

CAPE FEAR RIVER BASIN

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

LOCATION.--Lat 35°39'16", long 79°04'06", Chatham County, 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 mi².

PERIOD OF RECORD.--May 1987 to current year.

GAGE.--Water-stage recorder. Datum of gage is sea level. 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, Feb. 4, 1982. Total capacity is 32,825,074,000 ft³ at 240.0 ft, of which 23,454,011,000 ft³ is controlled flood storage. (See station 02098198.)

EXTREMES FOR PERIOD OF RECORD.--Maximum, 233.59 ft, Sept. 8, 1996; minimum, 207.85 ft, Nov. 12, 1986.

EXTREMES FOR CURRENT YEAR.--Maximum, 224.35 ft, Apr. 2; minimum, 212.84 ft, Dec. 17.

COOPERATION.--Some records furnished by U.S. Army Corps of Engineers.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	217.61	214.50	213.52	213.58	214.93	216.25	222.51	216.40	216.81	216.30	216.36	216.83
2	217.07	214.43	213.50	213.55	214.95	216.17	224.04	216.39	217.53	216.23	216.35	216.88
3	216.54	214.37	213.51	213.49	214.96	216.13	224.14	216.38	218.01	216.15	216.32	216.88
4	216.11	214.32	213.41	213.46	214.95	216.40	223.43	216.36	217.83	216.10	216.28	216.87
5	216.06	214.27	213.33	213.43	214.95	216.94	222.26	216.34	217.31	216.41	216.25	216.85
6	216.05	214.21	213.29	213.40	214.93	217.36	220.86	216.36	216.77	216.63	216.20	216.81
7	216.04	214.14	213.24	213.38	214.93	217.34	219.43	216.30	216.35	216.58	216.14	216.76
8	215.99	214.08	213.22	213.37	214.92	217.20	218.21	216.25	216.33	216.46	216.09	216.71
9	215.87	214.01	213.21	213.37	214.89	216.99	217.50	216.22	216.36	216.39	216.02	216.66
10	215.76	213.98	213.19	213.33	214.91	216.75	217.01	216.19	216.35	216.33	215.98	216.55
11	215.72	213.93	213.14	213.33	214.91	216.47	216.67	216.15	216.33	216.29	216.05	216.49
12	215.66	213.86	213.11	213.33	214.92	216.26	216.35	216.12	216.32	216.25	216.51	216.42
13	215.60	213.80	213.07	213.34	214.92	216.25	216.31	216.11	216.35	216.21	216.87	216.36
14	215.56	213.79	213.00	213.31	214.95	216.30	216.26	216.07	216.55	216.15	217.15	216.32
15	215.50	213.75	212.98	213.29	215.00	216.38	216.19	216.05	216.88	216.09	216.88	216.24
16	215.45	213.71	212.97	213.29	215.05	216.47	216.18	216.13	217.03	216.03	216.53	216.15
17	215.39	213.70	213.07	213.27	215.49	216.65	216.17	216.19	217.07	215.96	216.34	216.05
18	215.34	213.65	213.39	213.26	216.70	216.78	216.16	216.24	217.06	215.90	216.27	215.95
19	215.29	213.61	213.58	213.25	217.33	216.83	216.15	216.29	217.02	215.88	216.25	215.87
20	215.23	213.58	213.72	213.38	217.63	216.82	216.16	216.30	216.81	215.83	216.27	215.80
21	215.17	213.55	213.78	213.87	217.78	217.57	216.16	216.29	216.54	215.78	216.28	215.74
22	215.12	213.49	213.85	214.27	217.48	219.21	216.17	216.27	216.39	215.72	216.22	215.71
23	215.07	213.45	213.89	214.49	217.05	219.77	216.18	216.31	216.56	215.65	216.16	215.67
24	214.99	213.41	213.84	214.60	216.83	219.67	216.18	216.29	216.68	215.61	216.17	215.64
25	214.94	213.41	213.85	214.74	216.60	219.22	216.27	216.27	216.88	215.55	216.16	215.72
26	214.89	213.45	213.78	214.77	216.40	218.49	216.33	216.29	216.96	215.50	216.12	215.77
27	214.83	213.55	213.74	214.79	216.35	217.68	216.38	216.41	216.83	215.65	216.09	215.79
28	214.76	213.57	213.74	214.80	216.32	216.90	216.41	216.60	216.66	215.95	216.12	215.78
29	214.70	213.56	213.70	214.79	--	216.84	216.42	216.69	216.50	216.16	216.09	215.74
30	214.63	213.57	213.66	214.79	--	219.18	216.42	216.70	216.40	216.24	216.11	215.69
31	214.56	--	213.61	214.86	--	221.38	--	216.72	--	216.29	216.67	--
MEAN	215.53	213.82	213.45	213.81	215.75	217.38	217.83	216.31	216.78	216.07	216.30	216.22
MAX	217.61	214.50	213.89	214.86	217.78	221.38	224.14	216.72	218.01	216.63	217.15	216.88
MIN	214.56	213.41	212.97	213.25	214.89	216.13	216.15	216.05	216.32	215.50	215.98	215.64

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