

## 0208732534 PIGEON HOUSE CREEK AT CAMERON VILLAGE AT RALEIGH, NC

LOCATION.--Lat 35°47'14.9", long 78°39'16.9", Wake County, Hydrologic Unit 03020201, on right bank, downstream of Cameron Village in Wells Park, on the upstream side of Forest Drive.

DRAINAGE AREA.--0.27 mi<sup>2</sup>.

## WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1996 to current year. Fragmentary records, July 1987 to September 1996, are available in the U.S.G.S. District Office, Raleigh, NC.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 320 ft above NGVD of 1929 from topographic map. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records poor. No flow occurred many days June to Oct. 2002.

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	0.01	0.02	0.05	2.0	0.25	1.1	0.05	0.06	0.09	0.25	1.3	0.06
2	0.01	0.02	0.24	0.11	0.20	0.55	0.05	0.06	0.05	5.2	0.68	0.04
3	0.01	0.02	0.33	0.65	0.18	0.06	0.05	0.06	0.12	0.26	0.16	0.04
4	0.01	0.06	1.2	0.10	0.86	0.29	0.05	0.06	0.13	0.18	0.07	0.69
5	0.01	1.0	3.8	0.09	0.06	0.45	0.50	0.27	0.05	0.13	1.4	0.05
6	0.00	1.8	0.36	0.09	1.2	4.4	0.05	0.52	0.05	0.04	0.10	0.04
7	0.00	0.02	0.17	0.08	1.7	0.13	1.8	0.06	4.7	0.05	0.05	0.04
8	0.00	0.02	0.16	0.09	0.09	0.07	0.95	0.07	0.26	0.04	11	1.3
9	0.00	0.02	0.23	0.09	0.08	0.06	2.2	0.08	0.06	0.04	0.36	0.05
10	0.36	0.02	0.14	0.10	0.94	0.05	6.4	0.07	0.04	0.04	5.2	0.04
11	16	0.40	1.7	0.09	0.09	0.06	0.41	0.06	0.10	0.18	0.21	0.04
12	0.03	3.0	0.03	0.09	0.07	0.05	0.15	0.05	0.58	0.04	0.07	0.04
13	0.02	0.82	5.6	0.09	0.07	0.36	0.11	0.05	0.05	0.06	0.06	0.05
14	0.02	0.03	0.45	0.07	0.12	0.08	0.10	0.05	0.04	0.80	0.28	0.09
15	0.43	0.02	0.23	0.05	0.30	0.04	0.13	0.45	2.2	0.04	0.05	0.04
16	0.65	0.52	0.16	0.12	0.26	1.3	0.09	0.08	1.1	0.47	0.30	0.04
17	0.01	0.94	0.13	0.14	0.29	0.06	0.09	0.05	0.17	0.06	0.05	0.03
18	0.01	0.09	0.12	0.06	1.4	0.04	0.10	0.61	0.67	2.0	0.76	3.6
19	0.03	0.02	0.47	0.06	0.26	0.06	0.10	1.2	0.65	0.20	0.05	0.31
20	0.01	0.02	1.7	0.21	0.20	6.4	0.09	0.06	1.4	0.09	0.04	0.04
21	3.0	0.02	0.13	0.12	0.28	0.24	0.18	0.05	0.06	0.04	0.04	0.04
22	0.65	0.02	0.14	0.08	4.4	0.10	0.75	3.6	0.05	0.04	1.3	1.0
23	0.02	0.02	0.14	0.13	0.25	0.07	0.09	0.90	0.05	0.05	0.05	0.81
24	0.02	0.02	2.4	0.06	0.05	0.06	0.08	0.08	0.05	0.11	0.04	0.05
25	0.01	0.02	1.3	0.13	0.04	0.06	1.4	0.59	0.05	0.04	0.04	0.05
26	0.02	0.02	0.25	0.15	0.35	0.08	0.74	0.12	0.06	0.03	0.04	0.05
27	0.01	0.02	0.23	0.10	3.9	0.05	0.13	0.09	0.05	0.03	0.04	0.07
28	2.3	0.02	0.26	0.07	0.33	0.05	0.07	0.06	0.05	0.03	0.04	0.04
29	0.75	0.02	0.24	0.18	---	0.17	0.07	0.60	0.05	17	0.04	0.04
30	0.65	0.02	0.32	1.9	---	1.2	0.06	0.07	1.1	0.63	0.04	0.04
31	0.02	---	0.40	0.32	---	0.06	---	0.72	---	0.05	2.6	---
TOTAL	25.07	9.06	23.08	7.62	18.22	17.75	17.04	10.85	14.08	28.22	26.46	8.82
MEAN	0.81	0.30	0.74	0.25	0.65	0.57	0.57	0.35	0.47	0.91	0.85	0.29
MAX	16	3.0	5.6	2.0	4.4	6.4	6.4	3.6	4.7	17	11	3.6
MIN	0.00	0.02	0.03	0.05	0.04	0.04	0.05	0.05	0.04	0.03	0.04	0.03
CFSM	3.00	1.12	2.76	0.91	2.41	2.12	2.10	1.30	1.74	3.37	3.16	1.09
IN.	3.45	1.25	3.18	1.05	2.51	2.45	2.35	1.49	1.94	3.89	3.65	1.22

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2003, BY WATER YEAR (WY)

MEAN	0.34	0.30	0.38	0.61	0.47	0.62	0.37	0.27	0.42	0.56	0.53	0.67
MAX	0.81	0.46	0.74	1.32	1.02	1.31	0.63	0.60	0.74	0.91	0.85	2.78
(WY)	(2003)	(1998)	(2003)	(1998)	(1998)	(1998)	(1997)	(1997)	(2001)	(2003)	(2003)	(1999)
MIN	0.034	0.043	0.12	0.055	0.11	0.33	0.048	0.050	0.18	0.21	0.17	0.082
(WY)	(2001)	(2002)	(2001)	(2001)	(2002)	(2002)	(2002)	(2002)	(1999)	(1999)	(2001)	(2002)

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SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1997 - 2003	
ANNUAL TOTAL	119.80		206.27		0.46	
ANNUAL MEAN	0.33		0.57		0.69 1998	
HIGHEST ANNUAL MEAN					0.20 2002	
LOWEST ANNUAL MEAN					0.00 Jun 24, 2002	
HIGHEST DAILY MEAN	16	Oct 11	17	Jul 29	17	Jul 29, 2003
LOWEST DAILY MEAN	0.00	Jun 24	0.00	Oct 6	0.00	Jun 24, 2002
ANNUAL SEVEN-DAY MINIMUM	0.00	Aug 5	0.00	Oct 3	0.00	Aug 5, 2002
MAXIMUM PEAK FLOW			604	Jul 29	622	Aug 21, 1999
MAXIMUM PEAK STAGE			8.11	Jul 29	8.23	Aug 21, 1999
INSTANTANEOUS LOW FLOW			0.00*	Oct 1	0.00*	Jun 24, 2002
ANNUAL RUNOFF (CFSM)	1.22		2.09		1.71	
ANNUAL RUNOFF (INCHES)	16.51		28.42		23.20	
10 PERCENT EXCEEDS	0.70		1.3		1.0	
50 PERCENT EXCEEDS	0.03		0.09		0.11	
90 PERCENT EXCEEDS	0.01		0.02		0.02	

\* See REMARKS.

