

Water-Data Report 2012

02081942 TAR RIVER AT NORTH CAROLINA HIGHWAY 581 NEAR SPRING HOPE, NC

Pamlico Basin
Upper Tar Subbasin

LOCATION.--Lat 35°52'55.51", long 78°05'22.34" referenced to North American Datum of 1983, Nash County, NC, Hydrologic Unit 03020101, at bridge on North Carolina Highway 581, 3.9 mi south of intersection of North Carolina Highway 581 and United States Highway 64 near Spring Hope, NC.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April to September 2012.

GAGE.--Water-stage recorder. Datum of gage is 128.62 ft above North American Vertical Datum of 1988 by differential GPS. Satellite telemetry at station.

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

02081942 TAR RIVER AT NORTH CAROLINA HIGHWAY 581 NEAR SPRING HOPE, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	251	155	20	61	173
2	---	---	---	---	---	---	---	209	219	20	62	107
3	---	---	---	---	---	---	---	181	364	19	54	99
4	---	---	---	---	---	---	---	159	261	18	44	143
5	---	---	---	---	---	---	---	180	169	13	35	141
6	---	---	---	---	---	---	---	678	122	12	29	160
7	---	---	---	---	---	---	---	1,420	104	16	30	231
8	---	---	---	---	---	---	---	662	101	17	40	251
9	---	---	---	---	---	---	---	424	98	16	81	823
10	---	---	---	---	---	---	181	640	93	30	176	566
11	---	---	---	---	---	---	162	470	87	77	105	247
12	---	---	---	---	---	---	150	344	80	88	86	151
13	---	---	---	---	---	---	142	278	73	107	121	109
14	---	---	---	---	---	---	135	224	70	110	140	97
15	---	---	---	---	---	---	131	239	72	90	89	89
16	---	---	---	---	---	---	130	274	80	81	79	86
17	---	---	---	---	---	---	128	287	83	79	74	80
18	---	---	---	---	---	---	128	280	82	71	66	81
19	---	---	---	---	---	---	128	232	76	60	59	241
20	---	---	---	---	---	---	126	185	71	48	61	1,730
21	---	---	---	---	---	---	125	151	57	34	201	990
22	---	---	---	---	---	---	213	133	48	31	287	405
23	---	---	---	---	---	---	632	126	59	36	170	242
24	---	---	---	---	---	---	750	114	49	53	110	166
25	---	---	---	---	---	---	427	529	44	54	400	120
26	---	---	---	---	---	---	348	333	43	48	497	93
27	---	---	---	---	---	---	905	183	40	41	295	81
28	---	---	---	---	---	---	907	146	34	36	193	77
29	---	---	---	---	---	---	505	125	28	47	136	75
30	---	---	---	---	---	---	329	119	24	49	101	77
31	---	---	---	---	---	---	---	159	---	58	235	---
Mean	---	---	---	---	---	---	318	314	96.2	47.7	133	264
Max	---	---	---	---	---	---	907	1,420	364	110	497	1,730
Min	---	---	---	---	---	---	125	114	24	12	29	75

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2012 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	---	---	---	---	---	---	318	314	96.2	47.7	133	264
Max	---	---	---	---	---	---	318	314	96.2	47.7	133	264
(WY)	(---)	(---)	(---)	(---)	(---)	(---)	(2012)	(2012)	(2012)	(2012)	(2012)	(2012)
Min	---	---	---	---	---	---	318	314	96.2	47.7	133	264
(WY)	(---)	(---)	(---)	(---)	(---)	(---)	(2012)	(2012)	(2012)	(2012)	(2012)	(2012)

02081942 TAR RIVER AT NORTH CAROLINA HIGHWAY 581 NEAR SPRING HOPE, NC—Continued

SUMMARY STATISTICS

Water Year 2012^a		
Highest daily mean	1,730	Sep 20
Lowest daily mean	12	Jul 6
Annual seven-day minimum	16	Jul 3
Maximum peak flow	2,060	Sep 20
Maximum peak stage	8.24	Sep 20
Instantaneous low flow	9.9	Jul 5

^a See Period of Record.

