

Water-Data Report 2007

**02104000 CAPE FEAR RIVER AT FAYETTEVILLE, NC**

Cape Fear Basin  
Upper Cape Fear Subbasin

LOCATION.--Lat 35°03'02", long 78°51'30" referenced to North American Datum of 1983, Cumberland County, NC, Hydrologic Unit 03030004, at North Carolina Highway 24 bridge at Fayetteville, 0.3 mi upstream of Atlantic Coast Railroad bridge, 0.1 mi downstream of Cross Creek.

DRAINAGE AREA.--4,395 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Discharge records January 1889 to September 1917, and October 1928 to September 1940. October 1986 to current year.

GAGE.--Water-stage recorder. Datum of gage is 20.52 ft above NGVD of 1929. Prior to March 4, 2003, at site 0.2 mi downstream at same datum. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 46.17 ft, September 7, 1996; minimum gage height not determined.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height, 48.3 ft, September 24, 1945.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 38.17 ft, November 23; minimum gage height, 9.24 ft, September 30.

## 02104000 CAPE FEAR RIVER AT FAYETTEVILLE, NC—Continued

**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY MEAN 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>	10.25	10.99	24.66	17.21	12.38	14.73	12.46	10.64	9.54	11.47	9.99	9.46
<b>2</b>	10.20	10.94	22.37	17.10	13.62	15.07	12.30	10.52	9.66	11.00	9.79	9.55
<b>3</b>	9.99	10.82	20.66	17.55	14.70	23.16	12.01	10.39	10.15	10.54	9.65	9.62
<b>4</b>	9.94	10.72	20.26	17.40	14.88	25.71	11.72	10.23	10.96	10.22	9.71	9.63
<b>5</b>	9.90	10.66	18.31	16.82	14.08	21.86	11.65	10.28	10.73	10.06	9.69	9.50
<b>6</b>	9.88	10.63	14.81	17.70	13.54	18.63	11.34	10.25	10.37	9.96	9.64	9.41
<b>7</b>	9.91	10.87	13.30	21.61	13.54	17.75	11.04	10.17	10.20	9.94	9.62	9.39
<b>8</b>	10.08	12.92	12.76	21.90	13.31	17.21	10.91	10.15	10.10	9.90	9.57	9.39
<b>9</b>	10.30	16.36	12.34	24.31	13.16	15.98	10.79	10.16	10.03	9.87	9.59	9.35
<b>10</b>	10.32	16.11	12.16	24.32	13.06	14.95	10.64	10.27	9.95	9.87	9.62	9.33
<b>11</b>	10.31	15.01	12.05	21.97	12.94	14.73	10.60	10.32	9.95	9.95	9.62	9.32
<b>12</b>	10.24	14.37	12.03	20.70	12.83	14.62	11.22	10.21	9.94	10.05	9.61	9.32
<b>13</b>	10.20	15.16	11.89	19.65	12.54	14.12	14.32	10.28	9.89	10.19	9.58	9.34
<b>14</b>	10.12	15.74	11.79	17.65	12.87	12.98	15.59	10.70	10.01	10.08	9.55	9.36
<b>15</b>	10.10	15.08	11.72	14.99	18.65	12.46	14.21	10.97	10.00	9.98	9.56	10.59
<b>16</b>	10.03	16.60	11.61	13.74	18.87	12.65	20.15	10.81	10.02	9.89	9.58	10.44
<b>17</b>	10.02	20.43	11.45	13.46	17.18	19.94	25.87	10.90	10.44	9.86	9.56	9.96
<b>18</b>	10.35	20.35	11.39	13.38	16.82	22.94	24.79	10.77	10.52	9.99	9.54	9.67
<b>19</b>	11.03	18.45	11.32	13.61	16.20	19.40	21.90	10.52	10.30	10.11	9.56	9.53
<b>20</b>	12.13	18.36	11.29	13.74	15.83	18.05	21.78	10.05	10.15	9.98	9.56	9.50
<b>21</b>	11.67	17.77	11.21	13.78	15.52	17.65	21.85	9.86	10.07	9.88	9.53	9.53
<b>22</b>	11.68	24.45	11.31	14.91	15.34	16.62	21.43	9.74	9.98	9.82	9.60	9.53
<b>23</b>	11.54	36.58	12.95	17.07	14.20	15.94	21.02	9.73	9.92	9.79	9.60	9.48
<b>24</b>	11.39	36.71	16.43	17.41	12.88	15.30	20.72	9.71	9.87	9.75	9.60	9.41
<b>25</b>	11.29	35.32	17.02	16.87	12.68	14.72	19.99	9.65	9.83	9.71	9.55	9.36
<b>26</b>	10.91	30.35	26.02	16.35	13.08	14.50	15.11	9.69	9.81	9.69	9.52	9.34
<b>27</b>	10.31	24.19	29.14	15.69	15.08	14.34	11.72	9.71	9.75	9.69	9.56	9.33
<b>28</b>	10.81	24.54	26.96	15.26	15.53	13.13	11.06	9.70	9.87	9.71	9.55	9.32
<b>29</b>	11.13	25.43	23.17	15.00	---	12.23	10.89	9.64	9.96	9.81	9.52	9.30
<b>30</b>	11.29	25.04	20.02	13.68	---	12.29	10.74	9.56	10.64	9.84	9.50	9.27
<b>31</b>	11.23	---	18.02	12.51	---	12.39	---	9.57	---	9.90	9.47	---
<b>Mean</b>	10.60	19.03	16.14	17.01	14.48	16.32	15.33	10.17	10.09	10.02	9.60	9.52
<b>Max</b>	12.13	36.71	29.14	24.32	18.87	25.71	25.87	10.97	10.96	11.47	9.99	10.59
<b>Min</b>	9.88	10.63	11.21	12.51	12.38	12.23	10.60	9.56	9.54	9.69	9.47	9.27

02104000 CAPE FEAR RIVER AT FAYETTEVILLE, NC—Continued

