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, 3.0 mi from city of Paris, 1.0 mi from Lamar County Road 31700. Gage is located on intake structure.

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 good. Lake Crook dam is an earthfill 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

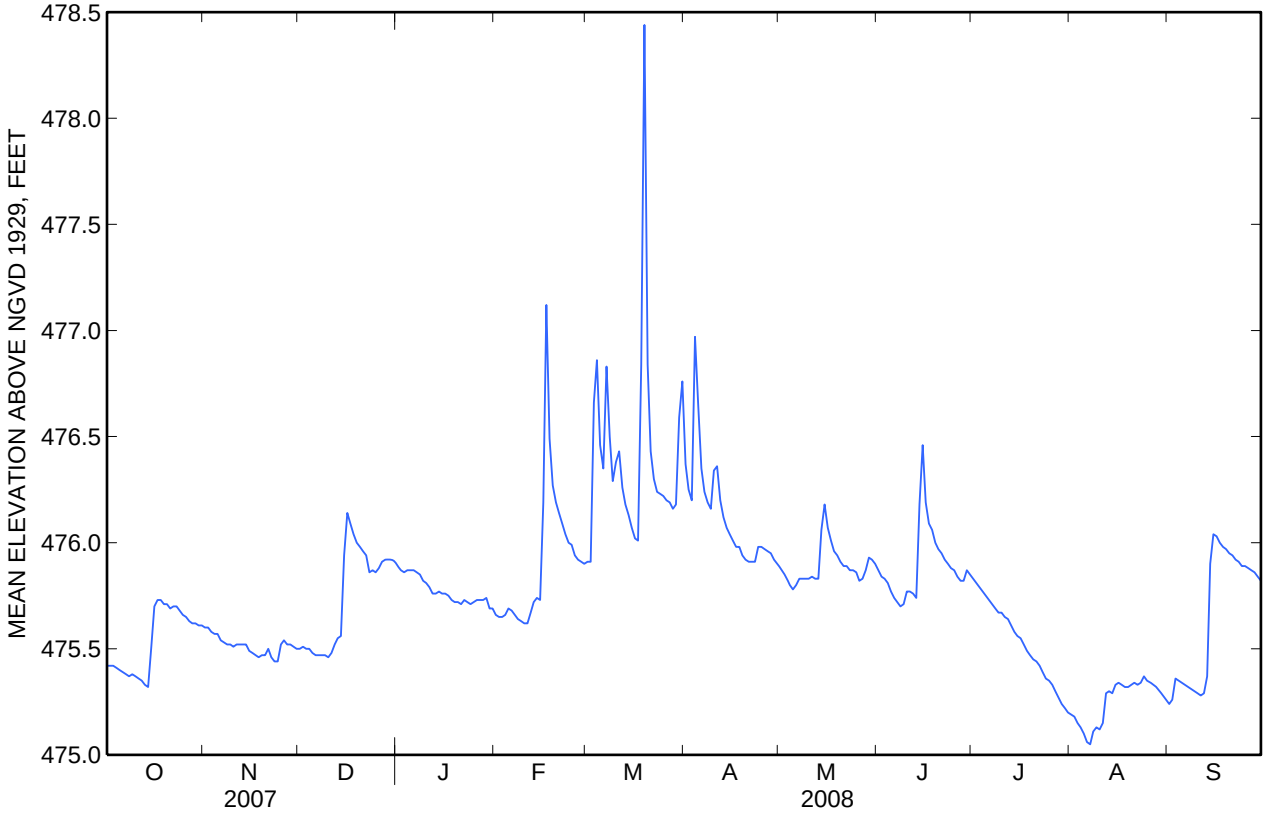
EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 11,820 acre-ft, Dec. 26, 2000, elevation, 478.30 ft; minimum contents, 5,940 acre-ft, Dec. 8, 1999, elevation, 473.49 ft; maximum elevation, 479.53 ft, Mar. 19, 2008; minimum elevation, 472.87 ft, Jan. 17, 2006.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 479.53 ft, Mar. 19; minimum elevation, 475.03 ft, Aug. 7.

07335600 Lake Crook near Paris, TX—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	475.42	475.60	475.50	475.89	475.66	475.91	476.37	475.88	475.87	475.83	475.19	475.24
2	475.42	475.60	475.51	475.87	475.65	475.91	476.25	475.86	475.84	475.81	475.18	475.26
3	475.42	475.58	475.50	475.86	475.65	476.66	476.20	475.83	475.83	475.79	475.15	475.36
4	475.41	475.57	475.50	475.87	475.66	476.86	476.97	475.80	475.81	475.77	475.13	475.35
5	475.40	475.57	475.48	475.87	475.69	476.46	476.65	475.78	475.77	475.75	475.10	475.34
6	475.39	475.54	475.47	475.87	475.68	476.35	476.35	475.80	475.74	475.73	475.06	475.33
7	475.38	475.53	475.47	475.86	475.66	476.83	476.24	475.83	475.72	475.71	475.05	475.32
8	475.37	475.52	475.47	475.85	475.64	476.50	476.19	475.83	475.70	475.69	475.11	475.31
9	475.38	475.52	475.47	475.82	475.63	476.29	476.16	475.83	475.71	475.67	475.13	475.30
10	475.37	475.51	475.46	475.81	475.62	476.38	476.34	475.83	475.77	475.67	475.12	475.29
11	475.36	475.52	475.48	475.79	475.62	476.43	476.36	475.84	475.77	475.65	475.15	475.28
12	475.35	475.52	475.52	475.76	475.67	476.26	476.20	475.83	475.76	475.64	475.29	475.29
13	475.33	475.52	475.55	475.76	475.72	476.18	476.12	475.83	475.74	475.61	475.30	475.37
14	475.32	475.52	475.56	475.77	475.74	476.13	476.07	476.06	476.18	475.58	475.29	475.90
15	475.51	475.49	475.94	475.76	475.73	476.07	476.04	476.18	476.46	475.56	475.33	476.04
16	475.70	475.48	476.14	475.76	476.19	476.02	476.01	476.07	476.19	475.55	475.34	476.03
17	475.73	475.47	476.09	475.75	477.12	476.01	475.98	476.01	476.09	475.52	475.33	476.00
18	475.73	475.46	476.04	475.73	476.49	476.84	475.98	475.96	476.06	475.49	475.32	475.98
19	475.71	475.47	476.00	475.72	476.27	478.44	475.94	475.94	476.00	475.47	475.32	475.97
20	475.71	475.47	475.98	475.72	476.19	476.84	475.92	475.91	475.97	475.45	475.33	475.95
21	475.69	475.50	475.96	475.71	476.14	476.43	475.91	475.89	475.95	475.44	475.34	475.94
22	475.70	475.46	475.94	475.73	476.09	476.30	475.91	475.89	475.92	475.42	475.33	475.92
23	475.70	475.44	475.86	475.72	476.04	476.24	475.91	475.87	475.90	475.39	475.34	475.91
24	475.68	475.44	475.87	475.71	476.00	476.23	475.98	475.87	475.88	475.36	475.37	475.89
25	475.66	475.52	475.86	475.72	475.99	476.22	475.98	475.86	475.87	475.35	475.35	475.89
26	475.65	475.54	475.88	475.73	475.94	476.20	475.97	475.82	475.84	475.33	475.34	475.88
27	475.63	475.52	475.91	475.73	475.92	476.19	475.96	475.83	475.82	475.30	475.33	475.87
28	475.62	475.52	475.92	475.73	475.91	476.16	475.95	475.87	475.82	475.27	475.32	475.86
29	475.62	475.51	475.92	475.74	475.90	476.18	475.92	475.93	475.87	475.24	475.30	475.84
30	475.61	475.50	475.92	475.69	---	476.59	475.90	475.92	475.85	475.22	475.28	475.82
31	475.61	---	475.91	475.69	---	476.76	---	475.90	---	475.20	475.26	---
Mean	475.53	475.51	475.74	475.77	475.90	476.42	476.12	475.89	475.89	475.53	475.25	475.66
Max	475.73	475.60	476.14	475.89	477.12	478.44	476.97	476.18	476.46	475.83	475.37	476.04
Min	475.32	475.44	475.46	475.69	475.62	475.91	475.90	475.78	475.70	475.20	475.05	475.24

	Calendar Year 2007	Water Year 2008
Mean	475.83	475.77
Max	477.69	478.44
Min	475.32	475.05

07335600 Lake Crook near Paris, TX—Continued