



Water-Data Report 2010

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 National Geodetic Vertical Datum 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, 26.20 ft, February 7; minimum gage height, 4.53 ft, October 13.

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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	7.93	5.28	23.88	24.86	25.02	24.71	23.05	13.80	11.37	6.89	6.10	7.67
2	7.90	5.14	24.00	24.83	24.96	24.72	23.38	13.20	11.98	6.20	5.88	7.53
3	7.16	5.89	24.25	24.80	24.99	24.81	23.91	13.06	13.20	5.98	5.83	7.93
4	5.83	5.65	24.44	24.76	25.09	24.87	24.15	12.98	13.51	5.97	6.98	7.39
5	5.55	6.55	24.63	24.71	25.18	24.88	24.30	12.86	13.56	5.98	7.61	6.00
6	5.84	7.87	24.73	24.68	25.91	24.86	24.37	12.76	13.50	6.43	8.38	5.61
7	5.83	6.84	24.69	24.66	26.17	24.83	24.41	12.75	13.49	8.29	7.63	5.60
8	5.15	5.36	24.61	24.64	25.98	24.79	24.49	12.51	13.50	9.83	6.23	7.58
9	5.48	5.01	24.91	24.63	25.72	24.75	24.65	11.85	13.55	8.22	5.87	8.15
10	6.03	5.86	25.20	24.61	25.53	24.75	24.03	11.62	13.56	6.82	7.05	7.43
11	5.16	6.48	25.20	24.59	25.37	24.77	22.66	11.52	13.64	6.47	7.70	7.65
12	4.62	9.92	25.12	24.58	25.22	24.86	21.85	11.49	13.16	6.14	7.51	6.13
13	4.57	17.41	25.04	24.58	25.12	23.17	21.32	11.62	12.22	6.28	7.81	5.60
14	4.56	20.87	24.97	24.57	25.02	20.02	20.94	11.63	11.94	6.30	7.47	7.15
15	4.61	22.91	24.88	24.56	24.94	19.10	20.68	11.23	11.88	7.39	6.15	9.37
16	4.61	23.45	24.78	23.31	24.88	18.60	20.54	10.52	11.45	8.40	5.82	8.31
17	4.77	23.64	24.54	22.51	24.83	18.45	19.77	10.35	13.62	7.88	7.03	8.02
18	5.19	23.84	24.32	22.28	24.78	18.00	18.48	11.18	14.38	6.58	7.31	7.87
19	5.46	23.92	24.65	22.29	24.75	16.66	17.27	11.43	12.69	6.12	7.38	6.13
20	6.04	23.89	24.84	22.21	24.72	17.08	15.59	11.19	9.11	7.26	7.35	5.63
21	5.96	23.93	24.89	23.37	24.70	18.39	14.98	10.90	7.91	6.21	7.77	7.12
22	6.06	24.03	24.88	24.18	24.68	18.68	14.79	10.93	7.75	5.86	6.22	7.31
23	6.27	23.96	24.84	24.63	24.71	18.96	14.64	11.53	7.41	7.26	5.78	7.47
24	6.19	24.06	24.78	24.78	24.74	19.68	14.45	11.96	7.17	9.35	7.12	9.64
25	5.63	24.23	24.78	25.20	24.75	19.38	14.29	11.97	7.13	6.69	7.32	10.38
26	5.59	24.15	24.98	25.73	24.76	18.56	14.16	11.70	7.24	5.93	7.34	7.03
27	6.42	23.99	25.01	25.72	24.76	18.65	14.14	11.55	7.35	6.99	8.12	6.09
28	5.32	23.77	24.99	25.52	24.73	18.67	14.10	11.65	7.23	7.35	7.54	11.05
29	4.87	23.51	24.94	25.33	---	19.99	14.08	11.59	7.39	9.02	6.11	9.37
30	4.98	23.68	24.88	25.24	---	21.52	14.10	11.49	7.22	10.91	5.76	11.92
31	5.13	---	24.86	25.14	---	22.28	---	11.42	---	7.24	7.29	---
Mean	5.64	16.50	24.76	24.44	25.07	21.40	19.45	11.81	10.97	7.17	6.95	7.67
Max	7.93	24.23	25.20	25.73	26.17	24.88	24.65	13.80	14.38	10.91	8.38	11.92
Min	4.56	5.01	23.88	22.21	24.68	16.66	14.08	10.35	7.13	5.86	5.76	5.60

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