

0204382800 PASQUOTANK RIVER NEAR SOUTH MILLS, NC

LOCATION.--Lat 36°25'19", long 76°20'33", Camden County, Hydrologic Unit 03010205, at bridge on US Highway 17, 1 mi below Newland Canal and 2 mi southwest of South Mills.

DRAINAGE AREA.--Approximately 64.0 mi².

PERIOD OF RECORD.--October 1995 to current year.

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is 4.52 ft below NGVD of 1929. Satellite telemetry at station.

REMARKS.--Records fair except those for period Sept. 8-12, which are poor. This site is strongly affected by astronomical and wind tides. The astronomical tides occur at primary harmonic periods of 12.42 hours and 24.8 hours. Mean daily discharge data for this site may be affected by aliasing due to tides and can contain fluctuations that are not representative of net downstream discharge.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,330 ft³/s, Sept. 19, 1999, maximum gage height, 9.85 ft, Sept. 6, 1996; minimum discharge, -240 ft³/s, Sept. 6, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 706 ft³/s, June 6, maximum gage height 8.07 ft, Sept. 20; minimum discharge, -111 ft³/s, Oct. 11, minimum gage height, 4.04, Sept. 18.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	30	-58	85	8.0	149	77	192	152	303	274	379	335
2	29	-52	71	4.8	120	86	190	163	286	242	449	337
3	27	-31	61	-8.0	124	79	200	171	254	215	449	395
4	29	-50	68	-24	115	85	207	164	221	183	413	345
5	29	-50	68	4.7	249	94	173	151	221	190	407	338
6	62	-66	151	3.9	289	249	199	154	219	190	470	369
7	39	-42	161	112	279	237	223	164	262	186	482	429
8	36	-42	140	82	242	216	188	153	274	255	444	378
9	29	-37	111	68	239	219	168	150	264	241	391	342
10	28	-54	101	54	226	203	178	150	270	237	356	316
11	-2.5	-111	84	37	214	187	188	148	290	264	330	294
12	147	-90	174	58	204	185	184	146	277	255	309	276
13	146	115	315	171	204	183	156	130	264	230	302	271
14	135	94	327	275	235	188	161	135	250	218	294	269
15	99	12	283	224	234	217	150	119	265	220	286	261
16	95	-18	229	204	224	206	141	112	431	256	272	254
17	18	-49	310	218	226	206	150	117	625	423	275	253
18	62	-48	362	302	216	181	140	113	619	479	279	256
19	14	-66	320	274	198	162	142	102	494	377	279	250
20	56	-62	280	242	163	129	142	96	394	324	262	219
21	97	47	249	212	186	163	135	107	331	287	298	226
22	103	56	214	189	183	166	125	100	352	266	317	280
23	74	17	210	178	193	166	115	83	378	310	306	270
24	64	-3.8	187	158	208	172	110	74	409	326	292	246
25	61	-28	176	149	268	199	100	84	345	302	267	225
26	48	-20	172	141	272	243	107	88	321	288	239	207
27	47	-9.8	160	121	252	224	111	76	308	280	233	213
28	62	-40	140	113	236	210	99	75	376	298	231	183
29	69	-9.7	132	97	219	200	106	75	---	---	208	---
30	97	29	144	95	215	169	165	88	---	---	236	---
31	97	42	---	---	198	177	299	161	---	---	258	---
MONTH	147	-111	362	-24	289	77	299	74	625	183	482	183

0204382800 PASQUOTANK RIVER NEAR SOUTH MILLS, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	224	180	233	202	200	104	181	154	---	---	64	-48
2	198	177	214	196	199	172	181	99	---	---	48	-22
3	192	174	228	195	184	141	132	101	127	51	49	-30
4	181	162	240	217	154	136	151	119	110	33	66	-46
5	180	150	234	200	157	122	135	111	---	---	---	---
6	198	162	211	182	168	131	133	95	---	13	---	---
7	258	168	206	184	156	112	131	99	72	24	---	---
8	344	255	192	179	442	145	136	62	87	33	---	-14
9	502	332	188	157	706	441	126	58	80	40	44	-26
10	538	490	179	155	681	527	133	32	77	39	43	-23
11	548	509	170	130	618	468	113	45	91	---	37	-39
12	568	495	164	130	486	348	---	53	111	64	83	-41
13	512	402	172	122	357	271	---	---	---	---	56	-3.8
14	410	326	152	79	277	235	---	---	---	---	93	23
15	345	288	125	78	245	210	---	---	109	60	90	61
16	303	262	138	80	235	212	---	---	93	26	98	27
17	265	248	125	91	239	207	131	85	97	---	73	23
18	270	251	145	89	229	208	128	56	---	54	120	32
19	273	249	152	127	234	205	108	51	88	49	296	12
20	274	253	146	116	247	220	102	54	81	42	379	278
21	268	234	137	97	252	229	86	28	81	18	369	319
22	244	224	168	130	241	213	67	-12	80	40	340	269
23	255	229	245	156	221	197	---	-37	78	35	276	222
24	240	222	307	244	215	189	---	---	---	30	253	223
25	230	209	306	254	201	176	337	276	60	12	242	204
26	243	210	272	226	182	162	287	217	67	12	219	184
27	268	231	237	209	169	151	219	168	63	6.9	201	154
28	267	238	220	183	185	141	176	108	68	-4.6	190	154
29	252	226	193	158	204	172	143	104	55	-4.8	196	169
30	243	218	206	179	203	168	---	---	53	-8.9	196	172
31	---	---	198	104	---	---	---	---	52	-22	---	---
MONTH	568	150	307	78	706	104	337	-37	127	-22	379	-48

