

ROANOKE RIVER BASIN

0208114150 ROANOKE RIVER AT NC 45 NR WESTOVER, NC

LOCATION.--Lat 35°54'54", long 76°43'22", North American Datum of 1983, Bertie County, Hydrologic Unit 03010107, near center of river on south bridge fender of shipping channel, 10 ft upstream from State Highway 45 bridge, approximately 1.6 mi upstream from mouth, and 2.7 mi northwest of Westover.

DRAINAGE AREA.--9,660 mi².

ELEVATION RECORDS

PERIOD OF RECORD.--October 1990 to September 1993. August 1996 to current year. Records from August 1996 to September 1997 are unpublished and available in the USGS District Office, Raleigh, NC.

GAGE.--Water-stage recorder. Datum of gage is sea level. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded elevation, 4.68 ft, Sept. 16, 1999; minimum recorded elevation, -1.20 ft, Sept. 1, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum recorded elevation, 2.19 ft, June 14, 15; minimum recorded elevation, -0.73 ft, Mar. 6.

ELEVATION, IN FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.48	1.03	.66	.09	.75	.54	1.19	.65	1.28	.98	1.13	1.06
2	1.11	1.08	.86	-.02	.55	.74	.85	.65	1.39	1.21	1.26	1.08
3	1.43	1.21	.46	-.07	.45	.72	1.17	.60	1.31	.86	1.13	.96
4	1.58	1.41	-.13	.04	.58	.79	1.25	.60	1.34	.87	1.20	1.02
5	1.46	1.33	.24	.23	.38	.69	1.02	.65	1.35	.92	1.13	1.15
6	1.39	1.21	.62	.26	.48	-.29	1.08	1.43	1.23	1.06	1.06	1.01
7	1.34	1.45	.61	.41	.69	.01	1.48	.51	1.14	.82	1.05	1.16
8	1.00	1.46	.83	.50	.61	.76	1.36	.42	1.20	.78	1.12	1.31
9	.35	1.55	.85	.19	.54	1.12	1.33	.67	1.13	1.00	1.13	1.41
10	.28	1.49	.52	.08	.73	.97	1.58	.68	1.15	.97	1.17	1.24
11	.89	1.03	.70	.54	.68	1.13	1.35	.90	1.23	1.08	1.19	1.05
12	.98	1.08	.84	.66	.32	1.28	1.33	1.04	1.24	1.18	1.18	.97
13	.78	1.45	.80	.40	.30	1.25	1.45	1.07	1.39	.91	1.05	1.14
14	.88	1.55	.75	.44	.25	1.13	1.29	.80	1.98	.79	1.10	1.32
15	.92	1.21	.86	.73	.45	1.08	1.15	.86	2.04	.94	.78	1.14
16	.90	1.38	.66	.74	.49	1.02	1.15	1.03	1.63	1.04	.81	.78
17	.98	1.20	.46	.59	.78	.85	1.15	.94	1.40	.92	1.08	.66
18	.91	1.02	.85	.63	.29	.58	.32	1.18	1.36	.94	1.19	1.27
19	.86	.99	.66	.62	.36	.52	.86	1.38	1.20	1.07	1.25	1.60
20	1.18	.63	.26	.96	.48	.90	1.02	1.30	1.25	.79	1.40	1.66
21	1.20	.43	.41	.25	.56	1.00	.93	1.36	1.21	.82	1.36	1.70
22	1.25	.16	.07	.73	.54	.90	.89	1.52	1.22	1.08	1.07	1.53
23	.93	.58	-.01	.32	.09	.85	.78	1.65	1.51	1.44	1.04	1.50
24	.72	.61	.02	.00	.73	1.11	.70	1.30	1.62	1.49	1.14	1.61
25	.98	.84	-.05	.33	.60	1.45	1.16	1.48	1.29	1.43	.96	1.57
26	1.01	.98	-.25	.02	.85	.99	.50	1.58	1.26	1.09	.65	1.02
27	.75	1.04	-.09	.29	.53	.79	-.06	1.37	1.14	1.49	.93	1.17
28	.70	1.08	.08	.47	.67	.88	.71	1.40	1.03	1.10	1.14	1.20
29	.70	1.04	-.14	.68	---	1.25	.58	1.23	1.01	1.23	1.03	.70
30	.85	.72	-.22	.65	---	1.22	.57	1.18	.96	1.34	1.07	.26
31	1.06	---	-.27	.83	---	1.35	---	1.10	---	1.04	1.07	---
TOTAL	30.85	32.24	11.91	12.59	14.73	27.58	30.14	32.53	39.49	32.68	33.87	35.25
MEAN	1.00	1.07	.38	.41	.53	.89	1.00	1.05	1.32	1.05	1.09	1.17
MAX	1.58	1.55	.86	.96	.85	1.45	1.58	1.65	2.04	1.49	1.40	1.70
MIN	.28	.16	-.27	-.07	.09	-.29	-.06	.42	.96	.78	.65	.26

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