



Water-Data Report 2010

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, 11.55 ft, February 8, 9; minimum gage height, 3.87 ft, September 3.

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.45	5.31	11.29	11.41	11.43	11.33	10.74	8.13	6.51	4.59	4.73	4.80
2	5.46	4.83	11.29	11.39	11.42	11.34	10.86	7.96	6.47	4.37	4.51	5.13
3	5.58	4.63	11.34	11.38	11.42	11.37	10.96	7.77	6.73	4.16	4.47	4.48
4	5.11	5.11	11.34	11.37	11.42	11.37	11.03	7.65	7.13	4.17	4.35	4.67
5	4.63	5.09	11.37	11.37	11.43	11.36	11.08	7.41	7.24	4.17	4.52	5.02
6	4.75	4.93	11.38	11.36	11.51	11.36	11.12	7.25	7.27	4.10	4.77	4.94
7	4.53	5.30	11.38	11.36	11.53	11.37	11.15	7.22	7.35	4.30	4.93	4.79
8	4.60	5.12	11.39	11.35	11.53	11.36	11.18	7.02	7.30	4.91	4.72	4.69
9	4.43	4.81	11.46	11.34	11.53	11.36	11.23	6.80	7.30	5.01	4.61	5.03
10	4.59	4.68	11.47	11.33	11.51	11.35	11.23	6.50	7.30	4.80	4.55	5.25
11	4.57	5.24	11.46	11.33	11.48	11.35	11.23	6.30	7.39	4.55	4.75	5.05
12	4.35	6.79	11.46	11.33	11.46	11.35	11.22	6.18	7.33	4.58	5.02	5.27
13	4.12	8.10	11.45	11.32	11.44	11.35	11.18	6.45	7.13	4.67	5.29	4.83
14	4.41	9.42	11.44	11.33	11.42	11.34	11.12	6.29	6.79	4.81	5.29	4.66
15	4.21	9.86	11.43	11.32	11.41	11.28	11.05	6.30	6.66	4.83	5.14	5.29
16	4.31	10.20	11.41	11.32	11.39	11.17	10.96	6.26	6.62	4.90	4.93	5.49
17	4.09	10.49	11.39	11.35	11.38	11.03	10.87	6.08	6.72	5.13	4.86	5.32
18	4.16	10.68	11.39	11.33	11.37	10.86	10.75	6.45	7.43	4.84	4.93	5.30
19	4.14	10.83	11.39	11.29	11.36	10.65	10.59	6.72	7.51	4.60	4.92	4.82
20	4.69	10.94	11.38	11.25	11.35	10.43	10.32	6.74	6.81	4.72	4.90	4.46
21	5.02	11.03	11.37	11.22	11.34	10.31	9.99	6.70	5.74	4.60	4.90	4.62
22	4.95	11.11	11.37	11.26	11.35	10.26	9.67	6.58	5.17	4.49	5.06	5.01
23	4.91	11.18	11.37	11.26	11.34	10.23	9.37	6.61	4.98	4.35	4.77	5.10
24	4.98	11.22	11.37	11.29	11.34	10.22	9.13	6.86	4.70	4.69	4.92	5.14
25	5.12	11.25	11.39	11.36	11.34	10.25	8.92	6.96	4.81	4.88	4.78	5.69
26	4.77	11.27	11.44	11.40	11.34	10.25	8.75	6.77	4.70	4.66	5.07	5.71
27	4.73	11.28	11.43	11.42	11.33	10.23	8.58	6.59	4.74	4.26	5.31	5.40
28	4.91	11.29	11.42	11.42	11.33	10.21	8.43	6.77	4.73	4.49	5.33	5.73
29	4.78	11.30	11.40	11.43	---	10.37	8.30	6.75	4.86	4.64	4.96	6.58
30	4.58	11.29	11.40	11.45	---	10.52	8.20	6.71	4.80	5.33	4.61	7.97
31	4.85	---	11.41	11.44	---	10.63	---	6.60	---	5.24	4.64	---
Mean	4.70	8.49	11.40	11.35	11.41	10.90	10.31	6.82	6.34	4.64	4.86	5.21
Max	5.58	11.30	11.47	11.45	11.53	11.37	11.23	8.13	7.51	5.33	5.33	7.97
Min	4.09	4.63	11.29	11.22	11.33	10.21	8.20	6.08	4.70	4.10	4.35	4.46

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