Water-Data Report 2011

073816503 BAYOU PENCHANT SOUTH OF MORGAN CITY, LA

Central Louisiana Coastal Basin
West Central Louisiana Coastal Subbasin

LOCATION.--Lat 29°35′08″, long 91°09′19″ referenced to North American Datum of 1983, St. Mary Parish, LA, Hydrologic Unit 08090302, 7.5 miles south-southeast of Morgan City.

DRAINAGE AREA.--Indeterminate.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1997 to current year.

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is NAVD 88.

REMARKS.--Records fair. Discharge and gage height affected by tide at all stages. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum positive discharge, 16,600 ft^3/s, Oct. 30, 2009; maximum negative discharge, -13,100 ft^3/s, Sept. 25, 2005; maximum gage height, 5.95 ft, May 29, 30, 2011; minimum gage height, -0.39 ft, Jan. 29, Feb. 4, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 16,100 ft^3/s, May 27; maximum gage height, 5.95 ft, May 29, 30; maximum negative discharge, -11,700 ft^3/s, Sept. 4; minimum gage height, 0.45 ft, Jan. 13.

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 073816503, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/073816503.2011.pdf

073816503 BAYOU PENCHANT SOUTH OF MORGAN CITY, LA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	669	531	653	1,040	1,230	5,630	4,050	14,300	6,490	3,410	1,970
2	798	1,100	815	1,140	1,300	1,730	5,510	4,580	13,300	6,120	2,930	1,880
3	904	1,060	549	1,140	1,180	2,430	5,090	5,020	13,500	6,290	2,660	3,250
4	1,600	1,650	1,020	992	1,570	2,400	6,490	4,870	13,400	6,350	2,480	3,250
5	1,650	1,150	1,410	780	999	4,250	4,780	5,970	12,400	6,450	2,290	-5,350
6	1,490	774	1,250	1,010	631	1,910	4,880	6,340	12,300	6,070	2,660	-3,750
7	1,560	715	1,140	941	1,790	2,370	5,090	6,470	12,100	6,160	2,830	-112
8	1,470	856	1,190	710	1,090	2,100	5,300	6,750	11,400	6,850	3,140	1,330
9	1,550	597	1,300	1,200	1,520	4,390	5,110	6,680	11,200	6,690	3,390	1,590
10	1,070	744	1,400	1,370	1,350	3,150	5,200	6,590	11,100	6,340	2,710	1,970
11	1,190	790	1,440	1,310	1,180	3,710	5,770	6,780	10,800	6,030	2,690	1,970
12	1,030	783	2,760	1,540	1,100	3,830	4,630	6,900	10,500	6,440	2,530	1,570
13	588	725	1,730	1,320	1,010	4,020	5,000	8,140	10,100	6,580	2,680	1,830
14	781	886	1,520	1,150	1,370	4,660	4,630	8,220	9,540	5,880	2,970	1,780
15	982	1,610	1,190	1,450	1,360	4,930	5,510	8,240	9,440	6,020	2,940	1,980
16	941	1,340	2,050	1,580	1,280	4,740	4,090	9,170	8,840	5,750	2,940	2,200
17	949	568	1,720	1,820	1,170	5,010	3,610	9,600	8,820	5,710	2,840	1,970
18	1,230	706	1,720	1,860	1,570	5,370	4,560	10,700	8,640	5,630	2,500	1,640
19	1,270	652	1,510	1,420	1,070	5,270	4,130	10,300	8,390	5,280	2,370	2,160
20	1,220	957	1,270	1,860	1,070	5,140	4,180	9,930	8,650	5,050	2,070	2,500
21	1,060	639	842	1,240	886	5,140	4,130	10,800	8,750	5,220	2,070	2,070
22	1,210	963	987	990	799	5,380	4,590	12,100	7,960	4,970	2,040	2,040
23	1,220	654	1,090	775	466	5,770	4,230	13,000	6,390	5,050	2,140	2,190
24	1,260	191	1,070	731	238	5,100	4,030	13,600	7,370	5,060	2,180	1,620
25	741	605	1,970	1,280	917	5,030	4,330	14,600	7,030	5,120	2,520	1,770
26	1,810	649	1,340	1,250	611	5,590	4,290	15,000	7,140	4,960	2,480	2,340
27	156	32	866	927	132	5,300	5,270	14,700	7,190	4,390	2,570	1,470
28	-228	696	378	772	1,630	5,050	2,630	15,000	7,000	3,980	2,370	1,300
29	-179	557	-259	859	---	4,830	3,330	14,800	6,670	4,260	2,230	1,500
30	608	1,270	837	775	---	5,540	4,600	14,600	6,780	4,320	2,070	1,440
31	676	---	-195	1,010	---	5,330	---	14,700	---	3,320	2,150	---
Total	---	24,588	36,441	35,855	30,329	130,700	140,620	298,200	291,000	172,830	79,850	43,368

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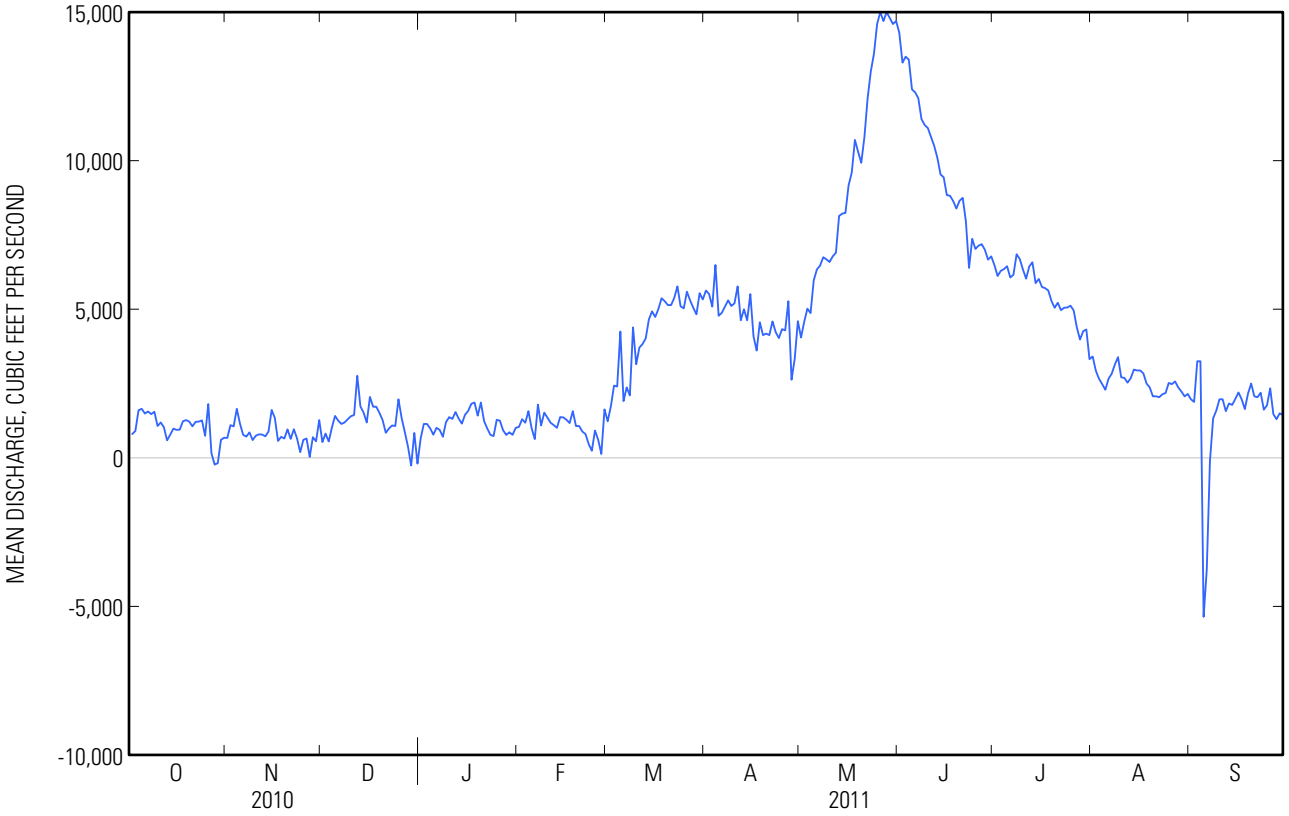

073816503 BAYOU PENCHANT SOUTH OF MORGAN CITY, LA—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.11	1.97	1.61	2.14	1.75	1.83	3.14	3.33	5.79	3.48	2.75	2.09
2	1.85	1.98	1.78	1.59	1.21	1.98	3.14	3.33	5.68	3.33	2.62	2.40
3	1.61	2.04	1.73	1.48	0.91	2.14	3.19	3.22	5.63	3.25	2.49	3.19
4	1.53	1.64	1.74	1.67	1.18	2.34	3.41	3.06	5.57	3.27	2.42	4.14
5	1.63	1.48	1.63	1.71	1.07	2.66	3.27	3.16	5.44	3.27	2.31	3.67
6	1.73	1.39	1.30	1.53	1.34	2.37	3.27	3.21	5.36	3.24	2.41	3.13
7	1.86	1.31	1.40	1.41	1.38	2.37	3.27	3.29	5.29	3.18	2.40	2.82
8	1.92	1.50	1.47	1.34	1.21	2.64	3.29	3.38	5.18	3.20	2.49	2.61
9	2.01	1.70	1.48	1.25	1.40	2.74	3.31	3.47	5.12	3.23	2.51	2.42
10	2.12	1.73	1.68	1.45	1.14	2.47	3.32	3.57	5.06	3.24	2.38	2.36
11	2.22	1.68	2.01	1.16	1.13	2.49	3.41	3.69	4.97	3.19	2.28	2.29
12	2.26	1.75	1.75	0.83	1.22	2.53	3.25	3.78	4.87	3.15	2.22	2.18
13	2.02	1.81	1.14	0.77	1.18	2.53	3.21	3.97	4.76	3.16	2.16	2.16
14	1.74	1.73	1.29	1.01	1.26	2.60	3.20	4.04	4.63	3.12	2.09	2.10
15	1.72	2.15	1.69	1.30	1.44	2.66	3.29	4.04	4.56	3.17	1.98	1.95
16	1.75	2.16	1.92	1.54	1.57	2.68	3.08	4.17	4.43	3.16	1.95	1.78
17	1.72	1.88	1.92	1.75	1.64	2.76	2.97	4.28	4.36	3.09	1.89	1.93
18	1.90	1.86	1.75	1.91	1.73	2.82	3.10	4.55	4.31	3.13	2.00	2.11
19	2.06	1.59	1.73	1.77	1.58	2.84	3.16	4.69	4.25	3.13	2.15	2.23
20	1.99	1.90	1.84	1.85	1.67	2.88	3.18	4.71	4.30	3.06	2.21	2.13
21	1.86	2.12	1.90	1.44	1.75	2.90	3.09	4.82	4.40	2.99	2.15	2.10
22	1.99	2.34	1.73	1.45	1.60	2.93	3.11	5.03	4.32	2.95	2.13	2.22
23	2.12	2.35	1.55	1.44	1.56	3.03	3.12	5.27	4.16	2.99	2.13	2.21
24	2.26	2.32	1.57	1.48	1.86	2.97	3.11	5.45	4.09	2.97	2.15	2.19
25	2.39	2.49	1.47	1.62	1.83	2.98	3.22	5.65	3.99	2.97	2.17	2.31
26	2.70	2.20	0.73	1.31	1.68	3.07	3.42	5.80	3.88	2.90	2.28	2.45
27	2.52	1.68	0.85	1.28	1.94	3.13	3.71	5.77	3.83	2.83	2.16	2.30
28	2.24	1.93	1.08	1.23	2.21	3.07	3.32	5.83	3.75	2.84	1.95	2.19
29	1.59	2.25	1.33	1.14	---	3.10	3.18	5.90	3.67	2.92	2.03	2.13
30	1.84	2.09	2.06	1.32	---	3.15	3.34	5.91	3.58	2.93	2.09	1.99
31	1.93	---	2.21	1.46	---	3.11	---	5.88	---	2.81	2.11	---
Max	2.70	2.49	2.21	2.14	2.21	3.15	3.71	5.91	5.79	3.48	2.75	4.14
Min	1.53	1.31	0.73	0.77	0.91	1.83	2.97	3.06	3.58	2.81	1.89	1.78