

POTOMAC RIVER BASIN

01658705 LITTLE CREEK AT GEIGER ROAD AT QUANTICO, VA

LOCATION.--Lat 38°31'41", long 77°17'46", Prince William County, Hydrologic Unit 02070010, on left bank 75 ft downstream from bridge on Geiger Road on Quantico Marine Base, 2.7 mi east of U.S. Highway 1, and 0.7 mi upstream from Potomac River.

DRAINAGE AREA.--Not determined.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--February 1999 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 10 ft above sea level, from topographic map.

REMARKS.--Records fair except for period of no gage-height record, July 9-12, which is poor. Several measurements of water temperature were made during the year.

EXTREMES FOR CURRENT YEAR.--February to September 1999, maximum discharge, 135 ft³/s, Sep 30, gage height, 10.81 ft; minimum discharge, 0.14 ft³/s, Jun 2, 10, gage height, 7.25 ft.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	3.2	2.7	1.6	.59	.88	.34	.99
2	---	---	---	---	---	2.3	2.3	1.6	.47	1.2	.36	1.1
3	---	---	---	---	---	5.6	2.1	1.6	.81	1.1	.39	1.2
4	---	---	---	---	---	12	8.9	1.6	.54	.63	.35	2.9
5	---	---	---	---	---	3.4	4.0	1.5	.83	.56	.35	5.0
6	---	---	---	---	---	3.6	2.9	1.5	.84	.52	.30	2.2
7	---	---	---	---	---	2.8	2.7	1.5	.46	.50	.31	1.8
8	---	---	---	---	---	2.2	2.5	1.5	.34	.43	.29	1.0
9	---	---	---	---	---	2.4	3.7	1.4	.27	e.70	.37	1.3
10	---	---	---	---	---	3.0	2.7	1.3	.34	e.52	.32	1.0
11	---	---	---	---	---	2.6	2.5	1.2	.61	e.47	.28	.76
12	---	---	---	---	---	2.5	2.2	1.2	.56	e1.0	.20	.74
13	---	---	---	---	---	2.3	2.1	1.2	.62	.79	.22	.72
14	---	---	---	---	---	15	2.1	1.2	.59	.61	.39	.72
15	---	---	---	---	---	20	2.1	1.1	.55	.58	.45	3.7
16	---	---	---	---	---	5.3	2.0	1.2	.49	.53	.35	48
17	---	---	---	---	---	3.4	1.9	1.2	.63	.42	.29	2.4
18	---	---	---	---	---	2.7	1.8	.99	.61	.45	.26	1.3
19	---	---	---	---	---	2.3	1.9	1.1	.52	.46	.27	.94
20	---	---	---	---	---	2.2	2.0	.78	1.3	.47	1.9	.74
21	---	---	---	---	---	12	2.2	.74	1.2	.49	1.1	1.6
22	---	---	---	---	---	6.9	2.0	1.9	.71	.76	1.0	1.2
23	---	---	---	---	---	3.2	2.3	2.6	.66	.48	.61	.60
24	---	---	---	---	---	2.8	2.1	2.0	.63	.63	.92	.52
25	---	---	---	---	---	2.5	1.8	1.0	.64	.98	10	.48
26	---	---	---	---	---	2.2	1.8	1.0	.61	.43	2.1	.45
27	---	---	---	---	---	1.9	2.3	1.7	.81	.53	1.3	.49
28	---	---	---	---	---	6.5	2.2	1.7	.87	3.3	.60	.89
29	---	---	---	---	---	2.1	1.7	.75	1.0	.63	.88	2.4
30	---	---	---	---	---	2.0	1.6	.64	.90	.41	.88	21
31	---	---	---	---	---	2.0	---	.70	---	.40	1.0	---
TOTAL	---	---	---	---	---	139.0	74.0	39.28	22.15	19.08	28.67	108.55
MEAN	---	---	---	---	---	4.48	2.47	1.27	.74	.62	.92	3.62
MAX	---	---	---	---	---	20	8.9	2.6	3.3	1.2	10	48
MIN	---	---	---	---	---	2.0	1.6	.64	.27	.40	.20	.45

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STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 1999, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	---	---	---	---	---	4.48	2.47	1.27	.74	.62	.92	3.62
MAX	---	---	---	---	---	4.48	2.47	1.27	.74	.62	.92	3.62
(WY)	---	---	---	---	---	1999	1999	1999	1999	1999	1999	1999
MIN	---	---	---	---	---	4.48	2.47	1.27	.74	.62	.92	3.62
(WY)	---	---	---	---	---	1999	1999	1999	1999	1999	1999	1999

e Estimated.

