

02104220 ROCKFISH CREEK AT RAEFORD, NC

LOCATION.--Lat 34°59'59", long 79°12'53", Hoke County, Hydrologic Unit 03030004, at upstream side of bridge on U.S. Highway 401, 1.0 mi downstream of Nicholsons Creek, and 1.0 mile north of Raeford.

DRAINAGE AREA.--93.1 mi².

PERIOD OF RECORD.--July 1988 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 178 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records good. Minimum discharge for period of record also occurred July 23, 2002. Minimum discharge for current water year also occurred Sept. 12, 13.

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	121	106	127	148	126	175	118	90	67	136	208	48
2	117	104	122	134	110	165	118	91	106	81	192	45
3	113	104	117	124	113	126	115	83	160	71	170	45
4	111	107	115	120	144	109	103	78	153	75	87	41
5	108	116	113	116	139	103	96	77	100	93	71	40
6	102	112	112	114	118	101	92	91	78	75	71	41
7	99	107	114	114	108	98	90	89	75	61	74	42
8	95	105	116	111	104	115	110	81	130	125	69	41
9	94	102	114	111	102	153	174	74	174	101	82	39
10	94	101	133	109	104	137	214	70	202	71	142	40
11	93	102	164	108	99	113	151	69	143	60	175	38
12	92	116	158	107	96	106	111	70	91	59	116	38
13	101	263	129	108	95	100	128	67	77	56	86	39
14	108	276	118	168	97	99	161	67	69	58	86	44
15	111	211	112	259	104	101	166	65	63	84	75	48
16	115	141	109	271	102	111	145	70	59	66	66	50
17	106	124	109	243	104	180	111	71	53	68	61	44
18	102	118	110	163	102	217	102	66	49	69	63	41
19	102	115	110	119	95	209	98	62	48	75	84	40
20	104	114	115	112	93	168	96	69	46	120	121	43
21	107	113	110	113	98	120	91	105	46	151	118	83
22	108	112	110	111	109	110	88	85	45	128	86	117
23	105	143	117	110	103	127	88	72	44	116	69	92
24	105	192	144	105	120	154	88	65	45	111	72	68
25	110	208	135	103	144	147	86	71	43	81	70	59
26	109	170	132	104	128	121	83	75	45	62	61	57
27	107	127	150	105	108	111	85	64	48	53	57	57
28	108	151	141	101	139	116	85	59	72	48	55	55
29	111	162	130	98	---	126	85	56	213	136	53	50
30	113	142	138	124	---	115	83	57	227	228	52	47
31	111	---	151	142	---	107	---	71	---	218	51	---
TOTAL	3,282	4,164	3,875	4,075	3,104	4,040	3,361	2,280	2,771	2,936	2,843	1,532
MEAN	106	139	125	131	111	130	112	73.5	92.4	94.7	91.7	51.1
MAX	121	276	164	271	144	217	214	105	227	228	208	117
MIN	92	101	109	98	93	98	83	56	43	48	51	38
CFSM	1.14	1.49	1.34	1.41	1.19	1.40	1.20	0.79	0.99	1.02	0.99	0.55
IN.	1.31	1.66	1.55	1.63	1.24	1.61	1.34	0.91	1.11	1.17	1.14	0.61

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2005, BY WATER YEAR (WY)

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	115	117	115	137	140	151	134	104	92.6	94.0	101	114						
MAX	207	169	186	209	291	289	305	182	175	224	203	247						
(WY)	(2000)	(1990)	(1990)	(1998)	(1998)	(1998)	(1998)	(1989)	(1989)	(1989)	(2003)	(1996)						
MIN	60.0	62.4	68.0	90.4	84.7	78.4	72.0	51.9	31.2	28.8	39.1	47.4						
(WY)	(2002)	(2002)	(2002)	(2003)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)						

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SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1988 - 2005	
ANNUAL TOTAL	45,117		38,263		118	
ANNUAL MEAN	123		105		60.8	
HIGHEST ANNUAL MEAN					167	1998
LOWEST ANNUAL MEAN					60.8	2002
HIGHEST DAILY MEAN	820	Sep 9	276	Nov 14	884	Sep 7, 1996
LOWEST DAILY MEAN	47	Jul 17	38	Sep 11	20	Jul 22, 2002
ANNUAL SEVEN-DAY MINIMUM	57	Jul 6	40	Sep 7	22	Aug 10, 2002
MAXIMUM PEAK FLOW			306	Nov 13	1,030	Sep 7, 1996
MAXIMUM PEAK STAGE			6.40	Nov 13	8.29	Sep 7, 1996
INSTANTANEOUS LOW FLOW			38*	Sep 11	19*	Jul 10, 2002
ANNUAL RUNOFF (CFSM)	1.32		1.13		1.27	
ANNUAL RUNOFF (INCHES)	18.03		15.29		17.21	
10 PERCENT EXCEEDS	183		153		195	
50 PERCENT EXCEEDS	108		105		100	
90 PERCENT EXCEEDS	70		53		57	

* See REMARKS.

