



Water-Data Report 2010

02084173 TAR RIVER AT SECONDARY ROAD 1565 NEAR GRIMESLAND, NC

Pamlico Basin

LOCATION.--Lat 35°34'26", long 77°10'33" referenced to North American Datum of 1983, Pitt County, NC, Hydrologic Unit 03020103, at bridge on Secondary Road 1565, approximately 1.1 mi northeast of Grimesland.

DRAINAGE AREA.--2,858 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 2003 to current year.

GAGE.--Water stage recorder. Datum of gage is at 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 and 24:84 hours.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 4.45 ft, November 22, 2006; minimum elevation, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.42 ft, September 30; minimum elevation, -2.13 ft, February 26.

02084173 TAR RIVER AT SECONDARY ROAD 1565 NEAR GRIMESLAND, NC—Continued

ELEVATION, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	0.89	-0.21	1.54	0.14	0.50	-1.06	0.96	0.29	2.14	1.76	0.39	-0.53
2	0.92	-0.03	1.08	0.57	1.50	0.21	0.29	-1.33	1.76	1.52	0.91	-0.17
3	0.89	-0.13	1.17	0.60	0.83	-0.20	-0.28	-1.44	1.52	0.67	1.03	-0.92
4	0.60	-0.58	1.44	0.62	1.03	0.03	0.07	-1.08	1.23	0.88	0.98	0.25
5	0.75	-0.56	0.86	0.17	0.80	-0.43	-0.06	-0.75	2.50	1.05	0.98	0.45
6	0.82	-0.18	1.02	-0.07	1.45	-0.43	-0.07	-0.91	2.48	1.51	1.08	0.48
7	0.48	-1.59	1.13	0.39	1.35	0.82	0.19	-1.03	2.45	1.84	1.04	0.44
8	0.70	-0.54	0.98	-0.14	1.67	0.73	-0.16	-1.84	2.65	2.45	1.00	0.03
9	0.39	-0.43	0.78	-0.13	1.80	1.37	0.20	-1.19	3.02	2.62	0.88	-0.02
10	0.76	-0.96	0.71	-0.09	1.60	1.28	0.19	-0.69	3.03	2.67	0.39	-0.15
11	0.76	-0.44	1.66	0.16	1.55	1.29	0.08	-0.52	2.97	2.68	0.89	-0.12
12	0.62	-0.39	1.88	1.14	1.79	1.53	-0.16	-0.57	3.17	2.95	1.66	-0.11
13	0.65	-0.93	1.93	1.55	2.00	1.47	-0.15	-0.84	3.22	3.09	0.81	-0.03
14	0.87	-0.25	2.10	1.57	1.71	1.41	0.02	-0.79	3.11	2.77	1.06	-0.48
15	1.09	-0.82	2.34	1.94	1.59	1.18	-0.07	-0.81	2.78	2.13	1.07	0.27
16	0.84	-0.45	2.04	1.65	1.28	0.94	0.07	-0.78	2.13	1.07	1.20	0.46
17	0.95	0.01	2.01	1.69	1.13	0.61	0.71	-0.76	1.13	0.24	1.45	0.75
18	0.67	-0.29	2.24	1.67	1.46	0.61	0.62	-0.72	0.27	-0.61	1.20	0.58
19	1.25	0.12	1.93	1.65	1.55	-1.48	0.55	-0.08	0.09	-0.46	0.86	0.41
20	1.25	0.56	1.94	1.25	0.78	-0.83	1.35	-0.01	0.05	-0.37	0.93	0.16
21	1.02	0.28	1.66	1.23	1.00	0.31	1.29	0.67	0.18	-0.54	0.86	-0.17
22	0.90	0.03	1.46	0.92	1.00	0.50	1.55	0.97	0.28	-0.62	0.90	-0.21
23	0.83	-0.16	1.41	0.87	1.02	0.49	1.65	1.36	0.38	-0.73	0.27	-1.87
24	0.64	0.01	1.14	0.16	1.34	0.60	1.76	1.53	0.92	-0.26	0.55	-0.94
25	0.92	-0.27	1.12	0.58	1.67	0.60	2.32	1.69	0.81	-1.37	0.42	-0.13
26	0.89	0.43	1.35	0.48	1.61	0.95	2.00	1.74	0.19	-2.13	0.21	-0.60
27	0.75	-0.27	1.16	-1.31	1.30	0.85	1.78	1.61	0.25	-0.42	1.26	0.21
28	0.98	-0.41	0.68	-0.43	1.23	-0.13	1.79	1.67	0.28	-0.99	1.37	0.59
29	1.20	-0.13	0.62	-0.10	0.85	-0.42	2.13	1.67	---	---	1.11	0.14
30	1.26	0.44	0.19	-0.89	1.14	0.76	2.58	2.04	---	---	0.89	0.13
31	1.12	0.18	---	---	1.14	0.62	2.25	2.01	---	---	1.26	0.33
Month	1.26	-1.59	2.34	-1.31	2.00	-1.48	2.58	-1.84	3.22	-2.13	1.66	-1.87

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ELEVATION, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	2.05	1.11	0.26	-0.80	0.19	-0.59	0.60	-0.22	0.59	-0.40	0.79	-0.42
2	2.40	1.90	0.11	-0.99	0.42	-0.57	0.80	-0.18	0.52	-0.30	0.90	-0.20
3	2.68	2.36	-0.25	-0.95	0.21	-0.77	0.59	-0.34	0.59	-0.33	1.29	-1.80
4	2.67	2.51	0.02	-1.58	0.11	-0.92	0.33	-0.52	0.02	-0.58	1.29	-0.26
5	2.51	1.98	0.29	-0.63	-0.03	-0.69	0.17	-1.21	-0.18	-1.43	0.92	0.12
6	1.98	0.99	0.04	-0.95	-0.14	-1.15	-0.12	-1.15	-0.03	-1.42	1.23	0.03
7	0.99	-0.12	0.80	-1.16	0.87	-0.93	0.20	-1.16	0.59	-1.00	1.13	-0.22
8	0.01	-0.55	0.13	-1.55	1.09	-0.78	0.40	-0.50	0.50	-0.29	0.41	-0.70
9	0.07	-1.75	-0.42	-1.74	1.10	-0.65	0.51	-0.97	0.95	-0.66	0.92	-0.47
10	0.72	-0.41	0.25	-0.90	-0.07	-1.72	0.26	-0.89	0.51	-0.78	0.91	0.02
11	0.57	-0.59	0.68	-0.49	0.86	-0.59	0.40	-0.89	0.04	-0.86	1.08	0.05
12	0.24	-0.46	0.17	-1.56	0.56	-0.51	0.58	-0.47	0.75	-1.05	1.20	-0.71
13	0.46	-0.40	0.39	-1.35	-0.06	-1.28	0.54	-0.91	1.48	-0.28	0.98	-0.01
14	0.59	-0.32	0.27	-1.12	0.78	-0.70	0.20	-1.09	1.28	0.46	0.81	-0.22
15	0.19	-0.45	0.02	-1.38	1.23	-0.65	0.65	-1.11	1.00	0.20	0.98	-0.71
16	-0.37	-1.10	0.68	-0.85	0.70	-0.62	-0.01	-0.70	0.99	-0.09	0.89	-0.24
17	0.26	-1.46	0.78	-0.46	0.63	-0.91	-0.40	-1.26	0.80	-0.28	0.29	-0.58
18	0.89	-0.60	0.28	-1.17	0.99	-0.43	0.21	-1.18	0.41	-0.46	0.85	-0.20
19	0.77	-0.61	1.01	-0.33	0.83	-0.24	-0.24	-1.33	0.58	-1.08	0.91	-0.38
20	0.79	-0.45	1.05	0.04	0.48	-0.67	-0.40	-1.61	0.96	-0.27	1.05	-0.19
21	0.38	-0.68	1.15	0.04	0.40	-1.01	-0.48	-1.43	0.90	-0.15	1.10	0.08
22	0.33	-0.73	0.99	0.08	0.07	-0.64	0.09	-1.25	0.74	-0.72	0.73	-0.36
23	0.50	-0.79	0.97	-0.20	-0.35	-0.91	-0.01	-1.01	0.87	-0.65	0.66	-0.40
24	1.41	-0.09	1.56	0.01	0.18	-1.14	-0.51	-1.38	0.99	0.17	0.81	-0.44
25	0.34	-0.80	0.90	0.41	0.59	-1.11	-0.66	-1.40	0.73	0.24	0.59	-0.54
26	0.15	-1.21	0.98	0.63	0.20	-0.57	0.32	-1.54	0.82	-0.04	0.82	-0.58
27	0.11	-1.50	0.79	0.04	0.06	-0.99	0.36	-0.41	1.27	-0.03	0.98	-0.28
28	0.98	-0.78	1.47	0.30	-0.36	-1.10	0.51	-0.78	1.34	0.13	1.16	-0.06
29	0.90	-0.43	0.95	-0.10	-0.16	-1.63	-0.02	-1.06	1.18	0.05	1.50	-0.07
30	0.43	-0.83	0.30	-0.47	0.35	-1.19	0.56	-1.06	0.73	-0.21	3.42	1.50
31	---	---	0.61	-0.52	---	---	0.55	-0.32	1.06	-0.37	---	---
Month	2.68	-1.75	1.56	-1.74	1.23	-1.72	0.80	-1.61	1.48	-1.43	3.42	-1.80

	Max	Min
Year	3.42	-2.13

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