



Water-Data Report 2010

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 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1986 to current year. January 1889 to September 1917, October 1928 to September 1940, daily discharges.

GAGE.--Water-stage recorder. Datum of gage is 20.52 ft above National Geodetic Vertical Datum 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, 37.98 ft, February 9; minimum gage height, 9.48 ft, October 25.

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GAGE HEIGHT, 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	9.70	9.76	13.84	19.97	18.29	14.86	18.58	10.11	13.53	10.26	10.21	9.71
2	9.61	10.05	13.96	19.76	19.72	14.64	17.70	9.88	14.44	10.16	10.02	9.73
3	9.57	10.05	16.27	18.11	21.57	15.07	16.91	9.83	15.20	10.08	9.95	9.82
4	9.56	10.0	23.21	16.03	24.56	16.39	16.39	9.87	15.38	10.01	9.97	9.73
5	9.61	10.17	22.71	14.14	23.98	17.38	16.07	9.91	13.59	9.92	9.92	9.67
6	9.74	10.09	21.76	12.84	31.55	16.54	15.43	9.85	12.00	9.80	9.90	9.67
7	9.76	10.07	20.99	12.51	36.97	15.32	14.64	9.77	11.34	9.77	9.99	9.69
8	9.70	9.92	19.91	12.35	36.95	14.51	13.82	9.72	10.93	9.75	9.79	9.68
9	9.69	9.92	18.20	12.23	37.44	13.71	13.16	9.61	10.71	9.90	9.76	9.72
10	9.63	10.01	21.39	12.09	32.96	13.16	13.01	9.57	10.45	10.21	9.77	9.72
11	9.54	12.19	23.14	12.09	28.91	12.90	12.77	9.58	10.34	10.32	9.77	9.64
12	9.61	---	22.44	12.08	27.15	13.13	12.70	9.57	10.20	10.10	9.76	9.64
13	9.71	---	21.51	11.79	26.03	14.39	12.27	9.62	10.09	10.03	9.71	9.66
14	9.65	23.79	20.70	11.40	25.03	17.68	11.77	9.64	10.12	10.11	9.66	9.71
15	9.81	24.44	22.15	11.30	24.26	18.54	11.56	9.58	10.09	10.03	9.58	9.65
16	9.84	22.05	22.02	11.48	23.69	18.07	11.21	9.59	10.11	10.05	9.78	9.65
17	9.78	19.85	17.48	12.26	23.15	17.51	10.74	10.34	10.41	10.04	9.89	9.70
18	9.67	19.63	14.52	17.86	22.70	16.76	10.49	11.38	10.40	10.21	9.75	9.66
19	9.62	20.04	14.18	21.16	22.25	14.95	10.40	12.47	10.52	10.32	10.29	9.63
20	9.65	18.98	17.04	20.02	20.19	13.38	10.41	15.48	10.50	10.15	11.00	9.64
21	9.63	16.43	17.45	19.08	18.38	13.06	10.44	15.93	10.41	10.17	10.93	9.65
22	9.63	14.45	17.98	19.76	18.14	12.89	10.46	14.84	10.33	10.09	10.43	9.64
23	9.60	13.90	18.17	23.30	17.09	12.78	10.42	13.11	10.23	10.0	10.46	9.61
24	9.59	14.55	17.61	22.04	16.35	12.64	10.29	12.66	10.04	9.90	10.63	9.63
25	9.52	16.64	15.45	20.10	15.80	12.57	10.33	13.34	9.91	9.78	11.35	9.59
26	9.54	15.53	17.02	25.98	14.53	12.47	10.56	13.67	10.23	9.76	11.23	9.71
27	9.61	13.97	23.37	27.66	14.02	12.26	10.78	13.36	10.34	9.84	10.45	11.65
28	9.76	13.31	23.39	27.31	14.12	11.85	10.76	12.97	10.25	10.61	10.03	12.82
29	9.77	12.90	21.47	24.25	---	13.97	10.73	13.26	10.15	11.40	9.78	11.76
30	9.69	12.82	20.81	20.70	---	17.85	10.54	13.32	10.23	11.40	9.82	14.74
31	9.66	---	20.12	18.37	---	19.23	---	13.08	---	10.71	9.79	---
Mean	9.66	---	19.36	17.42	23.42	14.85	12.51	11.45	11.08	10.16	10.11	10.08
Max	9.84	---	23.39	27.66	37.44	19.23	18.58	15.93	15.38	11.40	11.35	14.74
Min	9.52	---	13.84	11.30	14.02	11.85	10.29	9.57	9.91	9.75	9.58	9.59

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