

02291200 LAKE TRAFFORD NEAR IMMOKALEE, FL

LOCATION.--Lat 26°26'08", long 81°29'25", in NW ¼ sec.35, T.46 S., R.28 E., Collier County, Hydrologic Unit 03090204, at county boat ramp dock, on north side of lake and 4.2 mi west of Immokalee.

SURFACE AREA.--1,485 acres.

DRAINAGE AREA.--27 mi², approximately.

PERIOD OF RECORD.--March 1941 to current year. Records of elevations prior to October 1960 are available in files of the U.S. Geological Survey.

GAGE.--Electronic data logger. Datum of gage is National Geodetic Vertical Datum of 1929. Prior to October 6, 1960, gage was located at sites in the immediate vicinity at same datum. May 15, 1962, to September 30, 1962, auxiliary nonrecording gage in canal at county boat landing, 0.3 mi southeast. October 1, 1962, to November 25, 1968, nonrecording gage at same site and datum. Gage relocated March 30, 1988, because of excessive aquatic growth in ditch causing erroneous record at low stage.

REMARKS.--Lake is landlocked except above an elevation of about 21 ft, when there is overflow to the south into Corkscrew Swamp.

EXTREME STAGES FOR PERIOD OF RECORD.--Maximum elevation, 22.79 ft Sept. 23, 1947; minimum, 15.90 ft estimated, June 6-10, 1962.

EXTREME STAGES FOR CURRENT YEAR.--Maximum elevation, 21.66 ft Oct. 1; minimum, 18.45 ft July 19.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.65	20.76	20.43	20.34	20.39	20.40	19.92	19.49	18.81	18.82	18.91	20.65
2	21.64	20.73	20.41	20.34	20.39	20.39	19.89	19.47	18.79	18.80	19.00	20.68
3	21.61	20.80	20.40	20.33	20.39	20.38	19.87	19.48	18.77	18.81	19.07	20.67
4	21.58	20.81	20.39	20.33	20.38	20.38	19.85	19.49	18.78	18.80	19.11	20.67
5	21.55	20.82	20.39	20.32	20.38	20.37	19.83	19.46	18.80	18.79	19.15	20.79
6	21.51	20.84	20.38	20.31	20.39	20.37	19.81	19.44	18.79	18.80	19.28	20.82
7	21.47	20.85	20.37	20.27	20.37	20.36	19.79	19.41	18.77	18.78	19.32	20.84
8	21.43	20.85	20.36	20.26	20.34	20.33	19.78	19.39	18.78	18.76	19.38	20.91
9	21.38	20.84	20.35	20.26	20.34	20.31	19.77	19.36	18.76	18.76	19.41	20.98
10	21.35	20.81	20.36	20.24	20.34	20.28	19.76	19.34	18.76	18.74	19.43	20.99
11	21.31	20.80	20.36	20.21	20.33	20.26	19.75	19.32	18.76	18.72	19.46	20.98
12	21.28	20.78	20.35	20.21	20.33	20.25	19.77	19.30	18.77	18.71	19.54	20.97
13	21.25	20.76	20.34	20.20	20.32	20.23	19.82	19.27	18.78	18.69	19.66	20.96
14	21.22	20.73	20.38	20.19	20.32	20.21	19.80	19.24	18.78	18.68	19.78	20.94
15	21.17	20.71	20.39	20.19	20.34	20.21	19.77	19.22	18.84	18.65	19.85	20.93
16	21.12	20.69	20.40	20.18	20.32	20.21	19.75	19.20	18.92	18.62	19.91	20.92
17	21.09	20.68	20.47	20.17	20.31	20.20	19.73	19.18	18.89	18.60	19.95	20.89
18	21.05	20.66	20.47	20.24	20.28	20.18	19.71	19.15	18.87	18.59	20.02	20.87
19	21.02	20.65	20.46	20.32	20.27	20.16	19.69	19.14	18.86	18.62	20.08	20.84
20	20.99	20.63	20.44	20.31	20.27	20.14	19.68	19.11	18.84	18.68	20.13	20.80
21	20.98	20.61	20.42	20.30	20.27	20.13	19.66	19.09	18.82	18.71	20.16	20.82
22	20.95	20.60	20.42	20.29	20.26	20.10	19.65	19.07	18.80	18.71	20.22	20.89
23	20.92	20.59	20.42	20.27	20.25	20.06	19.63	19.04	18.77	18.70	20.31	20.86
24	20.89	20.57	20.42	20.26	20.25	20.04	19.62	19.01	18.74	18.68	20.38	20.83
25	20.86	20.57	20.41	20.26	20.30	20.02	19.61	18.99	18.76	18.67	20.50	20.80
26	20.85	20.55	20.39	20.26	20.43	20.01	19.59	18.98	18.82	18.67	20.54	20.87
27	20.83	20.54	20.38	20.27	20.41	19.99	19.57	18.96	18.81	18.71	20.57	20.83
28	20.82	20.53	20.38	20.26	20.39	19.98	19.53	18.93	18.79	18.82	20.59	20.80
29	20.84	20.47	20.37	20.24	20.39	19.97	19.51	18.90	18.78	18.85	20.60	20.78
30	20.81	20.44	20.37	20.26	---	19.96	19.51	18.87	18.80	18.85	20.62	20.79
31	20.79	---	20.36	20.35	---	19.95	---	18.84	---	18.86	20.62	---
TOTAL	656.21	620.67	632.24	628.24	589.75	625.83	591.62	595.14	564.01	580.65	615.55	625.37
MEAN	21.17	20.69	20.39	20.27	20.34	20.19	19.72	19.20	18.80	18.73	19.86	20.85
MAX	21.65	20.85	20.47	20.35	20.43	20.40	19.92	19.49	18.92	18.86	20.62	20.99
MIN	20.79	20.44	20.34	20.17	20.25	19.95	19.51	18.84	18.74	18.59	18.91	20.65