08084500 Lake Stamford near Haskell, TX

Middle Brazos-Clear Fork Basin
Paint Subbasin

LOCATION.--Lat 33°03′45″, long 99°34′45″ referenced to North American Datum of 1927, Haskell County, TX, Hydrologic Unit 12060103, on right bank at city of Stamford pumping station at Lake Stamford on Paint Creek, 0.9 mi upstream from right end of dam, 2.3 mi upstream from California Creek, 10.0 mi southeast of Haskell, and 22.3 mi upstream from mouth.

DRAINAGE AREA.--368 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 1953 to September 1986, February 1999 to September 2002 (contents), October 2002 to current year. Water-quality records: Chemical data: August 1965, March 1970 to July 1984.

REVISED RECORDS.--WDR TX-77-2: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. Prior to October 1986, nonrecording gage at site on left bank, 1.0 mi upstream from dam at datum 2.77 ft lower. Satellite telemeter at station.

COOPERATION.--Records of diversions may be obtained from the City of Stamford.

REMARKS.--Records good. Interruptions in the record were due to malfunction of the instrument and editing of electronic spikes. The lake is formed by a rolled earthfill dam 3,600 ft long. The dam was completed in Mar. 1953, and deliberate impoundment began in June 1953. The right spillway is an uncontrolled natural channel located near the right end of dam. The left spillway is an uncontrolled channel excavated through natural ground, 169 ft wide, located 900 ft to left of left end of dam. The service outlet is a controlled 24-inch diameter concrete pipe that is used for low-flow releases. Capacity table in use when station was discontinued in September 1986 was based on sedimentation survey of 1966. The dam is owned by the City of Stamford. Water is diverted for municipal supply for the cities of Stamford and Hamlin. Data regarding the dam are given in the following table:

	Elevation (feet)
Top of dam	1,436.8
Crest of emergency spillway	1,425.8
Crest of service spillway	1,417.0
Lowest gated outlet (invert)	1,382.8

EXTREMES FOR PERIOD OF RECORD.--July 1953 to September 1986, February 1999 to September 2002: Maximum contents observed, 103,700 acre-ft, August 5, 1978; minimum contents, 6,740 acre-ft, Oct. 15, 2000; July 1953 to September 1986, February 1999 to current year: Maximum elevation, 1,426.18 ft, Aug. 17, 2005; minimum elevation, 1,400.98 ft, Oct. 15, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 1,417.52 ft, Oct. 2; minimum elevation, 1,413.80 ft, Sept. 8.

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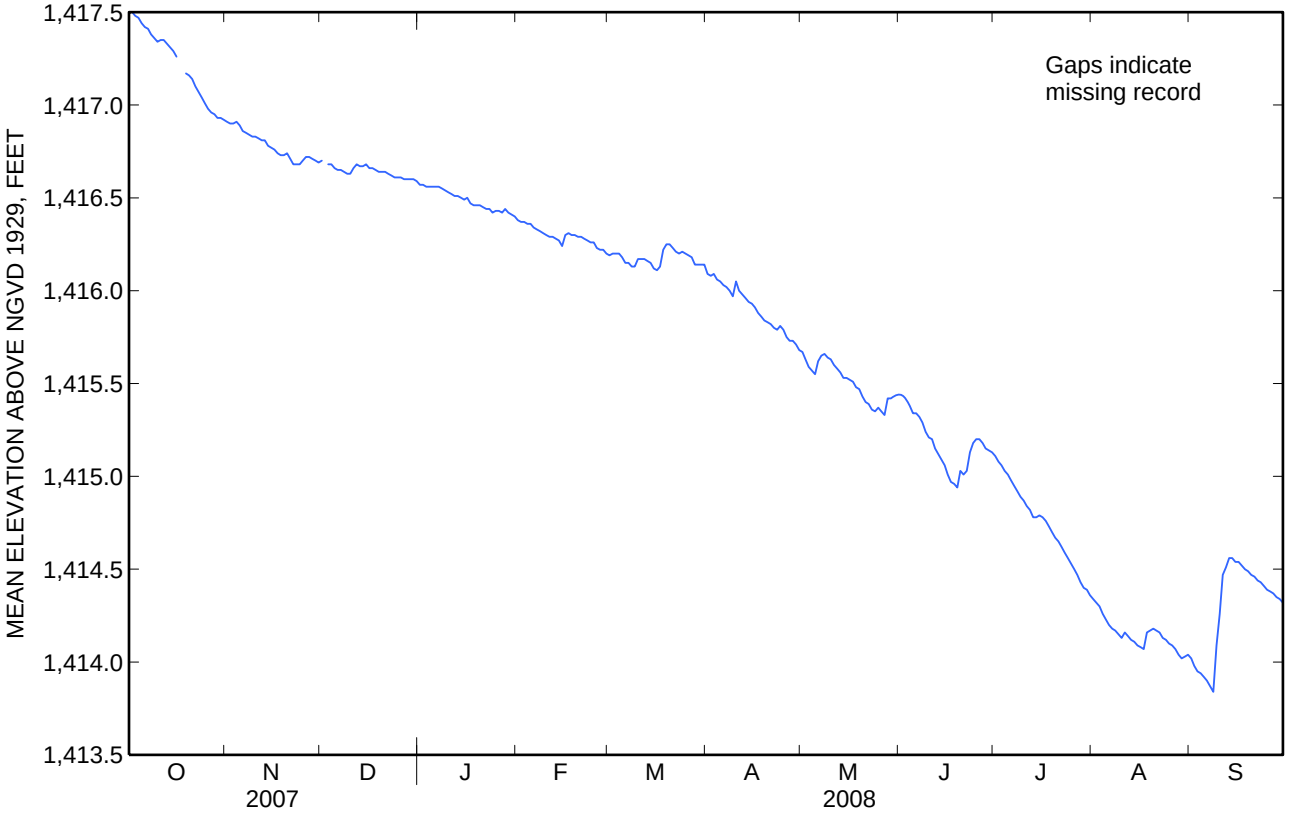
ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,417.50	1,416.91	1,416.70	1,416.57	1,416.38	1,416.19	1,416.09	1,415.67	1,415.44	1,415.11	1,414.34	1,414.02
2	1,417.50	1,416.90	---	1,416.57	1,416.37	1,416.20	1,416.08	1,415.63	1,415.43	1,415.08	1,414.32	1,413.98
3	1,417.48	1,416.90	1,416.68	1,416.56	1,416.37	1,416.20	1,416.09	1,415.59	1,415.41	1,415.06	1,414.30	1,413.95
4	1,417.47	1,416.91	1,416.68	1,416.56	1,416.36	1,416.20	1,416.06	1,415.57	1,415.38	1,415.03	1,414.26	1,413.94
5	1,417.44	1,416.89	1,416.66	1,416.56	1,416.36	1,416.18	1,416.05	1,415.55	1,415.34	1,415.01	1,414.23	1,413.92
6	1,417.42	1,416.86	1,416.65	1,416.56	1,416.34	1,416.15	1,416.03	1,415.62	1,415.34	1,414.98	1,414.20	1,413.90
7	1,417.41	1,416.85	1,416.65	1,416.56	1,416.33	1,416.15	1,416.02	1,415.65	1,415.32	1,414.95	1,414.18	1,413.87
8	1,417.38	1,416.84	1,416.64	1,416.55	1,416.32	1,416.13	1,416.00	1,415.66	1,415.29	1,414.92	1,414.17	1,413.84
9	1,417.36	1,416.83	1,416.63	1,416.54	1,416.31	1,416.13	1,415.97	1,415.64	1,415.24	1,414.89	1,414.15	1,414.09
10	1,417.34	1,416.83	1,416.63	1,416.53	1,416.30	1,416.17	1,416.05	1,415.63	1,415.21	1,414.87	1,414.13	1,414.26
11	1,417.35	1,416.82	1,416.66	1,416.52	1,416.29	1,416.17	1,416.00	1,415.60	1,415.20	1,414.84	1,414.16	1,414.47
12	1,417.35	1,416.81	1,416.68	1,416.51	1,416.29	1,416.17	1,415.98	1,415.58	1,415.15	1,414.82	1,414.14	1,414.51
13	1,417.33	1,416.81	1,416.67	1,416.51	1,416.28	1,416.16	1,415.96	1,415.56	1,415.12	1,414.78	1,414.12	1,414.56
14	1,417.31	1,416.78	1,416.67	1,416.50	1,416.27	1,416.15	1,415.94	1,415.53	1,415.09	1,414.78	1,414.11	1,414.56
15	1,417.29	1,416.77	1,416.68	1,416.49	1,416.24	1,416.12	1,415.93	1,415.53	1,415.06	1,414.79	1,414.09	1,414.54
16	1,417.26	1,416.76	1,416.66	1,416.50	1,416.30	1,416.11	1,415.91	1,415.52	1,415.01	1,414.78	1,414.08	1,414.54
17	---	1,416.74	1,416.66	1,416.47	1,416.31	1,416.13	1,415.88	1,415.51	1,414.97	1,414.76	1,414.07	1,414.52
18	---	1,416.73	1,416.65	1,416.46	1,416.30	1,416.22	1,415.86	1,415.48	1,414.96	1,414.73	1,414.16	1,414.50
19	1,417.17	1,416.73	1,416.64	1,416.46	1,416.30	1,416.25	1,415.84	1,415.47	1,414.94	1,414.70	1,414.17	1,414.49
20	1,417.16	1,416.74	1,416.64	1,416.46	1,416.29	1,416.25	1,415.83	1,415.43	1,415.03	1,414.67	1,414.18	1,414.47
21	1,417.14	1,416.71	1,416.64	1,416.45	1,416.29	1,416.23	1,415.82	1,415.40	1,415.01	1,414.65	1,414.17	1,414.46
22	1,417.10	1,416.68	1,416.63	1,416.44	1,416.28	1,416.21	1,415.80	1,415.39	1,415.03	1,414.62	1,414.16	1,414.44
23	1,417.07	1,416.68	1,416.62	1,416.44	1,416.27	1,416.20	1,415.79	1,415.36	1,415.13	1,414.59	1,414.13	1,414.43
24	1,417.04	1,416.68	1,416.61	1,416.42	1,416.26	1,416.21	1,415.81	1,415.35	1,415.18	1,414.56	1,414.12	1,414.41
25	1,417.01	1,416.70	1,416.61	1,416.43	1,416.26	1,416.20	1,415.79	1,415.37	1,415.20	1,414.53	1,414.10	1,414.39
26	1,416.98	1,416.72	1,416.61	1,416.43	1,416.23	1,416.19	1,415.75	1,415.35	1,415.20	1,414.50	1,414.09	1,414.38
27	1,416.96	1,416.72	1,416.60	1,416.42	1,416.22	1,416.18	1,415.73	1,415.33	1,415.18	1,414.47	1,414.07	1,414.37
28	1,416.95	1,416.71	1,416.60	1,416.44	1,416.22	1,416.14	1,415.73	1,415.42	1,415.15	1,414.43	1,414.04	1,414.35
29	1,416.93	1,416.70	1,416.60	1,416.42	1,416.20	1,416.14	1,415.71	1,415.42	1,415.14	1,414.40	1,414.02	1,414.34
30	1,416.93	1,416.69	1,416.60	1,416.41	---	1,416.14	1,415.68	1,415.43	1,415.13	1,414.39	1,414.03	1,414.32
31	1,416.92	---	1,416.59	1,416.40	---	1,416.14	---	1,415.44	---	1,414.36	1,414.04	---
Mean	---	1,416.78	---	1,416.49	1,416.29	1,416.17	1,415.91	1,415.51	1,415.18	1,414.74	1,414.15	1,414.29
Max	---	1,416.91	---	1,416.57	1,416.38	1,416.25	1,416.09	1,415.67	1,415.44	1,415.11	1,414.34	1,414.56
Min	---	1,416.68	---	1,416.40	1,416.20	1,416.11	1,415.68	1,415.33	1,414.94	1,414.36	1,414.02	1,413.84

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