

NEUSE RIVER BASIN

0208732534 PIGEON HOUSE CREEK AT CAMERON VILLAGE AT RALEIGH, NC

LOCATION.--Lat 35°47'14", 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 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.--Records poor. No flow occurred many days June to Aug. 2002.

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	0.01	0.01	0.02	0.02	0.03	0.04	0.16	0.02	0.29	0.01	0.00	0.12
2	0.01	0.01	0.02	0.03	0.03	1.5	0.03	0.02	0.01	0.01	0.00	0.02
3	0.01	0.01	e0.03	0.06	0.03	0.12	0.02	0.02	0.01	0.01	0.00	0.01
4	0.01	0.01	e0.03	0.20	0.03	0.04	0.02	0.43	0.01	0.01	0.02	0.01
5	0.01	0.01	e0.02	0.14	0.03	0.04	0.02	0.03	0.01	0.53	0.00	0.04
6	1.0	0.01	e0.03	2.1	0.38	0.04	0.02	0.02	3.2	0.03	0.00	0.01
7	0.02	0.01	e0.03	0.25	1.8	0.04	0.02	0.02	0.08	0.01	0.00	0.01
8	0.01	0.01	0.03	0.07	0.09	0.07	0.02	0.02	0.01	0.01	0.00	0.02
9	0.01	0.01	0.03	0.05	0.04	0.05	0.02	0.02	0.01	0.01	0.00	0.01
10	0.01	0.01	0.81	0.05	0.11	0.04	0.63	0.02	0.01	2.9	0.00	0.01
11	0.01	0.01	2.8	0.04	0.04	0.04	0.02	0.05	0.01	0.70	0.00	0.01
12	0.01	0.01	0.03	0.17	0.04	0.05	0.02	0.02	0.01	0.02	0.00	0.01
13	0.01	0.01	0.03	0.17	0.03	0.17	0.02	0.31	0.01	0.01	0.00	0.01
14	3.4	0.01	0.03	0.03	0.03	0.06	0.02	0.03	0.01	0.11	0.02	0.14
15	0.03	0.01	0.02	0.03	0.03	0.05	0.02	0.01	0.01	0.02	2.0	0.55
16	0.01	0.01	0.02	0.03	0.03	0.04	0.02	0.01	0.01	0.01	0.62	1.3
17	0.01	0.01	0.34	0.03	0.03	0.76	0.02	0.02	0.01	0.01	0.38	0.01
18	0.01	0.01	0.11	0.03	0.03	0.07	0.07	0.25	0.01	0.59	2.6	0.01
19	0.01	0.01	0.03	5.2	0.03	0.05	0.05	0.02	0.01	0.09	0.02	0.01
20	0.01	0.01	0.02	0.19	0.04	0.20	0.02	0.02	0.01	0.09	0.01	0.01
21	0.01	0.01	0.02	0.47	0.04	0.60	0.02	0.02	0.01	0.02	0.01	0.01
22	0.01	0.01	0.02	0.04	0.04	0.05	0.02	0.02	0.01	0.10	0.00	0.01
23	0.01	0.01	0.02	4.0	0.04	0.05	0.02	0.02	0.01	0.06	0.00	0.01
24	0.01	0.67	0.13	0.18	0.04	0.05	0.02	0.01	0.00	1.2	0.00	0.01
25	0.01	0.31	0.02	0.43	0.04	0.05	0.02	0.01	0.00	0.14	0.03	0.01
26	0.01	0.01	0.02	0.04	0.04	1.4	0.02	0.01	0.10	3.2	0.05	0.04
27	0.01	0.01	0.02	0.04	0.04	0.28	0.02	0.01	1.0	0.03	0.70	0.03
28	0.01	0.02	0.02	0.04	0.04	0.11	0.02	0.01	2.3	0.01	0.07	0.01
29	0.01	0.02	0.02	0.03	---	0.05	0.02	0.01	0.05	0.01	0.01	0.01
30	0.01	0.02	0.02	0.03	---	0.05	0.02	0.01	0.01	0.01	2.8	0.01
31	0.01	---	0.02	0.03	---	4.0	---	0.02	---	0.00	3.0	---
TOTAL	4.72	1.29	4.81	14.22	3.22	10.16	1.44	1.54	7.24	9.96	12.34	2.47
MEAN	0.152	0.043	0.155	0.459	0.115	0.328	0.048	0.050	0.241	0.321	0.398	0.082
MAX	3.4	0.67	2.8	5.2	1.8	4.0	0.63	0.43	3.2	3.2	3.0	1.3
MIN	0.01	0.01	0.02	0.02	0.03	0.04	0.02	0.01	0.00	0.00	0.00	0.01
CFSM	0.56	0.16	0.57	1.70	0.43	1.21	0.18	0.18	0.89	1.19	1.47	0.30
IN.	0.65	0.18	0.66	1.96	0.44	1.40	0.20	0.21	1.00	1.37	1.70	0.34

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2002, BY WATER YEAR (WY)

	1997	1998	1999	2000	2001	2002
MEAN	0.267	0.304	0.315	0.667	0.438	0.627
MAX	0.46	0.46	0.51	1.32	1.02	1.31
(WY)	2000	1998	1998	1998	1998	1997
MIN	0.034	0.043	0.12	0.055	0.11	0.33
(WY)	2001	2002	2001	2001	2002	2002

SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 1997 - 2002

ANNUAL TOTAL	86.97	73.41	
ANNUAL MEAN	0.238	0.201	0.444
HIGHEST ANNUAL MEAN			0.69
LOWEST ANNUAL MEAN			0.20
HIGHEST DAILY MEAN	13 Jun 16	5.2 Jan 19	15 Aug 31 1997
LOWEST DAILY MEAN	0.01 Jun 19	0.00 Jun 24	0.00 Jun 24 2002
ANNUAL SEVEN-DAY MINIMUM	0.01 Sep 12	0.00 Aug 5	0.00 Aug 5 2002
MAXIMUM PEAK FLOW		192 Jun 28	622 Aug 21 1999
MAXIMUM PEAK STAGE		4.72 Jun 28	8.23 Aug 21 1999
INSTANTANEOUS LOW FLOW		0.00* Jun 24	0.00* Jun 24 2002
ANNUAL RUNOFF (CFSM)	0.88	0.74	1.64
ANNUAL RUNOFF (INCHES)	11.98	10.11	22.33
10 PERCENT EXCEEDS	0.32	0.38	0.93
50 PERCENT EXCEEDS	0.02	0.02	0.11
90 PERCENT EXCEEDS	0.01	0.01	0.02

e Estimated.  
\* See REMARKS.

0208732534 PIGEON HOUSE CREEK AT CAMERON VILLAGE AT RALEIGH, NC--Continued

