

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.--No estimated daily discharges. Records fair.

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	0.37	0.45	0.31	0.36	0.18	0.39	0.56	0.68	0.47	1.0	1.6	44
2	0.33	0.33	0.32	0.49	0.18	0.58	0.46	0.68	0.37	0.97	1.6	31
3	0.30	0.36	0.28	0.49	0.21	0.73	0.49	0.78	0.35	0.80	1.4	29
4	0.31	0.38	0.35	0.36	0.26	0.67	0.46	0.75	0.35	0.84	1.3	20
5	0.34	0.39	0.31	0.36	0.30	0.62	0.41	0.87	0.37	0.81	1.6	15
6	0.35	0.42	0.31	0.41	0.33	0.52	0.40	0.75	0.71	0.80	1.4	12
7	0.43	0.38	0.30	0.42	0.78	0.52	0.33	0.71	1.1	0.72	1.2	8.6
8	0.44	0.35	0.31	0.38	0.52	0.46	0.34	0.73	0.72	0.88	1.1	6.3
9	0.38	0.36	0.31	0.34	0.42	0.43	0.34	0.70	0.54	0.87	1.0	4.8
10	0.43	0.35	0.61	0.24	0.42	0.40	1.3	0.67	0.49	0.75	0.93	3.4
11	0.40	0.36	0.75	0.20	0.40	0.43	0.74	0.62	0.51	2.1	0.89	2.6
12	0.42	0.34	0.37	0.25	0.40	0.39	0.68	0.60	0.48	41	0.78	2.1
13	0.39	0.30	0.32	0.42	0.35	0.56	0.62	0.60	0.43	23	0.66	1.7
14	0.42	0.29	0.33	0.38	0.39	0.51	0.56	0.65	0.46	19	0.64	1.7
15	0.44	0.29	0.35	0.30	0.34	0.42	0.53	0.57	0.50	11	0.62	2.6
16	0.44	0.29	0.37	0.28	0.35	0.46	0.49	0.58	0.66	10	0.55	6.9
17	0.46	0.33	0.35	0.28	0.33	0.41	0.44	0.59	0.54	13	0.61	6.0
18	0.46	0.32	0.37	0.24	0.36	0.40	0.54	0.66	0.55	10	0.64	4.9
19	0.44	0.24	0.40	0.21	0.36	0.41	0.53	0.65	0.56	7.8	0.53	4.3
20	0.44	0.22	0.38	0.23	2.5	0.38	0.60	0.63	2.9	5.1	0.50	3.3
21	0.38	0.27	0.42	0.20	0.55	0.44	0.71	0.64	1.5	5.3	0.50	2.6
22	0.48	0.32	0.37	0.21	0.21	0.41	0.51	0.46	6.7	3.9	0.49	2.2
23	0.46	0.30	0.34	0.20	0.44	0.41	0.49	0.41	9.0	3.0	0.45	1.9
24	0.39	0.37	0.30	0.16	0.21	0.39	0.50	0.44	5.9	4.1	0.46	1.7
25	0.39	0.33	0.35	0.20	0.71	0.38	0.72	0.45	4.0	8.2	0.75	2.6
26	0.46	0.24	0.34	0.24	0.39	0.38	0.53	0.47	2.9	5.6	0.65	20
27	0.55	0.27	0.33	0.22	0.32	0.56	0.57	0.49	2.2	5.3	0.99	18
28	0.59	0.30	0.31	0.19	0.34	0.45	0.65	0.43	1.7	3.6	4.6	12
29	0.63	0.33	0.30	0.17	---	0.42	0.62	0.42	1.4	2.7	17	8.6
30	0.62	0.31	0.34	0.18	---	0.43	0.59	0.41	1.2	2.2	38	6.2
31	0.57	--	0.35	0.18	---	0.40	--	0.41	--	1.8	42	--
TOTAL	13.51	9.79	11.15	8.79	12.55	14.36	16.71	18.50	49.56	196.14	125.44	286.0
MEAN	0.44	0.33	0.36	0.28	0.45	0.46	0.56	0.60	1.65	6.33	4.05	9.53
MAX	0.63	0.45	0.75	0.49	2.5	0.73	1.3	0.87	9.0	41	42	44
MIN	0.30	0.22	0.28	0.16	0.18	0.38	0.33	0.41	0.35	0.72	0.45	1.7
CFSM	0.09	0.07	0.08	0.06	0.10	0.10	0.12	0.13	0.35	1.35	0.87	2.04
IN.	0.11	0.08	0.09	0.07	0.10	0.11	0.13	0.15	0.39	1.56	1.00	2.28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2002, BY WATER YEAR (WY)

MEAN	6.55	2.72	4.14	6.58	7.48	6.00	2.83	1.50	3.17	3.91	23.9	19.3
MAX	22.7	7.52	14.1	30.8	37.3	16.2	5.25	5.86	15.9	7.93	187	86.6
(WY)	2000	1998	1995	1998	1998	2001	1999	1999	1997	1999	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 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1994 - 2002
ANNUAL TOTAL	857.37	762.50	
ANNUAL MEAN	2.35	2.09	7.34
HIGHEST ANNUAL MEAN			27.8
LOWEST ANNUAL MEAN			2.09
HIGHEST DAILY MEAN	58	Mar 21	1350
LOWEST DAILY MEAN	0.22	Nov 20	0.03
ANNUAL SEVEN-DAY MINIMUM	0.28	Nov 15	0.06
MAXIMUM PEAK FLOW		65	a 1500
MAXIMUM PEAK STAGE		2.65	b 4.56
ANNUAL RUNOFF (CFSM)	0.50	0.45	1.57
ANNUAL RUNOFF (INCHES)	6.83	6.07	21.35
10 PERCENT EXCEEDS	3.3	4.7	13
50 PERCENT EXCEEDS	0.58	0.47	1.3
90 PERCENT EXCEEDS	0.32	0.30	0.28

a From rating curve extended above 59.5 ft³/s on basis of slope-area computation of peak discharge.
 b From floodmarks.

