

0211397263 BULL CREEK AT ASH HILL, NC

Upper Pee Dee Basin
Upper Yadkin Subbasin

LOCATION.--Lat 36°23'23", long 80°34'40" referenced to North American Datum of 1983, Surry County, NC, Hydrologic Unit 03040101, on left bank downstream of culvert on Secondary Road 2019, 0.2 miles southwest of Ash Hill, and 6 miles west of Pilot Mountain.

DRAINAGE AREA.--3.30 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 2004 to September 2007.

GAGE.--Water-stage recorder. Datum of gage is 972 ft above North American Vertical Datum of 1988.

REMARKS.--Records of discharge above 110 ft³/s based on step-backwater computations. Records fair except those for estimated daily discharges and those above 110 ft³/s, which are poor. Minimum discharge some years, and minimum discharge for period of record occurred as a result of withdrawals periodically made upstream from station.

0211397263 BULL CREEK AT ASH HILL, NC--Continued

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	---	---	---	---	---	---	---	---	---	3.3	2.1	1.6
2	---	---	---	---	---	---	---	---	2.3	3.7	2.1	1.7
3	---	---	---	---	---	---	---	---	2.1	4.3	1.9	1.8
4	---	---	---	---	---	---	---	---	4.7	4.1	1.8	1.8
5	---	---	---	---	---	---	---	---	3.0	3.5	1.8	1.6
6	---	---	---	---	---	---	---	---	2.6	3.0	1.7	1.7
7	---	---	---	---	---	---	---	---	2.5	2.9	1.6	6.0
8	---	---	---	---	---	---	---	---	2.5	2.7	1.6	79
9	---	---	---	---	---	---	---	---	2.4	2.6	1.8	5.9
10	---	---	---	---	---	---	---	---	2.4	2.5	1.8	4.5
11	---	---	---	---	---	---	---	---	2.3	2.7	2.0	4.2
12	---	---	---	---	---	---	---	---	2.2	2.4	3.1	4.0
13	---	---	---	---	---	---	---	---	2.4	2.6	2.2	3.7
14	---	---	---	---	---	---	---	---	2.4	2.5	2.2	4.0
15	---	---	---	---	---	---	---	---	3.0	2.1	2.1	3.8
16	---	---	---	---	---	---	---	---	20	2.1	2.0	3.3
17	---	---	---	---	---	---	---	---	5.2	3.7	2.7	9.3
18	---	---	---	---	---	---	---	---	3.2	6.0	4.6	4.6
19	---	---	---	---	---	---	---	---	2.7	4.2	5.6	3.1
20	---	---	---	---	---	---	---	---	2.4	2.7	3.3	2.7
21	---	---	---	---	---	---	---	---	3.3	2.4	2.3	2.5
22	---	---	---	---	---	---	---	---	3.0	2.4	2.1	2.3
23	---	---	---	---	---	---	---	---	3.4	2.3	2.0	2.0
24	---	---	---	---	---	---	---	---	2.9	2.1	1.9	2.0
25	---	---	---	---	---	---	---	---	9.8	1.9	1.9	1.9
26	---	---	---	---	---	---	---	---	6.9	8.3	1.8	1.9
27	---	---	---	---	---	---	---	---	3.6	8.2	1.7	21
28	---	---	---	---	---	---	---	---	3.1	4.7	1.6	70
29	---	---	---	---	---	---	---	---	2.9	3.0	1.6	5.9
30	---	---	---	---	---	---	---	---	2.7	2.6	1.5	3.9
31	---	---	---	---	---	---	---	---	---	2.3	1.4	---
Total	---	---	---	---	---	---	---	---	---	103.8	67.8	261.7
Mean	---	---	---	---	---	---	---	---	---	3.35	2.19	8.72
Max	---	---	---	---	---	---	---	---	---	8.3	5.6	79
Min	---	---	---	---	---	---	---	---	---	1.9	1.4	1.6
Cfsm	---	---	---	---	---	---	---	---	---	1.01	0.66	2.64
In.	---	---	---	---	---	---	---	---	---	1.17	0.76	2.95

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

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	---	---	---	---	---	---	---	---	---	3.35	2.19	8.72
Max	---	---	---	---	---	---	---	---	---	3.35	2.19	8.72
(WY)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(2004)	(2004)	(2004)
Min	---	---	---	---	---	---	---	---	---	3.35	2.19	8.72
(WY)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(2004)	(2004)	(2004)

0211397263 BULL CREEK AT ASH HILL, NC--Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.4	4.2	6.9	3.7	4.3	5.7	4.1	3.2	2.9	1.6	2.3	1.9
2	3.2	3.9	4.6	3.6	4.3	5.1	8.8	3.3	4.2	1.6	2.0	1.9
3	3.1	3.9	4.2	3.6	8.6	4.8	4.3	3.3	3.7	1.5	1.8	1.8
4	2.9	5.0	4.1	3.4	5.7	4.5	3.9	3.8	3.2	2.1	1.8	1.7
5	2.7	4.3	3.9	3.2	4.9	4.3	3.7	4.4	2.8	2.3	1.7	1.7
6	2.6	4.0	3.9	3.0	4.6	4.2	3.6	4.2	2.6	1.7	3.5	1.6
7	2.5	3.9	3.8	3.1	4.3	3.9	3.6	4.0	2.6	23	2.5	1.6
8	2.5	4.1	3.6	3.3	3.9	4.1	3.6	3.7	2.6	5.0	2.7	1.6
9	2.8	3.6	14	3.3	3.7	3.6	3.4	3.5	3.1	2.8	4.3	1.7
10	3.0	3.8	12	3.3	3.6	3.6	3.4	3.5	3.0	2.4	e4.0	1.7
11	2.7	4.2	7.1	3.2	3.6	3.6	3.6	3.3	2.4	4.5	2.6	1.7
12	4.0	20	4.9	3.3	3.8	3.5	3.7	3.5	2.4	3.5	2.2	2.1
13	65	7.0	4.3	47	4.3	3.5	7.8	3.5	2.3	2.2	1.9	2.0
14	12	4.9	4.4	25	4.4	3.6	5.6	3.4	2.2	2.5	1.7	1.6
15	4.6	4.4	4.1	7.3	4.2	3.6	4.4	3.6	2.0	2.3	3.1	1.6
16	3.8	4.1	3.9	5.5	3.9	4.4	4.7	2.9	1.8	3.8	6.2	1.8
17	3.8	4.0	3.8	4.9	3.9	4.9	4.5	2.8	1.8	2.9	4.9	1.8
18	3.6	3.9	3.6	4.5	4.0	4.5	4.4	2.8	1.7	9.0	3.0	1.7
19	4.5	3.7	3.5	4.4	4.1	4.4	4.1	3.8	1.7	4.0	2.6	1.7
20	3.9	3.7	3.4	4.3	4.2	4.2	3.8	5.1	1.6	2.8	2.2	1.9
21	3.8	3.6	3.5	4.4	4.0	4.1	3.7	3.0	1.6	2.9	2.0	2.7
22	3.8	3.5	3.5	4.3	3.8	4.2	5.9	2.7	1.6	3.8	1.8	2.0
23	3.8	4.7	17	4.0	3.8	15	4.1	2.7	1.7	2.4	2.5	1.7
24	4.2	20	6.6	4.0	4.5	6.6	3.3	2.6	1.7	2.6	2.1	2.1
25	3.9	8.6	5.0	3.9	4.0	5.3	3.1	2.5	1.6	1.9	2.0	1.7
26	3.8	5.1	4.5	3.7	3.9	4.9	3.2	2.4	1.7	1.6	2.1	2.1
27	4.2	4.8	4.2	3.7	4.2	6.4	3.1	2.4	1.9	1.4	2.1	2.1
28	4.1	4.6	4.1	3.8	7.2	37	3.2	2.6	2.3	1.6	2.1	2.0
29	4.3	4.2	4.0	4.3	---	7.4	4.5	2.7	1.8	2.2	2.1	1.9
30	4.2	4.1	3.9	5.2	---	5.0	3.4	2.7	1.7	2.4	2.2	1.8
31	4.3	---	3.8	4.5	---	4.3	---	2.6	---	3.9	2.0	---
Total	181.0	163.8	164.1	188.7	123.7	184.2	126.5	100.5	68.2	108.2	80.0	55.2
Mean	5.84	5.46	5.29	6.09	4.42	5.94	4.22	3.24	2.27	3.49	2.58	1.84
Max	65	20	17	47	8.6	37	8.8	5.1	4.2	23	6.2	2.7
Min	2.5	3.5	3.4	3.0	3.6	3.5	3.1	2.4	1.6	1.4	1.7	1.6
Cfsm	1.77	1.65	1.60	1.84	1.34	1.80	1.28	0.98	0.69	1.06	0.78	0.56
In.	2.04	1.85	1.85	2.13	1.39	2.08	1.43	1.13	0.77	1.22	0.90	0.62

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	5.84	5.46	5.29	6.09	4.42	5.94	4.22	3.24	2.27	3.42	2.38	5.28
Max	5.84	5.46	5.29	6.09	4.42	5.94	4.22	3.24	2.27	3.49	2.58	8.72
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)
Min	5.84	5.46	5.29	6.09	4.42	5.94	4.22	3.24	2.27	3.35	2.19	1.84
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)	(2005)

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SUMMARY STATISTICS

	Water Year 2005		Water Years 2004 - 2005	
Annual total	1,544.1			
Annual mean	4.23		4.23	
Highest annual mean			4.23	2005
Lowest annual mean			4.23	2005
Highest daily mean	65	Oct 13	79	Sep 8, 2004
Lowest daily mean	1.4	Jul 27	1.4	Aug 31, 2004
Annual seven-day minimum	1.6	Jun 19	1.6	Aug 27, 2004
Maximum peak flow	526	Oct 13	526	Oct 13, 2004
Maximum peak stage	5.13	Oct 13	5.13	Oct 13, 2004
Instantaneous low flow	0.76	Jul 1	0.76	Jul 1, 2005
Annual runoff (cfsm)	1.28		1.28	
Annual runoff (inches)	17.41		17.42	
10 percent exceeds	5.1		5.1	
50 percent exceeds	3.6		3.6	
90 percent exceeds	1.8		1.8	

0211397263 BULL CREEK AT ASH HILL, NC--Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.7	1.9	3.0	3.2	2.6	2.4	2.3	e2.2	3.9	2.5	1.2	1.6
2	1.8	1.7	2.5	11	2.7	2.4	2.1	e2.1	2.6	2.5	1.1	1.5
3	1.7	1.8	2.4	14	3.4	2.1	2.9	2.0	1.8	2.2	1.1	1.6
4	1.7	1.9	2.4	5.4	3.6	2.0	2.3	1.9	1.5	2.4	1.1	5.0
5	1.8	1.7	6.0	4.0	2.8	2.0	2.1	2.1	1.4	4.1	0.98	8.0
6	2.3	1.8	4.3	3.4	2.5	2.2	2.1	2.1	1.4	7.9	1.0	3.0
7	9.4	1.8	3.1	3.1	2.5	2.2	2.1	2.4	1.4	3.4	1.1	2.5
8	82	1.8	2.7	2.9	2.4	2.1	2.0	2.4	1.7	2.6	1.1	2.2
9	4.6	1.9	5.5	2.9	2.4	2.2	1.8	2.1	1.6	2.4	1.3	2.1
10	3.1	2.1	3.6	2.7	2.2	2.2	2.0	1.8	1.3	2.5	1.6	4.0
11	3.5	2.0	2.9	4.6	2.6	1.9	1.4	1.5	11	2.9	1.6	3.6
12	3.3	2.1	2.7	3.6	2.4	2.0	0.86	2.1	9.1	2.2	2.5	2.4
13	4.6	2.1	2.5	23	2.2	1.9	0.99	1.9	2.8	2.2	1.8	10
14	2.5	2.2	2.4	27	2.2	1.7	1.4	4.2	2.3	3.9	1.6	9.6
15	2.5	2.2	6.8	7.3	2.3	1.7	1.2	2.3	2.0	5.7	1.9	3.0
16	2.2	2.5	9.7	5.7	2.6	1.7	1.1	2.1	1.9	2.3	3.0	2.2
17	2.5	2.5	5.5	5.2	2.7	1.8	1.7	2.0	1.8	1.9	1.9	1.9
18	2.3	2.3	4.2	5.0	2.5	1.7	2.2	1.9	1.7	1.7	1.6	1.7
19	2.5	2.4	3.6	4.1	2.3	1.8	2.0	1.8	1.6	1.6	1.5	1.9
20	2.7	2.6	3.3	3.6	2.5	2.0	2.0	2.0	1.6	1.6	1.6	1.6
21	2.7	3.7	3.0	4.3	2.6	2.6	2.2	1.8	1.5	1.5	1.6	1.5
22	2.4	4.6	2.9	3.8	2.6	2.3	4.9	1.7	1.5	1.6	1.4	1.4
23	2.1	2.7	3.0	3.8	2.5	2.2	2.9	1.8	1.7	1.6	1.3	1.4
24	2.1	2.4	2.9	3.7	2.3	2.2	2.6	1.7	2.2	1.6	1.2	1.6
25	2.1	2.2	3.4	3.2	2.3	2.2	2.5	1.7	1.9	1.8	1.2	1.8
26	2.0	2.1	3.1	2.8	2.2	2.2	2.9	1.5	5.3	1.5	1.2	1.4
27	2.0	2.3	2.9	2.7	2.1	2.3	e4.4	1.5	35	2.0	1.2	1.3
28	2.1	5.3	3.2	2.9	2.4	2.4	e2.7	1.5	6.3	1.8	1.1	1.4
29	1.9	7.9	5.9	3.2	---	2.4	e2.5	1.6	3.3	1.6	1.1	1.5
30	1.8	3.8	3.8	3.1	---	2.4	e2.3	1.5	2.6	1.4	1.2	1.5
31	1.9	---	3.4	2.9	---	2.4	---	1.6	---	1.3	1.6	---
Total	161.8	78.3	116.6	178.1	70.4	65.6	66.45	60.8	115.7	76.2	44.68	84.2
Mean	5.22	2.61	3.76	5.75	2.51	2.12	2.21	1.96	3.86	2.46	1.44	2.81
Max	82	7.9	9.7	27	3.6	2.6	4.9	4.2	35	7.9	3.0	10
Min	1.7	1.7	2.4	2.7	2.1	1.7	0.86	1.5	1.3	1.3	0.98	1.3
Cfsm	1.58	0.79	1.14	1.74	0.76	0.64	0.67	0.59	1.17	0.74	0.44	0.85
In.	1.82	0.88	1.31	2.01	0.79	0.74	0.75	0.69	1.30	0.86	0.50	0.95

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2006, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	5.53	4.03	4.53	5.92	3.47	4.03	3.22	2.60	3.07	3.10	2.07	4.46
Max	5.84	5.46	5.29	6.09	4.42	5.94	4.22	3.24	3.86	3.49	2.58	8.72
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2006)	(2005)	(2005)	(2004)
Min	5.22	2.61	3.76	5.75	2.51	2.12	2.22	1.96	2.27	2.46	1.44	1.84
(WY)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2006)	(2005)	(2006)	(2006)	(2005)

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SUMMARY STATISTICS

	Calendar Year 2005		Water Year 2006		Water Years 2004 - 2006	
Annual total	1,391.9		1,118.83			
Annual mean	3.81		3.07		3.65	
Highest annual mean					4.23	
Lowest annual mean					3.07	
Highest daily mean	82	Oct 8	82	Oct 8	82	Oct 8, 2005
Lowest daily mean	1.4	Jul 27	0.86	Apr 12	0.86	Apr 12, 2006
Annual seven-day minimum	1.6	Jun 19	1.1	Aug 2	1.1	Aug 2, 2006
Maximum peak flow			609	Oct 8	609	Oct 8, 2005
Maximum peak stage			5.49	Oct 8	5.49	Oct 8, 2005
Instantaneous low flow			0.60	Apr 11	0.60	Apr 11, 2006
Annual runoff (cfsm)	1.16		0.929		1.11	
Annual runoff (inches)	15.69		12.61		15.02	
10 percent exceeds	4.9		4.3		4.9	
50 percent exceeds	3.1		2.2		2.7	
90 percent exceeds	1.7		1.5		1.6	

0211397263 BULL CREEK AT ASH HILL, NC--Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.6	2.3	2.7	45	2.7	8.9	2.5	2.5	1.3	2.0	e0.88	1.2
2	1.5	2.9	2.5	9.7	2.7	36	2.4	2.4	1.2	1.6	0.90	0.92
3	1.5	2.5	2.4	5.6	2.5	6.4	2.3	2.4	4.4	1.4	1.0	0.82
4	1.5	2.4	2.3	4.7	2.5	4.1	2.3	2.8	2.5	1.3	1.1	0.73
5	2.7	2.4	2.2	7.2	2.5	3.6	2.1	2.6	1.8	1.5	0.89	0.65
6	3.6	2.3	2.1	5.7	2.4	3.2	2.1	2.5	1.7	1.8	0.86	0.60
7	1.8	3.4	2.1	10	2.5	3.0	2.1	2.3	1.5	1.4	0.78	0.58
8	4.0	5.8	1.9	39	2.5	2.9	2.1	2.3	1.5	1.3	0.84	0.52
9	2.1	3.1	1.7	8.2	2.4	2.7	2.1	2.3	1.4	1.2	0.73	0.52
10	1.8	2.5	1.8	5.2	2.4	2.7	2.1	2.3	1.2	1.3	0.70	0.53
11	1.7	2.4	1.8	4.3	2.4	2.6	2.9	2.2	1.8	1.5	0.66	0.60
12	1.7	2.5	1.8	3.9	2.2	2.5	4.1	2.1	1.7	1.3	0.68	0.57
13	1.6	2.0	2.0	3.8	6.6	2.5	2.5	2.2	1.5	1.2	0.62	0.56
14	1.6	1.9	1.9	3.6	16	2.7	2.5	1.9	1.6	1.2	0.59	38
15	1.7	1.9	1.9	3.4	4.4	3.1	8.8	1.8	1.6	1.1	0.57	5.6
16	1.7	56	1.8	3.3	3.4	12	7.2	1.9	1.6	1.0	0.56	2.1
17	3.6	7.9	1.7	3.0	3.1	6.5	4.1	1.2	1.4	1.1	0.57	1.6
18	2.7	4.3	1.8	3.0	2.9	3.9	3.6	1.8	1.3	1.2	0.47	1.4
19	2.1	3.4	1.8	2.9	2.7	3.3	3.4	1.7	1.2	1.2	0.31	1.4
20	2.8	2.9	1.7	2.8	2.7	3.2	3.4	1.6	1.2	1.3	0.34	1.3
21	2.4	2.7	1.7	3.0	2.9	3.2	3.2	1.6	1.2	1.2	0.41	1.3
22	2.3	4.5	4.5	3.4	2.6	3.1	2.9	1.6	1.1	1.1	0.71	1.3
23	2.2	4.0	4.1	3.0	2.4	2.9	2.8	1.6	1.0	0.99	1.0	1.2
24	2.2	3.2	2.3	2.8	2.4	2.9	2.8	1.6	1.3	1.3	0.92	1.6
25	2.2	2.8	18	2.7	3.4	2.7	2.7	1.6	4.2	1.8	0.75	1.3
26	2.2	2.7	8.1	2.6	3.2	2.7	2.7	1.5	2.3	1.5	0.68	1.4
27	3.5	2.5	3.8	2.7	2.7	2.6	3.3	1.6	1.5	1.4	0.69	1.1
28	7.5	2.5	2.8	2.7	2.6	2.6	2.7	1.5	1.5	1.4	0.68	1.0
29	3.3	2.7	2.4	2.5	---	2.7	2.6	1.4	1.5	1.2	0.62	0.95
30	2.8	2.7	2.1	2.5	---	2.5	2.5	1.4	2.5	1.2	1.1	0.95
31	2.5	---	2.5	2.5	---	2.5	---	1.3	---	1.1	1.5	---
Total	76.4	145.1	92.2	204.7	93.7	146.2	92.8	59.5	51.5	41.09	23.11	72.30
Mean	2.46	4.84	2.97	6.60	3.35	4.72	3.09	1.92	1.72	1.33	0.75	2.41
Max	7.5	56	18	45	16	36	8.8	2.8	4.4	2.0	1.5	38
Min	1.5	1.9	1.7	2.5	2.2	2.5	2.1	1.2	1.0	0.99	0.31	0.52
Cfsm	0.75	1.47	0.90	2.00	1.01	1.43	0.94	0.58	0.52	0.40	0.23	0.73
In.	0.86	1.64	1.04	2.31	1.06	1.65	1.05	0.67	0.58	0.46	0.26	0.82

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	4.51	4.30	4.01	6.15	3.43	4.26	3.17	2.37	2.92	2.66	1.74	3.94
Max	5.84	5.46	5.29	6.60	4.42	5.94	4.22	3.24	3.86	3.49	2.58	8.72
(WY)	(2005)	(2005)	(2005)	(2007)	(2005)	(2005)	(2005)	(2005)	(2004)	(2005)	(2005)	(2004)
Min	2.46	2.61	2.97	5.75	2.51	2.12	2.22	1.92	1.72	1.33	0.75	1.84
(WY)	(2007)	(2006)	(2007)	(2006)	(2006)	(2006)	(2006)	(2007)	(2007)	(2007)	(2007)	(2005)

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SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 2004 - 2007	
Annual total	1,075.83		1,098.60			
Annual mean	2.95		3.01		3.54	
Highest annual mean					4.51	
Lowest annual mean					3.01	
Highest daily mean	56	Nov 16	56	Nov 16	82	Oct 8, 2005
Lowest daily mean	0.86	Apr 12	0.31	Aug 19	0.31	Aug 19, 2007
Annual seven-day minimum	1.1	Aug 2	0.46	Aug 15	0.46	Aug 15, 2007
Maximum peak flow			245	Sep 14	609	Oct 8, 2005
Maximum peak stage			3.56	Sep 14	5.49	Oct 8, 2005
Instantaneous low flow			0.24	Aug 18	0.24	Aug 18, 2007
Annual runoff (cfsm)	0.893		0.912		1.07	
Annual runoff (inches)	12.13		12.38		14.58	
10 percent exceeds	4.1		4.1		4.8	
50 percent exceeds	2.2		2.3		2.5	
90 percent exceeds	1.5		0.91		1.4	