

Water-Data Report 2012

02260800 ALLIGATOR LAKE NEAR ASHTON, FL

Kissimmee Basin
Kissimmee Subbasin

LOCATION.--Lat 28°13'53", long 81°11'20" referenced to North American Datum of 1927, in SW ¼ sec.11, T.26 S., R.31 E., Osceola County, FL, Hydrologic Unit 03090101, on northeast shore of lake, at Alligator Lakeside Inn Fish Camp, 0.1 mi south of U.S. Highway 192, and 3.6 mi east of Ashton.

DRAINAGE AREA.--26.6 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--November 1941 to current year.

GAGE.--Water-stage recorder and data-collection platform. Datum of gage is at NGVD of 1929. Prior to Feb. 19, 1975, nonrecording gage at several sites at datum 60.74 ft higher. Feb. 19, 1975 to May 5, 1989, nonrecording gage at several sites on the north side of lake at present datum. May 6, 1989 to Apr. 24, 1997, nonrecording gage at present site and datum.

REMARKS.--Surface area 3,401 acres (5.31 mi²). Lake is one of the Kissimmee River headwaters chain of lakes. Subsequent to 1962, the improvement of canals and natural drains between these lakes and the construction of dams with gated controls has resulted in the partial regulation of lake elevations.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 66.81 ft, Sept. 25, 1960; minimum observed, 58.31 ft, May 31, 2001.

EXTREMES OUTSIDE PERIOD OF RECORD.--An elevation of 67.7 ft was reached in June 1934, from information by local resident.

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LAKE OR RESERVOIR WATER SURFACE ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	64.22	64.18	64.16	63.95	63.88	63.49	62.70	62.21	63.35	63.28	63.47
2	---	64.25	64.18	64.16	63.94	63.87	63.47	62.68	62.26	63.35	63.28	63.46
3	---	64.28	64.17	64.12	63.93	63.87	63.44	62.66	62.27	63.34	63.31	63.43
4	---	64.29	64.17	64.11	63.92	63.85	63.41	62.65	62.27	63.33	63.37	63.40
5	---	64.27	64.17	64.12	63.92	63.82	63.38	62.63	62.27	63.31	63.36	63.40
6	---	64.26	64.17	64.12	63.93	63.80	63.34	62.62	62.26	63.28	63.37	63.40
7	---	64.25	64.18	64.12	63.94	63.78	63.29	62.60	62.29	63.24	63.36	63.38
8	---	64.25	64.15	64.11	63.94	63.78	63.26	62.59	62.38	63.21	63.35	63.55
9	---	64.24	64.14	64.10	63.92	63.80	63.23	62.62	62.50	63.20	63.32	63.40
10	---	64.23	64.14	64.10	63.92	63.87	63.20	62.62	62.65	63.22	63.32	63.30
11	---	64.22	64.14	64.11	63.94	63.90	63.17	62.58	62.75	63.25	63.30	63.36
12	---	64.22	64.17	64.11	63.91	63.93	63.13	62.52	62.81	63.30	63.28	63.41
13	---	64.23	64.20	64.10	63.89	63.92	63.09	62.45	62.86	63.32	63.27	63.44
14	---	64.24	64.20	64.08	63.89	63.90	63.06	62.41	62.90	63.32	63.32	63.44
15	---	64.26	64.20	64.07	63.89	63.88	63.04	62.41	62.99	63.32	63.36	63.44
16	---	64.28	64.20	64.06	63.88	63.86	63.01	62.45	63.00	63.36	63.30	63.43
17	---	64.27	64.20	64.05	63.88	63.84	62.99	62.54	63.01	63.42	63.28	63.42
18	---	64.24	64.19	64.05	63.89	63.81	62.97	62.51	63.02	63.44	63.38	63.45
19	---	64.23	64.18	64.04	63.90	63.79	62.94	62.47	63.01	63.42	63.46	63.49
20	---	64.22	64.18	64.03	63.86	63.77	62.93	62.43	63.04	63.44	63.48	63.49
21	---	64.23	64.18	64.03	63.85	63.75	62.90	62.39	63.10	63.45	63.49	63.48
22	64.31	64.24	64.17	64.03	63.86	63.73	62.91	62.35	63.12	63.45	63.50	63.50
23	64.21	64.24	64.17	64.02	63.91	63.72	62.87	62.31	63.14	63.50	63.42	63.41
24	64.11	64.22	64.17	64.02	63.91	63.71	62.83	62.26	63.22	63.53	63.23	63.33
25	64.05	64.22	64.16	64.01	63.89	63.72	62.81	62.22	63.46	63.53	63.02	63.28
26	64.03	64.21	64.15	64.01	63.87	63.69	62.79	62.19	63.44	63.47	62.88	63.27
27	64.05	64.20	64.18	64.01	63.87	63.65	62.78	62.16	63.30	63.42	63.14	63.25
28	64.06	64.21	64.18	63.99	63.87	63.62	62.76	62.22	63.19	63.36	63.16	63.25
29	64.10	64.21	64.17	63.98	63.87	63.59	62.74	62.26	63.23	63.30	63.20	63.25
30	64.10	64.20	64.17	63.96	---	63.56	62.73	62.14	63.30	63.26	63.32	63.23
31	64.16	---	64.17	63.95	---	63.53	---	62.11	---	63.28	63.42	---
Mean	---	64.24	64.17	64.06	63.90	63.78	63.07	62.44	62.84	63.35	63.31	63.39
Max	---	64.29	64.20	64.16	63.95	63.93	63.49	62.70	63.46	63.53	63.50	63.55
Min	---	64.20	64.14	63.95	63.85	63.53	62.73	62.11	62.21	63.20	62.88	63.23

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