08064510 Halbert Lake near Corsicana, TX

Trinity River Basin

LOCATION.--Lat 32°04′36″, long 96°24′20″ referenced to North American Datum of 1927, Navarro County, Hydrologic Unit 12030109, on fishing pier approximately 1,000 ft upstream of dam on left bank, 4.0 mi southeast of Corsicana.

DRAINAGE AREA.--12.0 mi^2.

WATER-STAGE RECORDS

PERIOD OF RECORD.--Apr. 1999 to Sept. 2002 (contents), Oct. 2002 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. Satellite telemeter at station.

REMARKS.--Records good except those for Oct. 1 to June 20, which are fair. The lake is formed by a rolled earthfill dam 2,780 ft long. The dam was completed and storage began in 1921. An uncontrolled concrete chute spillway 175 ft long is located on the left (west) embankment. The dam was built by the city of Corsicana to impound water for municipal use. There was no known diversion from the lake during the current water year. Data regarding the dam are given in the following table:

	Elevation (feet)
Top of dam.....	375.0
Crest of spillway.....	368.0

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 5,530 acre-ft, Apr. 8, 2002, elevation, 367.12 ft; maximum elevation, 367.57 ft, Mar. 2, 3, 2005; minimum contents, 2,670 acre-ft, Feb. 17, 18, 2000, elevation, 361,17 ft.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 367.57 ft, Mar. 2, 3; minimum elevation, 363.49 ft, Sept. 30.

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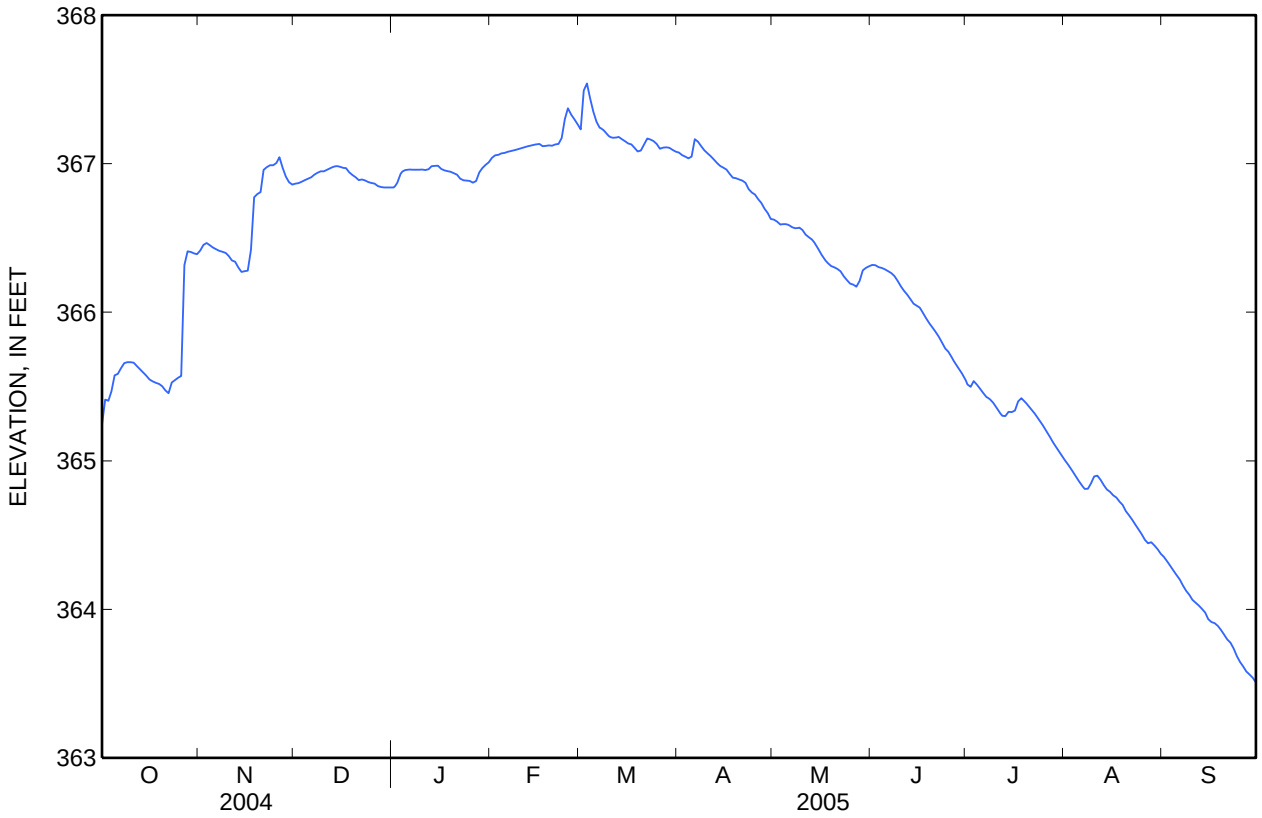
ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	365.24	366.42	366.87	366.84	367.04	367.23	367.08	366.62	366.32	365.51	365.00	364.35
2	365.41	366.45	366.87	366.86	367.06	367.49	367.06	366.61	366.32	365.50	364.97	364.32
3	365.40	366.47	366.88	366.92	367.06	367.54	367.05	366.59	366.30	365.54	364.93	364.29
4	365.47	366.45	366.89	366.95	367.07	367.44	367.04	366.60	366.30	365.51	364.90	364.26
5	365.58	366.44	366.90	366.96	367.07	367.35	367.05	366.59	366.29	365.49	364.87	364.23
6	365.59	366.42	366.91	366.96	367.08	367.28	367.17	366.58	366.28	365.46	364.84	364.20
7	365.62	366.41	366.93	366.96	367.09	367.24	367.15	366.57	366.26	365.43	364.81	364.16
8	365.66	366.41	366.94	366.96	367.09	367.23	367.12	366.57	366.24	365.42	364.81	364.13
9	365.66	366.40	366.95	366.96	367.10	367.21	367.09	366.57	366.21	365.40	364.85	364.10
10	365.66	366.38	366.95	366.96	367.10	367.18	367.07	366.55	366.17	365.36	364.89	364.06
11	365.66	366.35	366.96	366.96	367.11	367.18	367.05	366.52	366.15	365.33	364.90	364.05
12	365.64	366.34	366.97	366.96	367.11	367.18	367.03	366.51	366.12	365.30	364.87	364.03
13	365.62	366.30	366.98	366.98	367.12	367.18	367.01	366.49	366.09	365.30	364.84	364.00
14	365.59	366.27	366.98	366.99	367.13	367.17	366.99	366.46	366.06	365.33	364.81	363.98
15	365.57	366.28	366.98	366.99	367.13	367.15	366.97	366.43	366.04	365.33	364.79	363.93
16	365.55	366.28	366.97	366.96	367.13	367.14	366.96	366.39	366.03	365.34	364.77	363.92
17	365.53	366.42	366.97	366.96	367.12	367.13	366.93	366.36	366.00	365.40	364.75	363.91
18	365.53	366.77	366.94	366.95	367.12	367.11	366.91	366.33	365.96	365.42	364.72	363.89
19	365.52	366.80	366.92	366.95	367.12	367.08	366.90	366.31	365.93	365.40	364.70	363.86
20	365.50	366.81	366.91	366.94	367.12	367.09	366.89	366.30	365.90	365.38	364.66	363.83
21	365.47	366.96	366.89	366.93	367.13	367.13	366.89	366.29	365.87	365.35	364.63	363.80
22	365.46	366.98	366.89	366.90	367.13	367.17	366.87	366.28	365.84	365.33	364.60	363.78
23	365.53	366.99	366.89	366.89	367.17	367.16	366.83	366.24	365.80	365.29	364.57	363.74
24	365.54	366.99	366.88	366.89	367.30	367.15	366.81	366.22	365.76	365.26	364.54	363.68
25	365.56	367.00	366.87	366.88	367.37	367.13	366.79	366.19	365.73	365.23	364.51	363.65
26	365.57	367.04	366.87	366.87	367.33	367.10	366.76	366.19	365.70	365.20	364.47	363.62
27	366.32	366.97	366.85	366.88	367.30	367.11	366.74	366.17	365.66	365.16	364.44	363.58
28	366.41	366.91	366.84	366.94	367.27	367.11	366.70	366.21	365.63	365.12	364.45	363.56
29	366.41	366.88	366.84	366.97	---	367.11	366.67	366.28	365.60	365.10	364.43	363.54
30	366.40	366.86	366.84	366.99	---	367.09	366.63	366.30	365.56	365.06	364.41	363.51
31	366.39	---	366.84	367.01	---	367.08	---	366.31	---	365.03	364.37	---
Mean	365.68	366.62	366.91	366.94	367.14	367.19	366.94	366.41	366.00	365.33	364.71	363.93
Max	366.41	367.04	366.98	367.01	367.37	367.54	367.17	366.62	366.32	365.54	365.00	364.35
Min	365.24	366.27	366.84	366.84	367.04	367.08	366.63	366.17	365.56	365.03	364.37	363.51

	Water Year 2005
Mean	366.15
Max	367.54
Min	363.51

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