

Water-Data Report 2009

02266900 LAKE PIERCE NEAR WAVERLY, FL

Kissimmee Basin
Kissimmee Subbasin

LOCATION.--Lat 27°58'37", long 81°32'33" referenced to North American Datum of 1927, in NW ¼ sec.8, T.29 S., R.28 E., Polk County, FL, Hydrologic Unit 03090101, on west shore of lake, at public boat landing, 4.5 mi east of Waverly, and 5.5 mi northeast of town of Lake Wales.

DRAINAGE AREA.--58.9 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--December 1947 to September 1971; October 1971 to July 2005 (fragmentary), August 2005 to current year. Prior to August 1959, records also for Catfish Creek near Lake Wales (station 02267000).

GAGE.--Water-stage recorder and data-collection platform. Datum of gage is at NGVD of 1929 (U.S. Army Corps of Engineers bench mark). Prior to Aug. 20, 1959, water-stage recorder on left bank of Catfish Creek 0.2 mi downstream from lake. Aug. 20, 1959 to Sept. 30, 1971, water-stage recorder, and Oct. 1, 1971 to July 13, 1981, nonrecording gage at present site at datum 72.13 ft higher, and July 13, 1981 to July 29, 2005, nonrecording gage at same site and datum.

REMARKS.--Surface area 3,736 acres (5.84 mi²). Outflow from lake is through Catfish Creek to Lake Hatchineha, one of the Kissimmee River headwater lakes. Extreme elevations for period of record were corrected by levels of Dec. 6, 2005.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 79.12 ft Sept. 28, 2004; minimum observed, 74.67 ft, June 22, 2000.

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LAKE OR RESERVOIR WATER SURFACE ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	76.38	76.10	75.84	75.75	75.64	75.43	75.23	74.97	75.48	75.69	75.89	76.09
2	76.37	76.09	75.83	75.74	75.65	75.42	75.21	74.96	75.47	75.72	75.88	76.18
3	76.36	76.09	75.82	75.74	75.65	75.42	75.19	---	75.47	75.72	75.88	76.20
4	76.34	76.08	75.82	75.74	75.63	75.41	75.19	---	75.51	75.73	75.90	76.22
5	76.32	76.07	75.81	75.73	75.62	75.41	75.18	---	75.55	75.72	75.93	76.27
6	76.32	76.06	75.80	75.73	75.61	75.40	75.15	---	75.55	75.71	75.93	76.29
7	76.34	76.06	75.80	75.72	75.61	75.40	75.11	---	75.55	75.70	75.93	76.29
8	76.36	76.05	75.80	75.71	75.60	75.40	75.11	---	75.55	75.72	75.92	76.29
9	76.37	76.04	75.79	75.70	75.61	75.39	75.10	---	75.54	75.73	75.90	76.29
10	76.41	76.03	75.79	75.69	75.60	75.39	75.10	---	75.54	75.73	75.89	76.28
11	76.41	76.01	75.83	75.68	75.60	75.38	75.08	---	75.52	75.75	75.87	76.26
12	76.40	76.02	75.85	75.68	75.60	75.38	75.09	---	75.51	75.80	75.85	76.28
13	76.39	76.05	75.85	75.67	75.60	75.37	75.09	---	75.49	75.79	75.85	76.31
14	76.38	76.04	75.85	75.68	75.59	75.36	75.10	---	75.47	75.80	75.85	76.36
15	76.36	76.03	75.85	75.67	75.59	75.36	75.13	---	75.46	75.80	75.86	76.36
16	76.34	76.00	75.85	75.65	75.59	75.35	75.13	---	75.47	75.79	75.87	76.35
17	76.31	75.98	75.85	75.64	75.58	75.36	75.13	---	75.49	75.77	75.85	76.33
18	76.29	75.96	75.85	75.63	75.56	75.37	75.11	---	75.49	75.76	75.84	76.32
19	76.26	75.95	75.84	75.62	75.55	75.36	75.09	74.93	75.51	75.77	75.83	76.30
20	76.23	75.94	75.84	75.60	75.55	75.36	75.08	75.06	75.50	75.82	75.84	76.29
21	76.21	75.93	75.83	75.60	75.54	75.36	75.07	75.12	75.48	75.83	75.85	76.28
22	76.20	75.92	75.82	75.60	75.53	75.37	75.05	75.19	75.45	75.82	75.85	76.26
23	76.19	75.90	75.80	75.59	75.53	75.35	75.05	75.26	75.50	75.80	75.86	76.26
24	76.21	75.90	75.79	75.58	75.52	75.35	75.04	75.30	75.58	75.79	75.89	76.26
25	76.22	75.88	75.79	75.58	75.50	75.35	75.03	75.37	75.57	75.80	75.91	76.26
26	76.21	75.88	75.80	75.56	75.48	75.34	75.01	75.38	75.60	75.86	75.91	76.27
27	76.19	75.87	75.80	75.57	75.47	75.31	74.99	75.42	75.60	75.88	75.90	76.33
28	76.15	75.87	75.79	75.58	75.47	75.28	74.98	75.47	75.59	75.87	75.88	76.32
29	76.11	75.85	75.78	75.58	---	75.24	74.98	75.50	75.59	75.88	75.87	76.30
30	76.10	75.84	75.77	75.64	---	75.23	74.98	75.49	75.63	75.89	75.87	76.28
31	76.10	---	75.75	75.65	---	75.23	---	75.49	---	75.90	75.89	---
Mean	76.28	75.98	75.82	75.65	75.57	75.36	75.09	---	75.52	75.79	75.88	76.28
Max	76.41	76.10	75.85	75.75	75.65	75.43	75.23	---	75.63	75.90	75.93	76.36
Min	76.10	75.84	75.75	75.56	75.47	75.23	74.98	---	75.45	75.69	75.83	76.09

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