.43	---	---	---
22	---	---	---	0.25	-1.01	-0.24	0.87	-0.26	0.32	---	---	---
23	---	---	---	0.56	-0.26	0.23	1.12	0.30	0.64	---	---	---
24	---	---	---	0.69	-0.55	-0.01	1.34	0.22	0.80	---	---	---
25	---	---	---	0.70	-0.12	0.32	0.56	-1.24	-0.40	0.77	-1.05	0.04
26	---	---	---	1.72	0.40	1.03	0.82	-0.99	0.09	1.08	-0.80	0.24
27	---	---	---	1.95	0.92	1.56	1.19	-0.27	0.60	1.37	-0.24	0.74
28	---	---	---	2.01	0.48	1.17	1.21	-0.67	0.37	1.73	-0.10	0.94
29	---	---	---	0.95	-0.94	0.24	0.91	-1.12	0.15	1.66	-0.23	1.04
30	---	---	---	1.32	-0.59	0.50	1.40	-0.35	0.70	1.97	0.00	1.14
31	---	---	---	---	---	---	1.37	-0.54	0.66	1.60	0.29	0.97
Month	---	---	---	---	---	---	1.90	-1.27	0.56	---	---	---

08017044 Calcasieu River at I-10 at Lake Charles, LA—Continued

DCP
GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	1.93	0.73	1.38	1.67	0.64	1.07	1.74	0.25	1.14	2.20	0.55	1.56
2	1.99	1.11	1.60	1.62	0.37	0.98	1.89	0.21	1.22	2.30	0.88	1.62
3	1.59	0.44	0.99	1.20	0.13	0.74	1.61	0.15	1.04	2.14	0.81	1.56
4	0.79	-0.23	0.33	1.45	-0.21	0.87	1.42	-0.19	0.69	1.89	0.64	1.34
5	1.74	-0.51	0.76	1.55	0.20	1.02	1.64	0.16	0.97	1.90	0.62	1.30
6	1.72	0.28	0.93	1.25	-0.01	0.74	2.18	0.57	1.45	2.13	0.76	1.37
7	0.69	-1.45	-0.26	1.45	-0.19	0.67	2.11	0.79	1.60	1.73	0.76	1.19
8	1.22	-0.49	0.45	2.15	0.47	1.36	1.81	-0.23	0.70	2.02	0.75	1.36
9	1.20	-0.60	0.40	2.32	1.47	1.96	1.09	-0.44	0.30	2.20	1.18	1.77
10	1.46	0.17	0.98	2.05	0.44	1.35	1.47	0.28	0.87	2.45	1.23	2.00
11	1.04	-1.68	-0.49	2.47	1.28	1.93	1.74	0.69	1.30	1.23	0.14	0.66
12	-0.10	-2.31	-1.08	2.43	1.56	2.04	1.82	0.64	1.31	1.47	-0.06	0.96
13	0.42	-1.25	-0.39	2.22	1.09	1.65	1.53	0.34	0.97	1.84	0.20	1.19
14	1.04	0.03	0.56	1.09	-0.40	0.48	1.49	0.42	1.01	1.75	0.29	1.02
15	1.46	0.56	1.02	2.07	0.42	1.26	1.79	0.26	1.21	0.94	-0.20	0.54
16	1.61	0.88	1.26	2.16	0.95	1.57	1.95	0.40	1.40	1.17	-0.78	0.50
17	1.41	0.62	0.89	1.34	0.41	0.84	1.80	0.31	1.18	1.06	-0.59	0.50
18	0.87	-0.31	0.19	1.67	-0.08	0.76	---	---	---	1.26	-0.59	0.53
19	1.08	-0.59	0.34	2.07	0.86	1.65	---	---	---	1.14	-0.52	0.48
20	1.14	0.16	0.75	2.39	1.08	1.77	---	---	---	1.34	-0.26	0.62
21	1.39	-0.16	0.73	1.54	0.37	0.89	---	---	---	1.70	0.10	0.91
22	---	---	---	1.17	-0.73	0.35	---	---	---	1.74	0.55	1.09
23	1.45	-0.31	0.60	0.96	-0.65	0.24	---	---	---	1.65	0.23	1.09
24	1.87	-0.30	0.79	0.54	-1.49	-0.33	---	---	---	1.63	0.10	1.03
25	1.99	0.21	1.13	0.81	-0.80	0.26	1.79	0.48	1.31	1.64	0.09	1.02
26	0.99	-0.78	0.32	1.25	-0.42	0.57	1.62	-0.19	0.80	1.68	0.02	1.13
27	1.61	0.04	0.96	1.79	0.56	1.14	---	---	---	2.18	0.11	1.44
28	1.85	0.56	1.16	1.67	0.27	0.95	2.29	-0.01	1.44	2.25	0.73	1.68
29	---	---	---	1.54	0.14	0.96	3.54	0.96	2.41	2.02	0.76	1.42
30	---	---	---	1.74	0.26	1.22	2.21	1.07	1.69	2.00	0.42	1.29
31	---	---	---	2.00	0.50	1.31	---	---	---	2.07	0.48	1.36
Month	---	---	---	2.47	-1.49	1.04	---	---	---	2.45	-0.78	1.15

08017044 Calcasieu River at I-10 at Lake Charles, LA—Continued

**DCP
GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	1.69	0.57	1.15	---	---	---	1.81	0.78	1.34	1.50	0.03	0.95
2	1.50	0.14	0.87	---	---	---	1.84	0.35	1.20	1.50	0.14	1.03
3	1.26	0.01	0.64	---	---	---	1.76	0.42	1.25	1.56	-0.05	1.04
4	1.29	0.28	0.72	---	---	---	1.79	0.34	1.23	1.51	-0.05	1.05
5	1.26	0.34	0.78	1.70	0.46	1.19	1.78	-0.03	1.23	1.46	0.01	0.97
6	1.18	0.18	0.78	1.83	0.22	1.21	1.98	-0.03	1.34	1.76	-0.27	0.94
7	1.26	-0.15	0.74	1.44	0.00	0.98	1.92	0.32	1.35	1.81	0.13	1.08
8	1.51	-0.21	0.71	1.52	-0.09	0.93	2.04	0.27	1.41	1.94	0.39	1.15
9	1.21	-0.23	0.66	1.83	-0.07	1.15	1.94	0.33	1.35	2.03	0.54	1.24
10	1.44	-0.37	0.86	1.77	0.11	1.22	1.89	0.31	1.35	2.01	0.80	1.43
11	1.67	-0.18	1.01	2.01	0.01	1.28	1.80	0.49	1.26	2.01	0.58	1.35
12	1.66	-0.18	0.97	1.81	0.12	1.20	1.76	0.56	1.19	1.97	0.48	1.34
13	---	---	---	1.73	0.14	1.18	1.53	0.43	0.99	1.78	0.21	1.13
14	1.96	-0.14	1.40	1.58	0.25	1.09	1.52	0.20	0.92	1.87	0.51	1.38
15	---	---	---	1.46	0.16	0.98	1.44	0.08	0.85	1.87	0.58	1.47
16	---	---	---	1.46	0.48	0.94	---	---	---	2.04	0.50	1.47
17	2.08	0.75	1.51	1.44	0.18	0.86	---	---	---	2.13	0.50	1.69
18	1.98	1.11	1.50	1.42	0.01	0.89	---	---	---	2.39	0.68	1.64
19	---	---	---	1.44	-0.34	0.86	---	---	---	1.48	0.44	0.99
20	1.67	0.84	1.41	1.39	-0.34	0.80	---	---	---	1.83	0.36	1.23
21	---	---	---	1.38	-0.35	0.80	---	---	---	2.62	0.89	1.80
22	---	---	---	1.36	-0.40	0.87	---	---	---	2.50	1.78	2.26
23	---	---	---	1.43	-0.25	0.87	1.65	0.10	1.06	2.38	1.76	2.12
24	---	---	---	1.58	-0.30	0.95	1.64	0.35	1.18	2.17	0.51	1.18
25	---	---	---	1.75	-0.22	0.88	1.66	0.62	1.15	1.58	0.10	0.76
26	---	---	---	2.61	0.46	1.79	1.66	0.54	1.06	1.74	0.57	1.22
27	---	---	---	2.25	1.46	1.80	1.49	0.62	1.06	1.89	0.85	1.44
28	---	---	---	1.97	0.96	1.45	1.36	0.65	1.07	1.99	0.40	1.27
29	---	---	---	1.56	0.69	1.10	1.51	0.24	0.96	1.53	0.59	1.17
30	---	---	---	1.58	0.66	1.13	1.31	-0.01	0.77	2.12	0.52	1.52
31	---	---	---	1.68	0.86	1.27	1.36	0.13	0.88	---	---	---
Month	---	---	---	---	---	---	---	---	---	2.62	-0.27	1.31

08017044 Calcasieu River at I-10 at Lake Charles, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--December 1998 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: December 1998 to current year.

SALINITY: October 2002 to Current year.

WATER TEMPERATURE: December 1998 to current year.

INSTRUMENTATION.--Water-quality monitor recording specific conductance and water temperature.

REMARKS.--

SPECIFIC CONDUCTANCE: Records rated excellent except for Nov 20-21, Dec 8-29, Feb 3-10, Feb 13-17, Apr 25-May 30, June 1-8, July 4-7, and Aug 24-27 when rated good; July 8-9, and Aug 28-30 when rated fair; July 10-17, and Aug 31-Sep 24 when rated poor.

SALINITY: Records rated excellent except for Nov 20-21, Dec 8-29, Feb 3-10, Feb 13-17, Apr 25-May 30, June 1-8, July 4-7, and Aug 24-27 when rated good; July 8-9, and Aug 28-30 when rated fair; July 10-17, and Aug 31-Sep 24 when rated poor.

WATER TEMPERATURE: Records rated good.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 41,400 microsiemens/cm, Sep 12, 2000; minimum, 24 microsiemens/cm, Nov 11, 2002.

SALINITY: Maximum, 19.6 ppt, Dec 10, 2005; minimum, 0.0 ppt, many times.

WATER TEMPERATURE: Maximum, 36.5°C, Aug. 27, 2004; minimum, 6.7°C, Jan. 3, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 31,500 microsiemens/cm, Dec 10; minimum, 386 microsiemens/cm, May 11.

SALINITY: Maximum, 19.6 ppt, Dec 10; minimum, 0.2 ppt, May 8, 11.

WATER TEMPERATURE: Maximum, 33.8°C, Aug 15; minimum, 9.9°C, Dec 22.

08017044 Calcasieu River at I-10 at Lake Charles, LA—Continued

TOP
SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	25,400	16,400	20,100	17,200	8,210	10,800
2	---	---	---	---	---	---	24,300	17,600	20,000	16,800	6,340	11,900
3	---	---	---	---	---	---	27,200	21,700	23,600	14,300	8,190	9,860
4	---	---	---	---	---	---	25,700	12,700	19,600	15,800	8,770	11,800
5	---	---	---	---	---	---	21,200	16,100	17,500	17,500	10,600	14,000
6	---	---	---	---	---	---	26,700	16,600	20,500	20,200	11,300	15,800
7	---	---	---	---	---	---	28,100	19,900	23,300	21,400	10,000	16,100
8	---	---	---	---	---	---	31,300	18,700	25,500	19,000	15,200	16,800
9	---	---	---	---	---	---	27,600	22,900	25,100	16,500	11,100	14,100
10	---	---	---	---	---	---	31,500	17,300	26,800	21,700	11,600	16,500
11	---	---	---	---	---	---	31,200	23,300	26,800	21,900	13,700	17,500
12	---	---	---	---	---	---	28,200	23,000	25,800	22,000	13,800	18,000
13	---	---	---	---	---	---	28,000	21,400	24,700	25,900	17,800	19,800
14	---	---	---	---	---	---	30,200	14,700	23,400	---	---	---
15	---	---	---	27,400	21,400	24,300	14,700	9,280	11,300	---	---	---
16	---	---	---	24,500	16,600	20,000	9,900	4,920	7,310	---	---	---
17	---	---	---	23,400	15,300	20,000	5,480	3,000	4,380	---	---	---
18	---	---	---	25,500	18,700	22,100	4,840	3,500	3,960	---	---	---
19	---	---	---	27,200	21,100	24,600	3,970	3,110	3,500	---	---	---
20	---	---	---	27,500	22,200	25,500	4,220	2,970	3,670	---	---	---
21	---	---	---	27,900	24,000	25,900	5,280	3,440	4,240	---	---	---
22	---	---	---	26,300	22,200	23,800	5,410	3,100	4,200	---	---	---
23	---	---	---	26,200	22,100	24,400	9,180	3,950	5,590	---	---	---
24	---	---	---	27,200	19,600	23,900	11,100	5,470	6,540	---	---	---
25	---	---	---	25,900	19,500	22,100	9,880	5,230	7,190	18,700	9,080	12,800
26	---	---	---	30,200	19,600	22,800	9,150	5,220	7,260	20,500	10,200	14,600
27	---	---	---	24,800	17,200	21,200	8,830	4,520	6,470	21,900	6,770	13,600
28	---	---	---	24,900	14,000	19,700	8,940	6,480	7,400	20,600	8,920	12,700
29	---	---	---	22,500	14,100	17,700	10,800	6,090	7,990	20,600	5,430	9,600
30	---	---	---	21,200	15,400	17,400	15,900	7,700	11,400	16,600	5,710	9,500
31	---	---	---	---	---	---	16,700	7,800	12,100	11,900	7,930	9,360
Month	---	---	---	---	---	---	31,500	2,970	14,100	---	---	---

08017044 Calcasieu River at I-10 at Lake Charles, LA—Continued

TOP
SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	11,100	7,020	8,740	10,800	4,270	7,690	9,230	5,010	6,950	8,900	4,830	7,050
2	12,300	4,460	7,130	6,690	3,240	4,740	12,700	5,520	8,020	6,680	4,270	5,380
3	4,700	3,730	4,380	5,900	3,080	4,240	10,200	6,100	8,040	4,270	2,520	3,320
4	3,840	2,490	3,340	8,770	3,300	5,230	8,370	5,100	6,430	3,100	1,500	2,190
5	3,150	2,550	2,820	11,500	4,360	5,980	10,100	4,280	6,430	1,940	941	1,290
6	2,970	2,490	2,680	6,120	4,060	4,690	9,720	6,020	7,310	1,480	653	908
7	3,830	2,950	3,210	7,380	3,850	5,040	9,860	5,600	8,270	1,220	526	733
8	4,160	3,520	3,940	9,090	3,970	5,680	11,800	4,980	6,410	1,560	418	717
9	4,000	2,620	3,270	12,600	6,930	9,440	10,100	5,470	7,640	1,730	574	1,030
10	5,580	2,410	3,850	7,620	4,350	5,860	12,400	6,850	9,590	1,890	773	1,220
11	6,060	4,690	5,370	8,290	3,770	5,910	12,900	9,140	9,960	1,380	386	652
12	5,980	4,630	5,110	9,300	5,540	8,050	16,100	8,600	11,000	1,380	528	761
13	5,410	4,040	4,690	9,370	4,870	6,590	15,200	6,670	10,100	1,870	734	1,410
14	5,380	3,960	4,440	7,300	3,620	4,710	15,200	6,600	10,400	3,000	1,530	2,100
15	5,570	3,750	4,800	10,500	3,520	5,210	14,800	7,580	11,500	2,290	1,550	1,890
16	5,410	4,530	4,910	12,800	3,770	6,000	14,500	8,980	12,300	7,340	1,580	4,100
17	6,660	3,580	4,980	7,140	4,060	5,500	13,000	9,270	11,000	11,800	3,720	6,690
18	7,080	4,420	5,980	8,070	4,060	6,170	14,000	8,460	9,810	10,000	4,940	6,690
19	9,850	4,620	6,110	13,100	4,690	8,560	---	---	---	9,070	4,200	5,840
20	9,850	6,150	7,260	12,200	8,010	9,100	---	---	---	8,060	4,660	5,860
21	8,700	6,110	7,190	8,430	4,900	6,170	---	---	---	9,940	5,570	6,520
22	---	---	---	9,730	6,720	9,000	---	---	---	8,460	5,670	6,390
23	11,200	8,530	9,320	16,800	8,690	12,200	---	---	---	13,900	4,920	8,170
24	13,100	7,250	9,600	17,300	7,280	12,800	---	---	---	16,700	6,320	9,580
25	16,900	9,120	12,700	17,600	8,740	13,900	16,400	9,740	11,900	12,800	6,780	8,990
26	10,800	9,120	10,300	17,900	10,800	13,600	17,500	5,690	9,380	12,300	7,270	9,840
27	12,300	9,030	10,200	13,600	10,200	12,600	---	---	---	11,000	7,260	9,540
28	13,000	6,120	9,700	18,900	10,600	12,900	12,300	7,780	9,930	14,900	9,540	11,400
29	---	---	---	17,900	6,120	12,100	16,600	10,200	13,400	16,500	7,040	11,200
30	---	---	---	17,300	6,120	10,100	15,900	6,960	10,700	14,400	5,960	9,650
31	---	---	---	12,700	5,010	7,820	---	---	---	20,000	7,750	12,600
Month	---	---	---	18,900	3,080	7,990	---	---	---	20,000	386	5,280

08017044 Calcasieu River at I-10 at Lake Charles, LA—Continued

TOP
SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	19,200	8,950	14,200	---	---	---	---	---	---	13,400	5,830	9,150
2	19,100	8,930	13,800	---	---	---	---	---	---	14,000	6,760	11,000
3	16,000	8,820	11,400	---	---	---	---	---	---	16,300	8,190	12,100
4	17,500	9,820	13,200	---	---	---	---	---	---	19,300	7,340	14,100
5	19,300	10,900	14,300	13,100	5,010	7,350	---	---	---	23,300	9,990	17,300
6	19,800	11,200	15,100	9,580	5,560	7,250	---	---	---	20,300	12,900	16,900
7	18,300	11,300	15,100	10,700	5,880	7,240	---	---	---	21,900	12,900	17,500
8	18,700	10,900	15,400	11,200	5,350	8,070	---	---	---	22,600	14,000	18,200
9	19,700	11,600	16,300	12,900	7,840	10,400	---	---	---	21,800	13,800	17,900
10	21,200	12,200	18,000	12,000	6,890	9,840	---	---	---	21,200	10,100	16,400
11	23,200	14,800	18,200	13,600	7,610	11,000	---	---	---	20,900	9,920	15,500
12	23,500	14,400	19,500	15,000	9,030	11,600	---	---	---	20,400	8,490	14,900
13	---	---	---	14,000	9,260	10,900	---	---	---	19,100	12,500	16,000
14	29,700	17,200	25,300	13,700	8,200	9,660	---	---	---	18,600	10,800	15,300
15	---	---	---	14,900	7,910	10,400	---	---	---	20,100	10,400	15,900
16	---	---	---	16,000	7,920	11,400	---	---	---	18,800	10,100	15,300
17	21,300	13,400	17,200	13,800	9,020	11,500	---	---	---	18,600	10,300	15,300
18	24,300	10,600	16,800	---	---	---	---	---	---	17,900	8,060	13,700
19	---	---	---	---	---	---	---	---	---	15,400	8,070	11,400
20	9,610	3,900	6,600	---	---	---	---	---	---	15,500	12,200	13,700
21	---	---	---	---	---	---	---	---	---	16,500	11,300	13,400
22	---	---	---	---	---	---	---	---	---	15,000	12,200	13,800
23	---	---	---	---	---	---	22,200	9,910	15,100	14,900	11,300	13,900
24	---	---	---	---	---	---	19,100	10,300	14,300	---	---	---
25	---	---	---	---	---	---	17,800	10,100	11,700	---	---	---
26	---	---	---	---	---	---	13,000	5,580	9,690	---	---	---
27	---	---	---	---	---	---	11,300	4,430	6,370	---	---	---
28	---	---	---	---	---	---	8,350	3,120	4,630	---	---	---
29	---	---	---	---	---	---	8,400	3,090	4,260	---	---	---
30	---	---	---	---	---	---	4,720	3,050	3,770	---	---	---
31	---	---	---	---	---	---	9,550	2,940	5,950	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

08017044 Calcasieu River at I-10 at Lake Charles, LA—Continued

**COMPUTED FROM SPECCOND
SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	15.5	9.6	12.0	10.1	4.5	6.1
2	---	---	---	---	---	---	14.7	10.4	11.9	9.9	3.4	6.8
3	---	---	---	---	---	---	16.6	13.0	14.3	8.3	4.5	5.6
4	---	---	---	---	---	---	15.7	7.3	11.7	9.2	4.9	6.7
5	---	---	---	---	---	---	12.7	9.4	10.3	10.3	6.0	8.1
6	---	---	---	---	---	---	16.3	9.7	12.2	12.0	6.4	9.2
7	---	---	---	---	---	---	17.3	11.8	14.1	12.9	5.6	9.4
8	---	---	---	---	---	---	19.4	11.1	15.5	11.3	8.9	9.8
9	---	---	---	---	---	---	16.9	13.8	15.3	9.7	6.3	8.2
10	---	---	---	---	---	---	19.6	10.2	16.4	13.0	6.6	9.7
11	---	---	---	---	---	---	19.4	14.1	16.4	13.2	7.9	10.3
12	---	---	---	---	---	---	17.4	13.9	15.7	13.2	7.9	10.6
13	---	---	---	---	---	---	17.2	12.9	15.0	15.8	10.5	11.8
14	---	---	---	---	---	---	18.7	8.6	14.2	---	---	---
15	---	---	---	16.8	12.9	14.7	8.6	5.2	6.4	---	---	---
16	---	---	---	14.8	9.7	11.9	5.6	2.6	4.0	---	---	---
17	---	---	---	14.2	8.9	11.9	2.9	1.6	2.3	---	---	---
18	---	---	---	15.5	11.1	13.3	2.6	1.8	2.1	---	---	---
19	---	---	---	16.6	12.6	15.0	2.1	1.6	1.8	---	---	---
20	---	---	---	16.9	13.3	15.5	2.2	1.5	1.9	---	---	---
21	---	---	---	17.2	14.5	15.8	2.8	1.8	2.2	---	---	---
22	---	---	---	16.1	13.3	14.4	2.9	1.6	2.2	---	---	---
23	---	---	---	16.0	13.3	14.8	5.1	2.1	3.0	---	---	---
24	---	---	---	16.6	11.7	14.5	6.3	2.9	3.6	---	---	---
25	---	---	---	15.8	11.6	13.3	5.5	2.8	4.0	11.1	5.1	7.4
26	---	---	---	18.7	11.7	13.7	5.1	2.8	4.0	12.2	5.8	8.5
27	---	---	---	15.0	10.1	12.7	4.9	2.4	3.5	13.2	3.7	7.9
28	---	---	---	15.1	8.1	11.7	5.0	3.5	4.1	12.3	5.0	7.3
29	---	---	---	13.5	8.1	10.5	6.1	3.3	4.4	12.3	2.9	5.4
30	---	---	---	12.7	9.0	10.2	9.3	4.2	6.5	9.7	3.1	5.3
31	---	---	---	---	---	---	9.8	4.3	7.0	6.8	4.4	5.2
Month	---	---	---	---	---	---	19.6	1.5	8.3	---	---	---

08017044 Calcasieu River at I-10 at Lake Charles, LA—Continued

**COMPUTED FROM SPECCOND
SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	6.3	3.8	4.9	6.1	2.3	4.3	5.2	2.7	3.8	5.0	2.6	3.9
2	7.0	2.4	3.9	3.7	1.7	2.5	7.3	3.0	4.4	3.6	2.3	2.9
3	2.5	2.0	2.3	3.2	1.6	2.3	5.8	3.3	4.5	2.3	1.3	1.7
4	2.0	1.3	1.7	4.9	1.7	2.8	4.6	2.7	3.5	1.6	0.8	1.1
5	1.6	1.3	1.5	6.5	2.3	3.3	5.7	2.3	3.5	1.0	0.5	0.6
6	1.5	1.3	1.4	3.3	2.1	2.5	5.5	3.3	4.0	0.7	0.3	0.4
7	2.0	1.5	1.7	4.1	2.0	2.7	5.5	3.0	4.6	0.6	0.3	0.4
8	2.2	1.8	2.1	5.1	2.1	3.1	6.7	2.7	3.5	0.8	0.2	0.4
9	2.1	1.3	1.7	7.2	3.8	5.3	5.7	2.9	4.2	0.9	0.3	0.5
10	3.0	1.2	2.0	4.2	2.3	3.2	7.1	3.7	5.4	1.0	0.4	0.6
11	3.3	2.5	2.9	4.6	2.0	3.2	7.4	5.1	5.6	0.7	0.2	0.3
12	3.2	2.5	2.7	5.2	3.0	4.5	9.4	4.8	6.3	0.7	0.3	0.4
13	2.9	2.1	2.5	5.2	2.6	3.6	8.9	3.6	5.7	0.9	0.4	0.7
14	2.9	2.1	2.4	4.0	1.9	2.5	8.9	3.6	5.9	1.6	0.8	1.1
15	3.0	2.0	2.6	6.0	1.8	2.8	8.6	4.2	6.5	1.2	0.8	1.0
16	2.9	2.4	2.6	7.4	2.0	3.3	8.4	5.0	7.0	4.0	0.8	2.2
17	3.6	1.9	2.7	3.9	2.1	3.0	7.5	5.2	6.3	6.7	2.0	3.7
18	3.9	2.4	3.2	4.5	2.1	3.4	8.1	4.7	5.5	5.6	2.6	3.7
19	5.5	2.5	3.3	7.5	2.5	4.8	---	---	---	5.1	2.2	3.2
20	5.5	3.3	4.0	7.0	4.4	5.1	---	---	---	4.5	2.5	3.2
21	4.8	3.3	3.9	4.7	2.6	3.4	---	---	---	5.6	3.0	3.6
22	---	---	---	5.5	3.7	5.0	---	---	---	4.7	3.1	3.5
23	6.3	4.7	5.2	9.9	4.8	7.0	---	---	---	8.0	2.6	4.5
24	7.5	4.0	5.4	10.2	4.0	7.4	---	---	---	9.8	3.4	5.4
25	9.9	5.1	5.1	10.4	4.9	8.1	9.6	5.5	6.8	7.4	3.7	5.0
26	6.1	5.1	5.8	10.5	6.1	7.8	10.3	3.1	5.3	7.0	4.0	5.5
27	7.0	5.0	5.7	7.8	5.8	7.2	---	---	---	6.2	4.0	5.4
28	7.5	3.3	5.5	11.2	6.0	7.4	7.0	4.3	5.6	8.7	5.3	6.4
29	---	---	---	10.5	3.3	6.9	9.7	5.8	7.7	9.7	3.9	6.4
30	---	---	---	10.2	3.3	5.7	9.3	3.8	6.1	8.3	3.2	5.4
31	---	---	---	7.3	2.7	4.3	---	---	---	11.9	4.3	7.3
Month	---	---	---	11.2	1.6	4.5	---	---	---	11.9	0.2	2.9

08017044 Calcasieu River at I-10 at Lake Charles, LA—Continued

**COMPUTED FROM SPECCOND
SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	11.4	5.0	8.2	---	---	---	---	---	---	7.7	3.2	5.1
2	11.4	5.0	8.0	---	---	---	---	---	---	8.1	3.7	6.2
3	9.3	4.9	6.5	---	---	---	---	---	---	9.5	4.5	7.0
4	10.3	5.5	7.6	---	---	---	---	---	---	11.5	4.0	8.2
5	11.5	6.2	8.3	7.5	2.7	4.1	---	---	---	14.1	5.6	10.2
6	11.8	6.3	8.8	5.4	3.0	4.0	---	---	---	12.1	7.4	10
7	10.8	6.4	8.8	6.1	3.2	4.0	---	---	---	13.2	7.4	10.3
8	11.1	6.2	9.0	6.3	2.9	4.5	---	---	---	13.6	8.1	10.8
9	11.7	6.6	9.5	7.4	4.3	5.9	---	---	---	13.1	7.9	10.6
10	12.7	7.0	10.6	6.8	3.8	5.5	---	---	---	12.7	5.7	9.7
11	14.0	8.6	10.8	7.8	4.2	6.2	---	---	---	12.5	5.6	9.0
12	14.2	8.3	11.6	8.7	5.0	6.6	---	---	---	12.1	4.7	8.7
13	---	---	---	8.1	5.2	6.2	---	---	---	11.4	7.2	9.3
14	18.4	10.1	15.4	7.9	4.5	5.4	---	---	---	11.0	6.1	8.9
15	---	---	---	8.7	4.4	5.9	---	---	---	12.0	5.9	9.3
16	---	---	---	9.3	4.4	6.5	---	---	---	11.1	5.7	8.9
17	12.8	7.7	10.1	7.9	5.0	6.5	---	---	---	11.0	5.8	8.9
18	14.7	6.0	9.9	---	---	---	---	---	---	10.5	4.5	7.9
19	---	---	---	---	---	---	---	---	---	9.0	4.5	6.5
20	5.4	2.1	3.6	---	---	---	---	---	---	9.0	7.0	7.9
21	---	---	---	---	---	---	---	---	---	9.7	6.4	7.7
22	---	---	---	---	---	---	---	---	---	8.7	7.0	7.9
23	---	---	---	---	---	---	13.3	5.6	8.8	8.7	6.4	8.0
24	---	---	---	---	---	---	11.4	5.8	8.3	---	---	---
25	---	---	---	---	---	---	10.5	5.7	6.6	---	---	---
26	---	---	---	---	---	---	7.5	3.0	5.5	---	---	---
27	---	---	---	---	---	---	6.4	2.4	3.5	---	---	---
28	---	---	---	---	---	---	4.6	1.6	2.5	---	---	---
29	---	---	---	---	---	---	4.7	1.6	2.3	---	---	---
30	---	---	---	---	---	---	2.5	1.6	2.0	---	---	---
31	---	---	---	---	---	---	5.3	1.5	3.2	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

08017044 Calcasieu River at I-10 at Lake Charles, LA—Continued

ELEVATION: 1.000
TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	29.1	27.7	28.2	---	---	---	17.3	16.0	16.8	16.9	12.6	14.4
2	28.7	27.6	28.0	---	---	---	17.2	15.6	16.3	17.1	12.9	14.6
3	28.6	27.5	28.1	---	---	---	18.3	16.2	17.2	15.3	13.5	14.2
4	28.5	27.7	28.2	---	---	---	19.0	18.2	18.5	15.7	13.9	14.6
5	28.8	27.7	28.3	---	---	---	18.3	16.5	17.3	14.6	13.7	14.2
6	28.5	27.8	28.2	---	---	---	17.5	16.2	16.9	14.2	13.0	13.7
7	28.1	27.1	27.4	---	---	---	17.4	14.7	16.4	14.2	12.2	13.5
8	27.1	26.0	26.5	23.8	22.1	22.6	17.2	15.2	16.2	15.5	13.0	14.1
9	26.7	24.8	25.8	25.0	22.1	22.8	16.0	14.3	15.2	15.4	14.2	14.6
10	26.4	24.4	25.2	23.1	22.3	22.7	16.4	13.6	15.1	15.3	14.1	14.6
11	---	---	---	22.5	21.5	22.2	15.7	12.9	14.4	14.9	13.3	14.1
12	---	---	---	22.7	21.5	22.2	15.2	13.6	14.8	15.5	13.9	14.6
13	---	---	---	22.8	22.0	22.3	15.4	14.4	14.9	15.8	14.7	15.3
14	---	---	---	23.3	22.4	22.5	15.3	14.4	14.9	---	---	---
15	---	---	---	23.9	22.7	23.2	16.1	14.5	15.5	---	---	---
16	---	---	---	22.7	20.5	21.4	15.9	13.5	14.8	---	---	---
17	---	---	---	21.0	19.7	20.4	13.6	12.2	13.0	---	---	---
18	---	---	---	20.4	17.8	19.2	12.4	11.7	12.2	---	---	---
19	---	---	---	19.8	17.8	19.0	11.7	11.0	11.5	---	---	---
20	---	---	---	20.1	17.6	19.3	11.0	10.5	10.8	---	---	---
21	---	---	---	20.0	18.6	19.5	10.8	10.3	10.5	---	---	---
22	---	---	---	19.8	17.3	18.7	10.9	9.9	10.4	---	---	---
23	---	---	---	19.2	18.4	18.9	11.9	10.0	10.9	---	---	---
24	---	---	---	18.8	18.1	18.5	11.5	11.1	11.3	---	---	---
25	---	---	---	18.4	17.6	18.1	11.5	10.6	11.1	15.2	13.5	14.4
26	---	---	---	18.0	17.1	17.5	12.0	10.5	11.2	14.6	12.8	13.9
27	---	---	---	19.4	17.3	18.2	13.8	11.0	11.9	14.5	13.1	14.1
28	---	---	---	19.2	18.8	18.9	14.0	12.1	12.6	15.1	13.8	14.3
29	---	---	---	18.9	17.2	18.1	13.8	11.7	12.4	15.4	14.3	14.8
30	---	---	---	18.0	16.3	17.1	14.6	12.4	12.9	15.6	14.8	15.2
31	---	---	---	---	---	---	14.4	12.4	12.9	15.5	14.3	15.0
Month	---	---	---	---	---	---	19.0	9.9	13.9	---	---	---

08017044 Calcasieu River at I-10 at Lake Charles, LA—Continued

ELEVATION: 1.000
TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	16.3	14.3	15.3	15.6	13.7	14.5	20.7	19.3	19.9	24.9	23.0	23.3
2	16.3	15.3	15.8	16.6	14.6	15.2	22.2	20.2	21.0	24.6	23.0	23.5
3	16.2	15.6	15.8	16.9	15.2	15.8	21.4	20.0	20.3	24.8	23.2	23.6
4	16.3	15.4	15.7	17.0	15.3	15.9	22.1	20.5	21.1	24.5	23.1	23.5
5	15.8	15.2	15.5	17.8	15.4	16.4	23.5	20.8	21.7	24.0	23.1	23.4
6	16.4	15.5	15.7	17.9	16.1	16.9	23.6	22.2	22.9	24.0	23.3	23.6
7	16.4	14.9	15.3	19.2	16.5	17.5	24.4	22.8	23.4	23.9	23.4	23.7
8	15.5	14.4	14.8	19.6	17.1	18.3	23.7	21.9	22.5	25.3	23.3	24.0
9	15.3	14.1	14.7	19.3	18.2	18.8	23.1	21.2	22.0	26.4	23.7	24.4
10	14.8	14.2	14.5	19.4	17.7	18.4	23.2	21.2	22.0	25.3	24.1	24.7
11	14.4	13.5	14.0	20.6	18.7	19.6	23.8	22.0	22.8	25.0	24.2	24.5
12	14.1	13.1	13.5	21.4	20.3	20.8	23.8	22.1	22.9	25.9	23.8	24.5
13	13.9	12.3	13.2	21.2	19.5	20.6	24.3	21.9	22.7	25.4	24.0	24.7
14	13.7	12.4	13.1	19.8	18.9	19.3	24.7	22.3	23.3	25.0	24.1	24.6
15	14.6	13.0	13.6	19.9	18.2	19.0	25.2	23.2	24.2	25.4	23.6	24.4
16	15.2	13.5	14.1	19.8	18.6	19.2	25.0	23.6	24.2	25.5	23.9	24.7
17	14.6	13.1	13.7	21.3	19.2	19.8	25.0	23.4	24.2	25.7	23.7	24.7
18	13.3	12.3	12.9	19.7	19.1	19.2	---	---	---	25.6	23.8	24.5
19	12.5	11.9	12.1	19.6	18.5	19.0	---	---	---	26.8	24.7	25.6
20	12.5	10.6	11.7	19.8	19.4	19.5	---	---	---	27.1	24.6	25.7
21	13.5	11.6	12.2	20.1	19.0	19.5	---	---	---	27.7	25.2	26.1
22	---	---	---	19.6	18.0	18.9	---	---	---	28.0	25.8	26.6
23	14.2	13.0	13.5	19.3	17.0	18.1	---	---	---	27.7	25.8	26.4
24	13.5	12.6	13.0	18.9	17.3	18.1	---	---	---	28.2	26.0	26.9
25	13.1	12.6	12.8	18.9	16.6	18.1	26.9	25.1	26.1	28.5	25.9	27.4
26	14.1	12.4	13.0	19.4	16.9	18.4	26.2	24.1	25.1	28.7	26.3	27.6
27	14.6	12.2	13.4	19.1	17.3	18.4	---	---	---	29.5	26.9	28.3
28	14.7	13.6	14.1	19.0	18.3	18.6	25.0	24.1	24.5	29.5	27.8	28.6
29	---	---	---	19.4	18.2	18.7	24.5	23.6	24.1	28.6	26.7	27.5
30	---	---	---	21.1	18.6	19.6	25.5	23.4	23.9	27.3	26.5	26.9
31	---	---	---	21.3	18.9	19.9	---	---	---	27.3	25.7	26.6
Month	---	---	---	21.4	13.7	18.4	---	---	---	29.5	23.0	25.3

08017044 Calcasieu River at I-10 at Lake Charles, LA—Continued

ELEVATION: 1.000
TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	28.4	26.6	26.9	---	---	---	30.1	28.2	28.8	31.4	30.4	30.7
2	28.4	26.9	27.2	---	---	---	30.1	28.7	29.3	31.9	30.3	30.7
3	28.8	26.5	27.5	---	---	---	32.2	28.8	29.8	31.7	29.8	30.6
4	28.9	27.1	27.8	---	---	---	32.5	29.2	30.4	30.9	29.4	30.2
5	29.9	27.5	28.2	28.6	28.1	28.4	32.8	29.4	30.6	30.7	29.3	30.1
6	29.7	27.7	28.4	29.2	27.9	28.3	31.3	29.8	30.4	30.3	29.3	30.0
7	28.9	28.0	28.3	29.5	28.2	29.0	32.1	29.3	30.0	30.6	29.2	29.9
8	30.1	28.1	28.5	30.4	28.6	29.3	31.2	29.2	29.7	30.5	29.5	30.1
9	30.3	28.4	28.9	30.5	29.2	29.6	31.2	29.8	30.5	30.1	28.7	29.6
10	30.6	28.5	29.2	30.4	29.3	29.7	31.1	29.9	30.4	29.6	28.0	29.2
11	31.1	28.7	29.8	30.8	29.2	29.6	31.8	29.8	30.6	30.2	28.3	29.3
12	30.9	28.8	29.4	31.1	29.5	30.2	30.4	29.6	29.9	30.9	29.4	29.7
13	---	---	---	31.2	29.8	30.4	31.1	29.4	30.1	30.2	29.6	29.8
14	29.8	27.7	28.5	32.2	29.8	30.5	32.0	30.3	30.9	31.3	29.2	29.8
15	---	---	---	32.6	29.8	30.5	33.8	30.6	31.5	30.2	29.2	29.6
16	---	---	---	33.1	30.1	31.0	---	---	---	30.6	29.2	29.6
17	29.0	27.4	28.4	31.8	30.9	31.2	---	---	---	30.5	29.5	29.9
18	29.1	28.0	28.6	33.6	30.1	31.4	---	---	---	30.1	29.0	29.6
19	---	---	---	32.8	30.8	31.4	---	---	---	29.7	28.9	29.3
20	26.4	24.9	25.7	32.1	30.2	30.9	---	---	---	29.5	28.3	28.9
21	---	---	---	32.7	30.8	31.4	---	---	---	28.8	26.3	28.0
22	---	---	---	32.4	30.6	31.1	---	---	---	28.9	26.4	27.6
23	---	---	---	32.1	30.7	31.4	31.6	30.5	31.2	29.2	28.0	28.5
24	---	---	---	31.1	30.0	30.7	33.7	30.9	31.6	28.9	28.3	28.6
25	---	---	---	30.1	29.0	29.7	31.2	30.3	30.8	28.6	26.8	27.9
26	---	---	---	28.9	27.3	28.0	30.6	29.6	30.1	28.5	27.7	28.1
27	---	---	---	28.3	26.8	27.4	30.1	29.6	29.8	28.3	27.3	27.8
28	---	---	---	27.7	26.7	27.1	30.3	29.3	29.7	28.3	27.3	27.8
29	---	---	---	28.1	26.9	27.2	31.2	29.3	30.0	27.9	26.6	27.5
30	---	---	---	28.7	27.1	27.7	30.5	29.2	29.8	28.3	26.9	27.5
31	---	---	---	29.4	27.5	28.2	31.2	28.9	30.1	---	---	---
Month	---	---	---	---	---	---	---	---	---	31.9	26.3	29.2