

02192830 BLUE HILL CREEK AT ABBEVILLE, SC

LOCATION.--Lat 34°10'03'', long 82°22'17'', Abbeville County, Hydrologic Unit 03060103, on downstream side of footbridge behind the Milliken waste water treatment facility, 0.3 mi downstream of SC Highway 72, and 1.4 mi upstream of Parker Creek.

DRAINAGE AREA.--3.24 mi².

WATER-DISCHARGE RECORDS

PERIOD OF DAILY RECORD.-- February 1998 to current year.

GAGE.--Data collection platform. Datum of gage is 475 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 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.37	0.60	0.84	0.77	0.69	1.8	3.7	15	0.66	0.50	0.32	0.16
2	0.43	0.83	0.80	0.79	0.65	10	1.7	1.5	0.62	0.50	0.25	0.17
3	0.42	0.64	0.75	1.0	0.61	7.2	1.4	1.6	0.59	0.54	0.21	0.16
4	0.39	0.56	0.76	0.82	0.63	3.3	1.4	14	0.57	0.47	0.14	0.15
5	0.38	0.57	0.85	0.81	0.59	2.8	1.5	1.3	0.82	0.44	0.15	0.15
6	0.71	0.69	0.81	2.8	22	2.6	1.6	0.64	0.63	0.43	0.16	0.14
7	0.36	0.60	0.72	1.0	10	2.4	1.5	0.64	0.61	0.36	0.16	0.14
8	0.31	0.59	0.84	0.90	3.6	2.3	1.6	0.76	0.57	0.39	0.15	0.10
9	0.37	0.60	0.70	0.82	2.7	2.7	2.5	0.75	0.56	0.37	0.12	0.09
10	0.41	0.63	2.3	0.83	2.3	2.5	2.0	0.77	0.55	0.48	0.12	0.12
11	0.40	0.57	1.2	0.78	2.1	2.5	1.8	0.87	0.55	0.86	0.11	0.12
12	0.42	0.67	0.84	0.98	e2.0	6.6	1.8	0.80	0.54	0.56	0.11	0.10
13	0.45	0.70	0.92	0.81	e2.2	5.5	1.7	1.6	0.52	1.4	0.14	0.12
14	1.0	0.73	0.80	0.76	2.0	3.8	1.6	0.88	0.58	0.63	0.15	8.7
15	0.40	0.75	0.75	0.74	2.1	3.5	1.6	0.71	0.65	0.32	0.30	5.0
16	0.47	0.73	0.66	0.72	2.0	3.3	1.6	0.72	0.55	0.30	0.18	1.6
17	0.51	0.75	2.1	0.73	e1.9	3.1	1.5	0.71	0.52	0.27	0.14	1.0
18	0.51	0.68	1.3	0.73	e1.8	3.3	1.5	2.8	0.47	0.26	0.12	3.5
19	0.48	0.73	0.86	12	e1.8	3.5	1.5	0.98	0.51	0.23	1.5	1.1
20	0.47	0.76	0.81	1.9	2.3	3.6	1.5	0.85	0.46	0.23	0.45	0.89
21	0.46	0.72	0.84	0.98	1.8	5.8	1.4	0.78	0.45	0.19	0.28	0.82
22	0.52	0.67	0.80	0.76	1.7	3.9	1.4	0.76	1.1	0.21	0.19	0.73
23	0.51	3.0	0.76	4.8	1.7	3.7	1.4	0.71	0.83	0.23	0.17	0.80
24	0.48	2.8	0.88	1.7	1.6	3.5	1.4	0.69	0.68	0.24	0.10	0.78
25	0.49	0.88	0.74	4.7	1.6	3.6	2.0	0.69	0.65	0.20	0.23	0.86
26	0.46	0.77	0.78	1.1	1.7	4.0	1.3	0.64	0.79	0.22	0.21	1.2
27	0.51	0.77	0.78	0.82	1.6	3.7	1.3	0.65	0.83	0.21	0.19	2.1
28	0.55	0.76	0.89	0.76	1.7	3.6	1.2	0.65	0.61	0.16	0.18	0.92
29	0.67	0.77	0.80	0.73	---	3.5	1.2	0.67	0.58	0.16	0.19	0.77
30	0.86	0.79	0.70	0.74	---	9.6	1.2	1.7	0.49	0.21	0.23	0.83
31	0.83	---	0.77	0.75	---	13	---	0.76	---	0.25	0.24	---
TOTAL	15.60	25.31	28.35	48.53	77.37	134.2	48.8	56.58	18.54	11.82	7.19	33.32
MEAN	0.50	0.84	0.91	1.57	2.76	4.33	1.63	1.83	0.62	0.38	0.23	1.11
MAX	1.0	3.0	2.3	12	22	13	3.7	15	1.1	1.4	1.5	8.7
MIN	0.31	0.56	0.66	0.72	0.59	1.8	1.2	0.64	0.45	0.16	0.10	0.09
CFSM	0.16	0.26	0.28	0.48	0.85	1.34	0.50	0.56	0.19	0.12	0.07	0.34
IN.	0.18	0.29	0.33	0.56	0.89	1.54	0.56	0.65	0.21	0.14	0.08	0.38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2002, BY WATER YEAR (WY)

	1998	1999	2000	2001	2002
MEAN	1.02	1.42	1.47	2.47	3.04
MAX	1.46	2.17	2.13	3.59	4.67
(WY)	1999	1999	1999	1999	1999
MIN	0.50	0.84	0.91	1.57	2.02
(WY)	2002	2002	2002	2002	2001

SAVANNAH RIVER BASIN

02192830 BLUE HILL CREEK AT ABBEVILLE, SC--Continued

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1998 - 2002	
ANNUAL TOTAL	602.59		505.61			
ANNUAL MEAN	1.65		1.39		1.91	
HIGHEST ANNUAL MEAN					2.40	1999
LOWEST ANNUAL MEAN					1.39	2002
HIGHEST DAILY MEAN	33	Mar 15	22	Feb 6	82	Mar 8 1998
LOWEST DAILY MEAN	0.31	Oct 8	0.09	Sep 9	0.09	Sep 9 2002
ANNUAL SEVEN-DAY MINIMUM	0.39	Oct 7	0.11	Sep 7	0.11	Sep 7 2002
MAXIMUM PEAK FLOW			122	Feb 6	294	Jul 25 2000
MAXIMUM PEAK STAGE			3.96	Feb 6	8.58	Jul 25 2000
ANNUAL RUNOFF (CFSM)	0.51		0.43		0.59	
ANNUAL RUNOFF (INCHES)	6.92		5.81		8.00	
10 PERCENT EXCEEDS	2.8		2.9		2.9	
50 PERCENT EXCEEDS	0.93		0.76		1.3	
90 PERCENT EXCEEDS	0.48		0.20		0.51	

e Estimated

