

PEE DEE RIVER BASIN

02124692 GOOSE CREEK NEAR FAIRVIEW, NC

LOCATION.--Lat 35°09'13", long 80°32'07", North American Datum of 1983, 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 mi².

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 NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--No estimated daily discharge. Records good. Maximum discharge for period of record from rating curve extended above 600 ft³/s. No flow also occurred Aug. 12, 13, 14, 15, 16, 2002.

REVISIONS.--Maximum discharge for water years 2000, 2001 to 1,360 ft³/s, June 5, 2000, gage height 8.64 ft, 875 ft³/s, Mar. 29, 2001, gage height 6.95 ft.

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	0.30	0.81	0.45	0.98	5.8	2.0	148	1.3	0.62	0.13	0.29	45
2	0.24	0.58	0.36	1.0	5.9	54	30	0.99	0.77	0.13	0.24	8.6
3	0.28	0.51	0.56	1.4	4.1	149	15	1.1	0.79	0.17	0.22	4.3
4	0.22	0.56	0.67	1.6	3.5	39	11	11	0.75	0.17	0.57	1.0
5	0.22	0.52	0.81	1.8	2.6	15	7.4	10	0.58	0.44	0.35	0.58
6	1.2	0.51	0.99	37	2.6	9.4	6.0	3.3	0.65	0.34	0.28	0.48
7	2.9	0.52	0.83	33	76	7.3	4.9	2.1	10	0.18	0.21	0.34
8	0.69	0.64	1.2	9.0	108	5.8	4.5	1.8	1.3	0.10	0.14	0.29
9	0.59	0.71	1.2	4.6	25	4.9	4.2	1.8	0.66	0.07	0.09	0.37
10	0.46	0.50	6.2	3.4	17	4.7	4.7	1.5	0.49	0.06	0.06	0.43
11	0.41	0.48	57	2.6	15	4.0	4.3	1.1	0.45	0.08	0.02	0.34
12	0.37	0.80	5.5	2.2	9.0	5.1	3.8	1.6	0.46	0.10	0.00	0.29
13	0.39	1.1	2.2	3.0	6.7	31	4.2	1.5	0.30	0.13	0.00	0.30
14	42	1.8	1.8	2.8	5.3	20	4.0	18	0.35	0.19	0.00	0.24
15	14	1.3	1.6	2.3	4.6	10	3.4	2.7	0.35	0.83	0.00	33
16	1.3	0.64	1.1	1.9	4.3	7.2	3.2	1.5	0.31	0.50	0.02	36
17	0.84	0.50	1.1	1.8	3.9	30	2.9	0.97	0.28	0.29	7.1	3.7
18	0.65	0.62	5.6	1.6	3.1	33	2.7	2.4	0.27	0.19	1.3	1.2
19	0.62	0.78	2.6	97	3.1	15	2.6	4.4	0.32	0.15	0.41	0.89
20	0.76	1.0	1.5	122	3.0	10	2.3	1.5	0.41	0.15	0.25	0.66
21	0.72	1.2	1.2	32	3.1	89	2.1	1.2	0.41	0.14	0.24	0.77
22	0.79	1.5	1.1	22	2.9	37	1.7	1.2	0.28	0.08	0.21	0.51
23	0.88	1.5	1.0	203	2.6	16	1.6	1.1	0.26	6.2	0.14	0.49
24	0.92	2.1	1.1	50	2.5	11	1.6	1.1	0.20	2.9	0.12	0.42
25	1.9	2.3	1.1	116	2.5	10	1.6	1.0	0.22	30	0.16	0.39
26	1.8	0.99	1.00	31	2.4	8.5	1.6	0.93	0.18	1.9	0.21	1.0
27	0.80	0.77	0.97	14	2.3	10	1.6	0.98	0.18	0.79	0.26	2.7
28	0.73	0.67	0.97	9.4	2.1	6.8	1.7	0.75	0.20	0.68	0.43	1.7
29	0.58	0.70	0.98	7.0	---	5.7	1.7	0.55	0.23	0.54	0.67	1.2
30	0.62	0.64	0.95	5.6	---	5.9	1.6	0.42	0.15	0.39	0.64	0.77
31	0.68	---	0.97	4.6	---	35	---	0.43	---	0.33	195	---
TOTAL	78.86	27.25	104.61	825.58	328.9	691.3	285.9	80.22	22.42	48.35	209.63	147.96
MEAN	2.544	0.908	3.375	26.63	11.75	22.30	9.530	2.588	0.747	1.560	6.762	4.932
MAX	42	2.3	57	203	108	149	148	18	10	30	195	45
MIN	0.22	0.48	0.36	0.98	2.1	2.0	1.6	0.42	0.15	0.06	0.00	0.24
CFSM	0.11	0.04	0.14	1.11	0.49	0.93	0.40	0.11	0.03	0.06	0.28	0.21
IN.	0.12	0.04	0.16	1.28	0.51	1.07	0.44	0.12	0.03	0.07	0.32	0.23

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2002, BY WATER YEAR (WY)

	2000	2001	2002	2000	2001	2002	2000	2001	2002	2000	2001	2002
MEAN	1.620	3.009	5.469	21.42	22.82	23.85	8.706	3.167	5.879	1.591	3.204	5.404
MAX	2.54	5.27	10.0	33.1	48.8	33.5	10.8	4.10	10.2	1.72	6.76	6.73
(WY)	2002	2000	2000	2000	2000	2001	2000	2001	2000	2000	2002	2000
MIN	0.70	0.91	2.99	4.55	7.02	15.7	5.82	2.59	0.75	1.49	0.54	4.55
(WY)	2001	2002	2001	2001	2001	2000	2001	2002	2002	2001	2001	2001

SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 2000 - 2002

ANNUAL TOTAL	2290.82	2850.98	
ANNUAL MEAN	6.276	7.811	7.028
HIGHEST ANNUAL MEAN			7.81 2002
LOWEST ANNUAL MEAN			6.25 2001
HIGHEST DAILY MEAN	246 Mar 21	203 Jan 23	270 Feb 14 2000
LOWEST DAILY MEAN	0.15 Sep 1	0.00 Aug 12	0.00 Aug 12 2002
ANNUAL SEVEN-DAY MINIMUM	0.19 Aug 27	0.01 Aug 10	0.01 Aug 10 2002
MAXIMUM PEAK FLOW		584 Aug 31	1360* Jun 5 2000
MAXIMUM PEAK STAGE		5.72 Aug 31	8.64 Jun 5 2000
INSTANTANEOUS LOW FLOW		0.00* Aug 11	0.00* Aug 11 2002
ANNUAL RUNOFF (CFSM)	0.26	0.33	0.29
ANNUAL RUNOFF (INCHES)	3.55	4.42	3.98
10 PERCENT EXCEEDS	11	15	14
50 PERCENT EXCEEDS	1.7	1.1	1.6
90 PERCENT EXCEEDS	0.37	0.21	0.29

* See REMARKS.

02124692 GOOSE CREEK NEAR FAIRVIEW, NC--Continued

