

**02098197 B. EVERETT JORDAN LAKE AT DAM NEAR MONCURE, NC**

Cape Fear Basin  
Haw Subbasin

LOCATION.--Lat 35°39'17", long 79°04'06" referenced to North American Datum of 1983, Chatham County, NC, Hydrologic Unit 03030002, at B. Everett Jordan Dam on Haw River, 0.3 mi downstream of mouth of New Hope River, 2.5 mi north of Moncure, 4.2 mi upstream from mouth of Haw River, and 202.2 mi upstream from mouth of Cape Fear River.

DRAINAGE AREA.--1,689 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--June 1986 to current year. Some records furnished by U.S. Army Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is at NGVD of 1929. U.S. Army Corps of Engineers satellite telemetry at station.

REMARKS.--Lake elevations controlled by reservoir operations at B. Everett Jordan Dam. Lake is used for flood control, water supply, low-flow augmentation, and recreation. Some storage was affected during construction and then operated temporarily as a "dry reservoir" January 1975 to August 1981. Reservoir began filling September 1981 and reached normal pool elevation, 216 ft, February 4, 1982. Total capacity is 32,825,074,000 ft<sup>3</sup> at 240.0 ft, of which 23,454,011,000 ft<sup>3</sup> is controlled flood storage. (Also see station 02098198)

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 233.83 ft, April 15, 2003; minimum elevation, 207.85 ft, November 12, 1986.

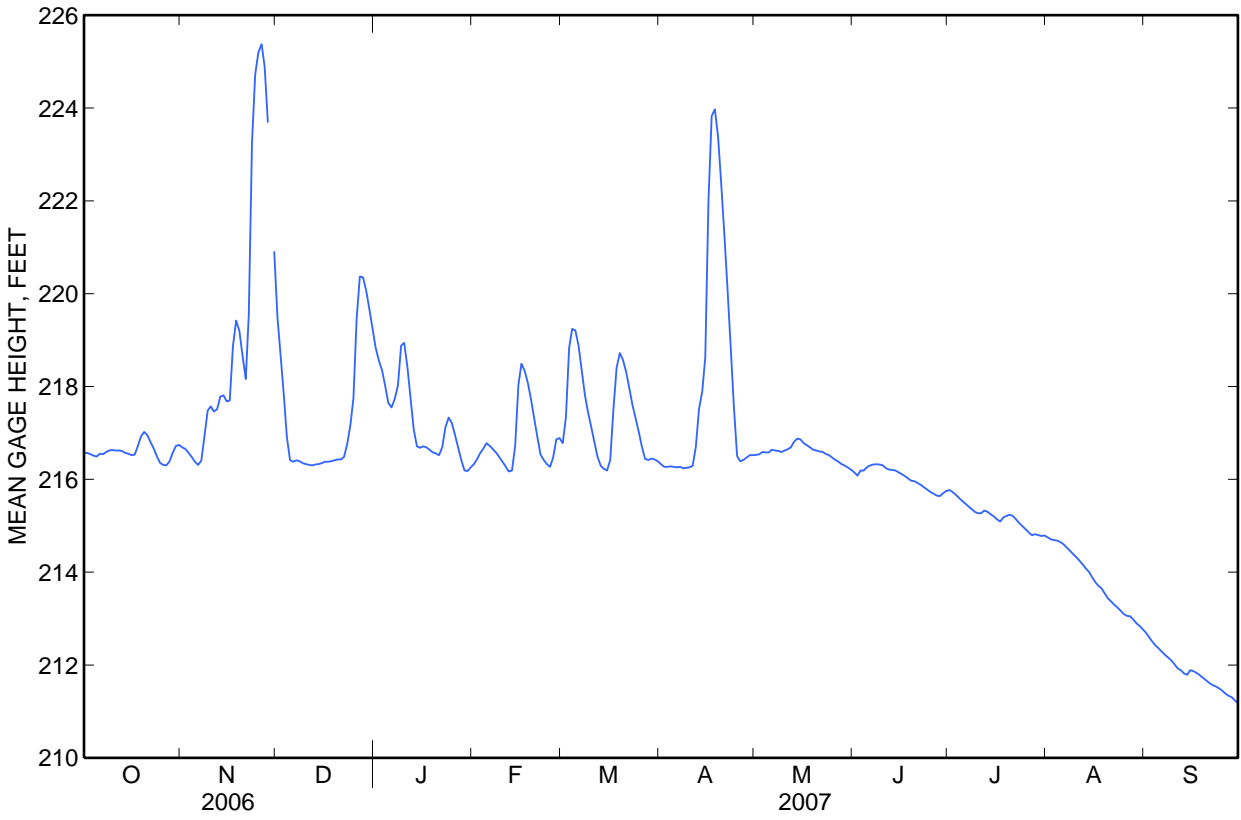
EXTREMES FOR CURRENT YEAR.--Maximum elevation, 225.44 ft, November 26; minimum elevation, 211.13 ft, September 30.

## 02098197 B. EVERETT JORDAN LAKE AT DAM NEAR MONCURE, NC—Continued

**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	216.57	216.69	219.50	218.83	216.33	216.78	216.33	216.53	216.15	215.77	214.75	212.70
2	216.57	216.65	218.66	218.56	216.44	217.34	216.27	216.54	216.08	215.73	214.71	212.60
3	216.54	216.57	217.81	218.35	216.57	218.83	216.27	216.59	216.19	215.67	214.69	212.50
4	216.51	216.48	216.91	218.02	216.67	219.24	216.28	216.58	216.19	215.60	214.68	212.43
5	216.49	216.38	216.41	217.65	216.78	219.21	216.27	216.58	216.26	215.54	214.65	212.36
6	216.55	216.31	216.38	217.55	216.72	218.88	216.26	216.64	216.30	215.48	214.60	212.29
7	216.54	216.40	216.41	217.73	216.65	218.34	216.27	216.62	216.32	215.42	214.53	212.22
8	216.59	216.93	216.39	218.02	216.57	217.81	216.24	216.61	216.32	215.36	214.47	212.16
9	216.62	217.48	216.35	218.88	216.49	217.45	216.25	216.59	216.32	215.30	214.39	212.10
10	216.63	217.57	216.33	218.94	216.38	217.13	216.26	216.62	216.30	215.27	214.32	212.02
11	216.62	217.46	216.31	218.43	216.27	216.80	216.29	216.65	216.24	215.27	214.26	211.93
12	216.62	217.51	216.30	217.75	216.17	216.48	216.70	216.69	216.21	215.33	214.17	211.89
13	216.61	217.78	216.32	217.07	216.19	216.29	217.52	216.81	216.20	215.30	214.08	211.82
14	216.57	217.81	216.33	216.71	216.73	216.23	217.89	216.88	216.19	215.25	214.01	211.79
15	216.55	217.68	216.35	216.68	218.04	216.19	218.63	216.86	216.15	215.20	213.90	211.89
16	216.52	217.70	216.38	216.71	218.49	216.42	222.01	216.78	216.11	215.14	213.79	211.87
17	216.53	218.87	216.38	216.69	218.34	217.52	223.83	216.74	216.07	215.09	213.71	211.83
18	216.72	219.42	216.39	216.64	218.08	218.41	223.97	216.69	216.02	215.18	213.65	211.78
19	216.93	219.20	216.41	216.58	217.72	218.72	223.38	216.64	215.97	215.21	213.54	211.72
20	217.02	218.66	216.43	216.56	217.31	218.58	222.40	216.62	215.96	215.24	213.44	211.67
21	216.95	218.16	216.43	216.52	216.92	218.32	221.29	216.60	215.92	215.21	213.37	211.62
22	216.80	219.55	216.48	216.69	216.54	217.97	220.10	216.59	215.88	215.14	213.30	211.57
23	216.66	223.25	216.76	217.12	216.42	217.60	218.84	216.55	215.83	215.06	213.24	211.54
24	216.49	224.72	217.17	217.33	216.33	217.31	217.55	216.52	215.78	214.99	213.17	211.50
25	216.35	225.20	217.75	217.21	216.27	217.03	216.50	216.47	215.73	214.93	213.10	211.45
26	216.31	225.37	219.46	216.97	216.47	216.70	216.39	216.42	215.69	214.86	213.06	211.39
27	216.30	224.89	220.37	216.69	216.86	216.44	216.42	216.38	215.65	214.80	213.05	211.34
28	216.39	223.70	220.35	216.42	216.89	216.42	216.47	216.33	215.64	214.82	212.98	211.31
29	216.58	---	220.06	216.19	---	216.45	216.52	216.29	215.70	214.80	212.90	211.24
30	216.72	220.90	219.68	216.18	---	216.43	216.52	216.26	215.75	214.78	212.84	211.18
31	216.74	---	219.26	216.26	---	216.39	---	216.20	---	214.79	212.77	---
<b>Mean</b>	216.60	---	217.37	217.29	216.84	217.41	218.06	216.58	216.04	215.21	213.81	211.86
<b>Max</b>	217.02	---	220.37	218.94	218.49	219.24	223.97	216.88	216.32	215.77	214.75	212.70
<b>Min</b>	216.30	---	216.30	216.18	216.17	216.19	216.24	216.20	215.64	214.78	212.77	211.18

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**02098197 B. EVERETT JORDAN LAKE AT DAM NEAR MONCURE, NC—Continued****CLIMATOLOGICAL RECORDS**

PERIOD OF RECORD.--July 2007 to September 2007. Published as "Haw River below B. Everett Jordan Dam near Moncure" (station 02098198), October 1998 to July 2007.

INSTRUMENTATION.--Tipping-bucket raingage. Satellite telemetry at station.

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record; consequently, winter record is poor.

**PRECIPITATION, TOTAL, INCHES**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY SUM VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	0.00	0.00
2	---	---	---	---	---	---	---	---	---	---	0.00	0.01
3	---	---	---	---	---	---	---	---	---	---	0.00	0.00
4	---	---	---	---	---	---	---	---	---	---	0.00	0.01
5	---	---	---	---	---	---	---	---	---	---	0.00	0.00
6	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
7	---	---	---	---	---	---	---	---	---	0.02	0.00	0.00
8	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
9	---	---	---	---	---	---	---	---	---	0.01	0.04	0.01
10	---	---	---	---	---	---	---	---	---	0.35	0.00	0.00
11	---	---	---	---	---	---	---	---	---	0.42	0.00	0.00
12	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
13	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
14	---	---	---	---	---	---	---	---	---	0.00	0.00	1.12
15	---	---	---	---	---	---	---	---	---	0.00	0.00	0.09
16	---	---	---	---	---	---	---	---	---	0.01	0.00	0.00
17	---	---	---	---	---	---	---	---	---	0.35	0.00	0.00
18	---	---	---	---	---	---	---	---	---	0.13	0.00	0.01
19	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
20	---	---	---	---	---	---	---	---	---	0.00	0.00	0.01
21	---	---	---	---	---	---	---	---	---	0.00	0.01	0.01
22	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
23	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
24	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
25	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
26	---	---	---	---	---	---	---	---	---	0.00	0.17	0.00
27	---	---	---	---	---	---	---	---	---	0.68	0.01	0.00
28	---	---	---	---	---	---	---	---	---	0.01	0.00	0.00
29	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
30	---	---	---	---	---	---	---	---	---	0.01	0.01	0.00
31	---	---	---	---	---	---	---	---	---	0.00	0.01	---
<b>Total</b>	---	---	---	---	---	---	---	---	---	---	0.25	1.27

