



Water-Data Report 2007

0208113450 HIGHLAND PRONG NEAR MOUTH NEAR PLYMOUTH, NC

Roanoke Basin
Lower Roanoke Subbasin

LOCATION.--Lat 35°52'04", long 76°47'30" referenced to North American Datum of 1983, Martin County, NC, Hydrologic Unit 03010107, 500 ft upstream of mouth, 6 mi west of Plymouth.

DRAINAGE AREA.--Indeterminate.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Water years 2006, 2007, discharge measurements only.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Discharge, in ft³/s
Oct 18, 2006	68.2
Nov 6, 2006	-10.6
Apr 4, 2007	-46.3
Apr 24, 2007	-73.4
May 1, 2007	-28.9
May 15, 2007	-104
May 30, 2007	-40.2
Jun 12, 2007	-65.6
Jun 27, 2007	-5.86
Jul 17, 2007	10.6
Jul 31, 2007	-18.2
Aug 14, 2007	-32.5
Sep 5, 2007	47.5
Sep 18, 2007	44.1

0208113450 HIGHLAND PRONG NEAR MOUTH NEAR PLYMOUTH, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2006 to 2008.

REMARKS.--Station operated in cooperation with the U.S. Army Corps of Engineers.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

[Remark codes: <, less than.]

Date	Time	Sample type	Instantaneous discharge, cfs (00061)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf 25 degC μ S/cm (00095)	Temperature, water, deg C (00010)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)
Oct								
18...	1345	Environmental	68	7.8	7.1	115	19.6	<2.0
Nov								
06...	1615	Environmental	-11	6.4	6.7	118	13.1	.7
Apr								
04...	1130	Environmental	-46	8.2	6.5	100	15.6	1.1
24...	1415	Environmental	-73	12.2	7.1	96	18.8	1.3
May								
01...	1700	Environmental	-29	5.5	6.2	101	19.5	<1.0
01...	1700	Blank	-29	5.5	6.2	101	19.5	<1.0
15...	1315	Environmental	-104	8.8	7.0	104	21.9	1.3
30...	1245	Environmental	-40	8.3	6.9	108	24.1	3.0
Jun								
12...	1200	Environmental	-66	8.4	7.2	112	26.6	1.8
27...	1100	Environmental	-5.9	--	7.0	111	27.4	1.8
Jul								
17...	1430	Environmental	11	7.8	7.3	118	29.8	1.5
31...	1415	Environmental	-18	5.5	6.8	121	28.0	2.2
Aug								
14...	1215	Environmental	-32	7.1	7.1	120	29.3	1.1
Sep								
05...	1115	Environmental	48	6.5	7.0	125	27.0	<2.0
18...	1515	Environmental	44	3.8	7.1	130	24.7	<1.0

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

[Remark codes: <, less than.]

Date	Time	Sample type	Instantaneous discharge, cfs (00061)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf 25 degC (00095)	Temperature, deg C (00010)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)
Oct								
02...	1600	Environmental	52	4.6	6.9	145	23.7	1.1
02...	1605	Blank	52	4.6	6.9	145	23.7	1.2
Nov								
06...	1415	Environmental	36	7.6	7.2	136	16.4	<1.0