

NEUSE RIVER BASIN

02090960 NAHUNTA SWAMP NEAR PIKEVILLE, NC

LOCATION.--Lat 35°30'49", long 77°58'53", Wayne County, Hydrologic Unit 03020203, on left downstream side of bridge on U.S. Highway 117, 0.2 mi downstream from Seaboard Coast Railroad and 1.1 mi north of Pikeville.

DRAINAGE AREA.--19.0 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Partial-record station 1953, 1964-1968. September 2000 to current year.

REVISED RECORD.--WDR NC-96-1: 1945(M).

GAGE.--Water-stage recorder. Datum of gage is 88.48 ft above NGVD of 1929. Satellite telemetry at station.

REMARKS.--Records poor. No flow for part of June 27, 2002.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.3	3.4	4.6	2.5	e4.1	e4.9	117	6.1	0.47	e1.5	0.78	6.9
2	3.1	3.5	4.0	2.4	e3.6	e7.8	49	6.0	0.38	e0.72	0.66	4.5
3	2.6	3.5	3.7	5.6	e3.2	29	27	5.9	0.30	e0.38	0.57	2.9
4	2.5	3.6	3.9	5.9	e2.9	18	23	7.0	0.23	e0.21	0.48	2.1
5	2.4	4.2	3.7	5.7	e3.0	14	21	11	0.20	e0.06	0.42	1.6
6	7.4	2.9	3.6	25	e2.4	12	19	9.2	0.17	e0.02	0.38	1.4
7	12	2.9	3.6	35	e36	11	18	7.1	0.51	e1.5	0.34	1.1
8	8.2	3.2	3.6	20	e65	10	17	6.0	0.31	e1.5	0.31	0.89
9	6.0	3.4	3.4	14	e35	9.7	16	5.5	0.21	e0.96	0.28	0.80
10	4.5	3.7	3.3	13	e23	9.4	40	4.8	0.12	e0.62	0.23	0.80
11	3.8	4.4	6.8	13	e24	8.2	29	4.3	0.08	0.60	0.22	0.75
12	3.7	4.0	5.9	11	e19	9.0	22	4.1	0.07	0.58	0.23	0.62
13	3.2	4.2	5.2	23	e15	12	20	4.4	0.05	0.53	0.22	0.58
14	3.1	4.6	4.6	16	e13	15	18	6.1	0.05	2.7	0.19	3.6
15	2.9	5.6	4.0	14	e12	13	18	4.6	0.05	2.9	0.24	3.3
16	2.7	5.4	3.7	11	e11	12	17	3.8	0.04	1.1	0.26	10
17	2.6	5.0	3.6	9.1	e11	12	15	3.1	0.03	0.75	0.29	7.6
18	2.3	4.7	4.3	8.2	e9.9	10	13	3.6	0.03	0.61	0.35	4.9
19	2.3	5.1	4.0	12	e9.7	9.8	12	4.2	0.03	0.52	0.30	3.1
20	2.6	5.6	3.5	41	e9.0	9.4	14	3.7	0.03	0.44	1.6	2.3
21	2.9	5.5	3.3	27	e10	12	13	3.4	0.02	0.41	1.2	1.7
22	2.6	5.2	3.1	23	e9.3	14	12	3.1	0.02	0.37	0.69	1.6
23	2.5	5.3	3.3	e98	e7.4	14	10	2.6	0.02	0.39	0.58	1.8
24	2.4	17	3.4	e112	e7.4	14	9.2	2.3	0.02	0.64	0.59	1.6
25	2.6	14	3.1	e45	e6.3	13	8.8	1.8	0.01	3.2	0.66	1.4
26	2.8	8.9	3.0	e24	e5.4	13	8.7	1.5	0.01	7.0	6.4	1.8
27	2.7	6.3	2.7	e13	e5.6	18	8.0	1.1	e0.01	6.1	2.0	2.4
28	2.6	5.0	2.7	e8.7	e5.4	17	8.8	0.92	e2.3	3.3	7.5	2.6
29	2.9	4.6	2.6	e6.9	---	16	7.7	0.77	e4.9	1.7	11	2.4
30	3.2	4.5	2.5	e5.6	---	15	6.5	0.76	e2.9	1.2	4.8	1.9
31	3.3	---	2.5	e5.0	---	37	---	0.61	---	0.98	4.8	---
TOTAL	111.7	159.2	115.2	655.6	368.6	419.2	617.7	129.36	13.57	43.49	48.57	78.94
MEAN	3.603	5.307	3.716	21.15	13.16	13.52	20.59	4.173	0.452	1.403	1.567	2.631
MAX	12	17	6.8	112	65	37	117	11	4.9	7.0	11	10
MIN	2.3	2.9	2.5	2.4	2.4	4.9	6.5	0.61	0.01	0.02	0.19	0.58
CFSM	0.19	0.28	0.20	1.11	0.69	0.71	1.08	0.22	0.02	0.07	0.08	0.14
IN.	0.22	0.31	0.23	1.28	0.72	0.82	1.21	0.25	0.03	0.09	0.10	0.15

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2002, BY WATER YEAR (WY)

	2000	2001	2002	2000	2001	2002	2000	2001	2002	2000	2001	2002
MEAN	5.677	6.718	5.574	14.16	12.51	28.74	19.64	6.673	4.385	3.255	7.518	18.79
MAX	7.75	8.13	7.43	21.1	13.2	43.9	20.7	9.07	8.53	4.89	13.6	47.2
(WY)	2001	2001	2001	2002	2002	2001	2002	2001	2001	2001	2001	2000
MIN	3.60	5.31	3.72	7.17	11.9	13.6	18.6	4.28	0.24	1.62	1.47	2.54
(WY)	2002	2002	2002	2001	2001	2002	2001	2002	2002	2002	2002	2002

SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 2000 - 2002

ANNUAL TOTAL	4169.3	2761.13					
ANNUAL MEAN	11.42	7.565	9.946				
HIGHEST ANNUAL MEAN			12.3				
LOWEST ANNUAL MEAN			7.57				
HIGHEST DAILY MEAN	403	Mar 21	117	Apr 1	403	Mar 21	2001
LOWEST DAILY MEAN	1.6	Jul 18	0.01	Jun 25	0.01	Jun 25	2002
ANNUAL SEVEN-DAY MINIMUM	1.9	Jul 16	0.02	Jun 21	0.02	Jun 21	2002
MAXIMUM PEAK FLOW			213	Jan 23	473	Mar 21	2001
MAXIMUM PEAK STAGE			7.15	Jan 23	9.31	Mar 21	2001
INSTANTANEOUS LOW FLOW			0.00*	Jun 27	0.00*	Jun 27	2002
ANNUAL RUNOFF (CFSM)	0.60		0.40		0.52		
ANNUAL RUNOFF (INCHES)	8.16		5.41		7.11		
10 PERCENT EXCEEDS	20		17		18		
50 PERCENT EXCEEDS	5.7		3.7		5.9		
90 PERCENT EXCEEDS	2.6		0.31		0.90		

e Estimated.

* See REMARKS.

02090960 NAHUNTA SWAMP NEAR PIKEVILLE, NC--Continued

