

Water-Data Report 2008

02081054 ROANOKE RIVER AT WILLIAMSTON, NC

Roanoke Basin
Lower Roanoke Subbasin

LOCATION.--Lat 35°51'35", long 77°02'25" referenced to North American Datum of 1983, Martin County, NC, Hydrologic Unit 03010107, on right bank 175 ft upstream of U.S. Highway 17 bridge, .75 mi above Sweetwater Creek, and 1 mi northeast of Williamston.

DRAINAGE AREA.--9,070 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--

DISCHARGE: July 2006 to November 2007 (discontinued).

GAGE HEIGHT: December 1985 to current year.

GAGE.--Water stage recorder. Datum of gage is 2.86 ft below NGVD of 1929. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 18,400 ft³/s, December 11, 2006, maximum gage height, 11.91 ft, April 27, 2003; minimum discharge, 553 ft³/s, October 14, 2007, minimum gage height, -0.35 ft, January 4, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 9.64 ft, April 23; minimum gage height, 2.93 ft, December 4.

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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	4.10	4.88	3.86	4.58	4.31	4.17	4.32	8.45	7.81	4.68	5.23	4.56
2	4.35	5.09	3.78	3.83	4.51	4.26	5.04	8.34	7.36	4.34	5.76	4.44
3	4.52	3.87	3.56	3.56	4.53	4.18	5.16	8.21	6.98	4.30	5.41	4.44
4	4.61	4.12	3.12	3.56	4.32	4.25	4.85	8.09	6.81	4.56	4.97	4.87
5	4.64	4.56	3.57	4.29	4.19	4.52	5.18	8.04	6.79	5.07	4.81	5.75
6	4.66	4.65	3.72	4.86	4.21	4.77	5.69	8.04	6.71	5.08	4.58	6.16
7	4.48	4.36	3.59	4.81	4.25	4.67	5.81	8.21	6.53	5.97	4.77	5.92
8	4.49	4.04	3.90	4.21	4.33	4.82	5.67	8.35	6.38	5.28	5.04	5.24
9	4.42	4.01	3.98	4.05	4.21	5.12	5.58	8.46	6.19	5.13	5.16	4.77
10	4.59	4.17	3.89	3.97	3.91	5.49	5.88	8.54	5.89	5.37	4.90	4.65
11	4.58	3.85	3.88	3.86	4.05	5.29	7.31	8.59	5.66	5.38	4.68	4.68
12	4.07	3.93	3.73	4.12	4.41	4.93	8.40	8.62	5.26	5.63	4.39	4.66
13	4.43	---	3.94	3.86	4.64	4.90	8.77	8.55	5.01	5.25	4.55	4.50
14	4.56	---	4.08	3.63	4.64	4.70	8.89	8.47	4.91	4.83	4.37	4.49
15	4.52	---	4.34	3.47	4.46	4.78	8.98	8.49	4.85	---	4.85	4.67
16	4.47	3.57	3.95	3.47	4.74	4.87	9.05	8.54	4.85	4.46	5.29	5.40
17	4.43	3.89	3.45	4.12	4.49	4.50	9.11	8.68	4.99	4.38	4.94	5.82
18	4.43	4.10	3.98	4.07	4.63	4.40	9.20	8.85	4.89	4.68	4.68	4.79
19	4.56	4.07	4.87	4.43	4.64	4.48	9.28	8.97	4.68	5.50	4.55	4.48
20	4.45	3.90	4.76	4.02	4.55	4.65	9.31	9.06	4.63	5.56	4.96	3.92
21	4.28	4.16	4.36	3.88	4.82	4.54	9.41	9.16	4.66	4.81	5.39	3.86
22	4.34	4.21	3.99	4.13	4.60	4.54	9.55	9.21	4.67	4.99	5.17	4.19
23	4.36	---	4.04	4.63	4.72	4.85	9.58	9.26	4.69	6.44	4.69	4.65
24	4.60	---	4.19	4.38	4.72	4.49	9.48	9.31	4.65	7.51	4.39	5.13
25	---	---	4.35	4.03	4.61	3.91	9.30	9.30	4.58	7.38	4.31	4.43
26	5.23	---	4.42	3.99	4.81	3.89	9.06	9.25	4.51	6.21	4.40	4.37
27	5.17	4.45	4.20	4.01	4.66	4.33	8.83	9.13	4.55	5.16	4.62	4.86
28	4.86	4.38	4.68	3.89	4.15	4.46	8.67	9.01	4.56	4.80	4.87	5.08
29	4.47	4.01	4.74	4.15	4.31	4.77	8.58	8.80	4.66	4.54	4.88	5.01
30	4.49	3.98	4.94	4.39	---	4.47	8.52	8.47	4.84	4.59	4.76	5.28
31	4.86	---	4.55	4.65	---	4.15	---	8.18	---	4.68	4.88	---
Mean	---	---	4.08	4.09	4.46	4.59	7.75	8.67	5.45	---	4.85	4.84
Max	---	---	4.94	4.86	4.82	5.49	9.58	9.31	7.81	---	5.76	6.16
Min	---	---	3.12	3.47	3.91	3.89	4.32	8.04	4.51	---	4.31	3.86

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