

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 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.8	1.4	1.2	1.3	1.1	6.0	9.8	1.1	3.0	3.6	e4.7	0.89
2	2.9	1.3	1.2	1.2	1.0	5.2	13	1.1	3.6	3.4	e4.3	0.84
3	5.0	1.3	1.1	1.4	1.7	4.5	17	0.97	3.7	5.0	e2.4	0.60
4	e8.7	1.3	1.1	1.4	2.4	4.0	21	0.94	5.3	9.2	e1.5	0.50
5	8.4	1.3	1.2	1.4	2.1	3.8	18	1.2	20	8.1	e1.3	0.46
6	7.6	1.2	1.1	1.3	1.9	3.3	15	e1.7	e26	8.7	e1.7	0.41
7	6.7	1.1	1.2	1.2	1.7	3.1	12	e1.4	e24	9.0	e1.9	0.41
8	5.9	1.1	1.2	1.0	1.6	2.7	12	1.3	e21	7.4	e2.3	0.41
9	5.1	1.0	1.3	0.94	1.6	2.0	10	1.2	e17	7.3	e3.1	0.39
10	4.7	1.0	1.3	0.75	1.8	1.9	8.9	1.1	e14	8.4	2.9	0.38
11	4.2	1.1	1.2	0.65	1.6	1.8	7.5	1.0	e12	7.6	2.6	0.36
12	3.7	1.2	1.2	0.73	1.5	1.6	6.5	0.98	e9.7	6.8	2.3	0.34
13	3.4	1.3	1.2	0.81	1.4	e1.6	6.7	0.88	e8.5	5.9	2.1	0.48
14	3.0	1.2	1.1	1.0	1.4	e1.5	6.5	0.89	e7.4	5.1	1.8	0.55
15	3.1	1.1	e1.0	1.0	1.5	e1.4	e5.7	1.3	e6.2	4.8	1.7	0.45
16	3.1	1.1	e0.90	1.0	1.5	2.5	e4.7	1.5	e4.8	5.2	1.4	0.40
17	2.7	1.1	e0.80	1.0	1.4	4.0	4.0	2.2	e3.2	4.4	1.2	0.35
18	2.4	1.0	0.75	0.93	1.2	3.6	3.4	e2.8	2.7	3.7	1.0	0.35
19	2.3	1.0	0.73	0.91	1.2	3.5	3.0	e2.2	2.2	3.1	0.84	0.38
20	2.4	1.0	0.84	0.94	1.1	3.3	e2.6	e2.1	1.5	2.4	0.75	0.37
21	2.4	1.0	0.87	0.92	e2.0	e2.9	e2.3	2.6	0.86	2.0	0.65	0.37
22	2.2	1.0	0.83	0.91	e2.1	3.1	e2.0	2.5	0.76	1.8	0.57	0.36
23	2.0	1.0	0.88	0.94	e2.2	5.6	e1.7	2.2	0.96	1.8	0.54	0.34
24	1.9	1.0	0.92	0.91	e2.1	5.8	1.5	1.8	0.86	1.6	0.53	0.33
25	1.8	1.0	0.96	0.92	2.0	5.2	e1.5	1.4	0.86	1.4	0.58	0.32
26	1.7	e1.0	2.0	0.88	1.9	4.8	e1.4	1.3	0.98	1.2	0.61	0.31
27	1.7	1.1	1.7	0.90	2.2	7.6	e1.4	1.1	0.99	1.0	0.71	0.59
28	1.6	1.4	1.3	0.83	6.1	e23	1.3	e0.95	2.0	0.90	0.68	0.44
29	1.6	1.2	1.3	0.86	---	e20	1.2	0.92	3.4	e0.90	0.72	0.38
30	1.6	1.2	1.3	1.2	---	14	1.1	1.6	3.6	e2.0	0.63	0.36
31	1.5	---	1.3	1.1	---	11	---	2.5	---	e4.1	0.61	---
TOTAL	108.1	34.0	34.98	31.23	51.3	164.3	202.7	46.73	211.07	137.80	48.62	13.12
MEAN	3.49	1.13	1.13	1.01	1.83	5.30	6.76	1.51	7.04	4.45	1.57	0.44
MAX	8.7	1.4	2.0	1.4	6.1	23	21	2.8	26	9.2	4.7	0.89
MIN	1.5	1.0	0.73	0.65	1.0	1.4	1.1	0.88	0.76	0.90	0.53	0.31
CFSM	0.75	0.24	0.24	0.22	0.39	1.13	1.45	0.32	1.51	0.95	0.34	0.09
IN.	0.86	0.27	0.28	0.25	0.41	1.31	1.61	0.37	1.68	1.10	0.39	0.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2005, BY WATER YEAR (WY)

MEAN	5.85	2.66	3.84	5.42	6.28	6.82	3.47	2.26	4.07	4.52	19.8	15.6
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

PEE DEE RIVER BASIN

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SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1994 - 2005	
ANNUAL TOTAL	1270.67		1083.95		6.72	
ANNUAL MEAN	3.47		2.97		27.8	
HIGHEST ANNUAL MEAN					2.09	
LOWEST ANNUAL MEAN					1995	
HIGHEST DAILY MEAN	65	Aug 15	e 26	Jun 6	e 1350	Aug 27 1995
LOWEST DAILY MEAN	0.30	a Jun 24	0.31	Sep 26	0.03	Aug 29 1997
ANNUAL SEVEN-DAY MINIMUM	0.35	Jun 21	0.34	Sep 20	0.06	May 23 1994
MAXIMUM PEAK FLOW			80	Aug 15	b 1500	Aug 27 1995
MAXIMUM PEAK STAGE			2.17	Mar 28	c 4.56	Aug 27 1995
ANNUAL RUNOFF (CFSM)	0.743		0.636		1.44	
ANNUAL RUNOFF (INCHES)	10.12		8.63		19.55	
10 PERCENT EXCEEDS	8.4		7.3		13	
50 PERCENT EXCEEDS	1.2		1.5		1.4	
90 PERCENT EXCEEDS	0.52		0.65		0.35	

- a Also occurred Jun. 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

