

0208732534 PIGEON HOUSE CREEK AT CAMERON VILLAGE AT RALEIGH, NC

LOCATION.--Lat 35°47'15", long 78°39'17", 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 mi².

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.--Records poor. No flow occurred many days June to Oct. 2002.

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	0.04	0.03	0.03	0.05	0.04	e0.09	e0.20	e0.40	e0.06	e0.10	e0.20	e0.09
2	0.04	0.03	0.03	0.04	0.05	e0.08	e0.10	e1.8	e0.05	e0.20	e1.6	e0.08
3	0.05	0.04	0.03	0.04	1.5	e0.08	e0.08	e0.50	e0.10	e0.10	e0.20	e0.08
4	0.04	0.04	0.56	0.04	0.06	e0.09	e0.09	e0.10	e0.60	e0.08	e0.10	e0.08
5	0.04	0.04	0.34	0.39	e0.06	e0.10	e0.08	e0.08	e0.10	e0.07	e1.1	e0.07
6	0.04	0.41	0.04	0.04	e1.2	e0.20	e0.08	e0.08	e0.07	e0.04	e0.20	e0.10
7	0.08	0.05	0.04	0.04	e0.40	e0.20	e0.08	e0.07	e0.08	e0.05	e0.10	e0.40
8	1.1	0.29	0.04	0.04	e0.07	e0.10	e0.07	e0.07	e0.07	e0.04	e0.06	e1.3
9	0.26	0.03	0.04	0.19	e0.06	e0.20	e0.09	e0.06	e0.09	e0.04	e0.04	e0.10
10	0.63	0.03	2.7	0.04	e0.06	e0.10	e0.07	e0.07	e0.08	e0.05	e0.05	e0.08
11	0.25	0.04	0.15	0.04	e0.05	e0.08	e0.10	e0.07	e0.10	e0.10	e0.10	e0.07
12	0.17	0.04	0.05	0.05	e1.0	e0.06	e1.0	e0.06	e0.09	e1.2	e1.1	e0.07
13	0.12	0.04	0.09	0.03	e0.10	e0.07	e0.30	e0.06	e0.07	e0.10	e3.3	e0.10
14	0.56	0.03	2.7	0.03	e0.20	e0.10	e0.10	e0.07	e0.10	e0.06	e2.2	e0.60
15	0.11	0.03	0.08	0.03	e0.50	e1.0	e0.08	e0.06	e0.30	e0.05	e2.3	e0.80
16	0.03	0.04	0.05	0.03	e0.30	e1.1	e0.08	e0.06	e0.10	e0.06	e0.20	e0.10
17	0.18	0.04	0.59	0.04	e0.20	e0.20	e0.07	e0.07	e0.07	e0.10	e0.10	e2.9
18	0.08	0.04	0.05	0.53	e0.14	e0.50	e0.07	e0.10	e0.08	e0.40	e0.08	e0.50
19	0.03	2.0	0.06	0.03	e0.10	e0.20	e0.06	e0.70	e0.09	e0.10	e0.07	e0.10
20	0.03	0.06	0.06	0.03	e0.09	e0.10	e0.06	e0.10	e0.08	e0.07	e0.10	e0.08
21	0.03	0.04	0.06	0.02	e0.09	e0.09	e0.07	e0.08	e0.09	e0.10	e1.8	e0.07
22	0.03	0.04	0.07	0.03	e0.08	e0.08	e0.06	e0.07	e0.10	e1.4	e0.40	e0.07
23	0.03	0.04	0.37	0.03	e0.08	e0.07	e0.06	e0.06	e0.07	e2.1	e0.10	e0.06
24	0.03	0.04	0.22	0.03	e0.09	e0.07	e0.07	e0.06	e0.10	e0.20	e0.07	e0.06
25	0.03	0.04	0.05	0.03	e0.10	e0.06	e0.10	e0.05	e0.40	e0.16	e0.07	e0.05
26	0.05	0.04	0.05	0.03	e0.20	e0.06	e0.60	e0.06	e0.70	e0.13	e0.08	e0.07
27	0.03	0.04	0.04	0.10	e0.60	e0.06	e0.20	e0.06	e0.10	e0.08	e0.09	e0.10
28	1.6	0.29	0.04	0.28	e0.20	e0.07	e0.10	e0.05	e0.80	e0.10	e0.10	e1.0
29	2.0	0.04	0.04	0.28	e0.10	e0.06	e0.08	e0.10	e0.50	e1.0	e0.20	e0.10
30	0.06	0.03	0.04	0.13	---	e0.08	e0.10	e0.30	e0.10	e0.10	e4.3	e0.08
31	0.03	---	0.04	0.04	---	e0.07	---	e0.10	---	e0.60	e0.10	---
TOTAL	7.80	3.99	8.75	2.75	7.72	5.42	4.30	5.57	5.34	8.98	20.51	9.36
MEAN	0.25	0.13	0.28	0.09	0.27	0.17	0.14	0.18	0.18	0.29	0.66	0.31
MAX	2.0	2.0	2.7	0.53	1.5	1.1	1.0	1.8	0.80	2.1	4.3	2.9
MIN	0.03	0.03	0.03	0.02	0.04	0.06	0.06	0.05	0.05	0.04	0.04	0.05
CFSM	0.93	0.49	1.05	0.33	0.99	0.65	0.53	0.67	0.66	1.07	2.45	1.16
IN.	1.07	0.55	1.21	0.38	1.06	0.75	0.59	0.77	0.74	1.24	2.83	1.29

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2004, BY WATER YEAR (WY)

MEAN	0.33	0.28	0.36	0.54	0.44	0.56	0.34	0.26	0.39	0.52	0.54	0.62
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	0.03	0.04	0.12	0.05	0.11	0.17	0.05	0.05	0.18	0.21	0.17	0.08
(WY)	(2001)	(2002)	(2001)	(2001)	(2002)	(2004)	(2002)	(2002)	(1999)	(1999)	(2001)	(2002)

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1997 - 2004	
ANNUAL TOTAL	169.60		90.49		0.43	
ANNUAL MEAN	0.46		0.25		0.69	
HIGHEST ANNUAL MEAN					0.20	
LOWEST ANNUAL MEAN					0.00	
HIGHEST DAILY MEAN	17	Jul 29	4.3	Aug 30	17	Jul 29, 2003
LOWEST DAILY MEAN	0.03	Jul 26	0.02	Jan 21	0.00	Jun 24, 2002
ANNUAL SEVEN-DAY MINIMUM	0.03	Oct 19	0.03	Jan 19	0.00	Aug 5, 2002
MAXIMUM PEAK FLOW			NOT DETERMINED		622	Aug 21, 1999
MAXIMUM PEAK STAGE			NOT DETERMINED		8.23	Aug 21, 1999
INSTANTANEOUS LOW FLOW			NOT DETERMINED		0.00*	Jun 24, 2002
ANNUAL RUNOFF (CFSM)	1.72		0.916		1.61	
ANNUAL RUNOFF (INCHES)	23.37		12.47		21.86	
10 PERCENT EXCEEDS	1.1		0.60		0.96	
50 PERCENT EXCEEDS	0.07		0.08		0.10	
90 PERCENT EXCEEDS	0.04		0.04		0.02	

* See REMARKS.
e Estimated.

