

PEE DEE RIVER BASIN

02124692 GOOSE CREEK NEAR FAIRVIEW, NC

LOCATION.--Lat 35°09'14", long 80°32'09", Union County, Hydrologic Unit 03040105, on right bank at downstream side of culvert on U.S. Highway 601, 1.0 mi north of Fairview, and 2.0 mi above Duck Creek.

DRAINAGE AREA.--24.0 mi<sup>2</sup>.

WATER-DISCHARGE RECORDS

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

REVISED RECORDS.--WSP 822: Drainage area. WSP 852: 1935-37(m).

GAGE.--Water-stage recorder. Elevation of gage is 475 ft above sea level, from topographic map. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharge, which are poor. Maximum discharge for period of record from rating curve extended above 280 ft<sup>3</sup>/s. Minimum discharge for period of record and current water year also occurred Aug. 31, Sept. 1-3.

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	.83	.77	1.6	1.7	2.2	3.5	21	2.2	20	.88	.69	.15
2	.83	.69	1.4	1.7	1.9	3.1	16	1.6	22	.78	.61	.17
3	.85	.43	2.9	1.7	2.0	3.3	10	1.6	4.9	.87	.56	.32
4	.64	.40	5.4	1.7	1.9	82	9.5	2.9	2.9	1.8	.48	22
5	.77	.43	5.5	1.9	1.9	27	7.1	1.6	2.5	7.2	.31	4.2
6	.74	.68	5.0	1.9	1.9	11	6.4	2.1	2.0	1.8	.28	.71
7	.73	1.3	4.4	1.8	1.8	6.4	5.5	1.9	2.2	1.1	.43	.40
8	.51	1.5	3.9	2.1	1.7	4.9	4.9	1.9	2.0	.92	.22	.37
9	.54	1.1	3.7	2.3	1.7	4.3	4.4	1.7	1.8	.85	e.20	.45
10	.47	1.0	3.5	2.0	1.8	3.7	3.9	1.8	1.7	.93	e.50	.55
11	.66	1.2	3.3	1.7	1.9	3.2	3.5	1.3	1.4	.91	5.3	.64
12	.71	1.4	3.2	2.5	1.9	3.3	3.4	1.2	1.2	.78	.55	.47
13	.67	1.2	2.8	16	3.1	6.7	3.2	1.5	4.5	.73	.31	.30
14	.61	1.4	1.8	5.4	4.4	4.3	4.3	1.7	62	1.7	.34	.27
15	.79	3.0	1.4	3.8	4.1	60	3.3	1.4	4.9	.88	.66	.35
16	.89	1.3	1.7	3.4	2.9	31	3.2	2.0	24	.70	.51	.37
17	.69	1.1	11	2.9	68	12	2.8	1.6	22	.51	.31	.27
18	.68	1.4	4.7	2.8	15	7.2	2.4	2.0	3.4	.49	.30	.27
19	.62	1.4	2.7	3.3	6.1	5.3	2.6	1.9	2.1	.52	.69	.29
20	.48	4.5	2.4	41	4.2	44	2.4	27	1.7	.64	.58	.51
21	.56	1.7	2.2	12	3.6	246	2.4	3.4	1.4	.57	.41	1.3
22	.55	1.1	2.1	5.1	18	49	2.4	1.9	1.3	.35	.34	.41
23	.64	.96	1.9	3.4	15	20	2.3	11	2.2	.27	.36	.25
24	.75	.88	1.7	3.1	6.5	12	2.1	2.4	1.6	.45	.32	84
25	.54	27	1.7	2.6	6.0	8.3	24	2.4	1.1	4.6	.29	14
26	.65	18	1.6	2.2	8.3	6.8	9.4	24	1.0	9.8	.24	1.5
27	.60	4.0	1.6	2.1	4.9	5.5	4.2	5.6	.92	1.8	.24	.76
28	.79	2.1	2.0	2.1	4.0	4.9	3.0	3.3	1.0	.81	.21	.55
29	.90	1.8	2.0	2.0	---	171	2.5	6.0	.71	.84	.19	.42
30	.95	1.6	1.8	2.2	---	158	2.4	3.9	.78	1.1	.18	.37
31	.94	---	1.7	2.7	---	32	---	2.4	---	.71	.17	---
TOTAL	21.58	85.34	92.6	141.1	196.7	1039.7	174.5	127.2	201.21	46.29	16.78	136.62
MEAN	.70	2.84	2.99	4.55	7.03	33.5	5.82	4.10	6.71	1.49	.54	4.55
MAX	.95	27	11	41	68	246	24	27	62	9.8	5.3	84
MIN	.47	.40	1.4	1.7	1.7	3.1	2.1	1.2	.71	.27	.17	.15
CFSM	.03	.12	.12	.19	.29	1.40	.24	.17	.28	.06	.02	.19
IN.	.03	.13	.14	.22	.30	1.61	.27	.20	.31	.07	.03	.21

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

	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
MEAN	.70	4.06	6.52	18.8	28.3	24.6	8.29	3.46	8.44	1.61	1.43	5.64
MAX	.70	5.27	10.0	33.1	48.8	33.5	10.8	4.10	10.2	1.72	2.31	6.73
(WY)	2001	2000	2000	2000	2000	2001	2000	2001	2000	2000	2000	2000
MIN	.70	2.84	2.99	4.55	7.03	15.7	5.82	2.81	6.71	1.49	.54	4.55
(WY)	2001	2001	2001	2001	2001	2000	2001	2000	2001	2001	2001	2001

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

ANNUAL TOTAL	4168.30	2279.62	
ANNUAL MEAN	11.4	6.25	6.25
HIGHEST ANNUAL MEAN			6.25
LOWEST ANNUAL MEAN			6.25
HIGHEST DAILY MEAN	270	Feb 14	270
LOWEST DAILY MEAN	.29	Aug 22	.15
ANNUAL SEVEN-DAY MINIMUM	.44	Aug 18	.19
MAXIMUM PEAK FLOW			671
MAXIMUM PEAK STAGE			6.95
INSTANTANEOUS LOW FLOW			.14*
ANNUAL RUNOFF (CFSM)	.47		.26
ANNUAL RUNOFF (INCHES)	6.46		3.53
10 PERCENT EXCEEDS	23		11
50 PERCENT EXCEEDS	2.6		1.8
90 PERCENT EXCEEDS	.67		.41

e Estimated.  
\* See REMARKS.

02124692 GOOSE CREEK NEAR FAIRVIEW, NC--Continued

