

## ROANOKE RIVER BASIN

02070500 MAYO RIVER NEAR PRICE, NC

LOCATION.--Lat 36°32'05", long 79°59'30", Rockingham County, Hydrologic Unit 03010103, on right bank 350 ft downstream from Anglins Bridge on Secondary Road 1358, 0.5 mi downstream from confluence of North and South Mayo Rivers, 0.8 mi downstream from Virginia-North Carolina state line, and 4.0 mi west of Price.

DRAINAGE AREA.--242 mi<sup>2</sup>.

PERIOD OF RECORD.--July 1929 to September 1971, October 1993 to current year.

REVISED RECORDS.--WSP 2104: Drainage area. WRIR 96-4154: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 689.95 ft above sea level. Prior to Oct. 29, 1929, nonrecording gage at same site and datum. Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Minimum discharge for current water year also occurred July 25, Sept. 16, 17, 18, 19, 20.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	132	118	135	e134	170	195	512	163	208	147	180	122
2	126	119	134	e134	159	184	551	162	211	151	158	171
3	122	120	133	e133	153	179	389	164	184	137	139	128
4	114	123	e132	e133	149	202	348	158	167	152	125	122
5	109	122	e131	e132	149	224	312	150	162	220	118	121
6	105	120	e133	e131	147	200	294	155	168	155	110	109
7	101	120	134	e130	144	180	281	154	270	128	102	102
8	97	126	131	e129	142	173	271	142	191	135	95	97
9	95	146	130	e129	141	171	259	144	168	179	90	94
10	95	256	132	e128	143	164	251	141	151	166	85	94
11	100	191	137	e127	140	160	246	135	146	132	132	97
12	101	148	135	e127	138	160	241	129	145	116	254	89
13	102	139	128	e126	148	200	243	124	134	107	183	82
14	102	141	138	125	153	205	243	117	130	105	603	79
15	103	137	149	126	153	201	225	119	132	98	207	77
16	103	131	154	125	156	272	221	270	215	92	152	77
17	103	133	290	121	256	240	210	314	139	88	129	73
18	104	131	265	142	242	215	205	247	118	87	120	73
19	102	129	203	281	199	198	199	199	108	94	184	72
20	104	133	e190	663	184	196	197	322	106	91	395	81
21	105	130	e180	412	175	874	196	475	109	83	235	115
22	111	124	e170	278	171	777	195	1180	175	79	163	89
23	108	126	e160	233	172	413	191	661	456	75	136	80
24	111	127	e150	215	180	322	192	366	244	73	146	100
25	114	143	e140	194	195	283	207	353	213	91	128	309
26	117	218	e138	173	271	259	184	431	201	136	115	139
27	117	192	e137	173	230	241	178	320	252	264	111	107
28	118	160	e137	161	210	228	173	263	192	216	159	94
29	116	146	e136	159	---	354	168	238	165	285	128	86
30	117	141	e135	173	---	1660	162	212	150	374	113	82
31	117	---	e135	200	---	564	---	191	---	243	105	---
TOTAL	3371	4290	4732	5647	4870	9894	7544	8199	5410	4499	5100	3161
MEAN	109	143	153	182	174	319	251	264	180	145	165	105
MAX	132	256	290	663	271	1660	551	1180	456	374	603	309
MIN	95	118	128	121	138	160	162	117	106	73	85	72
CFSM	.45	.59	.63	.75	.72	1.32	1.04	1.09	.75	.60	.68	.44
IN.	.52	.66	.73	.87	.75	1.52	1.16	1.26	.83	.69	.78	.49

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2001,<sup>®</sup> BY WATER YEAR (WY)

	271	243	289	358	392	425	394	325	286	251	253	243
MEAN	271	243	289	358	392	425	394	325	286	251	253	243
MAX	1250	578	661	1022	900	982	694	659	654	609	943	1002
(WY)	1938	1958	1997	1936	1960	1994	1958	1949	1943	1949	1940	1945
MIN	84.5	95.9	118	112	139	221	175	157	123	103	89.9	62.0
(WY)	1932	1932	1956	1956	1931	1940	1967	1956	1999	1966	1930	1954

SUMMARY STATISTICS FOR 2000 CALENDAR YEAR FOR 2001 WATER YEAR WATER YEARS 1929 - 2001<sup>®</sup>

ANNUAL TOTAL	69205	66717	
ANNUAL MEAN	189	183	310
HIGHEST ANNUAL MEAN			479
LOWEST ANNUAL MEAN			170
HIGHEST DAILY MEAN	1600	Mar 21	1660
LOWEST DAILY MEAN	53	Aug 24	72
ANNUAL SEVEN-DAY MINIMUM	58	Aug 18	76
MAXIMUM PEAK FLOW			2950
MAXIMUM PEAK STAGE			4.88
INSTANTANEOUS LOW FLOW			72*
ANNUAL RUNOFF (CFSM)	.78	.76	1.28
ANNUAL RUNOFF (INCHES)	10.64	10.26	17.42
10 PERCENT EXCEEDS	296	271	495
50 PERCENT EXCEEDS	160	146	232
90 PERCENT EXCEEDS	96	100	125

e Estimated.

<sup>®</sup> See PERIOD OF RECORD.

\* See REMARKS.

02070500 MAYO RIVER NEAR PRICE, NC--Continued

