



Water-Data Report 2010

02083893 TAR RIVER AT U.S. HIGHWAY 264 BYPASS NEAR ROCK SPRINGS, NC

Pamlico Basin
Lower Tar Subbasin

LOCATION.--Lat 35°38'43", long 77°25'22" referenced to North American Datum of 1983, Pitt County, NC, Hydrologic Unit 03020103, at bridge on U.S. Highway 264 Bypass and 1.7 mi northeast of Rock Springs.

DRAINAGE AREA.--2,621 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 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.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 18.54 ft, June 20, 2006; minimum elevation, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 16.20 ft, February 11; minimum elevation, -0.31 ft, July 20.

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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
	October		November		December		January		February		March	
1	1.26	0.58	1.79	0.65	3.92	3.73	10.46	9.24	13.95	12.61	6.57	6.24
2	1.26	0.55	1.37	0.85	3.98	3.66	9.24	8.44	12.61	10.91	6.30	6.04
3	1.20	0.55	1.38	0.84	4.87	3.98	8.44	7.78	10.91	10.35	8.58	6.30
4	0.95	0.19	1.72	0.92	5.88	4.87	7.78	7.11	11.22	10.46	10.34	8.58
5	1.12	0.24	1.18	0.74	9.59	5.88	7.11	6.38	12.26	11.22	10.54	10.34
6	1.13	0.39	1.26	0.42	11.17	9.59	6.38	5.84	14.28	12.26	10.49	9.88
7	0.84	-0.13	1.43	0.84	12.06	11.17	5.84	5.46	15.09	14.28	9.88	8.67
8	1.06	0.18	1.37	0.73	12.77	12.06	5.46	5.06	15.76	15.09	8.67	7.53
9	0.88	0.24	1.31	0.67	13.80	12.77	5.06	4.87	16.10	15.76	7.53	6.72
10	0.77	0.02	1.15	0.57	14.13	13.80	4.87	4.60	16.18	16.09	6.72	6.10
11	1.09	0.26	2.35	0.82	14.17	14.12	4.62	4.38	16.20	16.16	6.10	5.77
12	1.00	0.07	7.24	2.35	14.14	14.05	4.38	4.21	16.18	16.10	6.06	5.75
13	0.93	-0.13	8.62	7.24	14.06	13.97	4.21	4.02	16.10	15.59	6.78	6.06
14	1.11	0.11	9.59	8.61	13.98	13.71	4.03	3.94	15.59	14.53	7.59	6.78
15	1.36	0.10	10.75	9.59	13.71	12.60	3.99	3.89	14.53	13.16	8.25	7.59
16	1.18	0.31	11.52	10.75	12.60	10.81	3.89	3.77	13.16	11.48	8.60	8.25
17	1.26	0.51	12.10	11.52	10.81	9.27	4.43	3.79	11.48	9.80	8.60	8.24
18	0.90	0.28	12.51	12.10	9.27	7.68	7.01	4.43	9.80	8.52	8.24	7.49
19	1.44	0.42	12.53	11.38	7.68	7.39	9.19	7.01	8.52	7.77	7.49	6.69
20	1.49	0.80	11.38	7.55	7.81	7.43	10.59	9.19	7.77	7.20	6.69	6.10
21	1.30	0.54	7.55	5.63	8.57	7.81	11.31	10.59	7.20	6.71	6.10	5.61
22	1.23	0.54	5.63	5.07	9.84	8.57	12.15	11.31	6.71	6.45	5.61	5.28
23	1.12	0.46	5.15	5.08	10.08	9.84	12.65	12.15	6.45	6.37	5.28	5.16
24	1.08	0.51	5.08	4.85	9.91	8.73	12.83	12.64	6.54	6.42	5.36	5.27
25	1.17	0.26	4.87	4.54	8.73	7.93	13.44	12.83	6.73	6.53	5.44	5.35
26	1.10	0.66	6.28	4.56	9.09	8.10	13.92	13.44	6.95	6.71	5.46	5.31
27	1.04	0.06	6.95	6.28	9.59	9.09	14.36	13.92	6.99	6.86	5.31	5.19
28	1.25	0.08	6.80	5.41	10.40	9.59	14.61	14.36	6.86	6.57	5.19	4.93
29	1.47	0.38	5.41	4.39	11.14	10.40	14.67	14.60	---	---	8.50	4.86
30	1.52	0.81	4.39	3.92	11.46	11.14	14.72	14.58	---	---	12.43	8.50
31	1.39	0.70	---	---	11.43	10.46	14.59	13.95	---	---	14.16	12.43
Month	1.52	-0.13	12.53	0.42	14.17	3.66	14.72	3.77	16.20	6.37	14.16	4.86

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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	15.08	14.16	2.61	2.30	5.65	4.67	1.06	0.55	0.94	0.15	1.25	0.17
2	15.52	15.08	2.32	2.04	5.64	4.86	1.15	0.42	0.82	0.12	1.08	0.20
3	15.54	15.27	2.09	1.82	4.86	4.17	1.13	0.32	0.91	0.14	1.45	-0.19
4	15.27	14.41	1.88	1.77	4.18	3.67	0.89	0.14	0.58	-0.01	1.53	0.39
5	14.41	12.88	1.86	1.74	3.67	3.24	0.71	0.01	0.71	0.00	1.13	0.38
6	12.88	10.02	1.86	1.63	3.24	2.85	0.58	-0.04	0.81	0.50	1.48	0.34
7	10.02	6.98	1.93	1.55	2.86	2.59	0.46	-0.10	1.14	0.49	1.37	0.21
8	6.98	5.69	1.77	1.33	2.72	2.21	0.79	0.09	1.15	0.75	0.92	-0.14
9	5.69	5.26	1.33	1.21	2.49	1.85	0.84	-0.12	1.36	0.53	1.12	-0.11
10	5.26	4.96	1.43	1.20	1.85	1.53	0.83	0.01	0.93	0.22	1.13	0.27
11	5.72	4.97	1.56	1.20	1.81	1.46	0.67	-0.04	0.54	0.01	1.29	0.31
12	5.97	5.72	1.31	0.88	1.69	1.27	0.88	0.16	1.04	0.06	1.41	0.04
13	5.95	5.49	1.24	0.85	1.27	0.92	0.91	-0.02	1.71	0.29	1.19	0.18
14	5.49	5.00	1.17	0.87	1.51	0.95	0.67	-0.05	1.65	0.76	1.16	0.01
15	5.00	4.49	0.92	0.62	1.79	0.97	1.03	0.05	1.47	0.62	1.21	-0.13
16	4.49	4.08	1.14	0.49	1.76	1.14	0.61	-0.05	1.27	0.42	1.12	0.19
17	4.09	3.76	1.46	1.00	1.89	1.02	0.22	-0.17	1.23	0.27	0.53	-0.07
18	3.78	3.53	5.49	1.32	2.68	1.84	0.58	-0.04	0.95	0.09	0.77	0.13
19	3.60	3.22	7.95	5.49	2.70	2.18	0.20	-0.26	0.90	-0.21	1.13	0.09
20	3.28	3.05	9.90	7.95	2.38	2.19	0.11	-0.31	1.23	0.16	0.97	0.09
21	3.18	2.90	10.45	9.90	2.37	1.95	0.16	-0.20	1.18	0.19	1.28	0.37
22	2.90	2.75	10.42	9.15	1.95	1.49	0.50	0.01	1.01	-0.11	0.97	0.05
23	3.06	2.88	9.15	7.15	1.49	1.11	0.40	-0.10	1.14	-0.09	0.92	-0.01
24	3.25	2.96	7.15	5.98	1.13	0.88	0.01	-0.27	1.30	0.38	1.06	0.03
25	3.10	2.85	6.00	5.70	1.19	0.67	-0.12	-0.29	1.10	0.68	0.83	-0.10
26	2.94	2.85	7.02	6.00	1.16	0.49	0.66	-0.28	1.09	0.44	1.03	-0.09
27	3.06	2.89	7.02	6.16	0.60	0.22	0.63	0.01	1.55	0.43	1.37	0.24
28	3.18	2.91	6.16	5.31	0.29	0.12	0.82	-0.16	1.58	0.51	2.19	1.20
29	3.03	2.82	5.31	4.61	0.42	0.08	0.50	-0.07	1.42	0.40	3.95	2.10
30	2.85	2.54	4.61	4.20	0.78	0.14	0.92	0.13	1.25	0.27	9.87	3.95
31	---	---	4.67	4.09	---	---	1.01	0.30	1.30	0.06	---	---
Month	15.54	2.54	10.45	0.49	5.65	0.08	1.15	-0.31	1.71	-0.21	9.87	-0.19

	Max	Min
Year	16.20	-0.31

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