

Water-Data Report 2007

02081028 ROANOKE RIVER AT HAMILTON, NC

Roanoke Basin
Lower Roanoke Subbasin

LOCATION.--Lat 35°56'51", long 77°12'09" referenced to North American Datum of 1983, Martin County, NC, Hydrologic Unit 03010107, on downstream side of public boat ramp, 0.5 mi east of Hamilton.

DRAINAGE AREA.--8,890 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--August 1986 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 18.17 ft, September 19, 1999; minimum elevation 1.33 ft, January 4, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 17.40 ft, January 26, 27; minimum elevation, 1.60 ft, September 19.

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ELEVATION, 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	4.64	4.85	16.13	7.20	14.97	11.32	9.47	13.45	6.47	3.76	3.74	3.48
2	3.39	4.59	16.19	8.47	14.19	11.22	11.65	12.18	6.38	3.64	3.86	3.09
3	3.38	9.39	16.39	11.71	12.87	11.14	12.19	11.09	5.47	3.65	4.54	2.97
4	4.93	13.13	16.62	13.88	10.76	9.45	12.55	10.37	4.40	3.64	4.57	2.96
5	7.85	12.96	16.75	13.54	9.11	7.74	13.51	9.88	3.84	3.65	4.03	3.28
6	7.11	12.76	16.87	14.82	8.71	6.73	14.03	9.35	3.64	3.63	3.42	3.65
7	5.42	12.10	16.94	15.65	8.75	6.15	14.23	8.83	3.50	3.63	3.23	3.25
8	6.25	8.92	16.99	16.10	8.92	5.92	13.83	8.28	3.44	3.51	3.45	3.71
9	8.53	6.92	17.09	16.44	7.61	5.67	13.38	7.92	3.44	3.55	4.80	3.49
10	9.17	7.12	17.14	16.68	6.37	5.41	13.12	7.88	3.35	4.34	7.50	2.89
11	9.67	9.00	17.17	16.81	5.26	4.63	12.98	7.80	3.22	4.84	6.91	2.48
12	9.60	9.14	17.16	16.89	4.66	3.66	12.99	7.74	3.36	4.23	4.59	2.72
13	11.11	9.47	17.02	16.93	4.46	3.16	12.99	7.70	3.51	3.87	3.35	2.81
14	11.92	11.84	16.80	16.96	4.37	---	12.84	7.57	3.43	3.73	3.00	2.59
15	13.32	13.10	16.53	16.97	4.50	2.94	12.23	7.43	3.25	3.64	3.06	2.50
16	14.06	11.91	16.23	16.95	5.53	3.18	12.17	7.38	3.22	3.70	3.12	2.44
17	14.06	13.06	15.44	16.92	7.13	6.08	12.93	7.47	3.42	3.80	3.43	2.25
18	13.43	14.66	14.78	16.96	10.72	13.52	14.95	7.52	3.58	3.82	3.77	2.03
19	12.81	15.32	14.23	16.98	11.37	15.20	15.61	7.35	4.80	3.56	3.19	1.75
20	12.69	15.51	13.08	17.05	11.95	15.55	16.02	7.15	7.30	3.23	2.79	1.87
21	11.93	15.63	13.21	17.07	10.95	15.52	16.33	7.02	7.63	3.01	2.80	2.10
22	10.50	15.92	13.58	17.14	10.41	15.42	16.59	6.94	6.06	2.71	2.78	2.12
23	8.87	16.15	11.97	17.17	9.43	15.20	16.78	6.81	4.52	2.47	2.59	2.18
24	10.36	16.32	9.42	17.20	9.50	13.92	16.90	6.73	3.89	2.56	3.15	2.06
25	11.21	16.36	7.70	17.19	10.03	12.49	16.87	6.64	3.74	2.69	6.04	2.05
26	10.75	16.36	7.82	17.19	10.56	11.41	16.73	6.60	3.69	3.17	5.96	2.05
27	10.07	16.29	9.23	17.20	11.10	10.68	16.55	6.56	3.62	4.11	4.22	2.47
28	10.25	16.16	11.45	17.14	10.98	10.29	16.21	6.52	3.60	4.20	3.76	2.98
29	---	16.13	10.96	16.89	---	9.92	15.64	6.48	3.68	3.81	3.70	2.45
30	5.76	16.11	9.16	16.57	---	8.37	14.57	6.47	3.71	3.16	3.51	1.99
31	5.15	---	7.41	15.90	---	7.06	---	6.44	---	3.34	3.86	---
Mean	---	12.57	14.11	15.82	9.11	---	14.23	7.99	4.24	3.57	3.96	2.62
Max	---	16.36	17.17	17.20	14.97	---	16.90	13.45	7.63	4.84	7.50	3.71
Min	---	4.59	7.41	7.20	4.37	---	9.47	6.44	3.22	2.47	2.59	1.75

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