Water-Data Report 2012

08140770 Lake Coleman near Novice, TX

Middle Colorado-Concho Basin
Jim Ned Subbasin

LOCATION.--Lat 32°01′48″, long 99°27′54″ referenced to North American Datum of 1927, Coleman County, TX, Hydrologic Unit 12090108, 800 ft left of service outlet structure on upstream edge of Coleman Dam on Jim Ned Creek, 2.0 mi upstream from Salt Branch, 2.5 mi west of U.S. Hwy 283, 3.0 mi south of Coleman and Callahan County line, 10.0 mi northeast of Novice, and 14.0 mi north of Coleman.

DRAINAGE AREA.--292 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Oct. 2000 to Sept. 2002 (contents), Oct. 2000 to current year (elevation).

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

COOPERATION.--Records of diversions may be obtained from the city of Coleman.

REMARKS.--Records good. The lake is formed by a rolled earthfill dam 3,200 ft long. Impoundment began April 1966, and dam was completed in May 1966. The top of the dam was raised 2.0 ft in 1975. The dam and reservoir are owned and operated by the city of Coleman. The uncontrolled emergency spillway is 1,500 ft long across natural earth. The uncontrolled morning glory service spillway is 28 ft wide at the crest. A service outlet is provided for small releases through a 24-inch conduit. Water may be pumped from reservoir for municipal and industrial use. Data regarding the dam are given in the following table:

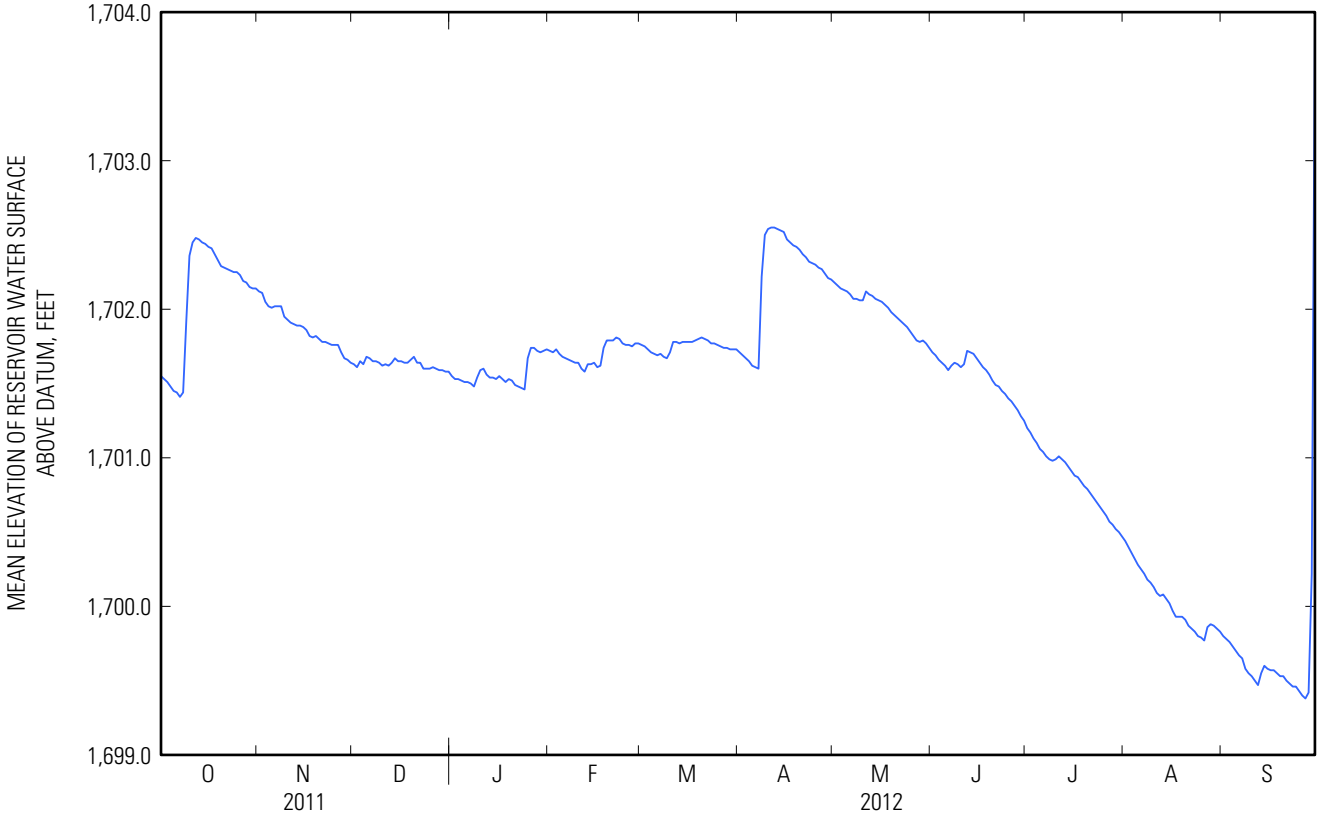
	Elevation (feet)
Top of dam	1,742.0
Crest of emergency spillway	1,726.0
Crest of service spillway	1,717.5
Lowest gated outlet (invert)	1,662.5

EXTREMES FOR PERIOD OF RECORD.--Feb. 1999 to Sept. 2002: Maximum contents, 53,740 acre-ft, July 7, 2002; minimum contents, 12,750 acre-ft, May 2, 3, 2002; Feb. 1999 to current year: Maximum elevation, 1,724.10 ft, July 7, 2002; minimum elevation, 1,698.57 ft, May 2, 3, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 1,704.72 ft, Sept. 30; minimum elevation, 1,699.35 ft, Sept. 27.

08140770 Lake Coleman near Novice, TX—Continued

ELEVATION OF RESERVOIR WATER SURFACE ABOVE DATUM, 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	1,701.55	1,702.12	1,701.63	1,701.55	1,701.72	1,701.76	1,701.71	1,702.18	1,701.71	1,701.20	1,700.44	1,699.80
2	1,701.53	1,702.11	1,701.61	1,701.53	1,701.71	1,701.75	1,701.69	1,702.16	1,701.69	1,701.17	1,700.40	1,699.78
3	1,701.51	1,702.05	1,701.65	1,701.53	1,701.73	1,701.73	1,701.67	1,702.14	1,701.66	1,701.13	1,700.36	1,699.76
4	1,701.48	1,702.02	1,701.63	1,701.52	1,701.70	1,701.71	1,701.65	1,702.13	1,701.64	1,701.10	1,700.32	1,699.73
5	1,701.45	1,702.01	1,701.68	1,701.51	1,701.68	1,701.70	1,701.62	1,702.12	1,701.62	1,701.06	1,700.28	1,699.70
6	1,701.44	1,702.02	1,701.67	1,701.51	1,701.67	1,701.69	1,701.61	1,702.10	1,701.59	1,701.04	1,700.25	1,699.67
7	1,701.41	1,702.02	1,701.65	1,701.50	1,701.66	1,701.70	1,701.60	1,702.07	1,701.62	1,701.01	1,700.22	1,699.65
8	1,701.44	1,702.02	1,701.65	1,701.48	1,701.65	1,701.68	1,702.22	1,702.07	1,701.64	1,700.99	1,700.18	1,699.58
9	1,701.92	1,701.95	1,701.64	1,701.54	1,701.64	1,701.67	1,702.50	1,702.06	1,701.63	1,700.98	1,700.16	1,699.55
10	1,702.36	1,701.93	1,701.62	1,701.59	1,701.64	1,701.71	1,702.54	1,702.06	1,701.61	1,700.99	1,700.13	1,699.53
11	1,702.45	1,701.91	1,701.63	1,701.60	1,701.60	1,701.78	1,702.55	1,702.12	1,701.63	1,701.01	1,700.09	1,699.50
12	1,702.48	1,701.90	1,701.62	1,701.56	1,701.58	1,701.78	1,702.55	1,702.10	1,701.72	1,700.99	1,700.07	1,699.47
13	1,702.47	1,701.89	1,701.64	1,701.54	1,701.63	1,701.77	1,702.54	1,702.09	1,701.71	1,700.97	1,700.08	1,699.55
14	1,702.45	1,701.89	1,701.67	1,701.54	1,701.63	1,701.78	1,702.53	1,702.07	1,701.70	1,700.94	1,700.05	1,699.60
15	1,702.44	1,701.88	1,701.65	1,701.53	1,701.64	1,701.78	1,702.52	1,702.06	1,701.67	1,700.91	1,700.02	1,699.58
16	1,702.42	1,701.86	1,701.65	1,701.55	1,701.61	1,701.78	1,702.47	1,702.05	1,701.64	1,700.88	1,699.97	1,699.57
17	1,702.41	1,701.82	1,701.64	1,701.53	1,701.62	1,701.78	1,702.45	1,702.03	1,701.61	1,700.87	1,699.93	1,699.57
18	1,702.37	1,701.81	1,701.64	1,701.51	1,701.74	1,701.79	1,702.43	1,702.01	1,701.59	1,700.84	1,699.93	1,699.55
19	1,702.33	1,701.82	1,701.66	1,701.53	1,701.79	1,701.80	1,702.42	1,701.98	1,701.56	1,700.81	1,699.93	1,699.53
20	1,702.29	1,701.80	1,701.68	1,701.52	1,701.79	1,701.81	1,702.40	1,701.96	1,701.52	1,700.79	1,699.91	1,699.53
21	1,702.28	1,701.78	1,701.64	1,701.49	1,701.79	1,701.80	1,702.37	1,701.94	1,701.49	1,700.76	1,699.87	1,699.50
22	1,702.27	1,701.78	1,701.64	1,701.48	1,701.81	1,701.79	1,702.35	1,701.92	1,701.48	1,700.73	1,699.85	1,699.48
23	1,702.26	1,701.77	1,701.60	1,701.47	1,701.80	1,701.77	1,702.32	1,701.90	1,701.45	1,700.70	1,699.83	1,699.46
24	1,702.25	1,701.76	1,701.60	1,701.46	1,701.77	1,701.77	1,702.31	1,701.88	1,701.43	1,700.67	1,699.80	1,699.46
25	1,702.25	1,701.76	1,701.60	1,701.67	1,701.76	1,701.76	1,702.30	1,701.85	1,701.40	1,700.64	1,699.79	1,699.43
26	1,702.23	1,701.76	1,701.61	1,701.74	1,701.76	1,701.75	1,702.28	1,701.82	1,701.38	1,700.61	1,699.77	1,699.40
27	1,702.19	1,701.71	1,701.60	1,701.74	1,701.75	1,701.74	1,702.27	1,701.79	1,701.35	1,700.57	1,699.86	1,699.38
28	1,702.18	1,701.67	1,701.59	1,701.72	1,701.77	1,701.74	1,702.24	1,701.78	1,701.32	1,700.55	1,699.88	1,699.42
29	1,702.15	1,701.66	1,701.59	1,701.71	1,701.77	1,701.73	1,702.21	1,701.79	1,701.28	1,700.52	1,699.87	1,700.22
30	1,702.14	1,701.64	1,701.58	1,701.72	---	1,701.73	1,702.20	1,701.77	1,701.25	1,700.50	1,699.85	1,703.94
31	1,702.14	---	1,701.58	1,701.73	---	1,701.73	---	1,701.74	---	1,700.47	1,699.83	---
Mean	1,702.08	1,701.87	1,701.63	1,701.57	1,701.70	1,701.75	1,702.22	1,701.99	1,701.55	1,700.85	1,700.03	1,699.73
Max	1,702.48	1,702.12	1,701.68	1,701.74	1,701.81	1,701.81	1,702.55	1,702.18	1,701.72	1,701.20	1,700.44	1,703.94
Min	1,701.41	1,701.64	1,701.58	1,701.46	1,701.58	1,701.67	1,701.60	1,701.74	1,701.25	1,700.47	1,699.77	1,699.38

08140770 Lake Coleman near Novice, TX—Continued