

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, approximately 6.0 mi south of Farmville.

DRAINAGE AREA.-- Approximately 0.02 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1999 to September 2002 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 45 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--Records poor. Maximum instantaneous discharge for period of record not determined. Minimum instantaneous discharge occurs many days each year.

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	0.00	0.00	0.00	0.00	e0.04	0.00	1.1	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	e0.03	0.03	e0.30	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	e0.03	0.10	e0.35	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	e0.02	0.04	e0.25	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	e0.03	e0.10	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.01	e0.02	e0.08	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.16	e0.01	e0.06	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.11	e0.00	e0.05	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	e0.05	e0.00	e0.04	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	e0.10	e0.00	0.14	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	e0.25	e0.00	e0.10	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.01	e0.05	e0.00	e0.10	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.05	0.04	e0.10	e0.10	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.05	0.03	e0.05	e0.10	0.01	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.11	0.03	e0.05	e0.09	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.09	0.03	e0.04	e0.07	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.07	0.02	e0.04	e0.02	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.06	0.01	e0.03	0.02	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.12	0.01	e0.03	0.02	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.36	0.02	0.02	0.03	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	e0.24	0.02	0.02	0.03	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	e0.13	0.02	0.01	0.02	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	e0.55	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	e0.32	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	e0.25	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	e0.18	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	e0.12	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	e0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.04	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.03	---	0.02	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	e0.04	---	1.5	---	0.00	---	0.00	0.00	---
TOTAL	0.00	0.00	0.00	2.87	1.15	2.15	3.19	0.01	0.00	0.00	0.00	0.00
MEAN	0.000	0.000	0.000	0.093	0.041	0.069	0.106	0.000	0.000	0.000	0.000	0.000
MAX	0.00	0.00	0.00	0.55	0.25	1.5	1.1	0.01	0.00	0.00	0.00	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CFSM	0.00	0.00	0.00	4.63	2.05	3.47	5.32	0.02	0.00	0.00	0.00	0.00
IN.	0.00	0.00	0.00	5.34	2.14	4.00	5.93	0.02	0.00	0.00	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2002, BY WATER YEAR (WY)

	1999	2000	2001	2002	1999	2000	2001	2002	1999	2000	2001	2002
MEAN	0.177	0.012	0.006	0.064	0.037	0.035	0.035	0.001	0.030	0.003	0.006	0.214
MAX	0.53	0.037	0.012	0.10	0.071	0.069	0.11	0.005	0.12	0.011	0.022	0.81
(WY)	2000	2000	2000	2000	2000	2002	2002	1999	2001	2001	2001	1999
MIN	0.000	0.000	0.000	0.000	0.000	0.012	0.004	0.000	0.000	0.000	0.000	0.000
(WY)	2002	2001	2001	2001	2001	2001	1999	2001	2000	1999	1999	2002

SUMMARY STATISTICS

	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1999 - 2002	
ANNUAL TOTAL	5.50		9.37			
ANNUAL MEAN	0.015		0.026		0.043	
HIGHEST ANNUAL MEAN					0.070 2000	
LOWEST ANNUAL MEAN					0.015 2001	
HIGHEST DAILY MEAN	0.90	Jun 15	1.5	Mar 31	14	Oct 17 1999
LOWEST DAILY MEAN	0.00	Jan 1	0.00	Oct 1	0.00	Apr 1 1999
ANNUAL SEVEN-DAY MINIMUM	0.00	Jan 1	0.00	Oct 1	0.00	Apr 1 1999
MAXIMUM PEAK FLOW			13 Mar 31		NOT DETERMINED	
MAXIMUM PEAK STAGE			1.76 Mar 31		4.43 Sep 16 1999	
INSTANTANEOUS LOW FLOW			0.00* Oct 1		0.00* Apr 1 1999	
ANNUAL RUNOFF (CFSM)	0.75		1.28		2.14	
ANNUAL RUNOFF (INCHES)	10.23		17.43		29.01	
10 PERCENT EXCEEDS	0.03		0.05		0.05	
50 PERCENT EXCEEDS	0.00		0.00		0.00	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

e Estimated.
* See REMARKS.

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

