

NEUSE RIVER BASIN

0209173190 UNNAMED TRIBUTARY TO SANDY RUN NEAR LIZZIE, NC

LOCATION.--Lat 35°31'37", long 77°33'46", Greene County, Hydrologic Unit 03020203, Everet Murphy's farm, approximately 6.0 mi south of Farmville.

DRAINAGE AREA.-- Aproximately 0.57 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is 48.50 ft above sea level. Satellite telemetry at station.

REMARKS.--Records poor. Maximum discharge for period of record from rating curve extended above 10 ft³/s by logarithmic plotting. No flow occurs on many days during most years. Beaver activity present throughout most of the year.

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	.41	.02	.04	e.09	e.07	e.29	e.91	e.06	.72	e.48	e.09	.39
2	.37	.02	.06	e.09	e.06	e.29	e.80	e.05	1.7	e.46	e.06	2.6
3	.29	.02	e.05	e.08	e.06	e.32	e.59	e.05	e.80	e.44	e.06	e.80
4	.25	.02	e.04	e.08	e.19	e.91	e.46	e.05	e.59	.45	e.06	e.27
5	.21	.02	e.04	e.08	e.36	e.87	e.40	e.04	e.46	.99	e.06	e.12
6	.20	.02	e.04	e.08	.16	e.53	e.38	e.04	e.36	.69	e.06	e.12
7	.15	e.02	e.04	e.08	.12	e.40	e.34	e.04	e.27	e.46	e.06	e.12
8	.12	e.02	e.04	e.09	e.09	e.36	e.31	e.04	e.18	e.24	e.06	e.12
9	.10	e.02	e.04	e.09	e.07	e.36	e.29	e.04	e.11	e.15	e.06	e.36
10	.10	e.02	e.04	.07	e.06	e.36	e.26	e.02	e.07	.10	e.06	e.16
11	.08	e.02	e.18	.06	e.06	e.36	e.23	e.02	e.05	.10	e.08	e.08
12	.07	e.02	e.16	e.06	e.07	e.36	e.23	.02	e.03	.17	e1.1	e.04
13	.06	e.02	e.14	e.06	e.07	e.46	e.21	e.02	e.03	e.14	e.91	e.03
14	.06	.03	e.12	e.09	e.06	e.46	e.19	e.02	e.46	e.14	e1.1	e.02
15	.05	e.02	e.11	e.12	e.06	e.53	e.18	e.02	10	e.12	e.46	e.02
16	.05	e.02	e.09	e.11	e.06	e.48	e.16	.03	4.0	e.12	e.27	e.02
17	.05	e.02	e.11	e.11	e.32	e.46	e.15	e.02	3.9	e.12	e.16	e.02
18	.03	e.02	e.11	e.11	e.24	e.46	e.12	e.04	e1.5	e.12	.19	e.02
19	.02	e.26	e.11	.13	e.21	e.46	e.09	.01	e.91	e.12	.28	e.02
20	.02	e.05	e.11	.35	e.21	1.2	e.08	.02	e.59	e.11	e.21	e.02
21	.02	e.03	e.11	e.31	e.19	5.6	e.09	.07	e.36	e.11	e.16	e.02
22	.02	e.03	e.11	e.26	e.74	4.0	e.09	.08	e.29	e.11	e.14	e.02
23	.02	.03	e.09	e.23	e.44	e2.8	e.09	e.04	.37	e.11	e.11	e.02
24	.02	.03	e.09	e.18	e.36	e1.8	e.09	e.03	.44	e.16	e.08	e.46
25	.02	.07	e.09	e.15	e.34	e1.1	e.27	e.02	.41	e.14	e.06	e.36
26	.02	.37	e.09	e.14	e.32	e.64	e.19	.05	1.8	e.14	e.04	e.15
27	.02	e.12	e.09	e.12	e.32	e.42	e.16	.26	1.5	e1.1	e.03	e.12
28	.02	e.06	e.09	e.11	e.31	e.36	e.14	e.51	.87	e.74	.33	e.12
29	.01	e.06	e.09	e.11	---	e.80	e.11	e.34	.68	e.91	.28	e.11
30	.01	e.05	e.09	e.18	---	e.74	e.07	e.23	.55	e.74	.35	e.11
31	.02	---	e.09	e.09	---	e.53	---	e.21	---	e.27	.36	---
TOTAL	2.89	1.53	2.70	3.91	5.62	28.71	7.68	2.49	34.00	10.25	7.33	6.84
MEAN	.093	.051	.087	.13	.20	.93	.26	.080	1.13	.33	.24	.23
MAX	.41	.37	.18	.35	.74	5.6	.91	.51	10	1.1	1.1	2.6
MIN	.01	.02	.04	.06	.06	.29	.07	.01	.03	.10	.03	.02
CFSM	.16	.09	.15	.22	.35	1.62	.45	.14	1.99	.58	.41	.40
IN.	.19	.10	.18	.26	.37	1.87	.50	.16	2.22	.67	.48	.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2001, BY WATER YEAR (WY)

	1999	2000	2001	1999	2000	2001	1999	2000	2001	1999	2000	2001
MEAN	1.08	.24	.11	.20	.38	.61	.27	.13	.41	.13	.083	5.41
MAX	2.06	.43	.14	.28	.54	.93	.37	.21	1.13	.33	.24	15.4
(WY)	2000	2000	2000	2000	2000	2001	2000	1999	2001	2001	2001	1999
MIN	.093	.051	.087	.13	.20	.30	.18	.080	.018	.009	.002	.23
(WY)	2001	2001	2001	2001	2001	2000	1999	2001	2000	2000	1999	2001

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1999 - 2001

ANNUAL TOTAL	73.55	113.95	
ANNUAL MEAN	.20	.31	.36
HIGHEST ANNUAL MEAN			.40
LOWEST ANNUAL MEAN			.31
HIGHEST DAILY MEAN	4.1	Sep 23	283
LOWEST DAILY MEAN	.00	Jun 15	.00
ANNUAL SEVEN-DAY MINIMUM	.00	Jun 15	.00
MAXIMUM PEAK FLOW		37	500
MAXIMUM PEAK STAGE		2.33	5.18
INSTANTANEOUS LOW FLOW		NOT DETERMINED	.00*
ANNUAL RUNOFF (CFSM)	.35	.55	.63
ANNUAL RUNOFF (INCHES)	4.80	7.44	8.52
10 PERCENT EXCEEDS	.49	.66	.75
50 PERCENT EXCEEDS	.05	.11	.11
90 PERCENT EXCEEDS	.00	.02	.01

e Estimated.
* See REMARKS.

0209173190 UNNAMED TRIBUTARY TO SANDY RUN NEAR LIZZIE, NC--Continued

