08042000 Taylor Bayou near LaBelle, TX

Galveston Bay-Sabine Lake Basin
Sabine Lake Subbasin

LOCATION.--Lat 29°52′30″, long 94°09′34″ referenced to North American Datum of 1983, Jefferson County, TX, Hydrologic Unit 12040201, on right bank at downstream side of bridge on county road, 0.7 mi south of LaBelle, 6.0 mi upstream from Hillebrandt Bayou, 7.2 mi upstream from State Highway 73 and 11.2 mi upstream from saltwater gates and barge locks. Distances are measured along rectified channel.

DRAINAGE AREA.--262 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Apr. 1954 to Sept. 1984 (daily mean and peak discharge for storms of 1.0 inch or more runoff, except for period Sept. 10-22, 1961), Oct. 1984 to Sept. 2006 (daily maximum gage heights only) (discontinued).

REVISED RECORDS.--WSP 1922: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 4.63 ft below NGVD of 1929, originally determined by several comparisons of water surface with auxiliary water-stage recorder 7.2 mi downstream during times of no flow and ideal weather conditions. Prior to Oct. 1984, auxiliary water-stage recorder 7.2 mi downstream. Satellite telemeter at station.

REMARKS.--Records good. No maximum stage available for September 24, 2005 (Hurricane Rita). Prior to Oct. 1984, records were computed using fall as a factor. Low flow is regulated by drainage from rice fields and operation of saltwater gates and barge locks. An unknown amount of water is diverted above and below gage for irrigation of rice fields.

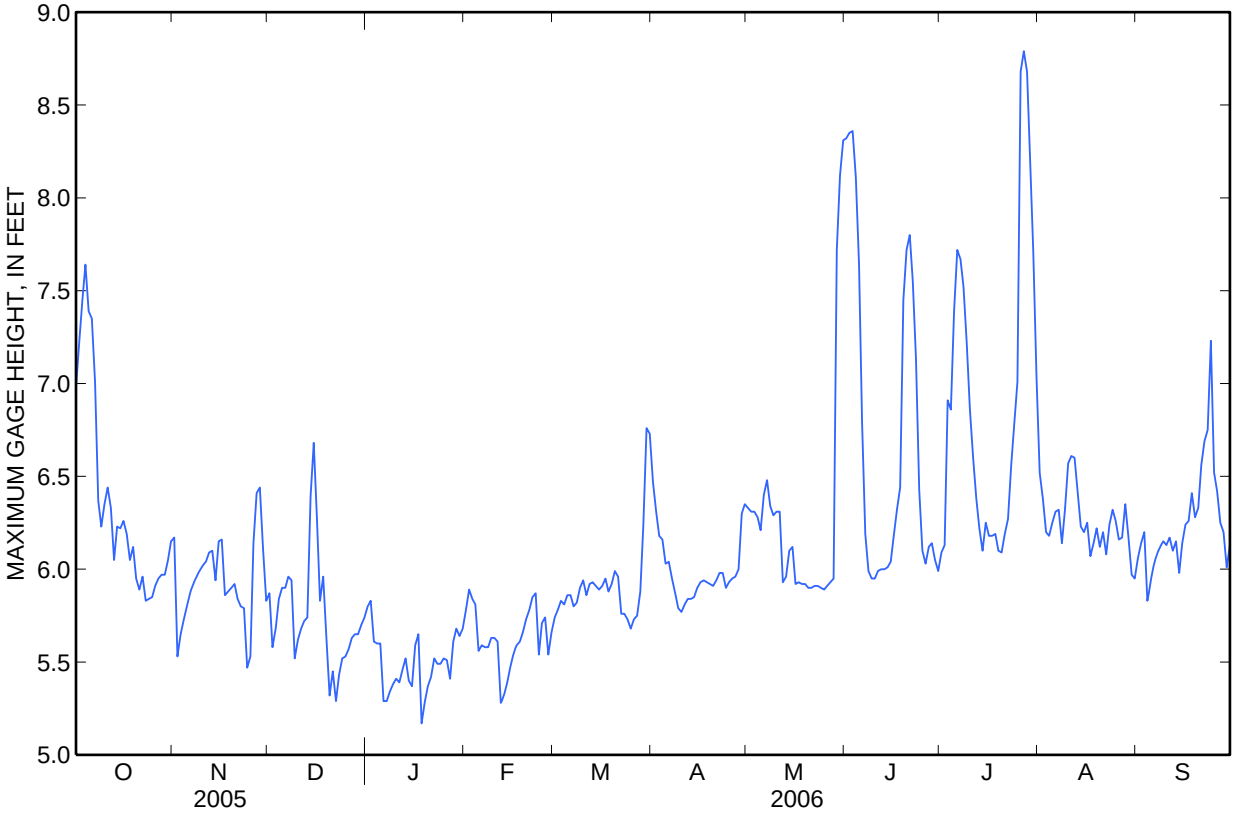
EXTREMES FOR PERIOD OF RECORD.--Maximum discharges, 9,590 ft^3/s, Sept. 22, 1963, and Apr. 23, 1979; maximum gage height, 11.78 ft, Sept. 20, 1963 (backwater from Hillebrandt Bayou); minimum discharge not determined (affected by tides and pumping); minimum gage height, 2.31 ft July 17, 1954. Flood of Sept. 13, 1961 (Hurricane Carla), reached a stage of 11.51 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in 1941 reached a stage of 11.3 ft, from information by U.S. Army Corps of Engineers.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 8.79 ft, July 27; minimum gage height, 4.86 ft, Dec. 19.

08042000 Taylor Bayou near LaBelle, TX—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MAXIMUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.98	6.17	5.87	5.80	5.78	5.74	6.47	6.33	8.32	6.09	6.52	6.06
2	7.22	5.53	5.58	5.83	5.89	5.78	6.31	6.31	8.35	6.13	6.38	6.14
3	7.45	5.65	5.68	5.61	5.84	5.83	6.18	6.31	8.36	6.91	6.20	6.20
4	7.64	5.73	5.84	5.60	5.81	5.81	6.16	6.28	8.11	6.86	6.18	5.83
5	7.39	5.80	5.90	5.60	5.56	5.86	6.03	6.21	7.64	7.39	6.25	5.93
6	7.35	5.87	5.90	5.29	5.59	5.86	6.04	6.40	6.79	7.72	6.31	6.02
7	7.01	5.92	5.96	5.29	5.58	5.80	5.95	6.48	6.19	7.67	6.32	6.08
8	6.37	5.96	5.94	5.34	5.58	5.82	5.87	6.34	5.99	7.52	6.14	6.12
9	6.23	5.99	5.52	5.38	5.63	5.90	5.79	6.29	5.95	7.22	6.32	6.15
10	6.35	6.02	5.62	5.41	5.63	5.94	5.77	6.31	5.95	6.86	6.57	6.13
11	6.44	6.04	5.68	5.39	5.61	5.86	5.81	6.31	5.99	6.60	6.61	6.17
12	6.33	6.09	5.72	5.46	5.28	5.92	5.84	5.93	6.00	6.38	6.60	6.10
13	6.05	6.10	5.74	5.52	5.32	5.93	5.84	5.96	6.00	6.22	6.41	6.15
14	6.23	5.94	6.39	5.40	5.39	5.91	5.85	6.10	6.01	6.10	6.23	5.98
15	6.22	6.15	6.68	5.37	5.47	5.89	5.90	6.12	6.04	6.25	6.20	6.14
16	6.26	6.16	6.27	5.59	5.54	5.91	5.93	5.92	6.18	6.18	6.25	6.24
17	6.19	5.86	5.83	5.65	5.59	5.95	5.94	5.93	6.32	6.18	6.07	6.26
18	6.05	5.88	5.96	5.17	5.61	5.88	5.93	5.92	6.44	6.19	6.14	6.41
19	6.12	5.90	5.63	5.28	5.66	5.92	5.92	5.92	7.45	6.10	6.22	6.28
20	5.95	5.92	5.32	5.37	5.73	5.99	5.91	5.90	7.72	6.09	6.12	6.33
21	5.89	5.84	5.45	5.42	5.78	5.96	5.94	5.90	7.80	6.19	6.20	6.56
22	5.96	5.80	5.29	5.52	5.85	5.76	5.98	5.91	7.55	6.27	6.08	6.69
23	5.83	5.79	5.43	5.49	5.87	5.76	5.98	5.91	7.13	6.56	6.24	6.75
24	5.84	5.47	5.52	5.49	5.54	5.73	5.90	5.90	6.43	6.78	6.32	7.23
25	5.85	5.53	5.53	5.52	5.71	5.68	5.93	5.89	6.10	7.01	6.26	6.52
26	5.91	6.14	5.57	5.51	5.74	5.73	5.95	5.91	6.03	8.68	6.16	6.42
27	5.95	6.41	5.63	5.41	5.54	5.75	5.96	5.93	6.12	8.79	6.17	6.25
28	5.97	6.44	5.65	5.61	5.66	5.88	6.00	5.95	6.14	8.68	6.35	6.20
29	5.97	6.11	5.65	5.68	---	6.24	6.30	7.72	6.05	8.21	6.17	6.01
30	6.05	5.83	5.70	5.64	---	6.76	6.35	8.12	5.99	7.71	5.97	6.13
31	6.15	---	5.74	5.68	---	6.73	---	8.31	---	7.04	5.95	---
Max	7.64	6.44	6.68	5.83	5.89	6.76	6.47	8.31	8.36	8.79	6.61	7.23

08042000 Taylor Bayou near LaBelle, TX—Continued