0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC

LOCATION.--Lat 35°43'55", long 78°40'34", Wake County, Hydrologic Unit 03020201, 0.4 mi east of Secondary Road 1371 and approximately 1 mi northeast of Yates Mill Pond.

DRAINAGE AREA.--0.21 mi^2.

PERIOD OF RECORD.--May 2002 to September 2004 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 320 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--Records poor. No flow, part of many days, occurs most years.

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	0.25	0.26	0.33	0.38	0.34	0.45	0.54	0.18	0.01	0.07	0.08	0.43
2	0.22	0.26	0.31	0.38	0.36	0.44	0.47	0.56	0.01	0.05	0.23	0.37
3	e0.26	0.27	0.34	0.37	0.64	0.43	0.43	0.56	0.01	0.05	0.09	0.34
4	e0.30	0.30	0.44	0.34	0.42	0.40	0.40	0.25	0.12	0.05	0.04	0.34
5	e0.21	0.34	0.45	0.33	0.39	0.38	0.41	0.19	0.04	0.05	0.71	0.32
6	0.25	0.43	0.36	0.25	0.52	0.35	0.40	0.13	0.02	0.03	0.45	0.40
7	0.27	0.36	0.36	0.25	1.3	0.35	0.38	0.11	0.03	0.02	0.12	0.47
8	0.36	0.44	0.35	0.27	0.43	0.35	0.36	0.09	0.02	0.01	0.08	1.3
9	0.36	0.38	0.36	0.32	0.41	0.40	0.32	0.09	0.09	0.01	0.05	0.61
10	0.32	0.37	1.1	0.31	0.41	0.36	0.30	0.08	0.03	0.01	0.05	0.44
11	0.25	0.38	0.60	0.30	0.39	0.34	0.31	e0.08	0.01	0.02	0.05	0.42
12	0.22	0.37	0.40	0.37	0.83	0.34	0.54	e0.07	0.02	0.04	0.14	0.40
13	0.21	0.36	0.38	0.35	0.47	0.36	0.42	e0.06	0.02	0.04	0.12	0.40
14	0.31	0.39	1.7	0.33	0.47	0.38	0.32	0.05	0.04	0.03	0.77	0.57
15	0.15	0.40	0.46	0.31	0.55	0.49	0.27	0.04	0.02	0.02	3.4	0.57
16	0.11	0.37	0.39	0.30	0.58	0.78	0.24	0.04	0.02	0.01	0.90	0.50
17	0.12	0.37	0.52	0.30	0.49	0.84	0.22	0.03	0.02	0.01	0.41	1.2
18	0.14	0.36	0.39	0.41	0.46	0.81	0.20	0.03	0.01	0.05	0.33	1.0
19	0.11	0.71	0.38	0.31	0.44	0.75	0.18	0.07	0.01	0.02	0.27	0.58
20	0.11	0.38	0.37	0.28	0.43	0.61	0.16	0.05	0.01	0.01	0.24	0.52
21	0.11	0.31	0.37	0.29	0.44	0.59	0.14	0.03	0.01	0.01	0.42	0.50
22	0.10	0.31	0.38	0.32	0.40	0.57	0.14	0.02	0.01	0.08	0.86	0.47
23	0.10	0.32	0.41	0.29	0.39	0.58	0.13	0.02	0.01	0.09	0.35	0.47
24	0.11	0.33	0.41	0.29	0.39	0.58	0.13	0.02	0.08	0.02	0.31	0.47
25	0.11	0.32	0.35	0.30	0.37	0.57	0.13	0.02	0.10	0.03	0.28	0.49
26	0.12	0.34	0.35	0.32	0.41	0.57	0.18	0.01	0.14	0.02	0.28	0.47
27	0.14	0.33	0.36	0.34	0.56	0.57	0.24	0.01	0.05	0.02	0.26	0.53
28	0.35	0.36	0.37	0.37	0.75	0.54	0.17	0.01	0.24	0.01	0.26	0.74
29	0.99	0.30	0.38	0.43	0.49	0.52	0.15	0.01	0.09	0.05	0.29	0.53
30	0.31	0.33	0.36	0.44	---	0.55	0.14	0.12	0.06	0.04	2.9	0.54
31	0.28	---	0.36	0.37	---	0.56	---	0.03	---	0.19	0.66	---
TOTAL	7.25	10.75	14.09	10.22	14.53	15.81	8.42	3.06	1.35	1.16	15.40	16.39
MEAN	0.23	0.36	0.45	0.33	0.50	0.51	0.28	0.10	0.04	0.04	0.50	0.55
MAX	0.99	0.71	1.7	0.44	1.3	0.84	0.54	0.56	0.24	0.19	3.4	1.3
MIN	0.10	0.26	0.31	0.25	0.34	0.34	0.13	0.01	0.01	0.01	0.04	0.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2004, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	0.28	0.39	0.52	0.28	0.49	0.42	0.31	0.12	0.17	0.14	0.37	0.30
MAX	0.33	0.41	0.58	0.33	0.50	0.51	0.33	0.22	0.46	0.37	0.58	0.55
(WY)	(2003)	(2003)	(2003)	(2004)	(2004)	(2004)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)
MIN	0.23	0.36	0.45	0.23	0.47	0.33	0.28	0.03	0.02	0.02	0.04	0.04
(WY)	(2004)	(2004)	(2004)	(2003)	(2003)	(2003)	(2004)	(2002)	(2002)	(2002)	(2002)	(2002)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2002 - 2004	
ANNUAL TOTAL	132.07		118.43			
ANNUAL MEAN	0.36		0.32		0.35	
HIGHEST ANNUAL MEAN					0.38	2003
LOWEST ANNUAL MEAN					0.32	2004
HIGHEST DAILY MEAN	4.6	Aug 8	3.4	Aug 15	4.6	Aug 8, 2003
LOWEST DAILY MEAN	0.06	Jul 31	0.01	May 26	0.01	Jun 18, 2002
ANNUAL SEVEN-DAY MINIMUM	0.08	Jul 22	0.01	Jun 17	0.01	Jun 29, 2002
MAXIMUM PEAK FLOW			18	Aug 15	60	Aug 8, 2003
MAXIMUM PEAK STAGE			1.80	Aug 15	2.48	Aug 8, 2003
INSTANTANEOUS LOW FLOW			0.00*	May 18	0.00	May 18, 2004
10 PERCENT EXCEEDS	0.60		0.57		0.60	
50 PERCENT EXCEEDS	0.26		0.32		0.28	
90 PERCENT EXCEEDS	0.14		0.02		0.05	

* See REMARKS.
e Estimated.

0208762750 UNNAMED TRIB TO SWIFT CREEK NEAR YATES MILL POND, NC—Continued