

PEE DEE RIVER BASIN

02135520 TURKEY CREEK AT SUMTER, SC

LOCATION.--Lat 33°52'27'', long 80°20'05'', Sumter County, Hydrologic Unit 03040205, on downstream left side of bridge on U.S. Highway 521, 0.5 mi upstream of confluence with Pocotaligo River and 1.0 mi southeast of Sumter.

DRAINAGE AREA.--10.1 mi².

PERIOD OF RECORD.--January 2001 to September 2003 (discontinued).

GAGE.--Data collection platform. Elevation of gage is 121 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records poor.

Discharge, cubic feet per second
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e0.00	0.08	16	22	21	33	32	8.7	0.09	e0.02	e0.48	e0.00
2	e0.00	0.03	16	20	20	40	28	7.4	e0.00	28	e0.80	e0.00
3	e0.00	0.06	16	20	20	31	25	8.5	e7.6	16	e0.00	e0.00
4	e0.00	0.37	17	19	22	27	22	5.6	8.0	6.9	e0.65	e0.07
5	e0.00	1.8	24	19	20	25	21	5.0	0.08	1.7	e11	e8.5
6	e0.00	5.0	17	19	20	37	23	34	e0.00	e0.01	85	e2.0
7	e0.00	3.7	15	19	26	43	68	22	9.9	e0.00	25	e0.38
8	e0.00	3.0	15	19	18	35	53	11	23	e0.00	27	e11
9	e0.00	3.3	15	19	17	30	80	6.4	7.0	e0.00	19	e2.1
10	e0.00	3.3	18	19	43	27	217	3.8	2.9	e0.00	13	e0.00
11	e25	16	22	18	23	23	85	1.1	1.1	e0.70	21	e0.00
12	e1.2	80	17	18	19	21	60	0.10	e0.01	e3.9	17	e0.00
13	e0.00	26	39	19	17	25	45	e0.00	e0.00	e0.00	15	e0.00
14	e0.60	14	24	19	16	22	36	e0.00	e2.9	e3.4	7.5	e0.00
15	e1.3	12	19	19	17	46	31	e8.7	12	e2.0	3.5	e0.00
16	13	19	18	20	50	52	28	2.4	e12	e0.00	3.7	e0.00
17	e0.12	27	17	21	37	38	25	0.62	16	e6.8	7.4	e0.00
18	e0.00	19	16	20	28	37	23	0.01	10	e2.1	15	e0.00
19	e0.00	14	20	20	25	30	22	0.00	32	e0.00	2.6	e0.00
20	e0.00	14	25	20	23	169	20	e0.00	15	e0.00	0.05	e0.00
21	e0.00	14	19	20	24	83	19	e0.00	6.3	e0.00	e0.00	e0.00
22	e0.00	14	19	21	53	54	26	e20	3.5	e0.00	e0.00	e0.00
23	e0.00	14	19	21	38	42	17	79	0.29	e0.00	e0.00	e0.00
24	e0.00	14	58	21	28	36	14	32	e0.00	e0.00	e0.00	e0.00
25	e0.00	14	30	20	25	32	38	24	e0.00	e0.00	e0.00	e0.00
26	e0.00	15	23	21	23	29	28	24	e0.00	e0.00	e0.00	e0.00
27	e0.00	15	20	21	35	27	20	28	e0.00	e0.00	e0.00	e0.00
28	e0.00	15	19	20	29	25	15	13	e30	e0.00	e0.00	e0.00
29	e46	15	18	20	---	27	13	7.7	11	e6.1	e0.00	e0.00
30	7.0	16	18	30	---	40	10	4.2	0.24	15	e0.00	e0.00
31	1.5	---	18	23	---	41	---	1.8	---	2.1	e0.00	---
TOTAL	95.72	407.64	647	627	737	1227	1144	359.03	210.91	94.73	274.68	24.05
MEAN	3.09	13.6	20.9	20.2	26.3	39.6	38.1	11.6	7.03	3.06	8.86	0.80
MAX	46	80	58	30	53	169	217	79	32	28	85	11
MIN	0.00	0.03	15	18	16	21	10	0.00	0.00	0.00	0.00	0.00
CFSM	0.31	1.35	2.07	2.01	2.62	3.93	3.79	1.15	0.70	0.30	0.88	0.08
IN.	0.35	1.51	2.39	2.32	2.73	4.54	4.23	1.33	0.78	0.35	1.02	0.09

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2003, BY WATER YEAR (WY)

	2001	2002	2003	2001	2002	2003	2001	2002	2003	2001	2002	2003
MEAN	2.66	7.60	12.1	12.7	12.4	18.8	14.1	8.15	8.61	2.30	6.51	3.98
MAX	3.09	13.6	20.9	20.2	26.3	39.6	38.1	11.6	18.2	3.06	8.86	9.49
(WY)	2003	2003	2003	2003	2003	2003	2003	2003	2001	2003	2003	2001
MIN	2.22	1.61	3.29	5.26	3.64	5.94	0.63	3.42	0.60	1.34	4.23	0.80
(WY)	2002	2002	2002	2002	2001	2001	2001	2002	2002	2002	2001	2003

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SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR	FOR 2003 WATER YEAR	WATER YEARS 2001 - 2003	
ANNUAL TOTAL	2373.45	5848.76		
ANNUAL MEAN	6.50	16.0	9.99	
HIGHEST ANNUAL MEAN			16.0	2003
LOWEST ANNUAL MEAN			3.95	2002
HIGHEST DAILY MEAN	95 Mar 31	217 Apr 10	266 Sep 24	2001
LOWEST DAILY MEAN	0.00 a Apr 9	0.00 b Oct 1	0.00 c Feb 19	2001
ANNUAL SEVEN-DAY MINIMUM	0.00 May 20	0.00 Oct 1	0.00 Apr 11	2001
MAXIMUM PEAK FLOW		603 Mar 20	860 Jun 13	2001
MAXIMUM PEAK STAGE		6.72 Mar 20	7.15 Jun 13	2001
ANNUAL RUNOFF (CFSM)	0.65	1.59	0.99	
ANNUAL RUNOFF (INCHES)	8.78	21.63	13.49	
10 PERCENT EXCEEDS	18	34	27	
50 PERCENT EXCEEDS	2.4	15	3.3	
90 PERCENT EXCEEDS	0.00	0.00	0.00	

a Also occurred Apr. 24, 27-30 and on many days during May to September.

b Also occurred many days during October and May to September.

c Also occurred several days in February, Mar. 1, 11, and on many days in April to September, 2001, Nov. 5-7, Apr. 9, 24, 27-30, and on many days in May to September, 2002, many days during October and May to September, 2003.

e Estimated

