

## 02070500 MAYO RIVER NEAR PRICE, NC

LOCATION.--Lat 36°32'02", long 79°59'29", 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 NGVD of 1929. Prior to Oct. 29, 1929, nonrecording gage at same site and datum. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records good.

DISCHARGE, CUBIC FEET PER SECOND  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	341	297	372	381	330	298	320	306	242	630	280	209
2	335	295	358	381	329	300	284	379	210	384	638	203
3	326	294	351	382	627	302	274	340	200	364	1,260	201
4	327	292	364	381	602	297	270	305	352	342	464	198
5	326	294	549	393	461	295	264	292	542	326	352	194
6	320	695	565	424	807	315	261	284	295	299	327	191
7	315	809	488	375	1,390	315	261	275	260	283	298	222
8	313	481	442	367	638	294	261	267	268	280	283	2,870
9	328	410	415	373	504	286	261	269	451	266	274	1,310
10	360	384	638	370	450	285	257	276	282	268	267	575
11	332	370	1,590	357	412	283	256	258	317	426	271	400
12	325	367	697	362	385	283	439	252	252	312	417	341
13	315	363	561	362	375	277	1,420	250	242	380	565	309
14	314	339	585	355	359	272	1,710	243	246	296	351	292
15	390	345	603	353	349	275	934	240	278	265	325	280
16	323	369	626	343	360	361	567	236	4,300	250	302	270
17	313	357	770	342	342	411	470	257	628	243	331	600
18	312	348	706	364	334	323	416	276	663	285	1,640	709
19	307	519	583	359	346	307	387	258	435	262	432	387
20	302	662	525	339	346	293	366	284	404	261	363	313
21	301	477	485	333	339	294	351	299	333	245	362	287
22	300	426	469	338	326	284	336	246	326	232	393	272
23	292	399	455	334	318	277	327	274	349	269	279	261
24	290	386	451	331	317	275	335	324	797	244	256	250
25	288	407	433	336	314	275	315	244	491	226	241	244
26	293	374	415	357	304	275	329	231	1,920	223	230	237
27	366	365	406	355	301	274	402	258	629	824	223	237
28	366	375	400	361	299	275	318	238	470	556	219	7,860
29	326	450	398	331	298	270	300	230	404	399	252	1,790
30	306	386	405	344	---	271	295	220	443	389	235	794
31	298	---	390	348	---	316	---	233	---	312	223	---
TOTAL	9,950	12,335	16,495	11,131	12,562	9,158	12,986	8,344	17,029	10,341	12,353	22,306
MEAN	321	411	532	359	433	295	433	269	568	334	398	744
MAX	390	809	1,590	424	1,390	411	1,710	379	4,300	824	1,640	7,860
MIN	288	292	351	331	298	270	256	220	200	223	219	191
CFSM	1.33	1.70	2.20	1.48	1.79	1.22	1.79	1.11	2.35	1.38	1.65	3.07
IN.	1.53	1.90	2.54	1.71	1.93	1.41	2.00	1.28	2.62	1.59	1.90	3.43

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2004, @ BY WATER YEAR (WY)

MEAN	266	245	292	353	391	426	397	323	302	259	261	255
MAX	1,250	578	661	1,022	900	982	764	659	1,018	799	943	1,002
(WY)	(1938)	(1958)	(1997)	(1936)	(1960)	(1994)	(2003)	(1949)	(2003)	(2003)	(1940)	(1945)
MIN	84.5	95.9	118	112	139	221	164	157	78.6	77.3	47.5	62.0
(WY)	(1932)	(1932)	(1956)	(1956)	(1931)	(1940)	(2002)	(1956)	(2002)	(2002)	(2002)	(1954)

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1929 - 2004 <sup>@</sup>	
ANNUAL TOTAL	213,815		154,990		314	
ANNUAL MEAN	586		423		136	
HIGHEST ANNUAL MEAN					547	2003
LOWEST ANNUAL MEAN					136	2002
HIGHEST DAILY MEAN	8,250	Mar 20	7,860	Sep 28	11,400	Sep 18, 1945
LOWEST DAILY MEAN	150	Jan 29	191	Sep 6	33	Aug 11, 2002
ANNUAL SEVEN-DAY MINIMUM	155	Jan 23	203	Sep 1	33	Aug 10, 2002
MAXIMUM PEAK FLOW			15,300	Sep 28	30,000	Oct 19, 1937
MAXIMUM PEAK STAGE			10.61	Sep 28	14.00	Oct 19, 1937
INSTANTANEOUS LOW FLOW			187	Sep 6	32	Oct 8, 1954
ANNUAL RUNOFF (CFSM)	2.42		1.75		1.30	
ANNUAL RUNOFF (INCHES)	32.87		23.82		17.61	
10 PERCENT EXCEEDS	952		590		500	
50 PERCENT EXCEEDS	415		329		234	
90 PERCENT EXCEEDS	245		246		124	

<sup>@</sup> See PERIOD OF RECORD.

