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Water-Data Report 2010

**0208250885 TAR RIVER AT U.S. HIGHWAY 301 BYPASS AT ROCKY MOUNT, NC**

Pamlico Basin  
Upper Tar Subbasin

LOCATION.--Lat 35°55'34", long 77°49'50" referenced to North American Datum of 1983, Nash County, NC, Hydrologic Unit 03020101, at bridge on U.S. Highway 301 Bypass, approximately 2 mi southwest of Rocky Mount.

DRAINAGE AREA.--787 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

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

GAGE.--Water-stage recorder. Datum of gage is 75.00 ft above North American Vertical Datum of 1988. Satellite telemetry at streamgage.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 21.46 ft, June 15, 2006 ; minimum gage height, 5.13 ft, November 10, 2009.

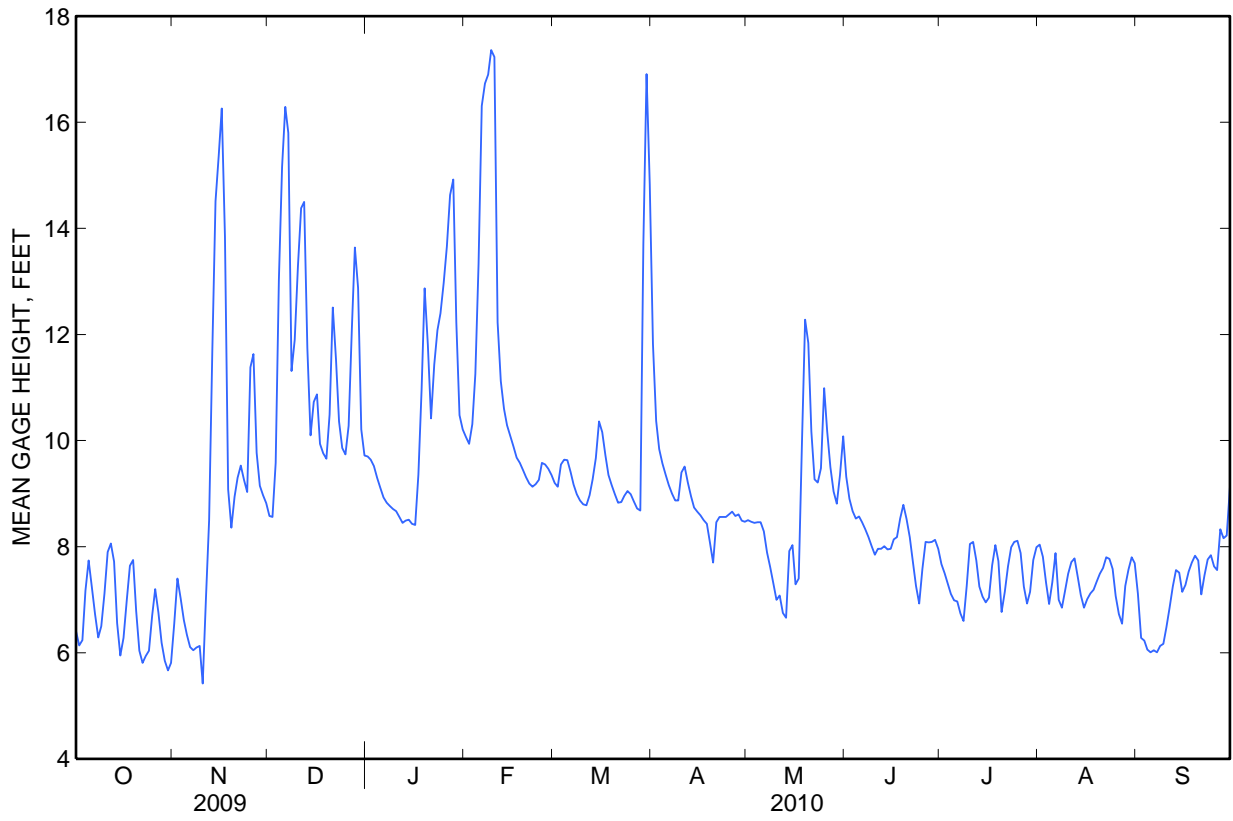
EXTREMES FOR CURRENT YEAR.--Maximum gage height, 17.96 ft, February 10; minimum gage height, 5.13 ft, November 10.

## 0208250885 TAR RIVER AT U.S. HIGHWAY 301 BYPASS AT ROCKY MOUNT, NC—Continued

**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.41	6.55	8.58	9.70	10.07	9.20	11.82	8.50	9.32	7.67	8.04	7.11
2	6.14	7.40	8.56	9.64	9.94	9.13	10.37	8.47	8.90	7.50	7.81	6.28
3	6.24	7.03	9.58	9.52	10.31	9.55	9.84	8.45	8.67	7.31	7.32	6.23
4	7.17	6.62	13.03	9.30	11.26	9.64	9.57	8.46	8.53	7.11	6.92	6.06
5	7.74	6.34	15.16	9.11	13.33	9.63	9.36	8.46	8.57	6.99	7.33	6.01
6	7.24	6.11	16.29	8.93	16.31	9.41	9.16	8.29	8.46	6.97	7.88	6.05
7	6.73	6.05	15.80	8.83	16.73	9.17	9.00	7.89	8.33	6.74	7.00	6.01
8	6.29	6.10	11.31	8.77	16.90	8.99	8.87	7.61	8.18	6.60	6.85	6.13
9	6.50	6.13	11.90	8.71	17.36	8.87	8.87	7.30	8.01	7.26	7.16	6.17
10	7.12	5.42	13.28	8.67	17.23	8.80	9.40	7.00	7.85	8.05	7.49	6.48
11	7.90	7.01	14.38	8.56	12.23	8.78	9.51	7.08	7.96	8.09	7.71	6.85
12	8.06	8.50	14.50	8.45	11.12	8.97	9.21	6.75	7.96	7.74	7.78	7.25
13	7.72	11.69	11.74	8.49	10.60	9.27	8.95	6.66	8.01	7.25	7.43	7.56
14	6.56	14.51	10.10	8.51	10.29	9.67	8.74	7.92	7.95	7.06	7.09	7.51
15	5.95	15.37	10.73	8.43	10.09	10.36	8.66	8.03	7.96	6.95	6.85	7.15
16	6.28	16.26	10.87	8.41	9.89	10.16	8.59	7.29	8.14	7.04	7.01	7.28
17	6.98	13.84	9.94	9.36	9.68	9.72	8.50	7.40	8.18	7.65	7.12	7.53
18	7.64	9.08	9.76	10.96	9.58	9.35	8.43	9.93	8.53	8.03	7.19	7.70
19	7.75	8.36	9.66	12.87	9.45	9.16	8.08	12.28	8.79	7.73	7.34	7.83
20	6.79	8.94	10.49	11.81	9.31	8.99	7.70	11.84	8.52	6.77	7.49	7.74
21	6.04	9.30	12.51	10.42	9.19	8.83	8.46	10.17	8.18	7.15	7.60	7.10
22	5.81	9.53	11.53	11.43	9.13	8.84	8.56	9.27	7.73	7.63	7.80	7.46
23	5.94	9.26	10.36	12.08	9.18	8.96	8.56	9.21	7.26	7.99	7.77	7.76
24	6.04	9.03	9.86	12.40	9.26	9.05	8.56	9.48	6.93	8.09	7.58	7.84
25	6.70	11.38	9.74	12.97	9.58	8.99	8.61	10.99	7.58	8.11	7.07	7.63
26	7.20	11.63	10.28	13.66	9.55	8.85	8.66	10.17	8.09	7.88	6.73	7.56
27	6.76	9.77	12.10	14.63	9.47	8.72	8.58	9.50	8.08	7.25	6.55	8.33
28	6.19	9.15	13.64	14.92	9.35	8.68	8.61	9.04	8.09	6.93	7.26	8.16
29	5.85	8.97	12.88	12.23	---	13.71	8.49	8.81	8.13	7.15	7.57	8.21
30	5.67	8.82	10.21	10.48	---	16.91	8.47	9.35	7.96	7.75	7.80	9.12
31	5.81	---	9.72	10.21	---	14.83	---	10.08	---	7.99	7.69	---
<b>Mean</b>	6.68	9.14	11.56	10.40	11.30	9.78	8.94	8.76	8.16	7.43	7.36	7.20
<b>Max</b>	8.06	16.26	16.29	14.92	17.36	16.91	11.82	12.28	9.32	8.11	8.04	9.12
<b>Min</b>	5.67	5.42	8.56	8.41	9.13	8.68	7.70	6.66	6.93	6.60	6.55	6.01

0208250885 TAR RIVER AT U.S. HIGHWAY 301 BYPASS AT ROCKY MOUNT, NC—Continued



## 0208250885 TAR RIVER AT U.S. HIGHWAY 301 BYPASS AT ROCKY MOUNT, NC—Continued

## CLIMATOLOGICAL RECORDS

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

INSTRUMENTATION.--Tipping-bucket raingage. Satellite telemetry at station.

REMARKS.--Precipitation collected during freezing periods may not be accurately reflected in the daily record.

**PRECIPITATION, TOTAL, INCHES**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**  
**DAILY SUM VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.56	0.00	0.01	---	0.00	0.00	0.00	0.22	0.00	0.02	0.00
2	0.00	0.01	1.29	0.00	---	0.62	0.00	0.00	0.10	0.00	0.00	0.00
3	0.00	0.00	0.08	0.00	---	0.33	0.00	0.05	0.00	0.00	0.00	0.00
4	0.00	0.00	0.06	0.00	0.00	0.01	0.00	0.21	0.00	0.00	0.00	0.00
5	0.04	0.00	0.62	0.00	1.86	0.00	0.00	0.00	0.00	0.00	2.00	0.00
6	0.12	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.19	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00
8	0.00	0.00	0.20	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	1.60	0.00	0.35	0.00	0.24	0.00	0.00	0.00	0.00	0.00
10	0.01	0.90	0.00	0.00	0.02	0.04	0.00	0.00	0.00	0.73	0.00	0.00
11	0.00	2.50	0.00	0.00	---	0.45	0.00	0.00	0.00	0.00	0.00	0.20
12	0.18	1.28	0.00	0.00	---	0.08	0.00	0.00	0.00	0.24	0.04	0.11
13	0.00	0.08	0.20	0.00	---	0.21	0.00	0.03	0.49	0.00	0.00	0.00
14	0.18	0.03	0.01	0.00	---	0.08	0.01	0.00	0.00	0.01	0.00	0.00
15	0.34	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.27	0.00	0.00	0.00
17	0.00	0.00	0.00	1.55	0.00	0.00	0.00	1.90	0.00	0.10	0.00	0.00
18	0.01	0.43	0.32	0.00	0.00	0.00	0.00	0.62	0.00	0.01	0.95	0.00
19	0.00	0.21	0.44	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.01	0.00
20	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.05	0.00
21	0.00	0.00	0.00	1.18	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
22	0.00	0.30	0.00	0.04	0.29	0.37	0.00	0.13	0.00	0.00	0.53	0.00
23	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	1.35	0.00
24	0.00	0.00	0.00	0.01	0.20	0.00	0.13	0.60	0.00	0.00	0.33	0.00
25	0.00	0.00	0.87	1.76	0.01	0.00	0.18	0.02	0.00	0.00	0.04	0.00
26	0.09	0.01	0.02	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.00	2.73
27	0.13	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	1.96
28	0.09	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.23
29	0.00	0.00	0.00	---	---	2.94	0.00	0.28	0.02	1.21	0.00	3.49
30	0.00	0.20	0.03	---	---	0.01	0.00	0.00	0.02	0.00	0.00	2.39
31	0.04	---	0.58	---	---	0.00	---	0.00	---	0.04	0.00	---
<b>Total</b>	1.24	6.79	6.33	---	---	5.37	1.09	4.56	1.40	2.37	5.61	11.11

0208250885 TAR RIVER AT U.S. HIGHWAY 301 BYPASS AT ROCKY MOUNT, NC—Continued

