

**0208101221 CYPRESS SWAMP AT MOUTH NEAR PALMYRA, NC**

Roanoke Basin  
Lower Roanoke Subbasin

LOCATION.--Lat 36°05'28", long 77°17'42" referenced to North American Datum of 1983, Halifax County, NC, Hydrologic Unit 03010107, on left bank of Roanoke River at mouth of Cypress Swamp, approximately 3 mi northeast of Palmyra.

DRAINAGE AREA.--16.8 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

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

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

<b>Date</b>	<b>Discharge, in ft<sup>3</sup>/s</b>
Oct 18, 2006	178
Nov 7, 2006	74.8
Apr 4, 2007	-30.7
Apr 24, 2007	282
May 2, 2007	0.345
May 15, 2007	4.04
May 30, 2007	-0.120
Jun 12, 2007	0.890
Jun 27, 2007	0.040
Jul 17, 2007	-0.470
Aug 1, 2007	-0.020
Sep 5, 2007	0
Sep 18, 2007	0

## 0208101221 CYPRESS SWAMP AT MOUTH NEAR PALMYRA, NC—Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2006-07.

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: &lt;, 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 $\mu$ S/cm (00095)	Temperature, water, deg C (00010)	BOD, water, unfltrd 5 day, 20 degC mg/L (00310)
<b>Oct</b>								
18...	1200	Environmental	178	3.0	6.1	107	16.8	4.1
<b>Nov</b>								
07...	0930	Environmental	75	--	6.0	106	9.6	7.8
07...	0931	Replicate	75	--	6.0	106	9.6	8.7
<b>Apr</b>								
04...	0945	Environmental	-31	10.0	6.5	99	14.9	<1.0
24...	1015	Environmental	282	8.3	6.8	104	15.3	<1.0
<b>May</b>								
02...	1015	Environmental	.34	8.6	7.4	104	19.0	<2.0
15...	1130	Environmental	4.0	4.8	6.5	121	16.2	<1.0
30...	1000	Environmental	-12	6.3	6.9	113	22.8	3.4
<b>Jun</b>								
12...	1145	Environmental	.89	7.3	7.3	129	24.5	<1.0
27...	0900	Environmental	.04	6.1	7.2	123	26.1	<1.0
<b>Jul</b>								
17...	1130	Environmental	-47	7.7	6.7	129	28.2	<1.0
17...	1135	Replicate	-47	7.7	6.7	129	28.2	<1.0
<b>Aug</b>								
01...	0845	Environmental	-.02	6.2	7.1	125	26.4	<1.0