

Water-Data Report 2008

0204382800 PASQUOTANK RIVER NEAR SOUTH MILLS, NC

Albemarle-Chowan Basin
Albemarle Subbasin

LOCATION.--Lat 36°25'17", long 76°20'33" referenced to North American Datum of 1983, Camden County, NC, Hydrologic Unit 03010205, at bridge on U.S. Highway 17, 1 mi below Newland Canal and 2 mi southwest of South Mills.

DRAINAGE AREA.--64 mi², approximately.

SURFACE-WATER RECORDS

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

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is 5.50 ft below North American Vertical Datum of 1988. Satellite telemetry at station.

REMARKS.--Records fair except those for daily discharges below 50 ft³/s and those that are negative, which are poor. This site is strongly affected by astronomical and wind tides. The astronomical tides may not 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, September 19, 1999, maximum gage height, 9.85 ft, September 6, 1996; minimum discharge, -240 ft³/s, September 6, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 384 ft³/s, April 22, maximum gage height 7.21 ft, April 22; minimum discharge, -167 ft³/s, September 6.

0204382800 PASQUOTANK RIVER NEAR SOUTH MILLS, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	40	-32	40	-26	41	-25	76	-20	104	-46	174	129
2	48	-38	62	-37	38	-25	65	-27	69	-25	153	105
3	34	-26	40	-39	57	-34	48	-19	56	-14	142	99
4	42	-26	33	-37	42	-35	41	-10	61	-25	138	77
5	36	-26	31	-29	---	---	35	-12	56	-26	204	58
6	56	-36	93	-53	37	-32	40	-17	60	-36	209	167
7	44	-34	93	-32	---	---	31	-11	78	-23	182	107
8	36	-29	47	-33	---	---	37	-13	49	-17	174	102
9	23	-28	31	-19	37	-24	48	-21	39	-22	212	137
10	42	-31	46	-23	29	-24	45	-17	70	-42	211	145
11	62	-40	45	-30	32	-24	59	-40	56	-18	194	140
12	52	-38	25	-24	32	-20	44	-28	79	-38	157	120
13	37	-28	32	-24	48	-41	38	-19	116	-21	142	97
14	52	-30	47	-28	45	-49	50	-30	112	9.8	131	84
15	35	-26	68	-53	42	-29	45	-40	94	37	138	81
16	43	-32	51	-45	113	-65	46	-33	81	10	150	90
17	30	-32	69	-46	69	-30	69	-41	79	-4.4	138	101
18	35	-33	32	-21	37	-20	51	-29	261	2.5	127	81
19	35	-42	39	-25	46	-20	54	-33	299	257	116	60
20	61	-46	40	-29	38	-21	55	-25	272	221	181	62
21	53	-36	33	-27	46	-26	44	-19	251	206	145	65
22	54	-28	45	-24	39	-25	57	-26	226	185	139	71
23	52	-38	59	-39	46	-50	58	-16	257	179	139	63
24	56	-44	48	-33	57	-37	54	-40	278	242	111	73
25	69	-42	43	-26	51	-31	52	-19	254	206	102	17
26	65	-38	40	-38	89	-30	46	-18	219	174	105	47
27	58	-27	62	-34	72	-15	45	-29	221	177	102	51
28	111	4.2	43	-41	48	-14	37	-15	219	169	100	51
29	49	-28	33	-20	53	-19	44	-22	185	117	106	37
30	40	-28	48	-33	62	-31	84	-38	---	---	88	39
31	56	-22	---	---	82	-38	48	-26	---	---	95	21
Month	111	-46	93	-53	---	---	84	-41	299	-46	212	17

0204382800 PASQUOTANK RIVER NEAR SOUTH MILLS, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	105	41	233	175	57	-25	60	-35	73	-44	36	-31
2	117	41	197	168	78	-29	38	-29	45	-46	44	-35
3	102	29	---	---	60	-15	39	-42	41	-37	20	-34
4	118	23	---	---	49	-17	37	-44	31	-35	50	-35
5	138	63	---	---	69	-19	48	-33	41	-29	48	-52
6	186	120	---	---	48	-18	61	-38	59	-42	-19	-167
7	169	136	154	94	45	-14	62	-35	48	-34	74	-134
8	146	116	132	94	41	-19	65	-49	73	-51	75	-1.3
9	127	95	175	79	40	-29	52	-39	33	-29	42	-41
10	117	72	201	160	44	-40	63	-38	59	-53	61	-34
11	117	47	187	83	50	-41	45	-39	67	-43	43	-22
12	96	70	215	100	30	-21	35	-27	51	-48	44	-27
13	144	74	198	110	29	-24	35	-60	66	-55	37	-26
14	143	73	134	66	40	-37	60	-48	57	-46	33	-35
15	115	69	93	63	61	-34	68	-35	63	-27	58	-43
16	103	59	92	49	50	-54	29	-27	64	-59	52	-34
17	94	37	116	67	61	-68	31	-25	38	-40	51	-28
18	89	36	82	25	59	-38	36	-38	26	-34	51	-29
19	81	13	129	35	44	-40	51	-35	49	-40	44	-26
20	88	-8.2	113	36	62	-44	70	-44	40	-36	32	-30
21	275	7.6	106	57	54	-49	37	-41	38	-27	33	-25
22	384	255	112	54	52	-38	67	-43	40	-33	42	-25
23	353	290	99	44	43	-47	65	-47	68	-45	42	-30
24	304	259	80	39	59	-44	100	-3.6	51	-39	---	---
25	274	225	82	-1.2	42	-39	118	41	43	-38	---	---
26	242	191	70	-7.9	40	-41	67	-13	50	-33	---	---
27	213	179	72	-3.5	58	-52	58	-33	37	-48	---	---
28	202	155	109	-1.1	58	-53	59	-35	32	-54	---	---
29	252	172	71	4.1	53	-58	49	-41	48	-38	---	---
30	252	222	64	-3.1	50	-53	33	-43	63	-39	---	---
31	---	---	70	-24	---	---	57	-60	49	-39	---	---
Month	384	-8.2	---	---	78	-68	118	-60	73	-59	---	---

0204382800 PASQUOTANK RIVER NEAR SOUTH MILLS, NC—Continued

