

PEE DEE RIVER BASIN

02136361 TURKEY CREEK NEAR MARYVILLE, SC

LOCATION.--Lat 33°19'42'', long 79°20'18'', Georgetown County, Hydrologic Unit 03040207, approximately 2,500 ft upstream of Pennyroyal Road on a pedestrian bridge, 4 mi southwest of Georgetown, and at mile 2.75.

DRAINAGE AREA.--4.67 mi², approximately.

PERIOD OF RECORD.--October 1993 to current year.

GAGE.--Data collection platform. Elevation of gage is 5.0 ft above NGVD of 1929 (from topographic map).

REMARKS.-- Records fair except for estimated daily discharges, which are poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.46	0.59	0.61	0.84	2.0	4.9	1.0	0.96	0.40	0.62	0.59	39
2	0.41	0.58	0.60	0.74	1.8	4.3	0.79	1.2	0.36	1.3	0.57	29
3	0.45	0.50	0.63	0.70	2.1	3.8	0.74	2.7	0.39	1.3	0.59	23
4	0.47	0.47	0.85	0.65	2.0	3.5	0.68	2.7	0.38	0.83	0.60	20
5	0.46	0.55	0.98	0.66	1.7	3.0	0.58	2.2	0.42	0.82	0.57	17
6	0.47	0.67	0.84	1.7	1.4	2.8	0.52	1.8	0.45	1.2	0.58	17
7	0.46	0.85	0.80	5.4	1.4	2.5	1.7	1.4	0.37	1.0	0.54	17
8	0.52	0.74	0.77	4.5	1.2	2.3	6.4	1.2	0.37	0.91	e0.52	16
9	0.52	0.66	0.76	4.3	1.1	1.9	4.3	0.93	0.43	0.85	e0.49	15
10	0.41	0.71	1.1	4.1	1.0	1.4	1.1	0.81	0.47	0.80	0.48	13
11	0.47	0.78	1.5	3.5	1.2	1.0	0.94	0.74	0.47	0.85	0.47	12
12	0.54	0.74	1.1	3.1	5.3	0.91	1.1	0.70	0.46	0.87	0.69	12
13	0.53	0.65	0.83	2.7	6.8	0.89	1.8	0.63	0.53	0.84	2.1	10
14	0.53	0.65	1.6	2.3	6.6	0.95	1.6	0.69	0.56	0.79	31	9.5
15	0.52	0.71	1.6	2.0	7.9	1.0	1.3	0.71	0.54	0.75	65	8.9
16	0.49	0.64	1.3	1.6	e8.8	1.1	1.2	0.72	0.54	0.71	49	8.2
17	0.47	0.48	1.1	1.7	e9.5	1.1	1.1	0.70	0.49	0.68	35	7.6
18	0.45	0.48	1.2	1.6	9.9	0.93	0.97	0.61	0.39	0.74	28	7.2
19	0.47	0.47	1.1	1.6	9.3	0.86	0.97	0.61	0.36	0.82	22	6.0
20	0.52	0.52	0.97	1.3	8.5	0.88	2.1	0.59	0.49	0.89	18	4.8
21	0.55	0.64	0.89	1.5	7.6	0.80	2.1	0.58	0.41	0.79	15	4.0
22	0.47	0.61	0.86	1.4	6.6	0.76	1.2	0.60	0.37	0.76	13	3.4
23	0.43	0.57	0.99	1.3	5.9	0.70	0.88	0.59	0.35	0.69	13	2.9
24	0.44	0.55	1.1	1.2	5.3	0.71	0.78	0.54	0.30	0.77	11	2.7
25	0.42	0.48	1.0	1.1	3.9	0.67	0.71	0.45	0.30	0.73	8.9	2.4
26	0.52	0.48	0.97	1.4	4.4	0.70	0.65	0.39	0.33	0.73	7.7	2.3
27	0.45	0.56	0.96	3.3	6.2	0.69	0.72	0.37	0.42	0.67	7.4	3.1
28	0.91	0.54	0.91	3.0	6.1	0.70	0.74	0.33	0.42	0.65	7.2	3.5
29	1.7	0.65	0.81	2.6	5.4	0.73	0.72	0.41	0.47	0.59	19	2.8
30	0.78	0.66	0.78	2.4	---	1.0	0.67	0.42	0.61	0.63	24	2.5
31	0.66	---	0.80	2.2	---	1.2	---	0.45	---	0.61	27	---
TOTAL	16.95	18.18	30.31	66.39	140.9	48.68	40.06	27.73	12.85	25.19	409.99	321.8
MEAN	0.55	0.61	0.98	2.14	4.86	1.57	1.34	0.89	0.43	0.81	13.2	10.7
MAX	1.7	0.85	1.6	5.4	9.9	4.9	6.4	2.7	0.61	1.3	65	39
MIN	0.41	0.47	0.60	0.65	1.0	0.67	0.52	0.33	0.30	0.59	0.47	2.3
CFSM	0.12	0.13	0.21	0.46	1.04	0.34	0.29	0.19	0.09	0.17	2.83	2.30
IN.	0.14	0.14	0.24	0.53	1.12	0.39	0.32	0.22	0.10	0.20	3.27	2.56

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2004, BY WATER YEAR (WY)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
MEAN	6.07	2.80	4.09	5.82	6.68	6.95	3.17	2.33	3.80	4.53	21.4	17.0
MAX	22.7	7.52	14.1	30.8	37.3	20.9	8.11	11.2	15.9	13.9	187	86.6
(WY)	2000	1998	1995	1998	1998	2003	2003	2003	1997	2003	1995	1995
MIN	0.44	0.33	0.36	0.28	0.45	0.46	0.56	0.14	0.23	0.36	0.52	0.36
(WY)	2002	2002	2002	2002	2002	2002	2002	1994	1998	1998	1998	2001

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1994 - 2004	
ANNUAL TOTAL	2556.96	1159.03		
ANNUAL MEAN	7.01	3.17	7.06	
HIGHEST ANNUAL MEAN			27.8	1995
LOWEST ANNUAL MEAN			2.09	2002
HIGHEST DAILY MEAN	92 Mar 20	65 Aug 15	e 1350	Aug 27 1995
LOWEST DAILY MEAN	e 0.16 Apr 7	0.30 a Jun 24	0.03	Aug 29 1997
ANNUAL SEVEN-DAY MINIMUM	0.45 Oct 1	0.35 Jun 21	0.06	May 23 1994
MAXIMUM PEAK FLOW		80 Aug 15	b 1500	Aug 27 1995
MAXIMUM PEAK STAGE		2.86 Aug 15	c 4.56	Aug 27 1995
ANNUAL RUNOFF (CFSM)	1.50	0.678	1.51	
ANNUAL RUNOFF (INCHES)	20.37	9.23	20.54	
10 PERCENT EXCEEDS	18	8.0	13	
50 PERCENT EXCEEDS	2.7	0.85	1.4	
90 PERCENT EXCEEDS	0.53	0.46	0.33	

- a Also occurred June 25.
- b From rating curve extended above 59.5 ft³/s on basis of slope-area computation of peak discharge.
- c From floodmarks.
- e Estimated

