

Water-Data Report 2007

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.

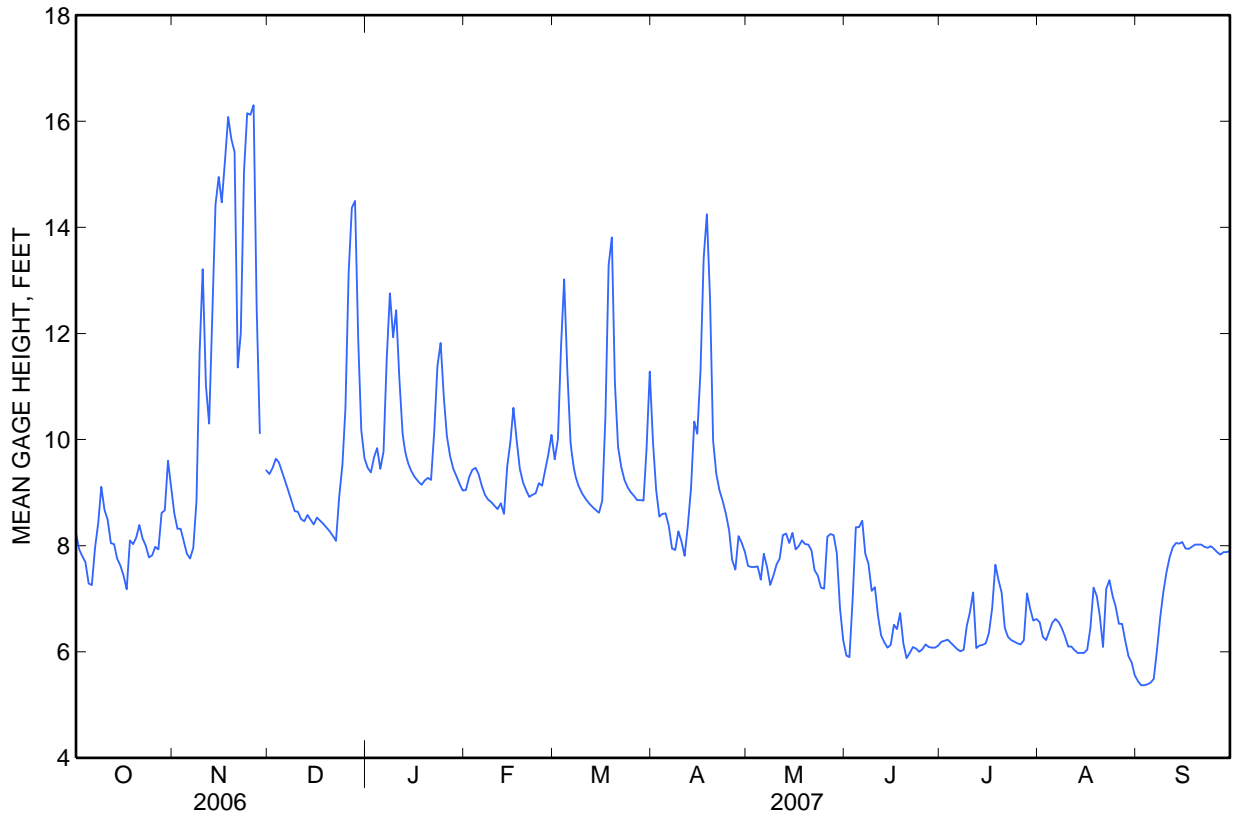
EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.42 ft, November 26; minimum gage height, 5.35 ft, September 2, 3.

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.24	8.62	9.35	9.47	9.05	9.63	9.96	7.62	5.93	6.19	6.56	5.45
2	7.93	8.32	9.47	9.38	9.29	10.01	9.05	7.60	5.90	6.21	6.28	5.37
3	7.80	8.32	9.64	9.67	9.43	11.79	8.55	7.60	6.99	6.23	6.22	5.37
4	7.69	8.08	9.57	9.84	9.47	13.02	8.60	7.61	8.35	6.17	6.38	5.39
5	7.29	7.85	9.39	9.45	9.35	11.28	8.61	7.36	8.35	6.11	6.55	5.42
6	7.26	7.76	9.21	9.77	9.13	9.95	8.37	7.85	8.47	6.05	6.62	5.49
7	7.96	7.96	9.03	11.52	8.96	9.49	7.95	7.60	7.85	6.01	6.56	6.03
8	8.43	8.84	8.82	12.76	8.87	9.21	7.92	7.26	7.66	6.04	6.44	6.64
9	9.11	11.68	8.65	11.93	8.82	9.06	8.27	7.44	7.15	6.48	6.29	7.13
10	8.68	13.21	8.64	12.44	8.75	8.96	8.08	7.65	7.22	6.75	6.10	7.49
11	8.49	11.02	8.50	11.15	8.69	8.86	7.81	7.76	6.67	7.12	6.10	7.78
12	8.05	10.30	8.46	10.13	8.80	8.79	8.38	8.20	6.31	6.07	6.03	7.97
13	8.03	12.35	8.58	9.73	8.60	8.73	9.09	8.23	6.18	6.12	5.98	8.05
14	7.76	14.43	8.49	9.51	9.49	8.67	10.34	8.05	6.08	6.13	5.98	8.04
15	7.63	14.95	8.40	9.38	9.96	8.62	10.11	8.24	6.13	6.16	5.98	8.07
16	7.44	14.47	8.53	9.29	10.60	8.85	11.28	7.93	6.51	6.36	6.04	7.95
17	7.18	15.25	8.47	9.20	9.99	10.44	13.42	7.99	6.43	6.82	6.45	7.94
18	8.10	16.08	8.41	9.15	9.45	13.29	14.25	8.10	6.73	7.64	7.21	7.98
19	8.03	15.66	8.34	9.23	9.19	13.81	12.63	8.03	6.16	7.36	7.05	8.02
20	8.15	15.42	8.28	9.28	9.04	11.08	9.98	8.02	5.88	7.12	6.67	8.02
21	8.39	11.36	8.18	9.24	8.92	9.86	9.35	7.91	5.98	6.45	6.09	8.02
22	8.14	12.01	8.09	10.15	8.96	9.48	9.04	7.54	6.09	6.28	7.19	7.98
23	8.00	15.05	8.92	11.39	8.99	9.24	8.84	7.44	6.06	6.22	7.35	7.96
24	7.78	16.15	9.52	11.82	9.18	9.10	8.60	7.21	6.00	6.19	7.05	7.99
25	7.82	16.12	10.59	10.80	9.13	9.01	8.29	7.19	6.05	6.16	6.85	7.94
26	7.98	16.30	13.14	10.07	9.42	8.94	7.73	8.17	6.14	6.14	6.53	7.88
27	7.93	12.51	14.37	9.69	9.72	8.86	7.55	8.22	6.09	6.22	6.53	7.83
28	8.62	10.12	14.50	9.45	10.09	8.86	8.18	8.20	6.08	7.10	6.21	7.88
29	8.67	---	11.87	9.31	---	8.85	8.05	7.86	6.08	6.81	5.92	7.88
30	9.60	9.42	10.18	9.16	---	9.83	7.88	6.82	6.12	6.59	5.80	7.90
31	9.12	---	9.65	9.04	---	11.28	---	6.22	---	6.62	5.56	---
Mean	8.11	---	9.52	10.08	9.26	9.90	9.21	7.71	6.59	6.45	6.41	7.30
Max	9.60	---	14.50	12.76	10.60	13.81	14.25	8.24	8.47	7.64	7.35	8.07
Min	7.18	---	8.09	9.04	8.60	8.62	7.55	6.22	5.88	6.01	5.56	5.37

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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 2006 TO SEPTEMBER 2007
DAILY SUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.05	0.17	0.44	0.12	0.00	0.00	0.00	0.00	0.00	---
2	0.00	0.10	0.00	0.00	0.18	0.54	0.00	0.00	0.09	0.00	0.00	---
3	0.00	0.00	0.26	0.00	0.01	0.00	0.00	0.00	2.36	0.00	0.00	---
4	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
5	0.00	0.00	0.12	0.01	0.00	0.00	0.00	0.01	0.13	0.00	0.00	---
6	0.84	0.00	0.00	0.39	0.00	0.00	0.00	0.20	0.27	0.00	0.00	---
7	0.11	1.14	0.00	0.07	0.00	0.00	0.16	0.00	0.00	0.00	0.00	---
8	0.01	0.10	0.00	0.31	0.00	0.00	0.00	0.03	0.00	0.00	0.00	---
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.01	---
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.95	---
11	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.11	0.00	---
12	0.08	2.18	0.00	0.00	0.00	0.00	0.55	0.10	0.00	0.01	0.00	---
13	0.00	0.01	0.00	0.00	0.69	0.00	0.01	0.00	0.05	0.00	0.00	---
14	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.00	---
15	0.00	0.00	0.00	0.00	0.00	0.00	1.60	0.00	0.00	0.00	0.00	---
16	0.00	2.02	0.00	0.04	0.00	1.47	0.04	0.11	0.00	0.00	0.00	---
17	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.96	0.38	---
18	0.07	0.00	0.00	0.24	0.00	0.00	0.00	0.04	0.00	0.28	0.00	---
19	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	---
20	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	---
21	0.00	0.76	0.00	0.65	0.19	0.00	0.00	0.00	0.00	0.00	---	---
22	0.04	1.57	0.79	0.33	0.13	0.00	0.00	0.00	0.00	0.00	0.00	---
23	0.01	0.01	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---
24	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---
25	0.00	0.00	1.98	0.00	0.64	0.00	0.00	0.00	0.43	0.00	---	---
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	---
27	0.88	0.00	0.00	0.00	0.00	0.91	0.14	0.00	0.00	0.61	---	---
28	0.76	0.00	0.00	0.03	0.00	0.08	0.00	0.00	0.00	0.00	---	0.00
29	0.00	---	0.00	0.00	---	0.25	0.00	0.00	0.43	0.05	---	0.00
30	0.00	0.15	0.00	0.00	---	0.00	0.00	0.00	0.01	0.02	---	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.00	---	---
Total	3.54	---	3.37	2.25	2.72	3.37	2.56	1.01	3.85	2.56	---	---

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