

3007220891501 MISSISSIPPI SOUND AT GRAND PASS, LA

LOCATION.--Lat 30°07'22", long 89°15'01", Sec. 12, T.11 S., R. 19 E., St. Bernard Parish, Hydrologic Unit 08090203, on a U.S. Coast Guard Navigational Aid structure, located in Grand Pass nr Oyster Bay, and 12 miles southeast of Waveland, MS.

DRAINAGE AREA.--Indeterminate.

WATER-STAGE RECORDS

PERIOD OF RECORD.--June 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is assumed.

REMARKS.--Satellite telemetry at station. Stage affected by wind and tide. Site destroyed by Hurricanes Ivan and Katrina.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded gage height, 9.41 ft, Aug. 29, 2005, but may have been higher during period of missing record due to Hurricane Katrina; minimum recorded gage height, 1.28 ft, Mar. 10, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum recorded gage height, 9.41 ft, Aug. 29; minimum recorded gage height, 1.60 ft, July 2.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	FEBRUARY			MARCH			APRIL			MAY			
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	
1										4.55	2.28	3.55	
2										4.07	2.54	3.46	
3										3.93	2.42	3.40	
4										3.84	2.95	3.34	
5										3.67	2.81	3.19	
6										4.04	2.53	3.34	
7										3.79	2.15	3.05	
8										4.19	2.35	3.26	
9										4.33	2.32	3.27	
10										4.54	2.41	3.49	
11										4.24	2.25	3.22	
12										4.12	2.24	3.19	
13										4.31	2.26	3.36	
14										4.29	2.72	3.49	
15										4.15	2.70	3.42	
16										4.19	2.64	3.54	
17										3.89	2.84	3.38	
18										3.68	3.07	3.41	
19										3.62	3.09	3.38	
20										3.76	2.69	3.28	
21										3.79	2.51	3.16	
22										4.57	2.50	3.45	
23										4.47	1.95	3.16	
24										4.18	1.68	2.99	
25										4.90	1.93	3.33	
26										4.74	2.11	3.49	
27										4.66	2.25	3.47	
28										4.33	2.12	3.30	
29								4.53	2.34	3.43	4.98	2.39	3.36
30								4.51	2.58	3.44	4.62	2.69	3.80
31								---	---	---	4.22	3.43	3.84
MONTH											4.98	1.68	3.37

PEARL RIVER BASIN

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GAGE HEIGHT, FEET—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	3.82	3.29	3.61	3.95	1.79	2.96	4.12	2.06	3.11			
2	4.15	3.13	3.66	3.77	1.60	2.81	4.20	2.07	3.10			
3	4.40	2.89	3.71	3.78	1.68	2.81	4.11	2.16	3.20			
4	4.65	2.66	3.81	3.68	1.66	2.73	4.18	2.36	3.26			
5	4.86	2.92	3.93	4.43	1.98	3.24	4.21	2.47	3.32			
6	4.89	2.66	3.78	7.39	1.90	3.78	4.03	2.52	3.27			
7	4.65	2.45	3.59	4.21	2.10	3.24	3.75	2.34	3.11			
8	4.56	2.47	3.50	4.14	2.24	3.17	3.49	2.45	3.00			
9	4.71	2.56	3.66	4.44	2.26	3.52	3.52	2.47	2.88			
10	5.52	2.73	4.17	6.08	3.03	4.46	3.18	2.41	2.87			
11	5.68	3.56	4.56	4.48	2.90	3.83	3.46	2.55	2.87			
12	4.80	3.16	4.08	4.16	2.87	3.68	3.52	2.11	2.79			
13	4.55	3.14	3.87	3.72	2.84	3.37	3.57	2.07	2.81			
14	4.14	2.76	3.69	3.66	2.79	3.18	3.86	1.78	2.88			
15	3.67	2.69	3.35	3.77	2.62	3.27	4.03	1.70	2.89			
16	3.66	2.96	3.27	4.14	2.63	3.43	4.24	1.79	3.01			
17	3.95	2.64	3.33	4.26	2.29	3.36	4.04	1.66	2.91			
18	4.27	2.58	3.50	4.47	2.18	3.38	4.24	1.82	3.09			
19	4.46	2.24	3.34	4.73	2.26	3.53	4.12	1.98	3.07			
20	4.59	2.29	3.40	4.84	2.20	3.60	3.88	2.21	3.02			
21	4.58	2.38	3.47	4.74	1.95	3.49	3.69	2.25	3.02			
22	---	---	---	4.65	1.97	3.43	3.38	2.56	3.10			
23	---	---	---	4.06	2.14	3.00	3.77	2.76	3.27			
24	---	---	---	3.92	2.04	2.90	3.77	2.82	3.27			
25	---	---	---	3.53	2.31	3.00	3.96	2.54	3.24			
26	---	---	---	3.20	2.67	3.03	4.32	2.59	3.35			
27	---	---	---	3.41	2.57	2.94	4.71	2.84	3.63			
28	---	---	---	3.57	2.07	2.88	7.11	3.72	5.39			
29	3.80	2.84	3.40	3.86	1.85	2.96						
30	3.74	2.46	3.12	3.96	1.98	2.98						
31	---	---	---	4.03	2.11	3.09						
MONTH	---	---	---	7.39	1.60	3.26						

3007220891501 MISSISSIPPI SOUND AT GRAND PASS, LA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1999 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1999 to current year.

SALINITY: October 2002 to September 2003.

WATER TEMPERATURE: June 1999 to current year.

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

REMARKS.--Site destroyed by Hurricanes Ivan and Katrina.

SPECIFIC CONDUCTANCE: Records rated excellent except for May 2-10 when records good, May 11-17 and June 22-Aug. 29 when records fair.

SALINITY: Records rated excellent except for May 2-10 when records good, May 11-17 and June 22-Aug. 29 when records fair.

WATER TEMPERATURE: Records rated good except for June 22-Aug. 29 when records fair.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 52,200 microsiemens/cm, Jan. 28, 2000; minimum recorded, 4,530 microsiemens/cm, Mar. 9, 2003.

SALINITY: Maximum, 31.1 ppt, Jan. 29, 2003; minimum, 2.4 ppt, Mar. 9, 2003.

WATER TEMPERATURE: Maximum recorded, 33.7°C, Aug. 20, 2004; minimum recorded, 3.9°C, Jan. 4, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 37,900 microsiemens/cm, Aug. 29; minimum, 14,900 microsiemens/cm, July 15.

SALINITY: Maximum, 24.0 ppt, Aug. 29; minimum, 8.7 ppt, July 15.

WATER TEMPERATURE: Maximum, 33.7°C, Aug. 20; minimum, 19.3°C, May 5.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1										37,400	25,900	31,000
2										37,200	32,400	34,600
3										36,400	32,800	35,700
4										36,400	31,700	34,000
5										34,000	26,600	30,200
6										30,300	25,800	28,100
7										29,900	23,800	27,700
8										34,000	25,100	29,100
9										33,800	24,700	29,600
10										35,400	24,900	31,400
11										34,900	26,000	30,500
12										35,700	25,800	30,000
13										35,100	23,700	30,200
14										34,900	26,000	31,000
15										33,700	25,200	28,800
16										33,300	26,500	29,900
17										33,500	22,000	27,800
18										---	---	---
19										---	---	---
20										---	---	---
21										---	---	---
22										---	---	---
23										---	---	---
24										---	---	---
25										---	---	---
26										---	---	---
27										---	---	---
28										---	---	---
29										25,400	17,500	22,400
30										30,500	18,900	23,200
31										---	---	---
MONTH										---	---	---

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SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	22,400	16,100	19,800	28,800	17,400	25,000			
2	---	---	---	19,800	15,600	17,700	29,700	21,300	25,700			
3	---	---	---	20,300	15,300	18,100	30,900	21,300	27,400			
4	---	---	---	23,600	15,900	20,100	31,900	24,100	28,900			
5	---	---	---	29,500	18,700	24,200	31,200	25,600	29,400			
6	---	---	---	35,300	18,100	29,100	31,600	26,000	29,300			
7	---	---	---	31,200	17,300	24,900	31,400	24,800	28,200			
8	---	---	---	29,900	17,200	22,800	28,600	24,800	26,100			
9	---	---	---	32,900	17,800	27,300	26,400	23,200	25,000			
10	---	---	---	37,300	30,600	34,100	26,600	21,800	24,600			
11	---	---	---	33,500	18,600	26,600	26,600	21,700	24,300			
12	---	---	---	32,900	19,000	25,200	28,200	21,000	23,700			
13	---	---	---	20,300	17,100	18,700	27,300	16,700	22,100			
14	---	---	---	22,300	16,700	18,800	26,700	18,700	24,200			
15	---	---	---	32,400	14,900	22,800	29,500	19,300	25,500			
16	---	---	---	34,400	20,600	28,100	32,400	20,100	27,400			
17	---	---	---	34,300	26,400	32,200	31,300	18,700	26,400			
18	---	---	---	34,500	31,300	32,900	32,900	19,500	27,600			
19	---	---	---	35,900	31,300	33,900	33,200	21,700	28,100			
20	---	---	---	36,300	30,900	34,200	31,200	20,900	27,200			
21	---	---	---	35,500	30,000	32,900	28,400	20,500	24,400			
22	---	---	---	34,100	28,900	32,300	28,000	22,600	25,100			
23	---	---	---	33,500	25,900	29,300	31,100	23,300	28,500			
24	---	---	---	30,400	22,600	26,900	30,900	21,600	27,600			
25	---	---	---	31,400	23,300	27,800	33,000	28,400	30,700			
26	---	---	---	28,600	19,400	23,300	34,300	30,500	32,300			
27	---	---	---	22,000	16,300	18,700	36,300	31,100	33,600			
28	---	---	---	21,000	16,000	18,100	37,900	32,900	35,100			
29	28,300	19,800	24,200	25,000	16,100	20,300						
30	24,600	17,600	20,400	27,500	20,600	23,400						
31	---	---	---	28,100	22,100	25,800						
MONTH	---	---	---	37,300	14,900	25,500						

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SALINITY, WATER, UNFILTERED, PARTS PER THOUSAND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1										23.7	15.8	19.2
2										23.6	20.2	21.8
3										23.0	20.5	22.5
4										23.0	19.7	21.3
5										21.3	16.3	18.7
6										18.8	15.8	17.3
7										18.5	14.4	17.0
8										21.3	15.3	18.0
9										21.2	15.0	18.3
10										22.3	15.1	19.5
11										21.9	15.9	18.9
12										22.5	15.8	18.6
13										22.1	14.4	18.7
14										21.9	15.9	19.3
15										21.1	15.3	17.8
16										20.8	16.2	18.5
17										20.9	13.2	17.1
18										---	---	---
19										---	---	---
20										---	---	---
21										---	---	---
22										---	---	---
23										---	---	---
24										---	---	---
25										---	---	---
26										---	---	---
27										---	---	---
28										---	---	---
29							15.5	10.3	13.5	---	---	---
30							18.9	11.2	14.0	---	---	---
31							---	---	---	---	---	---
MONTH										---	---	---
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	13.5	9.4	11.8	17.7	10.2	15.2	---	---	---
2	---	---	---	11.8	9.1	10.4	18.4	12.8	15.7	---	---	---
3	---	---	---	12.1	8.9	10.7	19.2	12.8	16.8	---	---	---
4	---	---	---	14.3	9.3	12.0	19.9	14.6	17.8	---	---	---
5	---	---	---	18.2	11.1	14.7	19.4	15.6	18.1	---	---	---
6	---	---	---	22.2	10.7	18.0	19.6	15.9	18.1	---	---	---
7	---	---	---	19.4	10.2	15.2	19.5	15.0	17.3	---	---	---
8	---	---	---	18.5	10.1	13.8	17.6	15.0	15.9	---	---	---
9	---	---	---	20.6	10.5	16.8	16.1	14.0	15.2	---	---	---
10	---	---	---	23.6	19.0	21.4	16.3	13.1	14.9	---	---	---
11	---	---	---	20.9	11.0	16.3	16.3	13.0	14.7	---	---	---
12	---	---	---	20.6	11.3	15.4	17.4	12.6	14.4	---	---	---
13	---	---	---	12.1	10.1	11.0	16.7	9.8	13.3	---	---	---
14	---	---	---	13.4	9.8	11.1	16.3	11.1	14.7	---	---	---
15	---	---	---	20.2	8.7	13.8	18.2	11.5	15.5	---	---	---
16	---	---	---	21.6	12.3	17.3	20.2	12.0	16.8	---	---	---
17	---	---	---	21.5	16.1	20.1	19.4	11.1	16.2	---	---	---
18	---	---	---	21.7	19.4	20.6	20.6	11.6	17.0	---	---	---
19	---	---	---	22.6	19.4	21.2	20.7	13.0	17.3	---	---	---
20	---	---	---	22.9	19.2	21.4	19.4	12.5	16.7	---	---	---
21	---	---	---	22.3	18.6	20.6	17.5	12.2	14.8	---	---	---
22	---	---	---	21.4	17.8	20.1	17.2	13.6	15.2	---	---	---
23	---	---	---	20.9	15.8	18.1	19.3	14.1	17.5	---	---	---
24	---	---	---	18.9	13.6	16.5	19.2	13.0	17.0	---	---	---
25	---	---	---	19.5	14.1	17.1	20.6	17.5	19.1	---	---	---
26	---	---	---	17.6	11.5	14.1	21.5	18.9	20.1	---	---	---
27	---	---	---	13.2	9.5	11.1	22.9	19.3	21.0	---	---	---
28	---	---	---	12.6	9.3	10.7	24.0	20.6	22.1	---	---	---
29	17.4	11.8	14.7	15.2	9.4	12.1				---	---	---
30	14.9	10.4	12.2	16.9	12.3	14.1				---	---	---
31	---	---	---	17.3	13.3	15.7				---	---	---
MONTH	---	---	---	23.6	8.7	15.6						

PEARL RIVER BASIN

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TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1										22.0	20.2	21.3
2										22.1	19.8	20.8
3										22.2	19.6	20.9
4										20.9	19.7	20.3
5										21.6	19.3	20.3
6										22.0	19.9	20.9
7										22.9	20.9	21.7
8										24.2	21.7	22.8
9										24.2	22.5	23.2
10										25.3	22.9	24.0
11										26.4	24.0	25.1
12										27.2	25.0	25.9
13										27.2	25.7	26.4
14										27.7	25.7	26.7
15										27.7	26.0	26.7
16										27.3	25.0	26.1
17										27.2	25.5	26.3
18										---	---	---
19										---	---	---
20										---	---	---
21										---	---	---
22										---	---	---
23										---	---	---
24										---	---	---
25										---	---	---
26										---	---	---
27										---	---	---
28										---	---	---
29							24.0	21.6	22.7	---	---	---
30							23.4	22.0	22.9	---	---	---
31							---	---	---	---	---	---
MONTH							---	---	---	---	---	---
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	30.1	29.2	29.7	31.1	30.1	30.6	---	---	---
2	---	---	---	30.4	28.8	29.6	30.9	29.6	30.1	---	---	---
3	---	---	---	30.6	28.8	29.7	30.6	29.3	29.9	---	---	---
4	---	---	---	30.7	29.1	29.9	29.9	28.5	29.3	---	---	---
5	---	---	---	29.9	27.3	28.9	29.7	27.9	28.7	---	---	---
6	---	---	---	27.7	26.5	27.1	31.0	28.1	29.0	---	---	---
7	---	---	---	28.6	26.6	27.5	30.9	28.2	29.4	---	---	---
8	---	---	---	29.4	27.1	28.1	31.2	28.8	29.8	---	---	---
9	---	---	---	30.1	27.8	29.0	31.9	29.1	30.2	---	---	---
10	---	---	---	29.3	26.8	27.7	31.9	29.8	30.6	---	---	---
11	---	---	---	28.9	26.2	27.1	32.7	30.1	31.1	---	---	---
12	---	---	---	29.5	27.2	28.2	31.7	30.0	30.8	---	---	---
13	---	---	---	30.0	28.0	29.0	32.1	29.8	30.9	---	---	---
14	---	---	---	29.3	28.4	29.0	32.1	30.4	31.2	---	---	---
15	---	---	---	29.0	27.9	28.5	31.9	30.7	31.4	---	---	---
16	33.6	28.8	30.8	30.2	27.7	28.9	33.4	31.0	31.7	---	---	---
17	31.9	29.0	30.4	29.9	28.7	29.1	32.1	31.0	31.5	---	---	---
18	31.3	28.9	30.1	30.2	28.9	29.6	33.4	30.9	31.7	---	---	---
19	30.5	28.0	29.3	30.0	29.6	29.8	32.8	30.9	31.7	---	---	---
20	31.5	28.3	29.2	30.6	29.2	29.9	33.7	30.8	31.8	---	---	---
21	30.3	28.1	29.3	31.3	29.6	30.5	32.2	31.0	31.2	---	---	---
22	---	---	---	31.7	29.3	30.6	33.0	30.2	31.3	---	---	---
23	---	---	---	32.5	30.3	31.0	32.4	30.3	31.2	---	---	---
24	---	---	---	32.4	30.5	31.2	32.5	30.2	31.4	---	---	---
25	---	---	---	32.9	30.5	31.5	32.6	31.1	31.8	---	---	---
26	---	---	---	31.6	30.6	31.1	32.4	31.0	31.7	---	---	---
27	---	---	---	32.1	30.0	30.9	32.0	30.5	31.3	---	---	---
28	---	---	---	31.7	30.1	30.7	31.1	29.6	30.5	---	---	---
29	29.9	28.5	29.2	32.5	29.6	30.6	---	---	---	---	---	---
30	30.4	28.7	29.5	31.7	30.2	30.7	---	---	---	---	---	---
31	---	---	---	31.2	29.9	30.5	---	---	---	---	---	---
MONTH	---	---	---	32.9	26.2	29.5	---	---	---	---	---	---