

**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 National Geodetic Vertical Datum 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.

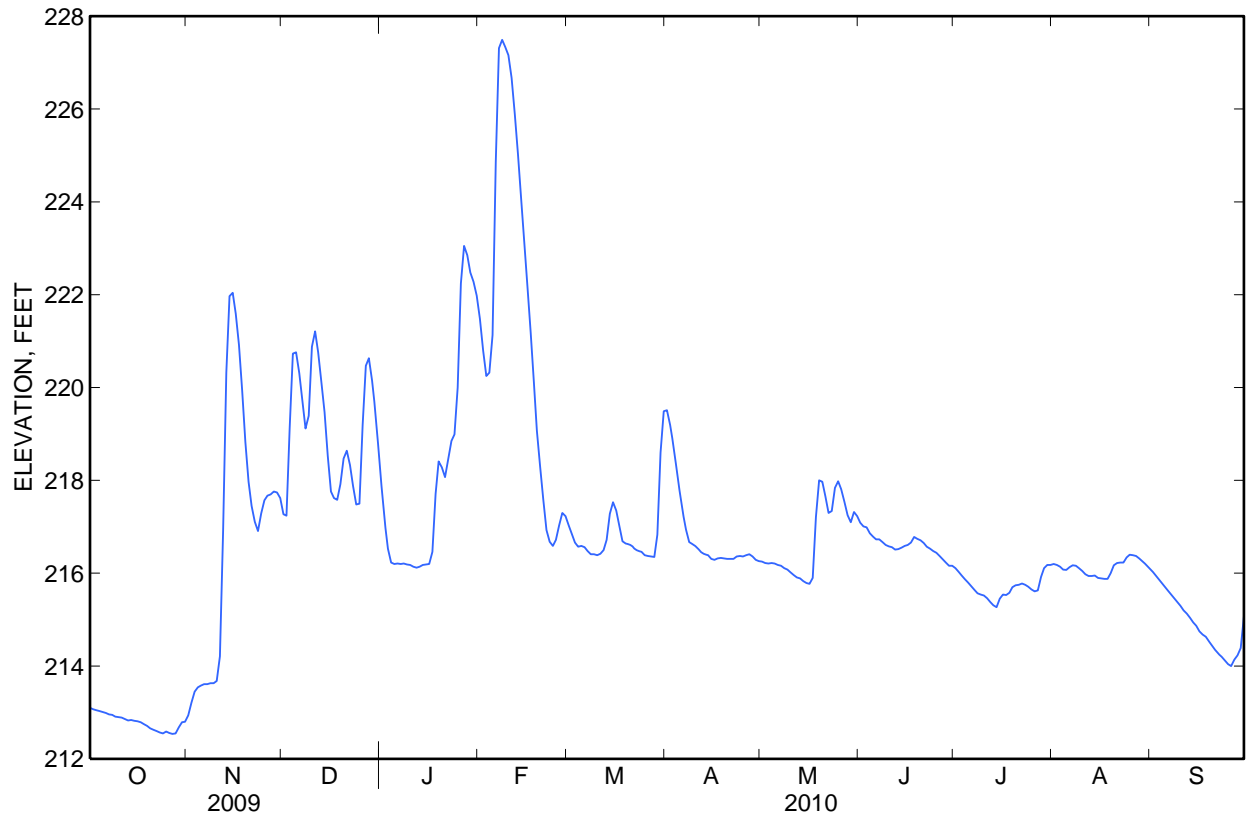
EXTREMES FOR CURRENT YEAR.--Maximum elevation, 227.54 ft, February 7, 8; minimum elevation, 212.48 ft, October 24.

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

**ELEVATION, FEET**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	213.10	212.94	217.27	217.88	221.48	217.03	219.51	216.25	217.09	216.11	216.20	216.05
2	213.07	213.21	217.24	217.09	220.80	216.85	219.19	216.22	217.01	216.03	216.18	215.98
3	213.05	213.45	219.13	216.53	220.25	216.66	218.76	216.21	216.99	215.95	216.14	215.89
4	213.03	213.54	220.73	216.23	220.32	216.57	218.29	216.22	216.86	215.87	216.08	215.81
5	213.01	213.58	220.76	216.20	221.13	216.59	217.77	216.21	216.79	215.80	216.07	215.72
6	212.99	213.61	220.31	216.21	224.85	216.56	217.32	216.18	216.73	215.72	216.13	215.63
7	212.96	213.61	219.73	216.20	227.31	216.48	216.94	216.16	216.73	215.64	216.17	215.54
8	212.95	213.63	219.12	216.21	227.49	216.41	216.67	216.11	216.67	215.57	216.16	215.45
9	212.91	213.63	219.39	216.19	227.34	216.41	216.63	216.08	216.61	215.54	216.11	215.38
10	212.90	213.68	220.88	216.18	227.16	216.39	216.58	216.02	216.58	215.52	216.05	215.30
11	212.89	214.21	221.21	216.14	226.67	216.42	216.52	215.96	216.56	215.46	215.98	215.20
12	212.86	216.92	220.76	216.12	225.89	216.50	216.44	215.91	216.51	215.38	215.94	215.13
13	212.83	220.32	220.12	216.14	225.02	216.72	216.41	215.89	216.52	215.31	215.94	215.04
14	212.84	221.97	219.47	216.18	224.10	217.28	216.39	215.83	216.55	215.27	215.95	214.94
15	212.82	222.04	218.53	216.19	223.14	217.53	216.31	215.79	216.59	215.45	215.90	214.87
16	212.81	221.59	217.76	216.20	222.18	217.35	216.29	215.77	216.61	215.54	215.89	214.75
17	212.79	220.92	217.62	216.46	221.20	217.01	216.32	215.90	216.66	215.53	215.88	214.68
18	212.75	219.94	217.58	217.71	220.13	216.69	216.33	217.21	216.78	215.58	215.88	214.63
19	212.71	218.83	217.92	218.41	219.07	216.64	216.32	218.00	216.74	215.70	216.00	214.52
20	212.66	217.97	218.47	218.28	218.31	216.62	216.31	217.97	216.71	215.74	216.17	214.44
21	212.63	217.45	218.64	218.07	217.59	216.59	216.31	217.66	216.65	215.75	216.22	214.35
22	212.60	217.11	218.33	218.46	216.93	216.51	216.31	217.30	216.57	215.78	216.23	214.26
23	212.57	216.91	217.88	218.85	216.68	216.49	216.36	217.34	216.53	215.75	216.23	214.20
24	212.55	217.29	217.48	218.99	216.59	216.46	216.37	217.84	216.48	215.71	216.34	214.12
25	212.59	217.57	217.50	220.00	216.72	216.39	216.36	217.98	216.44	215.65	216.40	214.04
26	212.56	217.67	219.19	222.24	217.03	216.37	216.39	217.81	216.37	215.61	216.39	214.00
27	212.54	217.70	220.47	223.05	217.30	216.36	216.41	217.54	216.30	215.63	216.37	214.14
28	212.55	217.76	220.63	222.85	217.23	216.35	216.36	217.25	216.23	215.92	216.32	214.23
29	212.68	217.74	220.15	222.48	---	216.83	216.29	217.10	216.16	216.11	216.25	214.39
30	212.79	217.62	219.44	222.28	---	218.60	216.26	217.32	216.16	216.18	216.19	215.07
31	212.80	---	218.69	221.98	---	219.49	---	217.23	---	216.18	216.12	---
<b>Mean</b>	212.80	216.81	219.11	218.13	221.43	216.81	216.82	216.72	216.61	215.71	216.13	214.93
<b>Max</b>	213.10	222.04	221.21	223.05	227.49	219.49	219.51	218.00	217.09	216.18	216.40	216.05
<b>Min</b>	212.54	212.94	217.24	216.12	216.59	216.35	216.26	215.77	216.16	215.27	215.88	214.00

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



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

PERIOD OF RECORD.--October 1998 to current year. Prior to July 2007, published as "Haw River below B. Everett Jordan Dam near Moncure", station number 02098198.

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

REMARKS.--Precipitation data collected during freezing periods may not be accurately reflected in daily record.

**PRECIPITATION, TOTAL, INCHES**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**  
**DAILY SUM VALUES**

<b>Day</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>1</b>	0.00	0.44	0.00	0.01	---	---	0.00	0.00	0.92	0.00	0.34	0.00
<b>2</b>	0.00	0.00	2.30	0.00	---	---	0.00	0.00	0.17	0.00	0.00	0.00
<b>3</b>	0.00	0.00	0.00	0.00	---	---	0.00	0.00	0.00	0.00	0.00	0.00
<b>4</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>5</b>	0.14	0.00	0.20	0.00	1.48	0.00	0.00	0.00	0.00	0.00	0.20	0.00
<b>6</b>	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.01	0.00
<b>7</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00
<b>8</b>	0.00	0.00	0.48	0.03	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00
<b>9</b>	0.00	0.00	0.26	0.00	0.44	0.00	0.01	0.00	0.00	1.20	0.00	0.00
<b>10</b>	0.01	0.75	0.00	0.00	0.01	0.05	0.00	0.00	0.00	0.07	0.00	0.00
<b>11</b>	0.08	1.13	0.00	0.00	---	0.11	0.00	0.01	0.00	0.00	0.00	0.03
<b>12</b>	0.10	0.18	0.00	0.00	---	0.13	0.00	0.00	0.03	0.01	0.08	0.00
<b>13</b>	0.01	0.00	0.21	0.00	---	0.59	0.00	0.00	0.14	0.00	0.04	0.00
<b>14</b>	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
<b>15</b>	0.00	0.00	0.01	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>16</b>	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.01	0.00	0.00	0.00
<b>17</b>	0.00	0.00	0.00	1.32	0.00	0.00	0.00	0.76	0.00	0.78	0.03	0.00
<b>18</b>	0.00	0.00	0.44	0.01	0.00	0.00	0.00	0.07	0.00	0.07	0.00	0.00
<b>19</b>	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.59	0.00	0.01	1.43	0.00
<b>20</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00
<b>21</b>	0.00	0.00	0.00	0.65	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00
<b>22</b>	0.00	0.24	0.00	0.00	0.29	0.00	0.00	0.46	0.00	0.00	0.06	0.00
<b>23</b>	0.01	0.41	0.00	0.00	0.03	0.00	0.00	0.46	0.13	0.00	0.02	0.00
<b>24</b>	0.41	0.00	0.00	0.10	0.09	0.00	0.08	0.45	0.00	0.00	1.74	0.00
<b>25</b>	0.00	0.01	1.00	0.95	0.00	0.00	0.38	0.00	0.00	0.00	0.07	0.00
<b>26</b>	0.00	0.01	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	1.24
<b>27</b>	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.62	0.00	1.54
<b>28</b>	0.13	0.00	0.00	---	0.00	0.06	0.01	0.06	0.00	0.01	0.00	0.10
<b>29</b>	0.00	0.00	0.00	---	---	1.34	0.00	0.02	0.01	0.00	0.00	1.16
<b>30</b>	0.00	0.09	0.09	---	---	0.00	0.00	0.00	0.34	0.00	0.00	1.30
<b>31</b>	0.01	---	0.12	---	---	0.00	---	0.00	---	0.00	0.00	---
<b>Total</b>	1.25	3.26	5.23	---	---	---	0.65	3.17	2.15	4.86	4.10	5.37

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

