

Water-Data Report 2012

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 2.75 ft, November 5; minimum gage height -2.79 ft, February 12.

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	1.44	0.19	2.14	0.30	1.25	0.44	0.93	0.25	0.36	-0.18	0.70	-0.41
2	1.59	0.47	2.13	1.24	1.25	0.79	0.40	-0.81	1.16	-0.88	1.53	0.19
3	1.81	0.16	2.00	1.29	1.66	0.64	0.18	-1.42	0.94	-0.06	1.08	0.02
4	1.82	0.50	2.47	1.31	1.50	0.75	0.71	-0.84	0.93	0.12	1.58	0.25
5	1.87	0.81	2.75	1.54	1.50	0.74	0.49	-0.30	1.03	-0.05	1.87	-1.59
6	2.13	0.91	2.47	1.84	1.46	0.71	0.68	0.09	1.30	0.58	1.79	0.56
7	1.94	1.37	2.04	1.63	1.33	-0.41	0.44	0.04	1.66	0.08	1.29	0.67
8	2.04	1.17	1.87	1.30	1.23	-1.18	1.06	0.20	1.25	-0.04	1.36	0.32
9	2.03	1.57	1.90	1.24	1.83	0.50	1.14	0.14	1.40	0.38	1.56	0.22
10	1.85	1.32	1.75	0.62	1.57	0.51	1.09	0.21	1.55	0.67	1.57	0.64
11	2.74	1.27	1.73	-0.26	1.71	1.12	1.52	0.54	1.58	-1.87	1.46	0.59
12	2.30	1.52	1.50	0.74	1.52	0.80	1.01	0.04	0.71	-2.79	1.20	0.40
13	2.62	1.21	1.38	0.61	1.45	0.77	0.87	-1.72	1.41	0.14	1.09	0.16
14	2.09	0.49	1.26	0.42	1.49	0.74	0.67	-0.45	1.17	0.36	1.26	0.06
15	1.93	1.03	1.03	0.31	1.40	0.32	1.09	0.02	1.70	0.17	1.12	0.30
16	2.00	1.07	1.08	0.43	1.82	0.28	1.15	0.57	1.48	0.18	1.02	0.11
17	1.42	0.39	0.86	-0.83	1.47	0.49	0.83	-0.31	1.54	0.05	1.57	0.17
18	1.96	0.74	1.41	-0.12	1.56	0.53	1.18	-0.34	1.65	0.66	1.57	0.17
19	2.40	1.05	1.29	0.57	1.57	0.77	0.98	0.26	1.83	0.65	1.40	0.31
20	1.50	0.01	1.08	0.30	1.17	0.49	1.43	0.03	1.91	-0.31	1.84	0.31
21	1.61	0.48	1.16	0.28	1.36	0.39	0.76	-0.32	1.76	0.84	1.29	0.37
22	1.71	1.00	1.32	0.35	1.26	0.42	1.09	0.43	1.32	0.48	1.32	0.26
23	1.77	1.19	1.09	-1.06	1.41	-0.05	1.62	0.69	1.23	0.45	1.29	0.24
24	1.78	1.09	1.49	-0.96	1.49	0.52	1.16	0.54	1.23	-0.27	1.23	0.21
25	1.97	0.62	1.58	0.57	1.26	0.29	1.94	0.59	0.27	-1.77	1.10	0.26
26	1.67	0.69	1.43	0.55	1.43	-0.50	1.41	0.55	1.29	-0.17	2.16	0.13
27	1.18	0.04	1.81	0.57	2.19	-0.27	1.26	-0.29	0.85	0.20	2.12	1.36
28	1.78	0.40	1.78	0.56	1.01	-0.84	1.14	0.54	1.49	0.19	1.86	0.05
29	1.88	-0.62	1.82	0.24	1.37	0.35	1.30	0.34	0.98	-0.05	2.56	-0.23
30	2.19	0.19	1.10	-0.23	1.05	0.10	0.75	0.08	---	---	2.25	1.15
31	2.29	1.19	---	---	1.02	-0.20	0.64	-0.04	---	---	1.65	0.76
Month	2.74	-0.62	2.75	-1.06	2.19	-1.18	1.94	-1.72	1.91	-2.79	2.56	-1.59

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	2.01	1.17	0.90	0.42	2.26	1.12	1.65	-0.12	1.82	0.99	1.92	0.98
2	1.98	0.17	0.93	0.15	1.75	0.58	1.58	0.28	2.01	1.13	2.37	0.94
3	2.06	1.06	1.76	0.49	1.65	0.84	1.96	0.70	1.96	1.16	2.22	0.98
4	1.51	0.97	1.45	0.10	1.95	0.43	1.40	0.46	1.92	1.11	2.07	1.14
5	2.61	0.65	1.68	0.61	2.67	1.61	1.50	0.34	1.74	0.88	1.81	0.83
6	2.34	1.65	1.91	0.86	2.61	1.86	1.49	0.40	1.41	0.51	1.61	0.72
7	2.19	1.03	2.44	1.49	2.56	1.69	1.53	0.52	1.82	0.28	1.90	0.58
8	1.88	0.78	1.89	0.97	2.23	1.09	1.32	0.34	1.75	0.43	1.58	0.88
9	1.81	0.90	1.64	0.38	1.83	0.79	1.81	0.36	1.79	0.53	1.79	0.28
10	2.06	0.38	1.58	-0.34	1.77	0.71	2.10	0.61	1.19	0.28	1.91	0.87
11	1.88	0.34	1.76	1.03	1.78	0.81	2.13	0.51	1.69	0.23	2.17	1.12
12	2.08	0.56	1.67	0.95	1.65	0.95	1.84	0.64	1.42	0.22	2.17	0.93
13	2.32	0.75	1.69	0.67	1.70	0.76	1.82	1.06	1.30	0.92	1.81	1.15
14	2.32	0.70	1.51	0.91	2.25	0.74	1.96	0.86	1.29	0.56	2.07	1.29
15	0.89	0.41	1.64	0.34	2.38	1.59	1.69	0.80	1.30	0.34	1.99	1.06
16	0.78	0.30	1.84	0.66	2.27	1.68	0.97	0.50	1.65	0.53	2.00	1.16
17	1.58	0.24	2.01	0.70	2.11	1.56	1.27	0.23	1.46	0.84	2.18	1.21
18	1.54	0.61	1.88	1.02	2.14	1.49	0.90	0.42	1.77	0.59	1.87	0.55
19	1.46	0.59	2.08	1.24	1.96	0.98	0.79	0.04	1.97	0.95	2.13	0.55
20	1.68	0.92	1.81	1.14	1.99	0.92	0.54	-0.36	2.11	0.74	1.95	1.32
21	1.60	0.48	2.01	0.99	1.55	0.86	1.83	0.13	2.18	1.50	2.05	1.19
22	1.81	-0.39	1.77	0.51	1.29	0.50	1.98	0.55	2.50	1.50	1.88	0.99
23	1.27	-0.40	2.16	0.64	1.79	0.22	1.60	0.28	2.68	1.47	1.85	0.54
24	1.69	-0.10	2.19	0.69	2.23	0.82	1.52	-0.15	2.16	1.43	1.98	1.36
25	1.24	0.32	2.19	1.02	1.77	0.55	1.93	0.33	2.25	1.02	1.87	0.91
26	1.62	-0.40	2.40	1.39	1.83	-0.06	1.82	0.81	2.45	1.31	1.78	0.44
27	2.26	0.50	2.04	1.31	1.99	1.35	1.31	0.50	2.35	1.44	1.26	0.64
28	2.06	0.80	1.65	0.87	1.80	0.94	1.77	0.34	1.81	0.83	1.37	0.61
29	1.74	0.67	1.35	0.71	1.56	0.59	1.75	0.19	2.29	0.83	1.77	0.33
30	1.70	0.90	2.22	-0.37	1.75	0.52	2.29	0.53	2.38	1.23	1.60	0.65
31	---	---	2.02	0.85	---	---	2.10	0.88	1.87	1.26	---	---
Month	2.61	-0.40	2.44	-0.37	2.67	-0.06	2.29	-0.36	2.68	0.22	2.37	0.28

	Max	Min
Year	2.75	-2.79

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