

Water-Data Report 2008

02081000 ROANOKE RIVER NEAR SCOTLAND NECK, NC

Roanoke Basin
Lower Roanoke Subbasin

LOCATION.--Lat 36°12'33", long 77°23'02" referenced to North American Datum of 1983, Halifax County, NC, Hydrologic Unit 03010107, right upstream side of bridge on U.S. Highway 258, 3 mi downstream from Bridgers Creek, and 5.8 mi north of Scotland Neck.

DRAINAGE AREA.--8,671 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--March 1974 to current year. Daily discharges, October 1940 to September 1956.

GAGE.--Water-stage recorder. Datum of gage is 5.77 ft above NGVD of 1929. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 41.98 ft, August 19, 1940; minimum gage height not determined

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.32 ft, April 21; minimum gage height, 3.74 ft, October 8.

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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	4.28	6.50	5.69	6.55	7.21	6.60	8.36	14.13	12.18	6.80	11.25	5.20
2	4.87	5.94	5.67	6.29	7.68	6.59	8.49	13.94	11.95	6.06	9.06	5.12
3	4.77	4.91	5.63	6.18	7.14	6.58	8.49	13.74	11.89	6.07	6.58	5.35
4	5.08	4.65	5.60	8.60	6.99	6.59	8.63	13.59	11.87	9.67	5.78	9.35
5	5.74	4.87	5.64	8.76	6.92	6.88	9.05	13.87	11.83	6.95	5.67	10.14
6	4.40	5.17	5.69	10.14	6.81	7.04	9.86	14.86	11.82	11.19	7.42	9.44
7	3.85	4.88	6.22	7.21	6.70	7.07	10.05	15.55	11.82	8.79	8.35	6.80
8	3.76	5.66	6.12	6.97	6.64	8.47	10.03	15.71	11.29	7.10	8.72	5.73
9	4.20	6.01	5.81	6.18	6.78	8.85	9.91	15.80	10.79	9.80	7.28	5.46
10	4.57	5.29	5.64	5.89	6.77	8.44	11.99	15.75	9.88	8.42	6.02	5.37
11	4.74	4.75	5.58	5.79	6.79	7.87	16.47	15.74	9.09	10.09	5.70	5.31
12	4.17	4.67	5.57	5.78	6.91	7.31	17.50	15.65	8.54	10.17	5.58	5.27
13	4.07	4.68	5.93	5.77	7.04	6.93	17.84	15.25	8.45	7.24	5.54	5.24
14	4.33	4.71	7.21	5.77	7.24	6.72	17.92	15.17	8.39	6.18	6.58	5.22
15	4.28	4.65	6.27	5.78	7.22	6.53	17.93	15.38	8.42	6.06	9.73	6.09
16	3.95	4.82	5.97	6.97	7.06	6.53	17.99	15.77	8.23	7.00	8.02	12.61
17	3.87	5.84	6.15	7.22	6.96	6.54	17.99	17.19	8.63	6.31	6.18	7.52
18	3.87	5.70	9.27	7.49	7.02	6.49	17.98	17.52	7.32	9.98	5.67	5.42
19	4.38	5.58	9.44	7.20	7.17	6.61	17.47	17.64	6.91	9.59	6.53	4.93
20	4.38	5.68	6.80	6.86	7.06	6.78	16.80	17.73	6.86	6.79	9.02	4.75
21	4.49	5.98	6.01	6.84	7.10	6.41	18.15	17.81	6.79	6.24	8.12	4.69
22	4.38	5.85	5.86	8.80	7.25	6.26	17.66	17.82	6.64	11.94	6.05	5.16
23	5.46	5.76	5.79	7.78	7.32	6.21	16.17	17.83	6.57	13.96	5.36	10.51
24	5.48	5.73	5.83	6.96	7.22	6.18	15.19	17.53	6.60	14.82	5.24	6.79
25	7.69	5.75	5.80	6.79	7.06	6.20	14.56	16.90	6.61	11.08	5.21	5.15
26	6.34	6.19	6.07	6.79	6.93	6.50	14.11	16.27	6.62	7.48	5.20	4.91
27	5.24	6.89	6.90	6.77	6.82	7.74	13.92	15.51	6.70	6.17	5.19	5.05
28	5.21	6.05	6.81	6.73	6.69	6.66	13.88	14.96	6.92	5.88	5.31	4.87
29	5.22	5.75	6.54	6.77	6.66	6.18	14.25	13.99	6.85	5.78	5.29	5.06
30	6.35	5.71	6.38	6.78	---	6.10	14.32	13.64	7.00	6.53	6.19	10.69
31	7.12	---	6.67	6.74	---	6.53	---	13.10	---	8.11	5.50	---
Mean	4.86	5.49	6.28	6.94	7.01	6.85	14.10	15.66	8.78	8.33	6.69	6.44
Max	7.69	6.89	9.44	10.14	7.68	8.85	18.15	17.83	12.18	14.82	11.25	12.61
Min	3.76	4.65	5.57	5.77	6.64	6.10	8.36	13.10	6.57	5.78	5.19	4.69

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