

Water-Data Report 2011

02084472 PAMLICO RIVER AT WASHINGTON, NC

Pamlico Basin
Pamlico Subbasin

LOCATION.--Lat 35°32'36", long 77°03'43" referenced to North American Datum of 1983, Beaufort County, NC, Hydrologic Unit 03020104, at bridge on U.S. Highway 17 at Washington, and 0.7 mi downstream of Kennedy Creek.

DRAINAGE AREA.--3,200 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--

DISCHARGE: October 1999 to June 2008 (discontinued.)

GAGE HEIGHT: March 1988 to May 1993. October 1999 to June 2009. March 2010 to current year.

REVISED RECORDS.--

WRD NC-00-1B: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1.07 ft below North American Vertical Datum of 1988. Satellite telemetry at streamgage.

REMARKS.--This site is affected by both astronomical and wind tides. The astronomical tides occur at primary harmonic periods of 12.42 hours and 24.84 hours.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 7.53 ft, August 27, 2011; minimum elevation, -3.82 ft, April 9, 2000.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 83,000 ft³/s, September 21, 1999, maximum gage height, 8.14 ft, September 16, 1999; minimum discharge, -90,800 ft³/s, September 4, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height 7.53 ft, August 27; minimum gage height -2.77 ft, December 14.

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	3.29	1.67	1.46	0.46	1.85	-0.40	1.27	0.40	1.52	0.76	1.79	-0.02
2	3.25	2.49	1.71	0.85	1.48	-0.03	1.22	-0.24	1.49	0.17	1.30	0.70
3	3.00	2.13	1.42	0.78	1.32	0.42	1.41	-0.29	1.33	0.44	1.98	0.89
4	2.90	1.99	1.35	-0.10	1.66	0.49	1.06	0.36	1.53	0.90	1.74	0.88
5	2.95	2.21	1.58	0.31	1.56	-0.15	1.31	0.30	1.64	-0.12	1.45	0.54
6	2.49	1.52	1.48	0.81	0.65	-0.17	1.20	0.39	1.62	-0.07	1.60	-0.57
7	2.57	1.27	1.36	0.75	0.72	-0.41	1.39	0.22	1.30	0.56	1.47	-1.11
8	2.43	1.68	1.29	0.66	1.05	-0.39	0.77	-0.49	1.08	-0.52	1.89	1.05
9	2.15	1.43	1.82	0.59	1.15	0.16	1.02	-0.82	1.56	0.03	1.94	1.26
10	2.31	1.29	2.02	0.89	1.07	0.36	1.31	0.34	1.58	0.60	1.79	0.39
11	1.96	1.00	2.11	0.90	1.37	0.25	1.28	0.08	1.32	0.67	1.18	-0.07
12	1.92	1.00	2.38	1.42	1.39	0.21	0.15	-1.48	0.88	-0.08	1.18	0.45
13	2.25	0.89	2.51	1.56	0.21	-1.68	0.55	-0.68	0.89	0.19	1.06	0.33
14	2.19	0.47	2.26	1.67	-0.43	-2.27	0.79	0.00	0.23	-0.67	1.80	0.66
15	1.62	0.95	2.22	1.50	---	---	0.73	0.03	1.28	-0.47	1.98	0.96
16	1.54	0.12	2.28	1.57	0.92	0.22	0.75	-0.12	1.11	0.23	1.64	0.26
17	1.64	0.60	2.30	0.82	1.07	0.47	1.24	0.16	0.87	0.15	1.73	0.31
18	1.63	0.55	1.94	1.00	1.14	0.68	1.11	-0.08	0.65	-0.06	1.00	0.36
19	1.32	0.79	1.80	0.92	1.08	0.47	1.24	0.50	0.44	-1.06	2.06	0.37
20	1.75	0.59	1.59	0.64	0.88	-0.02	1.80	0.72	1.39	0.11	1.84	0.86
21	1.39	0.72	1.58	0.64	1.20	0.34	1.46	-0.65	0.96	-0.70	1.66	-0.13
22	1.68	0.62	1.51	0.51	1.27	0.56	1.78	0.70	1.54	0.09	2.56	-0.14
23	1.75	0.76	1.13	0.35	1.25	-0.20	---	---	1.78	0.78	1.70	0.32
24	1.46	0.56	1.68	0.25	1.43	0.52	1.86	0.84	1.42	0.76	2.16	-0.53
25	1.23	0.55	1.66	0.80	1.77	0.91	1.26	0.60	1.11	-0.74	1.97	1.35
26	1.29	0.55	1.54	-0.07	1.68	0.13	1.69	-1.32	1.76	-0.04	2.04	1.06
27	1.14	0.46	1.38	-0.21	0.70	-0.89	1.40	-1.25	1.31	0.28	2.46	1.27
28	1.09	0.27	1.80	0.75	1.22	-0.91	1.55	0.43	0.96	0.04	1.96	1.16
29	0.97	-0.08	1.60	0.87	1.16	0.53	1.55	0.56	---	---	1.75	0.95
30	1.31	0.66	1.76	0.83	1.25	0.61	1.49	0.62	---	---	2.08	0.94
31	1.00	-0.36	---	---	1.22	0.42	1.59	0.77	---	---	1.90	0.11
Month	3.29	-0.36	2.51	-0.21	---	---	---	---	1.78	-1.06	2.56	-1.11

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	1.53	0.12	1.75	0.70	1.66	0.55	1.71	0.65	1.70	0.83	2.69	2.04
2	1.69	-0.81	1.46	0.37	1.54	0.10	2.03	0.45	1.95	0.88	2.70	1.86
3	1.71	0.15	1.19	0.19	1.64	0.29	1.23	0.19	1.54	0.64	2.73	1.80
4	1.36	0.27	0.97	-0.71	1.65	0.55	1.24	0.06	1.93	0.20	2.49	1.49
5	0.89	-1.48	1.12	0.12	1.30	0.11	1.68	0.14	2.27	1.16	2.15	1.23
6	1.39	-0.03	1.05	-0.03	2.07	0.41	1.19	0.22	2.09	1.30	2.00	1.38
7	1.01	0.10	1.16	0.14	1.69	0.37	1.86	0.14	1.58	0.47	2.20	1.35
8	1.29	0.23	1.43	0.52	1.09	0.30	1.22	0.51	1.67	0.32	2.24	1.18
9	1.88	-0.45	1.35	0.52	1.31	0.05	1.93	-0.02	1.68	0.70	1.94	1.12
10	1.82	0.79	2.37	0.59	1.03	-0.05	2.06	0.59	1.66	0.70	1.82	1.12
11	1.27	0.62	2.10	1.10	1.16	0.02	2.05	0.66	2.02	0.59	2.24	1.05
12	1.18	0.15	1.99	1.32	1.10	0.18	1.16	0.09	2.42	1.30	2.33	1.06
13	1.17	0.18	2.44	1.33	1.74	0.12	1.47	0.59	2.30	1.11	2.12	0.93
14	2.01	0.46	2.36	1.22	1.62	0.70	2.18	0.46	2.18	0.65	2.10	1.26
15	2.11	0.78	2.18	1.15	1.98	0.47	2.35	1.34	1.49	0.52	1.84	0.86
16	2.60	0.72	2.16	0.92	2.08	1.00	2.15	1.19	1.75	0.76	2.47	-0.05
17	1.07	-0.97	2.28	1.20	1.41	0.15	2.00	1.19	2.45	0.88	2.44	1.53
18	1.89	0.58	2.29	0.94	1.56	0.33	2.03	0.82	1.81	1.00	2.73	1.43
19	1.42	0.59	1.81	0.80	1.72	0.04	1.40	0.59	2.17	0.98	2.71	1.59
20	1.11	0.23	1.72	1.02	2.12	-0.11	1.59	0.51	1.86	0.50	2.23	1.49
21	2.19	0.37	2.42	0.94	1.96	1.25	1.43	0.67	1.69	0.78	2.07	1.58
22	2.11	1.42	2.31	1.26	1.74	0.72	1.15	0.52	2.21	-0.03	2.36	1.21
23	1.50	0.70	1.64	0.94	1.35	0.55	0.87	0.16	2.11	1.19	2.53	1.03
24	0.98	0.33	1.34	0.30	1.09	0.48	0.71	0.19	2.08	1.29	2.31	1.17
25	1.10	0.31	1.90	0.31	1.06	-0.11	1.66	0.06	1.57	0.90	2.42	1.24
26	1.29	0.45	1.47	0.33	1.67	0.63	1.69	0.26	2.81	1.06	2.19	1.51
27	1.11	0.56	1.67	0.60	1.69	0.22	1.60	0.52	7.53	0.31	2.25	1.28
28	0.82	-0.20	1.68	0.60	1.51	0.17	1.53	0.64	2.52	-0.15	2.52	1.37
29	0.43	-1.12	1.69	0.73	1.41	0.27	1.38	0.52	2.66	2.14	2.32	0.99
30	1.70	0.16	1.32	0.29	1.81	0.85	2.02	0.50	2.94	2.09	2.21	0.81
31	---	---	1.87	0.22	---	---	1.96	0.74	2.66	2.12	---	---
Month	2.60	-1.48	2.44	-0.71	2.12	-0.11	2.35	-0.02	7.53	-0.15	2.73	-0.05

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