

02083640 TOWN CREEK AT U.S. HIGHWAY 258 NEAR PINETOPS, NC

Pamlico Basin
Lower Tar Subbasin

LOCATION.--Lat 35°47'53", long 77°35'29" referenced to North American Datum of 1983, Edgecombe County, NC, Hydrologic Unit 03020103, at bridge on U.S. Highway 258, 0.2 mi downstream from Bynums Mill Creek and 2.8 mi east of Pinetops.

DRAINAGE AREA.--190 mi².

SURFACE-WATER RECORDS

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

GAGE.--Water-stage recorder. Datum of gage is 20 ft, above North American Vertical Datum of 1988. Satellite telemetry at station.

REMARKS.--Discharge measurement collected in support of the 2007-2008 drought assessment of the Tar River basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 22.40 ft, Sept. 3, 2006; minimum gage height, 0.58 ft, August 7, 8, 9, 2007.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.26 ft, March 10; minimum gage height, not determined.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

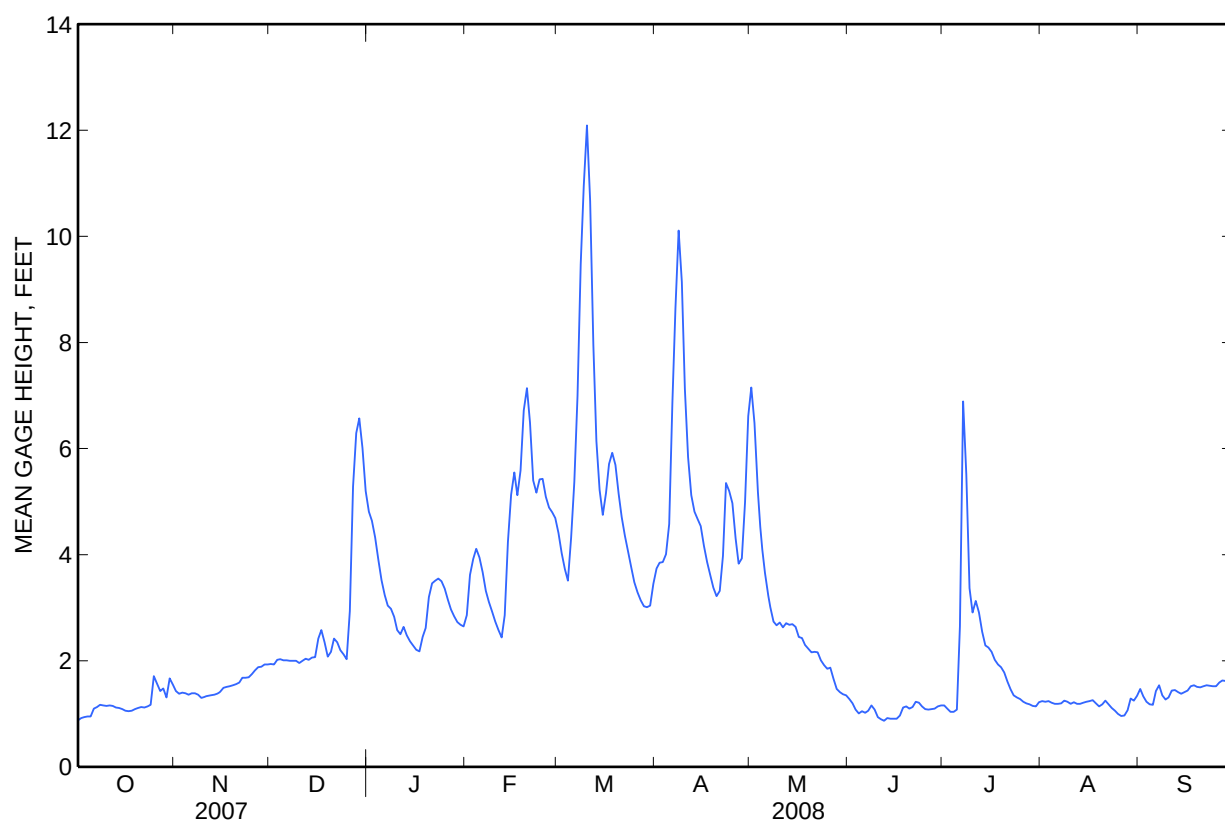
Date	Discharge, in ft³/s
Oct 15, 2007	0.10

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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	0.88	1.43	1.94	4.81	2.86	4.41	3.74	7.15	1.28	1.16	1.24	1.47
2	0.92	1.38	1.93	4.64	3.62	4.03	3.85	6.48	1.20	1.10	1.23	1.33
3	0.94	1.40	2.02	4.33	3.92	3.73	3.86	5.27	1.08	1.04	1.24	1.23
4	0.95	1.39	2.03	3.91	4.11	3.51	4.01	4.40	1.01	1.04	1.21	1.18
5	0.95	1.36	2.01	3.52	3.95	4.32	4.58	3.81	1.05	1.08	1.19	1.17
6	1.10	1.39	2.01	3.24	3.67	5.37	6.87	3.38	1.02	2.65	1.19	1.43
7	1.13	1.39	2.00	3.04	3.32	6.99	8.64	3.01	1.06	6.89	1.20	1.54
8	1.17	1.36	2.00	2.98	3.11	9.48	10.11	2.74	1.16	5.51	1.25	1.35
9	1.16	1.30	2.00	2.83	2.93	10.95	9.14	2.67	1.08	3.37	1.23	1.27
10	1.15	1.32	1.96	2.58	2.74	12.09	7.12	2.72	0.94	2.91	1.19	1.31
11	1.16	1.34	2.00	2.50	2.58	10.66	5.84	2.63	0.90	3.13	1.22	1.44
12	1.15	1.35	2.04	2.64	2.44	7.95	5.12	2.71	0.87	2.91	1.19	1.45
13	1.12	1.36	2.02	2.48	2.86	6.14	4.81	2.68	0.92	2.55	1.19	1.41
14	1.11	1.38	2.06	2.37	4.24	5.22	4.67	2.69	0.91	2.29	1.21	1.38
15	1.09	1.42	2.07	2.29	5.13	4.75	4.54	2.64	0.91	2.25	1.23	1.41
16	1.06	1.49	2.42	2.21	5.55	5.16	4.17	2.45	0.91	2.17	1.24	1.44
17	1.05	1.51	2.58	2.18	5.12	5.71	3.86	2.43	0.97	2.02	1.26	1.52
18	1.06	1.52	2.35	2.45	5.59	5.92	3.61	2.30	1.12	1.93	1.20	1.54
19	1.09	1.54	2.08	2.62	6.72	5.69	3.38	2.23	1.14	1.88	1.14	1.51
20	1.11	1.56	2.17	3.20	7.14	5.15	3.22	2.16	1.10	1.78	1.18	1.50
21	1.13	1.59	2.42	3.46	6.49	4.71	3.32	2.17	1.13	1.61	1.25	1.52
22	1.12	1.68	2.35	3.51	5.40	4.36	3.98	2.16	1.23	1.46	1.18	1.54
23	1.14	1.68	2.20	3.55	5.17	4.06	5.35	2.01	1.21	1.35	1.11	1.53
24	1.17	1.69	2.12	3.50	5.42	3.76	5.20	1.92	1.14	1.31	1.06	1.52
25	1.71	1.75	2.03	3.36	5.43	3.48	4.97	1.85	1.09	1.28	1.00	1.52
26	1.57	1.82	2.94	3.15	5.09	3.29	4.31	1.87	1.08	1.23	0.96	1.59
27	1.43	1.88	5.28	2.97	4.89	3.14	3.83	1.66	1.09	1.20	0.97	1.63
28	1.48	1.89	6.29	2.84	4.80	3.03	3.93	1.47	1.10	1.18	1.07	1.62
29	1.31	1.93	6.57	2.73	4.69	3.01	4.99	1.41	1.14	1.15	1.29	1.59
30	1.67	1.93	6.01	2.68	---	3.04	6.61	1.37	1.16	1.14	1.25	1.56
31	1.55	---	5.20	2.65	---	3.45	---	1.35	---	1.22	1.34	---
Mean	1.18	1.53	2.75	3.07	4.45	5.37	5.05	2.77	1.07	2.06	1.18	1.45
Max	1.71	1.93	6.57	4.81	7.14	12.09	10.11	7.15	1.28	6.89	1.34	1.63
Min	0.88	1.30	1.93	2.18	2.44	3.01	3.22	1.35	0.87	1.04	0.96	1.17

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CLIMATOLOGICAL RECORDS

PERIOD OF RECORD.--July 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	0.89	0.01	0.06	0.00	0.02	0.00	0.00	0.00
2	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00
3	0.00	0.00	0.06	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.01	0.00
4	0.00	0.00	0.00	0.00	0.00	0.60	0.02	0.00	0.00	0.00	0.00	0.00
5	0.41	0.00	0.00	0.00	0.00	0.58	1.27	0.18	0.00	2.32	0.00	0.79
6	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	2.85	0.05	0.90
7	0.00	0.00	0.00	0.00	0.00	0.90	0.01	0.00	0.00	0.03	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.15	0.00	0.01	0.38	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.21	0.00	0.05
10	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.51	0.24
11	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.31	0.00	0.57	0.00	0.00
12	0.00	0.00	0.00	0.00	0.02	0.00	0.34	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	1.39	0.00	0.00	0.00	0.00	0.00	0.19	0.00
14	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.16	0.01	0.00
15	0.00	0.25	0.87	0.00	0.00	0.70	0.00	0.04	0.03	0.00	0.24	0.00
16	0.00	0.00	0.93	0.00	0.00	0.02	0.00	0.48	0.00	0.00	0.00	0.44
17	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.58	0.00	0.00	0.00
18	0.06	0.00	0.00	0.00	1.68	0.00	0.00	0.32	0.00	0.00	0.00	0.00
19	0.02	0.01	0.02	0.58	0.00	0.11	0.00	0.00	0.00	0.22	0.00	0.00
20	0.00	0.00	0.00	0.02	0.00	0.00	0.73	0.27	0.01	0.05	0.00	0.00
21	0.00	0.00	0.00	0.00	0.20	0.00	0.06	0.00	0.47	0.00	0.00	0.00
22	0.00	0.00	0.00	0.10	0.38	0.00	0.16	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.26	0.04	0.03	0.00	0.00	0.00	0.00	0.12	0.00	0.00
24	0.66	0.00	0.01	0.00	0.00	0.00	0.00	0.11	0.00	0.09	0.00	0.00
25	2.09	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
26	0.27	0.06	2.03	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.07	---
27	0.42	0.00	0.01	0.00	0.00	0.00	0.70	0.00	0.00	0.06	0.19	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.41	0.00	0.00	0.88	0.00
29	0.00	0.00	0.01	0.00	0.00	0.23	0.00	0.01	0.04	0.00	0.00	0.00
30	0.00	0.00	0.93	0.10	---	0.59	0.00	0.00	0.02	0.00	1.22	0.00
31	0.00	---	0.03	0.01	---	0.11	---	0.00	---	0.18	0.18	---
Total	4.06	0.48	5.17	1.50	4.96	4.26	4.52	2.52	1.17	6.88	4.03	---

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