



Water-Data Report 2007

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.

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.

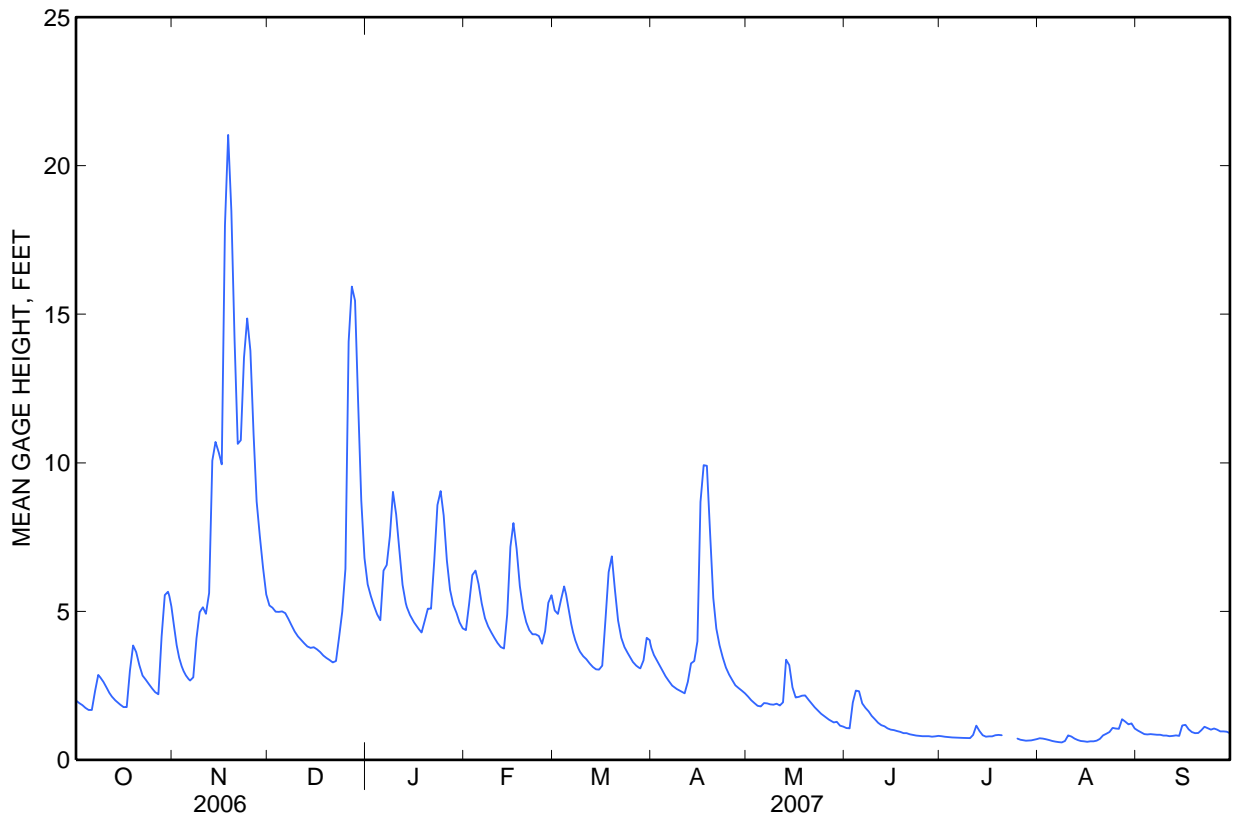
EXTREMES FOR CURRENT YEAR.--Maximum gage height, 21.39 ft, November 18; minimum gage height, 0.58 ft, August 7, 8, 9.

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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 | 2.00 | 4.45 | 5.20 | 5.91 | 4.37 | 5.03 | 3.62 | 2.13 | 1.07 | 0.80 | 0.73 | 0.99 |
| 2 | 1.91 | 3.77 | 5.12 | 5.51 | 5.25 | 4.91 | 3.37 | 2.01 | 1.06 | 0.78 | 0.72 | 0.93 |
| 3 | 1.84 | 3.25 | 4.99 | 5.19 | 6.22 | 5.41 | 3.20 | 1.91 | 1.93 | 0.77 | 0.70 | 0.87 |
| 4 | 1.75 | 2.96 | 4.98 | 4.90 | 6.37 | 5.84 | 3.00 | 1.82 | 2.33 | 0.75 | 0.67 | 0.86 |
| 5 | 1.68 | 2.79 | 5.00 | 4.70 | 5.92 | 5.33 | 2.81 | 1.80 | 2.31 | 0.76 | 0.64 | 0.87 |
| 6 | 1.68 | 2.67 | 4.94 | 6.37 | 5.26 | 4.69 | 2.67 | 1.91 | 1.90 | 0.75 | 0.62 | 0.86 |
| 7 | 2.31 | 2.78 | 4.75 | 6.56 | 4.77 | 4.22 | 2.50 | 1.90 | 1.75 | 0.74 | 0.60 | 0.85 |
| 8 | 2.86 | 4.09 | 4.53 | 7.54 | 4.49 | 3.86 | 2.42 | 1.87 | 1.63 | 0.74 | 0.59 | 0.85 |
| 9 | 2.74 | 4.97 | 4.32 | 9.02 | 4.29 | 3.64 | 2.36 | 1.86 | 1.48 | 0.74 | 0.64 | 0.82 |
| 10 | 2.57 | 5.14 | 4.16 | 8.26 | 4.10 | 3.49 | 2.30 | 1.89 | 1.37 | 0.73 | 0.83 | 0.82 |
| 11 | 2.35 | 4.92 | 4.04 | 7.06 | 3.93 | 3.39 | 2.24 | 1.83 | 1.25 | 0.84 | 0.79 | 0.80 |
| 12 | 2.17 | 5.62 | 3.92 | 5.89 | 3.80 | 3.25 | 2.63 | 1.94 | 1.17 | 1.15 | 0.72 | 0.81 |
| 13 | 2.05 | 10.07 | 3.82 | 5.28 | 3.75 | 3.13 | 3.25 | 3.37 | 1.13 | 0.97 | 0.67 | 0.83 |
| 14 | 1.95 | 10.70 | 3.77 | 4.97 | 4.89 | 3.05 | 3.33 | 3.19 | 1.06 | 0.83 | 0.64 | 0.81 |
| 15 | 1.86 | 10.35 | 3.79 | 4.73 | 7.17 | 3.04 | 3.99 | 2.44 | 1.02 | 0.78 | 0.63 | 1.16 |
| 16 | 1.78 | 9.95 | 3.72 | 4.58 | 7.97 | 3.17 | 8.68 | 2.10 | 1.00 | 0.79 | 0.61 | 1.18 |
| 17 | 1.78 | 17.99 | 3.63 | 4.43 | 7.10 | 4.71 | 9.92 | 2.12 | 0.97 | 0.79 | 0.63 | 1.03 |
| 18 | 3.00 | 21.04 | 3.51 | 4.29 | 5.85 | 6.32 | 9.90 | 2.16 | 0.94 | 0.83 | 0.63 | 0.94 |
| 19 | 3.85 | 18.48 | 3.43 | 4.69 | 5.09 | 6.85 | 7.65 | 2.17 | 0.90 | 0.84 | 0.65 | 0.90 |
| 20 | 3.63 | 14.15 | 3.36 | 5.09 | 4.64 | 5.74 | 5.45 | 2.03 | 0.90 | 0.83 | 0.71 | 0.91 |
| 21 | 3.19 | 10.64 | 3.28 | 5.09 | 4.37 | 4.69 | 4.42 | 1.90 | 0.86 | --- | 0.83 | 1.00 |
| 22 | 2.84 | 10.76 | 3.33 | 6.69 | 4.23 | 4.11 | 3.86 | 1.77 | 0.84 | --- | 0.88 | 1.12 |
| 23 | 2.70 | 13.54 | 4.16 | 8.58 | 4.23 | 3.80 | 3.45 | 1.66 | 0.82 | --- | 0.94 | 1.07 |
| 24 | 2.55 | 14.86 | 4.99 | 9.05 | 4.17 | 3.59 | 3.11 | 1.55 | 0.81 | --- | 1.08 | 1.02 |
| 25 | 2.40 | 13.77 | 6.43 | 8.23 | 3.91 | 3.42 | 2.87 | 1.47 | 0.80 | 0.72 | 1.06 | 1.06 |
| 26 | 2.28 | 10.95 | 14.08 | 6.71 | 4.33 | 3.25 | 2.68 | 1.40 | 0.80 | 0.68 | 1.05 | 1.02 |
| 27 | 2.21 | 8.70 | 15.93 | 5.72 | 5.29 | 3.15 | 2.51 | 1.32 | 0.80 | 0.66 | 1.37 | 0.96 |
| 28 | 4.15 | 7.53 | 15.46 | 5.22 | 5.54 | 3.08 | 2.42 | 1.26 | 0.78 | 0.65 | 1.29 | 0.96 |
| 29 | 5.55 | 6.47 | 12.09 | 4.95 | --- | 3.35 | 2.33 | 1.28 | 0.79 | 0.65 | 1.20 | 0.95 |
| 30 | 5.66 | 5.57 | 8.73 | 4.63 | --- | 4.11 | 2.24 | 1.15 | 0.81 | 0.67 | 1.23 | 0.90 |
| 31 | 5.19 | --- | 6.80 | 4.43 | --- | 4.03 | --- | 1.12 | --- | 0.71 | 1.06 | --- |
| Mean | 2.73 | 8.76 | 5.81 | 5.94 | 5.05 | 4.18 | 3.84 | 1.88 | 1.18 | --- | 0.82 | 0.94 |
| Max | 5.66 | 21.04 | 15.93 | 9.05 | 7.97 | 6.85 | 9.92 | 3.37 | 2.33 | --- | 1.37 | 1.18 |
| Min | 1.68 | 2.67 | 3.28 | 4.29 | 3.75 | 3.04 | 2.24 | 1.12 | 0.78 | --- | 0.59 | 0.80 |

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

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 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 | 0.07 | 0.10 | 0.66 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 0.40 | 0.00 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.17 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.01 | 0.03 | 0.00 | 0.00 | 0.00 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.85 | 0.00 | 0.00 | 1.40 | 0.00 | 0.00 | 0.00 | 0.22 | 0.00 | 0.00 | 0.01 | 0.00 |
| 7 | 0.01 | 1.05 | 0.00 | 0.07 | 0.00 | 0.00 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.09 | 0.00 | 0.95 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.20 | 0.00 | 0.00 | 1.12 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.85 | 0.43 | 0.00 |
| 11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 0.90 | 0.01 | 0.00 |
| 12 | 0.02 | 1.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 0.66 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| 14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.80 |
| 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.68 | 0.01 | 0.00 | 0.00 | 0.00 | 0.65 |
| 16 | 0.00 | 1.84 | 0.00 | 0.05 | 0.00 | 0.90 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17 | 0.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.60 | 0.00 | 0.22 | 0.10 | 0.00 |
| 18 | 0.62 | 0.00 | 0.00 | 0.54 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.45 | 0.00 | 0.06 |
| 19 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 0.58 |
| 21 | 0.00 | 0.65 | 0.00 | 0.54 | 0.02 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.49 | 0.01 |
| 22 | 0.18 | 1.10 | 0.64 | 0.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | 0.00 | 0.02 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.75 | 0.00 |
| 24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.00 | 2.27 | 0.00 | 0.52 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 |
| 26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.41 | 0.00 |
| 27 | 1.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 0.00 | 0.00 | 0.00 | 0.94 | 0.00 |
| 28 | 0.55 | 0.00 | 0.00 | 0.11 | 0.00 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29 | 0.00 | 0.00 | 0.00 | 0.00 | --- | 0.26 | 0.02 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 |
| 30 | 0.00 | 0.06 | 0.00 | 0.00 | --- | 0.00 | 0.00 | 0.00 | 0.01 | 0.47 | 0.00 | 0.00 |
| 31 | 0.00 | --- | 0.00 | 0.00 | --- | 0.00 | --- | 0.00 | --- | 0.00 | 0.00 | --- |
| Total | 4.31 | 6.56 | 3.37 | 4.33 | 2.14 | 2.12 | 3.78 | 2.05 | 2.66 | 2.89 | 4.27 | 2.10 |

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