

Water-Data Report 2008

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 mi².

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 station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 21.46 ft, June 15, 2006 ; minimum gage height, not determined.

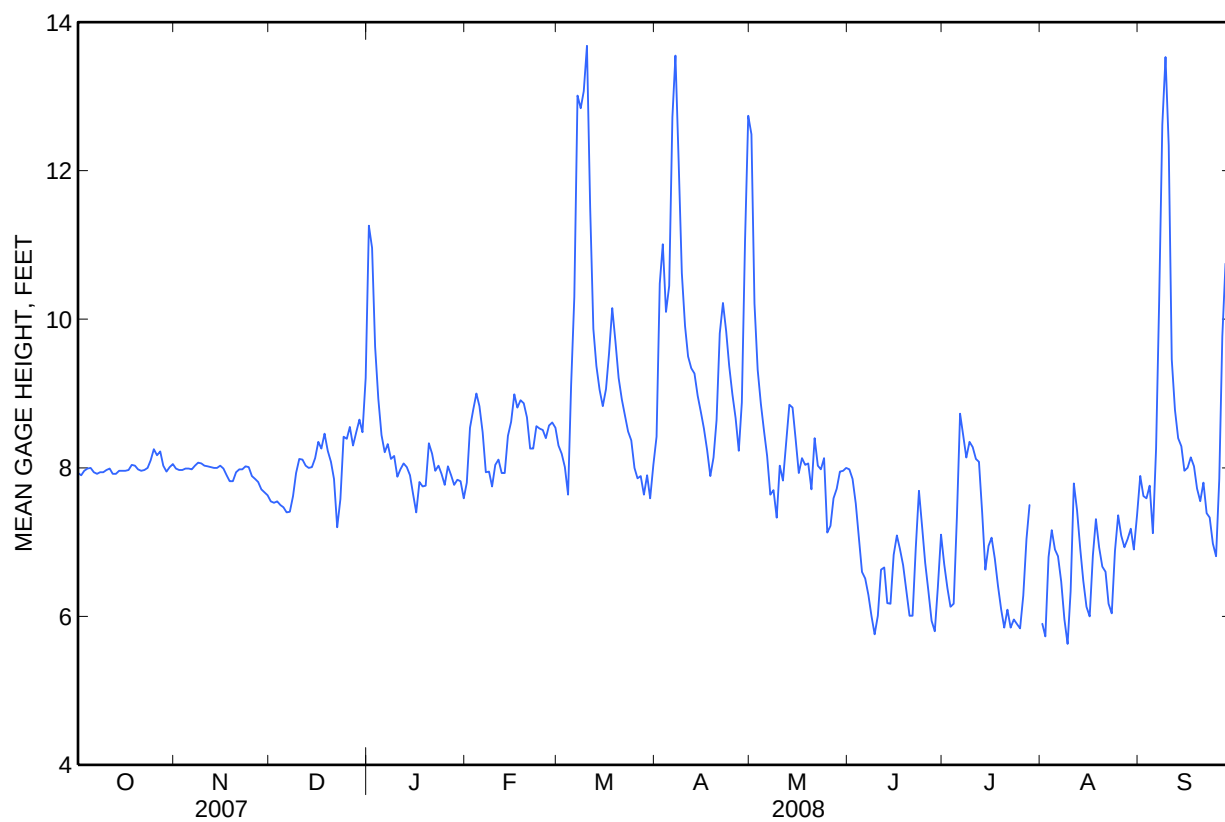
EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.01 ft, March 7; minimum gage height, 5.41 ft, August 2.

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

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.93	7.99	7.55	11.26	7.80	8.30	8.42	12.49	7.98	6.70	5.90	7.89
2	7.90	7.97	7.53	10.96	8.54	8.19	10.48	10.21	7.85	6.38	5.73	7.62
3	7.96	7.97	7.55	9.63	8.78	8.01	11.01	9.32	7.52	6.13	6.80	7.59
4	7.99	7.99	7.50	8.93	9.00	7.64	10.10	8.86	7.07	6.17	7.16	7.76
5	8.00	7.99	7.47	8.44	8.83	9.11	10.45	8.49	6.60	7.33	6.90	7.12
6	7.94	7.98	7.40	8.21	8.48	10.30	12.72	8.16	6.51	8.73	6.81	8.26
7	7.92	8.03	7.41	8.32	7.94	13.01	13.55	7.64	6.29	8.43	6.47	10.22
8	7.94	8.07	7.62	8.12	7.95	12.84	12.13	7.70	6.01	8.14	5.96	12.62
9	7.94	8.06	7.93	8.16	7.75	13.07	10.62	7.33	5.76	8.35	5.63	13.53
10	7.97	8.03	8.12	7.88	8.04	13.68	9.91	8.03	6.01	8.28	6.34	12.34
11	7.99	8.02	8.11	7.98	8.11	11.51	9.50	7.83	6.63	8.12	7.79	9.46
12	7.92	8.01	8.03	8.06	7.93	9.87	9.34	8.34	6.66	8.08	7.43	8.78
13	7.92	8.00	8.00	8.01	7.93	9.37	9.27	8.85	6.18	7.40	6.91	8.40
14	7.96	8.00	8.01	7.90	8.43	9.05	8.97	8.81	6.17	6.63	6.48	8.29
15	7.96	8.03	8.13	7.65	8.62	8.83	8.75	8.39	6.83	6.95	6.13	7.96
16	7.96	7.99	8.35	7.40	8.99	9.06	8.53	7.93	7.09	7.06	6.00	8.00
17	7.97	7.90	8.26	7.81	8.81	9.54	8.24	8.13	6.91	6.78	6.82	8.14
18	8.04	7.82	8.46	7.75	8.91	10.15	7.89	8.04	6.69	6.41	7.31	8.02
19	8.03	7.82	8.23	7.76	8.87	9.70	8.14	8.06	6.35	6.09	6.93	7.72
20	7.98	7.94	8.08	8.33	8.68	9.21	8.64	7.71	6.01	5.85	6.67	7.55
21	7.96	7.98	7.85	8.19	8.26	8.92	9.81	8.40	6.01	6.09	6.60	7.80
22	7.97	7.98	7.20	7.96	8.26	8.71	10.22	8.03	6.92	5.85	6.17	7.39
23	8.00	8.02	7.58	8.03	8.56	8.49	9.84	7.98	7.69	5.96	6.04	7.33
24	8.10	8.01	8.42	7.92	8.53	8.37	9.37	8.13	7.20	5.90	6.88	6.98
25	8.25	7.89	8.39	7.77	8.51	8.00	8.99	7.13	6.72	5.84	7.36	6.81
26	8.17	7.85	8.55	8.02	8.40	7.86	8.67	7.22	6.34	6.28	7.09	7.85
27	8.22	7.81	8.30	7.90	8.57	7.89	8.23	7.59	5.94	7.04	6.93	9.77
28	8.03	7.71	8.48	7.77	8.61	7.64	8.88	7.72	5.80	7.50	7.04	10.75
29	7.95	7.67	8.65	7.84	8.54	7.90	11.06	7.95	6.39	---	7.18	10.76
30	8.01	7.63	8.48	7.82	---	7.59	12.74	7.96	7.10	---	6.90	9.61
31	8.05	---	9.21	7.59	---	8.04	---	8.00	---	---	7.36	---
Mean	8.00	7.94	8.03	8.24	8.44	9.35	9.82	8.27	6.64	---	6.70	8.74
Max	8.25	8.07	9.21	11.26	9.00	13.68	13.55	12.49	7.98	---	7.79	13.53
Min	7.90	7.63	7.20	7.40	7.75	7.59	7.89	7.13	5.76	---	5.63	6.81

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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; consequently, winter record is poor.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY SUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	1.14	0.00	0.13	0.00	0.00	0.00	0.00	0.01
2	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.07	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	1.27	0.01	0.00	0.00	0.00	0.00	0.00
5	0.89	0.00	0.00	0.00	0.00	0.25	1.25	0.01	0.00	2.17	0.00	0.59
6	0.00	0.00	0.00	0.00	0.01	0.00	0.05	0.00	0.00	2.56	0.49	1.69
7	0.00	0.00	0.00	0.00	0.00	1.61	0.01	0.00	0.00	0.03	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.13	0.00	0.18	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.00	0.45	0.00	0.00
10	0.17	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.11	0.20
11	0.00	0.00	0.00	0.04	0.00	0.00	0.00	1.81	0.29	0.00	0.01	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	1.95	0.00	0.00	0.00	0.00	0.00	0.22	0.00
14	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.08	0.01	0.00
15	0.00	0.34	0.89	0.00	0.00	0.65	0.00	0.10	0.23	0.00	0.07	0.00
16	0.00	0.00	1.00	0.00	0.00	0.05	0.00	0.23	0.00	0.00	0.00	0.53
17	0.00	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.00
18	0.75	0.00	0.00	0.00	0.68	0.00	0.00	0.39	0.00	0.00	0.00	0.01
19	0.03	0.01	0.02	0.65	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.01	0.00	0.01	0.74	0.49	0.00	0.00	0.36	0.00
21	0.00	0.00	0.00	0.00	0.25	0.00	0.02	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.06	0.49	0.00	0.48	0.00	0.11	0.00	0.00	0.00
23	0.00	0.00	0.43	0.08	0.01	0.00	0.00	0.00	0.00	0.04	0.00	0.00
24	1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.06	0.00	0.00
25	1.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38
26	0.26	0.10	2.08	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.28	0.44
27	0.84	0.00	0.00	0.00	0.01	0.00	0.43	0.00	0.00	0.00	0.11	0.10
28	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.38	0.00	0.00	0.43	0.01
29	0.00	0.00	0.00	0.00	0.00	0.08	0.01	0.00	0.72	0.00	0.00	0.00
30	0.00	0.00	0.97	0.07	---	0.54	0.00	0.00	0.01	0.00	0.01	0.00
31	0.00	---	0.02	0.00	---	0.16	---	0.00	---	0.00	0.07	---
Total	5.48	0.56	5.49	1.34	4.96	5.02	4.83	4.20	1.82	5.57	3.17	3.96

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