07335600 Lake Crook near Paris, TX

Red-Little Basin
Bois D'Arc-Island Subbasin

LOCATION.--Lat 33°43′42″, long 95°34′00″ referenced to North American Datum of 1927, Lamar County, TX, Hydrologic Unit 11140101, on intake structure 70 ft upstream of right end of dam, 4.4 mi north-northwest of downtown Paris, and 1.9 mi northwest of intersection of Lake Crook Road and US Highway 271.

DRAINAGE AREA.--52.0 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Mar. 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 fair. Lake Crook Dam is an earthfill dam 3,100 ft long with a maximum height of 38 ft and a crown width of 20 ft. A concrete overflow type spillway 300 ft long is located near the center of the dam. Lake Crook is about 2.7 miles in length with an average width of 0.6 mi, and the shoreline is approximately 12 miles in length. The lake is owned by the City of Paris. Data regarding the dam are given in the following table:

	Elevation (feet)
Top of dam	488.0
Crest of spillway	476.0
Stream bed	450.0

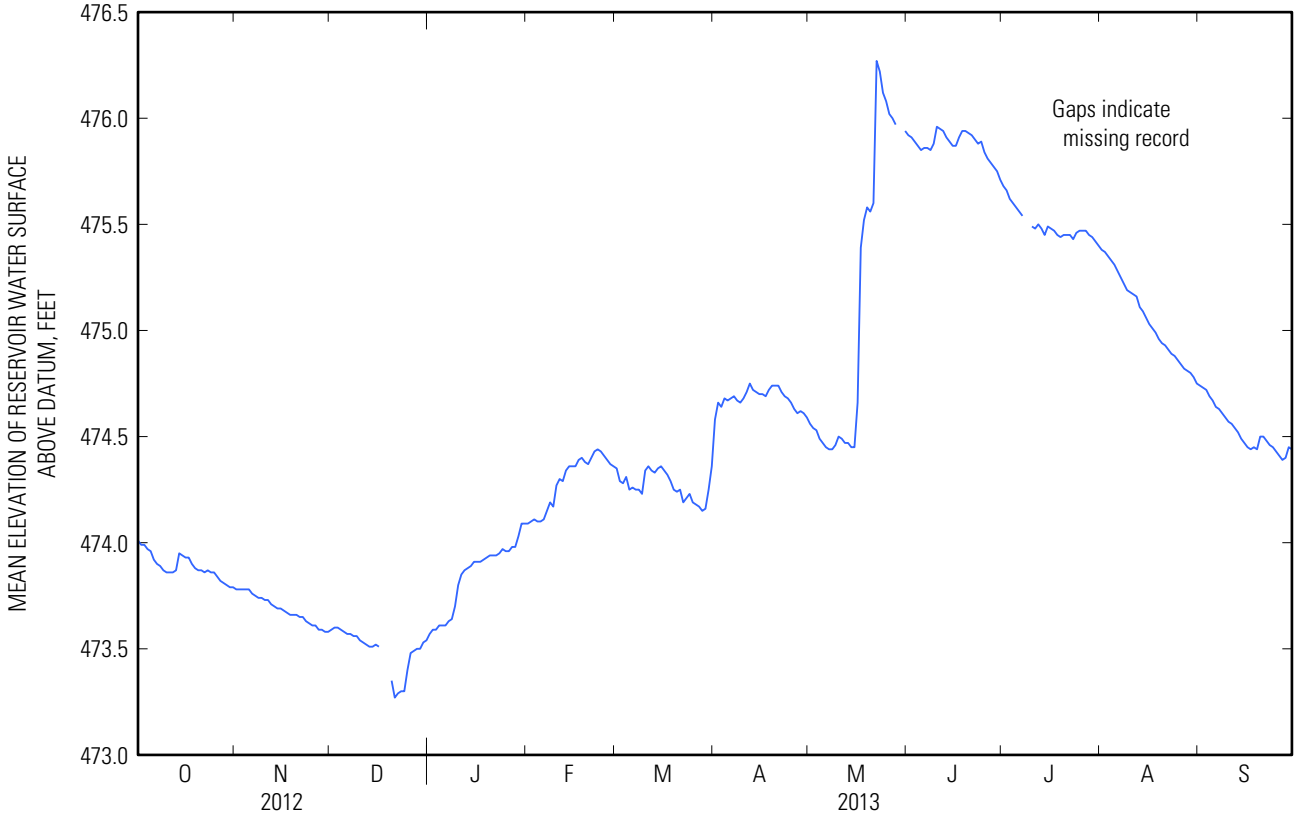
EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 11,820 acre-ft, Dec. 26, 2000, elevation, 478.30 ft; minimum contents, 5,940 acre-ft, Dec. 8, 1999, elevation, 473.49 ft; maximum elevation, 479.53 ft, Mar. 19, 2008; minimum elevation, 472.87 ft, Jan. 17, 2006.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 476.33 ft, May 22; minimum elevation, 473.16 ft, Dec. 24.

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 07335600, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/07335600.2013.pdf

07335600 Lake Crook near Paris, TX—Continued

ELEVATION OF RESERVOIR WATER SURFACE ABOVE DATUM, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	474.01	473.78	473.59	473.57	474.09	474.35	474.58	474.56	475.92	475.68	475.38	474.74
2	473.99	473.78	473.60	473.59	474.10	474.29	474.66	474.54	475.91	475.66	475.37	474.73
3	473.99	473.78	473.60	473.59	474.11	474.28	474.64	474.53	475.89	475.62	475.35	474.72
4	473.97	473.78	473.59	473.61	474.10	474.31	474.68	474.49	475.87	475.60	475.33	474.69
5	473.96	473.78	473.58	473.61	474.10	474.25	474.67	474.47	475.85	475.58	475.31	474.67
6	473.92	473.76	473.57	473.61	474.11	474.26	474.68	474.45	475.86	475.56	475.28	474.64
7	473.90	473.75	473.57	473.63	474.15	474.25	474.69	474.44	475.86	475.54	475.25	474.63
8	473.89	473.74	473.56	473.64	474.19	474.25	474.67	474.44	475.85	---	475.22	474.61
9	473.87	473.74	473.56	473.70	474.17	474.23	474.66	474.46	475.88	---	475.19	474.59
10	473.86	473.73	473.54	473.80	474.27	474.34	474.68	474.50	475.96	475.49	475.18	474.57
11	473.86	473.73	473.53	473.85	474.30	474.36	474.71	474.49	475.95	475.48	475.17	474.56
12	473.86	473.71	473.52	473.87	474.29	474.34	474.75	474.47	475.94	475.50	475.16	474.54
13	473.87	473.70	473.51	473.88	474.34	474.33	474.72	474.47	475.91	475.48	475.11	474.52
14	473.95	473.69	473.51	473.89	474.36	474.35	474.71	474.45	475.89	475.45	475.09	474.49
15	473.94	473.69	473.52	473.91	474.36	474.36	474.70	474.45	475.87	475.49	475.06	474.47
16	473.93	473.68	473.51	473.91	474.36	474.34	474.70	474.66	475.87	475.48	475.03	474.45
17	473.93	473.67	---	473.91	474.39	474.32	474.69	475.39	475.91	475.47	475.01	474.44
18	473.90	473.66	---	473.92	474.40	474.29	474.72	475.52	475.94	475.45	474.99	474.45
19	473.88	473.66	---	473.93	474.38	474.25	474.74	475.58	475.94	475.44	474.96	474.44
20	473.87	473.66	473.35	473.94	474.37	474.24	474.74	475.56	475.93	475.45	474.94	474.50
21	473.87	473.65	473.27	473.94	474.40	474.25	474.74	475.60	475.92	475.45	474.93	474.50
22	473.86	473.65	473.29	473.94	474.43	474.19	474.71	476.27	475.90	475.45	474.91	474.48
23	473.87	473.63	473.30	473.95	474.44	474.21	474.69	476.22	475.88	475.43	474.89	474.46
24	473.86	473.62	473.30	473.97	474.43	474.23	474.68	476.12	475.89	475.46	474.88	474.45
25	473.86	473.61	473.40	473.96	474.41	474.19	474.66	476.08	475.84	475.47	474.86	474.43
26	473.84	473.61	473.48	473.96	474.39	474.18	474.63	476.02	475.81	475.47	474.84	474.41
27	473.82	473.59	473.49	473.98	474.37	474.17	474.61	476.00	475.79	475.47	474.82	474.39
28	473.81	473.59	473.50	473.98	474.36	474.15	474.62	475.97	475.77	475.45	474.81	474.40
29	473.80	473.58	473.50	474.03	---	474.16	474.61	---	475.75	475.44	474.80	474.45
30	473.79	473.58	473.53	474.09	---	474.25	474.59	---	475.71	475.42	474.78	474.44
31	473.79	---	473.54	474.09	---	474.36	---	475.94	---	475.40	474.75	---
Mean	473.89	473.69	---	473.85	474.29	474.27	474.68	---	475.88	---	475.05	474.53
Max	474.01	473.78	---	474.09	474.44	474.36	474.75	---	475.96	---	475.38	474.74
Min	473.79	473.58	---	473.57	474.09	474.15	474.58	---	475.71	---	474.75	474.39

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