

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 mi<sup>2</sup>.

WATER-DISCHARGE RECORDS

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

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

REMARKS.--Records poor.

DISCHARGE, CUBIC FEET PER SECOND, FOR SEPTEMBER 2000  
DAILY MEAN VALUES

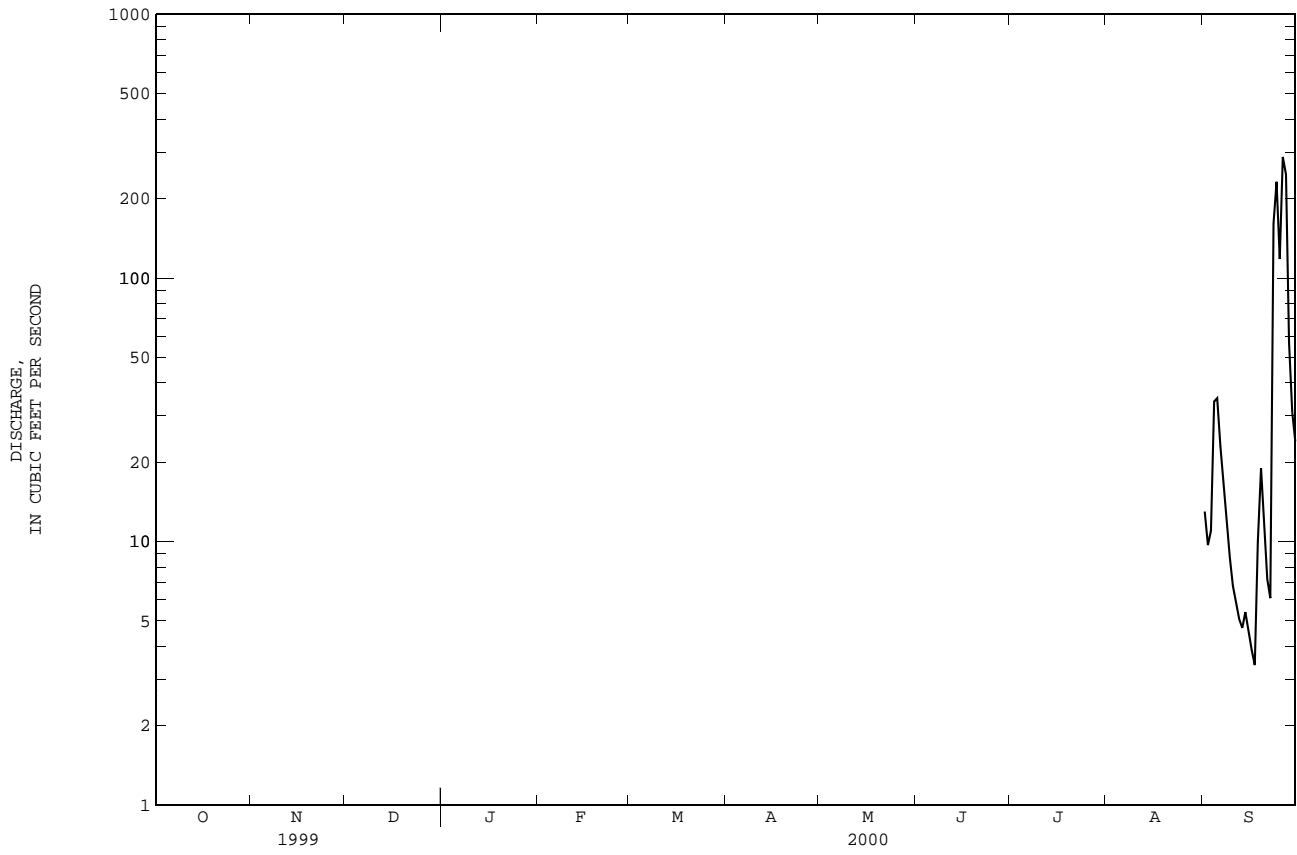
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	---	13
2	---	---	---	---	---	---	---	---	---	---	---	9.7
3	---	---	---	---	---	---	---	---	---	---	---	11
4	---	---	---	---	---	---	---	---	---	---	---	34
5	---	---	---	---	---	---	---	---	---	---	---	35
6	---	---	---	---	---	---	---	---	---	---	---	23
7	---	---	---	---	---	---	---	---	---	---	---	17
8	---	---	---	---	---	---	---	---	---	---	---	12
9	---	---	---	---	---	---	---	---	---	---	---	8.7
10	---	---	---	---	---	---	---	---	---	---	---	6.8
11	---	---	---	---	---	---	---	---	---	---	---	5.9
12	---	---	---	---	---	---	---	---	---	---	---	5.1
13	---	---	---	---	---	---	---	---	---	---	---	4.7
14	---	---	---	---	---	---	---	---	---	---	---	5.4
15	---	---	---	---	---	---	---	---	---	---	---	4.6
16	---	---	---	---	---	---	---	---	---	---	---	3.9
17	---	---	---	---	---	---	---	---	---	---	---	3.4
18	---	---	---	---	---	---	---	---	---	---	---	10
19	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	12
21	---	---	---	---	---	---	---	---	---	---	---	7.2
22	---	---	---	---	---	---	---	---	---	---	---	6.1
23	---	---	---	---	---	---	---	---	---	---	---	161
24	---	---	---	---	---	---	---	---	---	---	---	232
25	---	---	---	---	---	---	---	---	---	---	---	118
26	---	---	---	---	---	---	---	---	---	---	---	288
27	---	---	---	---	---	---	---	---	---	---	---	247
28	---	---	---	---	---	---	---	---	---	---	---	57
29	---	---	---	---	---	---	---	---	---	---	---	31
30	---	---	---	---	---	---	---	---	---	---	---	24
31	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL	---	---	---	---	---	---	---	---	---	---	---	1415.5
MEAN	---	---	---	---	---	---	---	---	---	---	---	47.2
MAX	---	---	---	---	---	---	---	---	---	---	---	288
MIN	---	---	---	---	---	---	---	---	---	---	---	3.4
CFSM	---	---	---	---	---	---	---	---	---	---	---	2.54
IN.	---	---	---	---	---	---	---	---	---	---	---	2.83

SUMMARY STATISTICS

FOR SEPTEMBER 2000

MAXIMUM PEAK FLOW	391	Sep 23
MAXIMUM PEAK STAGE	8.71	Sep 23
INSTANTANEOUS LOW FLOW	2.9	Sep 18

02090960 NAHUNTA SWAMP NEAR PIKEVILLE, NC--Continued



## NEUSE RIVER BASIN

02090960 NAHUNTA SWAMP NEAR PIKEVILLE, NC--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	7.3	6.0	6.0	6.6	11	71	4.9	17	2.2	6.7	8.1
2	17	7.4	5.7	6.0	6.1	9.6	108	4.6	65	2.1	4.3	7.3
3	14	3.9	7.9	5.9	5.7	9.8	51	4.4	21	2.0	3.6	6.5
4	14	2.8	8.2	6.0	5.9	33	36	4.1	10	2.2	3.2	5.3
5	11	3.7	8.9	6.2	14	29	28	3.9	6.9	14	2.7	4.9
6	9.6	3.7	9.2	6.4	13	20	23	3.6	5.3	6.8	2.3	4.2
7	8.9	4.0	8.8	6.2	9.6	15	20	3.6	4.4	4.1	2.2	3.6
8	7.9	4.2	8.5	7.2	8.1	13	18	3.6	3.9	3.5	2.0	3.1
9	8.7	5.2	7.5	8.2	7.7	12	16	3.4	3.7	3.6	2.4	9.8
10	7.5	5.9	6.9	7.4	7.4	10	14	3.4	4.5	3.2	2.7	11
11	6.9	5.3	6.7	8.9	6.7	9.5	13	3.1	3.6	3.1	1.8	9.3
12	6.6	5.4	6.8	7.9	7.7	9.2	12	3.0	3.2	2.6	33	7.1
13	6.0	5.2	5.9	7.6	9.8	11	11	3.5	2.8	2.8	25	5.4
14	5.9	10	9.1	7.6	9.8	10	11	3.5	4.2	2.4	79	4.5
15	5.6	11	9.3	8.8	10	17	9.8	3.1	10	1.9	91	3.8
16	5.1	8.6	8.4	9.2	9.0	24	9.4	5.0	15	1.7	23	3.2
17	5.1	7.0	9.2	9.0	23	16	8.4	5.0	20	1.7	9.5	3.1
18	6.5	5.6	8.0	6.8	21	12	9.3	5.1	11	1.6	7.3	2.8
19	7.1	8.0	7.7	6.3	13	10	8.3	4.7	6.7	2.4	9.6	2.7
20	5.7	15	8.1	9.1	11	18	7.8	4.2	5.0	2.2	10	2.6
21	5.4	8.8	7.7	9.2	14	403	7.7	12	4.2	2.0	28	2.7
22	5.4	e6.2	7.2	7.7	17	203	6.9	7.7	3.6	1.8	16	2.6
23	5.1	e5.4	6.7	7.7	22	62	7.0	5.2	3.3	1.8	8.9	2.7
24	6.6	e5.2	6.5	6.7	19	36	6.3	4.0	3.4	2.8	6.6	8.4
25	8.0	e7.4	6.3	6.2	15	27	8.2	4.0	3.6	3.8	5.4	25
26	5.4	e40	6.0	6.0	16	22	11	59	3.4	3.0	4.4	26
27	5.8	e18	6.5	6.6	13	19	8.3	62	3.3	17	3.7	10
28	5.1	10	6.8	5.8	11	17	7.0	13	3.0	12	3.9	5.8
29	4.4	7.3	6.8	6.1	---	85	6.3	15	2.7	8.3	7.0	4.3
30	4.8	6.4	6.8	6.7	---	133	5.3	12	2.3	22	8.2	3.6
31	6.2	---	6.3	7.0	---	55	---	7.5	---	11	7.1	---
TOTAL	240.3	243.9	230.4	222.4	332.1	1361.1	559.0	281.1	256.0	151.6	420.5	199.4
MEAN	7.75	8.13	7.43	7.17	11.9	43.9	18.6	9.07	8.53	4.89	13.6	6.65
MAX	19	40	9.3	9.2	23	403	108	62	65	22	91	26
MIN	4.4	2.8	5.7	5.8	5.7	9.2	5.3	3.0	2.3	1.6	1.8	2.6
CFSM	.42	.44	.40	.39	.64	2.36	1.00	.49	.46	.26	.73	.36
IN.	.48	.49	.46	.44	.66	2.72	1.12	.56	.51	.30	.84	.40

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2001, BY WATER YEAR (WY)

	2000	2001	2000	2001	2000	2001	2000	2001	2000	2001	2000	2001
MEAN	7.75	8.13	7.43	7.17	11.9	43.9	18.6	9.07	8.53	4.89	13.6	26.9
MAX	7.75	8.13	7.43	7.17	11.9	43.9	18.6	9.07	8.53	4.89	13.6	47.2
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2000
MIN	7.75	8.13	7.43	7.17	11.9	43.9	18.6	9.07	8.53	4.89	13.6	6.65
(WY)	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001	2001

## SUMMARY STATISTICS

## FOR 2001 WATER YEAR

## WATER YEARS 2000 - 2001

ANNUAL TOTAL	4497.8	
ANNUAL MEAN	12.3	12.3
HIGHEST ANNUAL MEAN		12.3
LOWEST ANNUAL MEAN		12.3
HIGHEST DAILY MEAN	403	403
LOWEST DAILY MEAN	1.6	1.6
ANNUAL SEVEN-DAY MINIMUM	1.9	1.9
MAXIMUM PEAK FLOW	473	473
MAXIMUM PEAK STAGE	9.31	9.31
INSTANTANEOUS LOW FLOW	1.4	1.4
ANNUAL RUNOFF (CFSM)	.66	.66
ANNUAL RUNOFF (INCHES)	9.00	9.00
10 PERCENT EXCEEDS	20	23
50 PERCENT EXCEEDS	7.0	7.1
90 PERCENT EXCEEDS	3.0	3.1

e Estimated.

02090960 NAHUNTA SWAMP NEAR PIKEVILLE, NC--Continued

