

Water-Data Report 2007

**08012470 Bayou Lacassine near Lake Arthur, LA**

Calcasieu-Mermentau Basin  
Mermentau Subbasin

LOCATION.--Lat 30°04'12.0", long 92°52'43.9" referenced to North American Datum of 1983, in SE ¼ SE ¼ sec.21, T.11 S., R.5 W., Jefferson Davis Parish, LA, Hydrologic Unit 08080202, at bridge on State Highway 14, 12.9 mi west of town of Lake Arthur, and 16.8 mi upstream from intracoastal waterway.

DRAINAGE AREA.--299.00 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1969 to September 1974 (annual peaks), October 1985 to September 2005 (discharge), October 1974 to current year.

GAGE.--Water-stage recorder. Datum of gage is 7.00 ft below NGVD 1929 (levels by LADOTD, Office of Highways); prior to October 1, 1974, nonrecording gage at same site at datum 0.85 ft lower.

REMARKS.--Records fair. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 12.72 ft, May 19, 1980; minimum gage height, 6.99 ft, Sep 23, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 10.25 ft, Oct. 30, 31; minimum gage height, 7.74 ft, Dec. 8.

## 08012470 Bayou Lacassine near Lake Arthur, LA—Continued

**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.38	10.15	8.14	9.54	9.73	8.53	---	8.55	---	8.72	9.03	8.79
2	8.36	9.96	8.22	9.47	9.69	8.41	---	8.56	---	8.73	9.04	8.83
3	8.35	9.89	7.96	9.41	9.64	8.28	---	8.53	---	8.81	9.07	8.81
4	8.35	9.87	7.87	9.62	9.59	8.06	---	8.60	8.70	8.89	9.07	8.77
5	8.29	9.86	8.11	9.91	9.49	8.19	---	---	8.77	9.04	9.04	8.76
6	8.23	9.82	8.16	10.10	9.46	8.20	---	---	8.84	9.34	8.99	8.77
7	8.22	9.74	7.99	10.14	9.38	8.18	---	8.57	8.99	9.53	8.92	8.77
8	8.26	9.70	7.87	10.04	9.27	8.17	---	8.59	9.00	9.56	8.81	8.83
9	8.26	9.69	8.05	9.94	9.10	---	---	8.42	8.85	9.51	8.69	8.94
10	8.31	9.67	8.13	9.90	8.92	---	---	8.38	8.76	9.44	8.58	8.94
11	8.19	9.43	8.20	9.96	8.92	8.22	---	8.35	8.72	9.30	8.52	8.96
12	8.26	9.41	8.20	9.86	9.03	8.35	---	8.25	8.66	9.16	8.48	9.02
13	8.10	9.38	8.15	9.81	8.90	8.30	---	8.26	8.59	9.06	8.45	9.52
14	8.24	9.37	8.19	9.78	8.57	8.36	---	8.25	8.60	9.03	8.48	9.83
15	8.46	9.16	8.18	9.59	8.52	8.43	8.61	8.32	8.73	9.09	8.54	9.92
16	9.00	8.90	8.23	9.22	8.51	---	8.63	8.32	8.88	9.10	8.64	9.87
17	9.25	8.99	8.25	9.24	8.47	---	8.65	---	8.91	9.18	8.74	9.80
18	9.45	8.95	---	9.28	8.41	---	8.52	8.17	8.98	9.18	8.82	9.74
19	9.64	8.78	---	9.25	8.56	---	---	8.20	8.99	9.16	8.83	9.67
20	9.68	8.67	---	9.35	8.53	---	8.49	8.22	9.01	9.10	8.90	9.52
21	9.79	8.60	---	9.59	8.50	---	8.56	8.35	8.92	9.04	8.89	9.38
22	9.81	8.56	---	9.70	8.46	---	8.67	8.29	8.82	8.93	8.88	9.27
23	9.82	8.52	---	9.70	---	---	8.69	8.32	8.74	8.82	8.88	9.28
24	9.79	8.46	---	9.69	---	---	8.73	8.38	8.76	8.76	8.86	9.35
25	9.79	8.45	---	9.65	---	---	8.79	---	8.83	8.76	8.82	9.40
26	9.79	8.51	8.49	9.64	8.54	---	8.63	---	8.87	8.81	8.78	9.41
27	9.86	8.58	8.63	9.67	8.49	---	8.59	---	8.87	8.92	8.81	9.38
28	9.91	8.60	8.74	9.74	8.60	---	8.55	---	8.80	9.10	8.82	9.33
29	10.13	8.66	8.99	9.85	---	---	8.53	---	8.78	9.20	8.84	9.30
30	10.22	8.52	9.35	9.85	---	---	8.51	---	8.74	9.18	8.81	9.32
31	10.21	---	9.50	9.77	---	---	---	---	---	9.10	8.75	---
<b>Max</b>	10.22	10.15	---	10.14	---	---	---	---	---	9.56	9.07	9.92
<b>Min</b>	8.10	8.45	---	9.22	---	---	---	---	---	8.72	8.45	8.76