

07373278 LAKE ST. JOHN NEAR WATERPROOF, LA

LOCATION.--Lat 31°42'01", long 91°27'31", in sec. 47, T.8 N., R.10 E., Concordia Parish, Hydrologic Unit 08040306, approximately 7.5 miles northeast of Ferriday on State Highway 568, approximately 200 yards east of intersection with State Highway 569.

DRAINAGE AREA.--14.8 mi².

PERIOD OF RECORD.--January 1967 to September 1986, elevations only. March 2002 to current year, gage heights only.

GAGE.--Water-stage recorder. Datum of gage is undetermined. Prior to September 30, 1986, water-stage recorder at site 0.25 mi. north of present location at NGVD of 1929. Prior to May 19, 1981, water-stage recorder at site 8.5 mi. southwest of Waterproof at NGVD of 1929 and prior to Oct. 1, 1976, at datum of 50.00 ft. higher.

REMARKS.--Lake is formed from an oxbow lake by four control structures; two are on Buckner Bayou. Buckner Bayou floodgate consists of two 4.0 ft. pipes with stoplogs which raise elevation. Adjacent to the floodgate is Buckner Bayou weir, which is 30 ft. in length. Lake St. John Control Structure is on lateral canal 2-A near southern end of Lake St. John on west side of lake. This structure consists of two 8.5 by 3.5 ft. timber gates. Little Tensas Bayou Control Structure is located at northeast end of Lake St. John and consists of a 5.0 ft. pipe with a flap valve. Lake is used for flood control and conservation. Satellite telemetry, telephony, and rain gauge at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 58.17 ft, NGVD of 1929, May 13, 1973; minimum observed, 50.25 ft, NGVD of 1929, Nov. 17, 1982.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 13.70 ft, Feb. 10, 14; minimum gage height, 11.12 ft, Sept. 23.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.36	12.61	13.25	12.64	13.06	13.16	13.11	12.66	12.62	12.66	12.09	11.69
2	12.35	12.73	13.14	12.64	13.23	13.13	13.08	12.65	12.61	12.65	12.07	11.66
3	12.35	12.86	13.04	12.65	13.29	13.13	13.05	12.63	12.59	12.64	12.05	11.64
4	12.34	12.88	12.95	12.65	13.29	13.11	13.02	12.61	12.58	12.61	12.03	11.61
5	12.33	12.86	12.89	12.65	13.27	13.09	12.99	12.60	12.59	12.61	12.00	11.58
6	12.30	12.84	12.91	12.67	13.25	13.07	13.06	12.58	13.05	12.60	11.98	11.56
7	12.28	12.81	13.09	12.71	13.23	13.08	13.12	12.57	13.20	12.57	11.96	11.53
8	12.33	12.80	13.13	12.86	13.25	13.10	13.12	12.55	13.28	12.55	11.93	11.51
9	12.38	12.78	13.31	12.87	13.51	13.09	13.10	12.55	13.47	12.53	11.91	11.48
10	12.61	12.75	13.35	12.87	13.63	13.06	13.07	12.54	13.47	12.52	11.90	11.46
11	12.78	12.73	13.30	12.88	13.61	13.03	13.06	12.54	13.44	12.47	11.90	11.44
12	12.80	12.72	13.23	12.88	13.57	12.99	13.08	12.53	13.38	12.45	11.88	11.41
13	12.79	12.69	13.15	13.06	13.58	12.98	13.05	12.52	13.32	12.43	11.86	11.39
14	12.77	12.67	13.04	13.19	13.70	12.97	13.02	12.52	13.26	12.41	11.84	11.37
15	12.75	12.66	12.93	13.17	13.67	12.97	12.98	12.58	13.20	12.40	11.82	11.37
16	12.73	12.65	12.84	13.16	13.63	13.01	12.95	12.56	13.14	12.39	11.82	11.35
17	12.71	12.64	12.75	13.11	13.59	12.99	12.92	12.54	13.10	12.39	11.79	11.37
18	12.70	12.65	12.66	13.07	13.52	12.97	12.90	12.52	13.11	12.42	11.77	11.37
19	12.70	12.70	12.58	13.04	13.47	12.94	12.87	12.50	13.07	12.39	11.74	11.35
20	12.69	12.74	12.56	13.02	13.42	12.95	12.85	12.49	13.02	12.38	11.72	11.33
21	12.67	12.88	12.56	13.00	13.37	12.95	12.84	12.53	12.98	12.36	11.70	11.32
22	12.66	12.93	12.62	13.03	13.34	13.02	12.82	12.51	12.94	12.34	11.67	11.30
23	12.65	13.03	12.69	13.00	13.34	13.08	12.79	12.50	12.90	12.33	11.64	11.27
24	12.66	13.51	12.68	12.93	13.39	13.08	12.76	12.48	12.87	12.30	11.62	11.39
25	12.70	13.61	12.64	12.91	13.33	13.06	12.74	12.50	12.83	12.28	11.60	11.73
26	12.69	13.55	12.63	12.90	13.29	13.07	12.76	12.48	12.80	12.25	11.58	11.78
27	12.68	13.54	12.63	12.90	13.24	13.16	12.76	12.46	12.77	12.22	11.56	11.77
28	12.66	13.50	12.63	12.90	13.20	13.15	12.74	12.44	12.74	12.20	11.53	11.76
29	12.65	13.41	12.63	12.90	---	13.12	12.72	12.51	12.72	12.17	11.66	11.75
30	12.63	13.33	12.63	12.90	---	13.10	12.69	12.61	12.69	12.14	11.72	11.71
31	12.62	---	12.63	12.94	---	13.08	---	12.63	---	12.12	11.71	---
MAX	12.80	13.61	13.35	13.19	13.70	13.16	13.12	12.66	13.47	12.66	12.09	11.78
MIN	12.28	12.61	12.56	12.64	13.06	12.94	12.69	12.44	12.58	12.12	11.53	11.27