

Water-Data Report 2008

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, 13.65 ft, April 22; minimum elevation, 1.55 ft, November 16.

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ELEVATION, 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	1.92	3.67	2.32	3.41	3.33	3.22	3.56	10.73	9.28	3.72	5.56	2.93
2	2.10	3.60	2.28	2.93	3.78	3.21	4.66	10.50	8.64	3.27	6.27	2.68
3	2.46	2.62	2.17	2.52	3.79	3.14	4.92	10.25	8.25	2.87	5.00	2.60
4	2.56	2.06	1.85	---	3.52	3.19	4.88	10.02	8.07	3.93	3.77	3.71
5	2.77	2.34	1.96	---	3.34	3.47	5.07	9.91	7.99	4.65	3.28	5.72
6	2.82	2.62	2.18	5.58	3.28	3.80	5.85	10.33	7.93	4.85	3.38	6.25
7	2.29	2.45	2.18	4.94	3.24	3.84	6.32	10.98	7.88	6.57	4.13	5.38
8	2.08	2.20	2.53	3.61	3.21	4.32	6.36	11.30	7.61	4.94	4.75	4.03
9	2.07	2.51	2.59	3.12	3.17	5.13	6.27	11.46	7.21	4.87	4.68	3.26
10	2.32	2.58	2.41	2.71	3.12	5.45	6.51	11.53	6.60	5.36	3.90	2.98
11	2.50	2.09	2.35	2.45	3.02	5.10	9.89	11.53	5.89	5.48	3.32	2.91
12	2.10	1.87	2.19	2.57	3.27	4.55	12.16	11.61	5.25	6.28	2.94	2.89
13	2.09	2.01	2.34	2.44	3.58	4.13	12.77	11.39	4.81	5.36	2.87	2.77
14	2.23	2.11	2.87	2.23	3.79	3.82	12.94	11.19	4.68	3.94	2.97	2.70
15	2.32	2.07	3.28	2.15	3.71	3.64	13.03	11.24	4.62	3.45	4.23	2.81
16	2.22	1.73	2.92	2.23	3.77	3.74	13.10	11.35	4.58	3.37	5.19	5.47
17	2.11	1.96	2.34	3.07	3.62	3.47	13.18	12.03	4.68	3.35	4.20	6.29
18	2.08	2.50	3.10	3.46	3.70	3.30	13.23	12.58	4.49	4.13	3.34	3.99
19	2.22	2.45	5.34	3.70	3.86	---	13.22	12.78	3.80	5.72	3.14	2.89
20	2.33	2.34	4.54	3.39	3.78	---	12.90	12.90	3.64	5.13	4.11	2.27
21	2.15	2.53	3.29	3.05	3.88	3.45	13.28	13.01	3.57	3.79	5.03	2.00
22	2.23	2.68	2.69	3.55	3.86	3.28	13.59	13.07	3.54	4.64	4.32	2.17
23	2.28	2.85	2.51	4.46	3.96	3.42	13.15	13.12	3.46	8.31	3.30	3.96
24	2.79	2.56	2.62	3.82	4.00	3.20	12.47	13.14	3.45	10.10	2.76	4.99
25	3.60	2.44	2.70	3.27	3.85	2.85	11.87	12.90	3.39	9.22	2.59	3.46
26	4.11	2.55	2.90	---	3.86	2.69	11.33	12.63	3.34	6.56	2.61	2.60
27	3.52	3.16	3.00	---	3.78	3.44	10.90	12.12	3.36	4.47	2.76	2.83
28	3.02	3.22	3.51	---	3.39	3.74	10.70	11.74	3.46	3.55	2.98	3.05
29	2.64	2.67	3.55	3.02	3.28	3.52	10.76	11.07	3.57	3.13	3.08	3.01
30	2.61	2.47	3.60	3.24	---	3.16	10.90	10.47	3.70	3.19	3.10	4.41
31	3.55	---	3.36	3.44	---	2.96	---	10.06	---	3.68	3.32	---
Mean	2.52	2.50	2.82	---	3.58	---	9.99	11.58	5.36	4.90	3.77	3.57
Max	4.11	3.67	5.34	---	4.00	---	13.59	13.14	9.28	10.10	6.27	6.29
Min	1.92	1.73	1.85	---	3.02	---	3.56	9.91	3.34	2.87	2.59	2.00

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