

NEUSE RIVER BASIN

0209173192 DRAINAGE DITCH TO 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.-- Approximately 0.02 mi².

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Elevation of gage is 45 ft above sea level, from topographic map. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Maximum instantaneous discharge for period of record not determined. No flow occurs many days each 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	.01	.00	.00	.00	.00	.00	e.02	.00	.00	e.04	.00	.01
2	.01	.00	.00	.00	.00	.00	e.02	.00	.01	e.04	.00	.10
3	.00	.00	.00	.00	.00	.00	e.04	.00	.00	e.03	.00	e.07
4	.00	.00	.00	.00	.00	.00	.04	.00	.00	e.02	.00	e.04
5	.00	.00	.00	.00	.00	.00	.03	.00	.00	e.10	.00	.02
6	.00	.00	.00	.00	.00	.00	.03	.00	.00	e.04	.00	.01
7	.00	.00	.00	.00	.00	.00	.03	.00	.00	e.02	.00	.00
8	.00	.00	.00	.00	.00	.00	.02	.00	.00	e.02	.00	.00
9	.00	.00	.00	.00	.00	.00	.02	.00	.00	e.02	.00	.01
10	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.01
11	.00	.00	.00	.00	.00	.00	e.01	.00	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	e.01	.00	.00	.00	.02	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	e.28	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.90	.00	.05	.00
16	.00	.00	.00	.00	.00	.00	.00	.00	.56	.00	e.04	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.82	.00	e.03	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	e.24	.00	.02	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	e.15	.00	.03	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	e.08	.00	.02	.00
21	.00	.00	.00	.00	.00	.15	.00	.00	.04	.00	.02	.00
22	.00	.00	.00	.00	.00	.00	e.07	.00	.03	.00	.01	.00
23	.00	.00	.00	.00	.00	.00	e.04	.00	.03	.00	.01	.00
24	.00	.00	.00	.00	.00	.00	e.02	.00	.03	.00	.01	.00
25	.00	.00	.00	.00	.00	.00	e.00	.00	.02	.00	.01	.00
26	.00	.00	.00	.00	.00	.00	e.00	.00	.32	.00	.01	.00
27	.00	.00	.00	.00	.00	.00	e.01	.00	.19	.00	.01	.00
28	.00	.00	.00	.00	.00	.00	e.01	.00	.08	.00	.01	.00
29	.00	.00	.00	.00	---	.00	e.02	.00	.05	.00	.01	.00
30	.00	.00	.00	.00	---	.00	e.02	.00	e.04	.00	.01	.00
31	.00	---	.00	.00	---	.00	e.02	---	.00	.00	.01	---
TOTAL	0.02	0.00	0.00	0.00	0.00	0.36	0.28	0.00	3.59	0.33	0.67	0.27
MEAN	.001	.000	.000	.000	.000	.012	.009	.000	.12	.011	.022	.009
MAX	.01	.00	.00	.00	.00	.15	.04	.00	.90	.10	.28	.10
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
CFSM	.03	.00	.00	.00	.00	.58	.47	.00	5.98	.53	1.08	.45
IN.	.04	.00	.00	.00	.00	.67	.52	.00	6.68	.61	1.25	.50

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	.27	.018	.006	.050	.036	.019	.012	.002	.040	.004	.007	.29
MAX	.53	.037	.012	.10	.071	.026	.023	.005	.12	.011	.022	.81
(WY)	2000	2000	2000	2000	2000	2000	2000	1999	2001	2001	2001	1999
MIN	.001	.000	.000	.000	.000	.012	.004	.000	.000	.000	.000	.009
(WY)	2001	2001	2001	2001	2001	2001	1999	2001	2000	1999	1999	2001

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

ANNUAL TOTAL	7.81	5.52	
ANNUAL MEAN	.021	.015	.043
HIGHEST ANNUAL MEAN			.070 2000
LOWEST ANNUAL MEAN			.015 2001
HIGHEST DAILY MEAN	.60 Jan 25	.90 Jun 15	14 Oct 17 1999
LOWEST DAILY MEAN	.00 Apr 2	.00 Oct 3	.00 Mar 19 1999
ANNUAL SEVEN-DAY MINIMUM	.00 May 7	.00 Oct 3	.00 Mar 29 1999
MAXIMUM PEAK FLOW		4.3 Jun 16	NOT DETERMINED
MAXIMUM PEAK STAGE		1.40 Jun 16	4.43 Sep 16 1999
INSTANTANEOUS LOW FLOW		.00* Oct 2	.00* Apr 1 1999
ANNUAL RUNOFF (CFSM)	1.07	.76	2.14
ANNUAL RUNOFF (INCHES)	14.53	10.27	29.01
10 PERCENT EXCEEDS	.05	.03	.06
50 PERCENT EXCEEDS	.00	.00	.00
90 PERCENT EXCEEDS	.00	.00	.00

e Estimated.
* See REMARKS.

0209173192 DRAINAGE DITCH TO TRIBUTARY TO SANDY RUN NEAR LIZZIE, NC--Continued

