

NEUSE RIVER BASIN

02087580 SWIFT CREEK NEAR APEX, NC

LOCATION.--Lat 35°43'07", long 78°45'09", Wake County, Hydrologic Unit 03020201, on right bank at downstream side of bridge on Secondary Road 1152, 2.8 mi downstream from Williams Creek, and 6 mi east of Apex, NC.

DRAINAGE AREA.--21.0 mi²

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Occasional discharge measurements, water years 1953-69. March 2002 to September 2002.

GAGE.--Water-stage recorder. Datum of gage is 306.22 ft above NGVD of 1929. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. No flow occurred several days in Aug. 2002.

DISCHARGE, CUBIC FEET PER SECOND, FOR PERIOD MARCH TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	2.5	319	0.45	2.0	0.18	e0.04	115
2	---	---	---	---	---	27	45	0.46	2.7	0.10	e0.03	29
3	---	---	---	---	---	61	23	0.45	0.42	0.07	0.01	15
4	---	---	---	---	---	21	14	7.5	0.31	0.07	0.02	8.3
5	---	---	---	---	---	9.4	7.0	5.6	0.26	16	0.00	5.0
6	---	---	---	---	---	6.8	5.1	1.0	0.24	22	0.00	2.5
7	---	---	---	---	---	6.1	3.2	0.64	3.7	0.41	0.00	1.4
8	---	---	---	---	---	5.1	2.8	0.55	0.46	0.15	0.00	1.00
9	---	---	---	---	---	5.0	3.0	0.47	0.27	0.08	0.00	0.94
10	---	---	---	---	---	6.3	44	0.41	0.19	0.06	0.00	1.2
11	---	---	---	---	---	3.9	17	0.41	0.14	2.9	0.00	0.90
12	---	---	---	---	---	3.7	5.8	0.39	0.11	0.21	0.00	0.72
13	---	---	---	---	---	9.0	4.1	1.6	0.09	0.19	0.00	0.67
14	---	---	---	---	---	9.2	3.1	8.3	0.07	10	0.00	1.9
15	---	---	---	---	---	6.7	2.7	0.77	0.08	1.2	3.2	12
16	---	---	---	---	---	5.5	2.0	0.41	0.08	0.24	18	53
17	---	---	---	---	---	20	1.4	0.33	0.12	0.13	25	23
18	---	---	---	---	---	21	1.1	0.89	0.15	e0.07	4.5	9.0
19	---	---	---	---	---	9.6	0.95	0.85	0.09	e2.0	20	4.3
20	---	---	---	---	---	10	0.89	0.46	0.08	0.29	12	2.6
21	---	---	---	---	---	33	0.82	0.35	0.07	0.18	1.0	1.5
22	---	---	---	---	---	23	1.1	0.30	0.06	0.12	0.41	0.97
23	---	---	---	---	---	7.6	0.68	0.28	0.05	1.8	0.26	0.82
24	---	---	---	---	---	5.3	0.55	0.28	e0.05	3.1	0.19	0.81
25	---	---	---	---	---	4.9	0.55	0.26	e0.02	50	0.16	0.66
26	---	---	---	---	---	23	0.52	0.24	0.01	18	1.7	0.75
27	---	---	---	---	---	93	0.50	0.22	2.8	2.1	19	3.3
28	---	---	---	---	---	22	0.57	0.21	0.25	0.43	18	3.2
29	---	---	---	---	---	12	0.58	0.22	14	e0.22	5.0	1.2
30	---	---	---	---	---	8.4	0.48	0.22	0.40	e0.12	94	0.77
31	---	---	---	---	---	114	---	0.25	---	e0.05	305	---
TOTAL	---	---	---	---	---	595.0	511.49	34.77	29.27	132.47	527.52	301.41
MEAN	---	---	---	---	---	19.19	17.05	1.122	0.976	4.273	17.02	10.05
MAX	---	---	---	---	---	114	319	8.3	14	50	305	115
MIN	---	---	---	---	---	2.5	0.48	0.21	0.01	0.05	0.00	0.66
CFSM	---	---	---	---	---	0.98	0.87	0.06	0.05	0.22	0.87	0.52
IN.	---	---	---	---	---	1.14	0.98	0.07	0.06	0.25	1.01	0.57

STATISTICS OF MONTHLY MEAN DATA FOR PERIOD MARCH TO SEPTEMBER 2002

	MEAN	MAX	(WY)	MIN	(WY)
MEAN	---	---	---	---	---
MAX	---	---	---	---	---
(WY)	---	---	---	---	---
MIN	---	---	---	---	---
(WY)	---	---	---	---	---

SUMMARY STATISTICS

FOR PERIOD MARCH TO SEPTEMBER 2002

INSTANTANEOUS PEAK FLOW	701	Apr 1
INSTANTANEOUS PEAK STAGE	10.24	Apr 1
INSTANTANEOUS LOW FLOW	0.00*	Aug 5

e Estimated.
* See REMARKS.

02087580 SWIFT CREEK NEAR APEX, NC--Continued

