

02134480 BIG SWAMP NEAR TARHEEL, NC

LOCATION.--Lat 34°42'38", long 78°50'11", Robeson County, Hydrologic Unit 03040203, on left bank at downstream side of bridge on Secondary Road 1004, and 2.8 mi southwest of Tarheel.

DRAINAGE AREA.--229 mi².

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1949-54, 1957-58, 1962-68. October 1985 to current year.

REVISED RECORDS.--WDR NC-98-1(M).

GAGE.--Water-stage recorder. Elevation of gage is 105 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--Records fair except for discharges below 50 ft³/s and those for estimated daily discharges, which are poor. No flow also occurred Sept. 1-4, 1993, June 12-13, July 3-27, Aug. 7-28, 2002.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	262	67	164	217	168	260	257	64	27	94	270	e13
2	267	67	168	206	177	259	276	61	32	111	281	e11
3	263	66	168	195	194	271	290	57	40	88	271	e9.6
4	256	65	161	184	211	276	290	53	56	69	247	e8.3
5	241	68	149	172	210	262	290	51	67	56	213	e7.3
6	220	65	137	160	206	245	288	66	71	48	176	e6.8
7	199	65	127	148	207	228	276	72	64	e54	121	e6.8
8	182	63	117	140	205	217	263	77	52	e56	74	e6.6
9	166	61	110	133	198	207	253	77	53	e56	75	e6.1
10	150	58	116	125	194	196	236	72	71	e57	96	e5.5
11	130	56	123	117	186	191	215	63	74	e61	84	e5.0
12	112	60	126	109	178	192	203	53	62	e73	76	e4.8
13	106	101	132	104	169	190	221	46	55	e101	71	e5.3
14	102	113	139	130	162	184	281	42	54	129	64	e7.5
15	99	125	138	171	156	173	352	39	47	151	61	e10
16	101	143	128	192	148	170	479	39	40	158	61	e11
17	100	159	116	243	138	192	519	36	34	134	54	e10
18	101	163	107	301	126	205	440	37	30	77	44	e9.3
19	102	153	101	316	115	229	369	36	27	55	39	e8.2
20	96	135	94	299	107	272	311	35	e28	53	37	e7.6
21	90	119	88	271	104	293	269	36	e32	44	36	e7.5
22	86	107	85	242	109	292	237	35	e35	44	33	e7.9
23	82	122	87	217	109	301	206	35	e34	61	e30	e8.7
24	78	135	85	197	133	301	177	35	e30	58	e28	e10
25	75	137	83	185	162	293	142	34	e28	48	e27	e12
26	73	134	107	173	176	293	107	32	e27	39	e26	e13
27	71	134	137	161	197	286	86	31	32	33	e25	e14
28	70	160	156	148	242	284	77	28	32	28	e22	e15
29	69	166	176	140	---	274	70	26	51	63	e18	e14
30	68	164	206	152	---	259	66	25	68	246	e16	e13
31	67	---	222	165	---	251	---	26	---	253	e14	---
TOTAL	4,084	3,231	4,053	5,713	4,687	7,546	7,546	1,419	1,353	2,598	2,690	274.8
MEAN	132	108	131	184	167	243	252	45.8	45.1	83.8	86.8	9.16
MAX	267	166	222	316	242	301	519	77	74	253	281	15
MIN	67	56	83	104	104	170	66	25	27	28	14	4.8
CFSM	0.58	0.47	0.57	0.80	0.73	1.06	1.10	0.20	0.20	0.37	0.38	0.04
IN.	0.66	0.52	0.66	0.93	0.76	1.23	1.23	0.23	0.22	0.42	0.44	0.04

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 2005, BY WATER YEAR (WY)

MEAN	179	164	217	381	372	407	268	120	104	102	137	221
MAX	1,094	382	396	1,001	1,418	1,194	571	362	474	469	551	923
(WY)	(2000)	(1993)	(1990)	(1993)	(1998)	(1998)	(1993)	(1999)	(1995)	(2003)	(2003)	(1999)
MIN	3.43	15.3	30.1	92.9	127	121	66.8	11.5	2.05	0.07	8.42	6.98
(WY)	(1999)	(1999)	(2002)	(1986)	(1986)	(2002)	(1986)	(2002)	(2002)	(2002)	(2002)	(1997)

02134480 BIG SWAMP NEAR TARHEEL, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1986 - 2005	
ANNUAL TOTAL	80,688		45,194.8		222	
ANNUAL MEAN	220		124		395	
HIGHEST ANNUAL MEAN					62.9	1998
LOWEST ANNUAL MEAN					3,900	2002
HIGHEST DAILY MEAN	1,580	Sep 13	519	Apr 17	0.00	Feb 6, 1998
LOWEST DAILY MEAN	13	Jul 17	4.8	Sep 12	0.00	Aug 31, 1993
ANNUAL SEVEN-DAY MINIMUM	16	Jul 14	5.7	Sep 7	0.00	Jul 3, 2002
MAXIMUM PEAK FLOW			594	Apr 17	3,510	Sep 17, 1999
MAXIMUM PEAK STAGE			10.99	Apr 17	14.34	Sep 17, 1999
INSTANTANEOUS LOW FLOW					0.00*	Aug 31, 1993
ANNUAL RUNOFF (CFSM)	0.963		0.541		0.969	
ANNUAL RUNOFF (INCHES)	13.11		7.34		13.17	
10 PERCENT EXCEEDS	529		262		494	
50 PERCENT EXCEEDS	154		104		139	
90 PERCENT EXCEEDS	43		26		13	

* See REMARKS.

e Estimated.

