

## 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 mi<sup>2</sup>.

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 sea level. 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, 26.72 ft, Sept. 18, 1999; minimum not determined.

EXTREMES FOR CURRENT YEAR.--Maximum, 16.37 ft, Apr. 2, 3; minimum, 4.22 ft, Sept. 15, 16.

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	5.69	4.54	5.04	4.85	5.11	5.15	12.74	5.52	5.22	4.87	5.34	6.39
2	5.49	4.60	4.97	4.85	4.94	5.07	15.53	5.45	10.63	4.68	5.09	---
3	5.34	4.61	5.01	4.82	4.85	5.07	15.15	5.36	10.55	4.90	4.95	---
4	5.20	4.57	5.02	4.82	4.82	6.88	12.59	5.30	8.15	4.97	4.66	---
5	5.12	4.60	5.15	4.81	5.07	9.81	10.98	5.23	7.77	7.90	4.92	4.87
6	5.06	4.65	4.94	4.84	5.55	8.28	11.27	5.30	6.66	8.73	5.50	4.75
7	4.98	4.70	4.92	4.86	5.17	7.80	12.52	5.16	5.31	8.30	4.92	4.58
8	4.89	4.70	4.87	4.87	4.99	7.24	13.59	5.12	5.13	9.31	4.93	4.54
9	4.82	4.74	4.73	5.04	4.90	6.95	14.14	5.08	4.99	6.49	4.93	4.77
10	4.80	4.78	4.89	4.99	4.88	6.77	14.30	5.09	4.86	5.27	4.88	4.89
11	4.81	4.79	4.89	4.88	4.92	6.64	14.30	5.16	5.11	6.41	5.03	5.78
12	4.80	4.73	4.82	4.86	4.89	6.13	14.27	5.13	5.08	6.67	6.86	5.85
13	4.77	4.71	4.85	4.87	5.30	5.29	14.36	5.14	5.07	7.37	8.34	4.83
14	4.71	4.83	4.86	4.85	5.57	5.21	14.38	5.18	5.80	4.93	10.11	4.54
15	4.69	5.68	4.85	4.84	5.63	5.21	14.33	5.05	8.38	4.67	12.36	4.40
16	4.66	5.22	4.59	4.86	5.42	6.02	14.26	5.72	8.67	4.50	12.65	4.62
17	4.68	4.88	6.80	4.81	6.16	5.67	14.20	6.39	11.71	4.52	10.45	4.96
18	4.68	4.82	7.94	4.79	8.86	5.32	14.14	5.71	11.77	4.51	7.01	4.98
19	4.69	4.84	6.29	4.81	6.97	5.13	13.95	5.57	9.17	4.50	5.56	4.77
20	4.69	5.38	5.78	5.27	6.12	5.10	11.59	5.43	7.14	4.69	5.96	4.76
21	4.66	5.64	5.63	6.67	5.65	10.94	8.27	5.73	5.27	4.52	5.60	4.84
22	4.64	5.18	5.36	5.76	5.64	15.43	7.37	5.71	5.17	4.60	5.34	4.80
23	4.64	4.96	5.26	5.32	5.89	13.94	10.49	5.39	5.32	4.71	5.04	4.72
24	4.64	4.82	5.12	5.13	5.68	11.70	11.50	5.14	6.08	4.59	4.70	4.92
25	4.64	4.95	5.02	5.04	5.47	10.84	11.55	5.00	6.05	4.97	4.91	6.46
26	4.63	7.29	4.93	---	5.52	11.54	12.11	4.98	5.54	5.04	4.79	5.80
27	4.61	7.20	4.94	---	5.42	12.34	11.04	5.24	5.23	7.29	4.72	4.60
28	4.57	5.91	4.98	---	5.28	12.55	8.34	5.08	5.31	12.49	4.84	4.47
29	4.55	5.40	4.94	---	---	12.43	6.07	5.35	5.30	9.39	4.80	4.81
30	4.56	5.19	4.92	4.85	---	14.77	5.85	5.40	4.98	7.95	4.84	5.02
31	4.54	---	4.87	5.29	---	14.17	---	5.15	---	6.73	5.19	---
TOTAL	149.25	152.91	161.18	---	154.67	265.39	365.18	165.26	201.42	190.47	189.22	---
MEAN	4.81	5.10	5.20	---	5.52	8.56	12.17	5.33	6.71	6.14	6.10	---
MAX	5.69	7.29	7.94	---	8.86	15.43	15.53	6.39	11.77	12.49	12.65	---
MIN	4.54	4.54	4.59	---	4.82	5.07	5.85	4.98	4.86	4.50	4.66	---

02087570 NEUSE RIVER AT SMITHFIELD, NC--Continued

