

NEUSE RIVER BASIN

02087570 NEUSE RIVER AT SMITHFIELD, NC

LOCATION.--Lat 35°30'46", long 78°21'00", Johnston County, Hydrologic Unit 03020201, on left bank 10 ft downstream from bridge on U.S. Highway 70, at Smithfield, 2.1 mi upstream from Swift Creek, and 178 mi upstream from mouth.

DRAINAGE AREA.--1,206 mi².

PERIOD OF RECORD.--October 1959 to September 1990, October 1998 to current year (gage heights only).

GAGE.--Water-stage recorder. Datum of gage is 99.26 ft above NGVD of 1929. Prior to Dec. 21, 1971, nonrecording gage on upstream side of bridge near center of span at same datum. U.S. Army Corps of Engineers satellite telemetry at station.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 26.72 ft, Sept. 18, 1999; minimum gage height not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 15.41 ft, Apr. 2; minimum gage height, 3.83 ft, Aug. 15.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.11	4.90	4.18	4.12	5.34	4.64	11.68	4.63	4.30	4.58	4.27	10.65
2	4.88	4.89	4.09	4.14	5.19	4.72	14.17	4.61	4.39	4.30	4.27	9.66
3	4.53	4.90	4.15	4.24	5.02	6.23	10.14	4.65	4.61	4.27	4.21	6.72
4	4.56	4.87	4.13	4.48	4.95	6.20	7.64	4.71	4.26	4.21	4.22	5.63
5	4.47	4.81	4.10	4.60	4.89	5.40	6.11	5.19	4.17	4.16	4.14	5.16
6	4.53	4.90	4.08	5.09	4.82	4.98	5.84	5.13	4.15	4.32	4.12	4.78
7	5.44	4.71	4.10	8.67	6.26	4.92	5.65	4.84	4.26	4.40	4.09	4.55
8	5.02	4.53	4.07	7.80	9.54	4.85	5.47	4.72	4.39	4.12	4.07	4.42
9	4.68	4.40	4.04	6.21	7.90	4.80	5.38	4.67	4.23	4.12	4.07	4.35
10	4.64	4.35	4.07	5.48	6.67	4.75	5.38	4.63	4.13	4.11	4.04	4.31
11	4.75	4.25	5.48	5.32	6.10	4.67	6.24	4.52	4.41	5.05	4.02	4.40
12	4.73	4.23	7.92	5.23	5.70	4.60	5.65	4.29	4.29	6.95	4.04	4.31
13	4.70	4.28	5.44	5.28	5.44	4.65	5.39	4.26	4.23	5.17	4.02	4.23
14	4.69	4.20	4.74	5.58	5.29	4.82	5.30	4.40	4.23	4.59	4.03	4.25
15	6.56	4.24	4.48	5.08	5.13	4.83	5.25	4.57	4.27	4.66	3.95	4.66
16	6.80	4.25	4.34	4.92	5.02	4.70	5.16	4.29	4.22	4.55	4.78	5.27
17	5.28	4.18	4.27	4.70	5.04	4.65	5.12	4.26	4.16	4.38	5.00	8.21
18	4.95	4.31	4.33	4.57	4.94	5.10	4.98	4.25	4.19	4.15	4.64	6.27
19	4.71	4.24	4.79	4.65	4.83	5.18	5.03	4.40	4.16	4.27	5.21	5.29
20	4.65	4.23	4.47	10.66	4.85	4.91	5.33	4.37	4.17	4.61	5.35	5.03
21	4.59	4.24	4.31	12.32	4.84	5.04	5.31	4.27	4.15	4.56	4.58	4.78
22	4.75	4.23	4.20	9.39	4.87	5.51	5.09	4.20	4.18	4.73	4.21	4.56
23	4.80	4.21	4.14	9.08	4.82	5.14	4.95	4.16	4.18	4.25	4.18	4.44
24	4.71	4.58	4.16	14.48	4.79	4.85	4.86	4.21	4.21	4.48	4.15	4.34
25	4.61	5.39	4.30	13.57	4.79	4.72	4.81	4.20	4.21	4.78	4.15	4.26
26	4.61	5.13	4.24	11.53	4.75	4.66	4.84	4.26	4.33	7.50	4.83	4.23
27	4.54	4.73	4.21	9.54	4.76	5.50	4.79	4.54	4.63	7.41	8.60	4.33
28	4.50	4.37	4.18	7.45	4.77	6.93	4.99	4.58	5.09	5.72	6.11	4.35
29	4.51	4.26	4.16	6.19	---	5.93	4.79	4.59	5.64	4.96	5.35	4.30
30	4.47	4.18	4.14	5.76	---	5.36	4.71	4.56	5.65	4.59	5.00	4.19
31	4.90	---	4.15	5.47	---	5.47	---	4.42	---	4.37	8.31	---
MEAN	4.86	4.50	4.43	6.95	5.40	5.12	6.00	4.50	4.38	4.78	4.71	5.20
MAX	6.80	5.39	7.92	14.48	9.54	6.93	14.17	5.19	5.65	7.50	8.60	10.65
MIN	4.47	4.18	4.04	4.12	4.75	4.60	4.71	4.16	4.13	4.11	3.95	4.19

02087570 NEUSE RIVER AT SMITHFIELD, NC--Continued

