02269600 LAKE ARBUCKLE NEAR AVON PARK, FL

Kissimmee Basin
Kissimmee Subbasin

LOCATION.--Lat 27°39′55″, long 81°22′38″ referenced to North American Datum of 1927, in SW ¼ sec.25, T.32 S., R.29 E., Polk County, FL, Hydrologic Unit 03090101, at downstream side of CR64 bridge at the south shore of the lake, 9.5 mi northeast of Avon Park.

DRAINAGE AREA.--170 mi^2.

SURFACE-WATER RECORDS

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

GAGE.--Water-stage recorder and data-collection platform. Datum of gage is at NGVD of 1929. June 27, 1945, to Nov. 15, 1950, May 9, 1956, to June 15, 1962, and May 11, 1967, to Dec. 11, 1975, nonrecording gage at site 500 ft northwest near head of Arbuckle Creek at datum 51.53 ft higher.

REMARKS.--Surface area 3,787 acres (5.92 mi^2). Lake is the most downstream of the Arbuckle Creek headwater lakes.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily elevation, 58.3 ft, Sept. 24, 1948, from floodmark; minimum daily, 51.15 ft, June 10, 1985.

EXTREMES OUTSIDE PERIOD OF RECORD.--An elevation of 58.7 ft, was reached in 1926 and 1928, from information by local residents.

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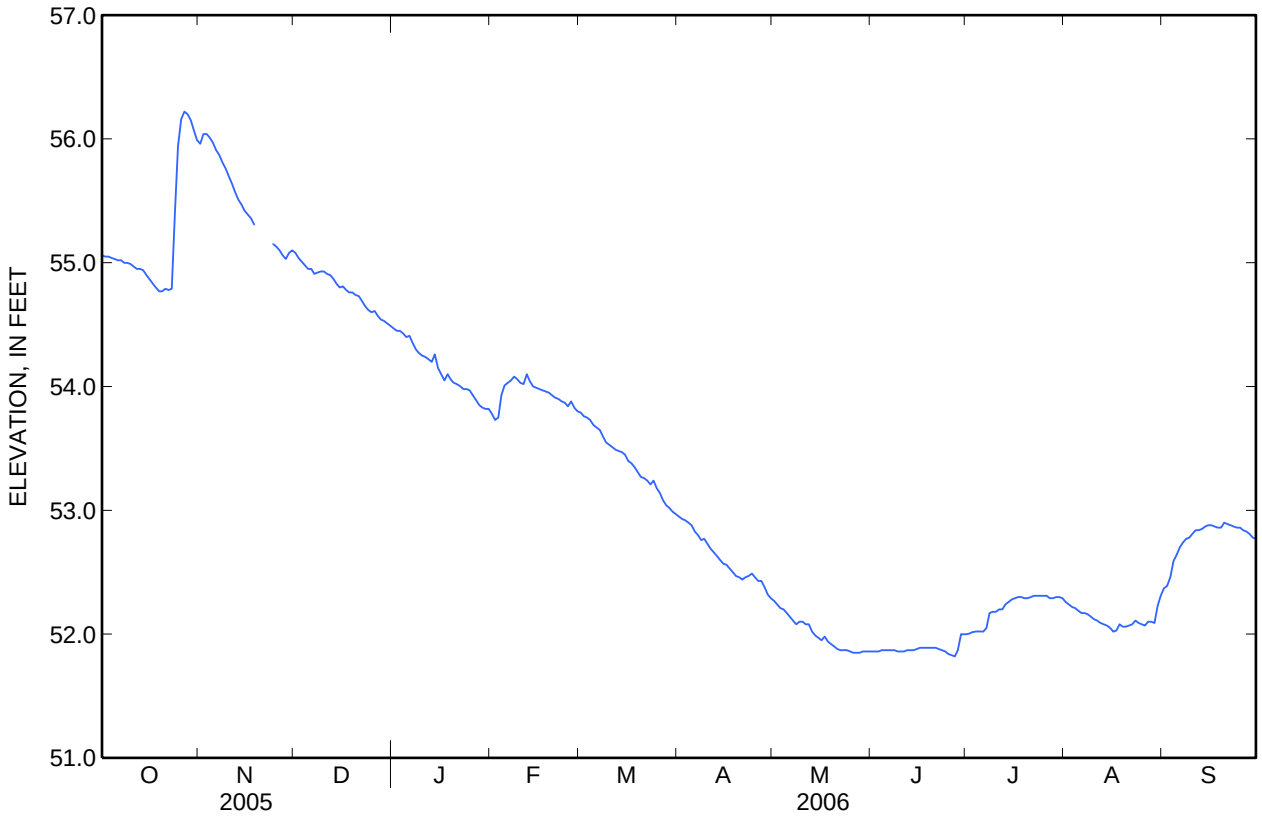
ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	55.06	55.96	55.08	54.47	53.78	53.79	52.95	52.27	51.86	52.00	52.26	52.37
2	55.05	56.04	55.04	54.45	53.73	53.76	52.93	52.24	51.86	52.01	52.24	52.39
3	55.05	56.04	55.01	54.45	53.75	53.75	52.92	52.21	51.86	52.02	52.22	52.46
4	55.04	56.01	54.98	54.43	53.93	53.73	52.90	52.20	51.87	52.02	52.21	52.59
5	55.03	55.97	54.95	54.40	54.01	53.69	52.88	52.17	51.87	52.02	52.19	52.64
6	55.02	55.91	54.95	54.41	54.03	53.67	52.83	52.14	51.87	52.02	52.17	52.70
7	55.02	55.87	54.91	54.35	54.05	53.65	52.80	52.11	51.87	52.05	52.17	52.74
8	55.00	55.81	54.92	54.30	54.08	53.60	52.76	52.08	51.87	52.17	52.16	52.77
9	55.00	55.76	54.93	54.27	54.06	53.55	52.77	52.10	51.86	52.18	52.14	52.78
10	54.99	55.70	54.93	54.25	54.03	53.53	52.73	52.10	51.86	52.18	52.12	52.81
11	54.97	55.64	54.91	54.24	54.02	53.51	52.69	52.08	51.86	52.20	52.11	52.84
12	54.95	55.57	54.90	54.22	54.10	53.49	52.66	52.08	51.87	52.20	52.09	52.84
13	54.95	55.51	54.87	54.20	54.04	53.48	52.63	52.02	51.87	52.24	52.08	52.85
14	54.94	55.47	54.83	54.26	54.00	53.47	52.60	51.99	51.87	52.26	52.07	52.87
15	54.90	55.42	54.80	54.15	53.99	53.45	52.57	51.97	51.88	52.28	52.05	52.88
16	54.87	55.39	54.81	54.10	53.98	53.40	52.56	51.95	51.89	52.29	52.02	52.88
17	54.83	55.36	54.78	54.05	53.97	53.38	52.53	51.98	51.89	52.30	52.03	52.87
18	54.80	55.31	54.76	54.10	53.96	53.35	52.50	51.94	51.89	52.30	52.08	52.86
19	54.77	---	54.76	54.06	53.95	53.31	52.47	51.92	51.89	52.29	52.06	52.86
20	54.77	---	54.74	54.03	53.93	53.27	52.46	51.90	51.89	52.29	52.06	52.90
21	54.79	---	54.73	54.02	53.91	53.26	52.44	51.88	51.89	52.30	52.07	52.89
22	54.78	---	54.69	54.00	53.90	53.24	52.46	51.87	51.88	52.31	52.08	52.88
23	54.79	---	54.65	53.98	53.88	53.21	52.47	51.87	51.87	52.31	52.11	52.87
24	55.41	55.15	54.62	53.98	53.87	53.24	52.49	51.87	51.86	52.31	52.09	52.86
25	55.94	55.13	54.60	53.97	53.84	53.18	52.46	51.86	51.84	52.31	52.08	52.86
26	56.16	55.10	54.61	53.93	53.88	53.14	52.43	51.85	51.83	52.31	52.07	52.84
27	56.22	55.06	54.57	53.89	53.83	53.08	52.43	51.85	51.82	52.29	52.10	52.83
28	56.20	55.03	54.54	53.85	53.80	53.04	52.38	51.85	51.87	52.29	52.10	52.81
29	56.15	55.08	54.53	53.83	---	53.02	52.32	51.86	52.00	52.30	52.09	52.78
30	56.07	55.10	54.51	53.82	---	52.99	52.29	51.86	52.00	52.30	52.23	52.77
31	55.99	---	54.49	53.82	---	52.97	---	51.86	---	52.29	52.31	---
Mean	55.21	---	54.79	54.14	53.94	53.39	52.61	52.00	51.88	52.21	52.12	52.78
Max	56.22	---	55.08	54.47	54.10	53.79	52.95	52.27	52.00	52.31	52.31	52.90
Min	54.77	---	54.49	53.82	53.73	52.97	52.29	51.85	51.82	52.00	52.02	52.37

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