

Water-Data Report 2009

01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA

Lower Chesapeake Basin
Pamunkey Subbasin

LOCATION.--Lat 37°37'36", long 76°57'46" referenced to North American Datum of 1927, King William County, VA, Hydrologic Unit 02080106, on right bank at downstream side of culvert on State Highway 626, 3.2 mi northeast of Lester Manor and 4.7 mi above mouth.

DRAINAGE AREA.--8.81 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1998 to October 2009 (discontinued).

REVISED RECORDS.--OFR 2006-1308: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 40 ft NGVD of 1929, from topographic map.

REMARKS.--Records fair except those for estimated daily discharges, which are poor.

01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.9	2.3	3.7	6.4	6.1	5.7	5.5	4.8	2.7	0.49	2.3	0.15
2	1.9	2.3	3.4	6.5	6.0	7.0	5.4	5.0	2.5	0.62	1.9	0.13
3	1.7	2.4	3.4	6.7	6.0	6.2	6.3	5.9	3.0	0.60	1.7	0.10
4	1.8	2.7	3.4	6.6	5.9	5.7	5.7	7.3	7.3	0.40	1.3	0.08
5	1.7	3.0	3.4	6.3	5.8	5.8	5.2	9.7	8.3	0.48	1.1	0.05
6	1.6	3.1	3.4	6.7	5.6	6.0	6.2	8.6	9.3	1.00	1.5	0.04
7	1.5	3.1	3.4	7.3	5.7	6.0	6.6	9.2	6.7	0.76	1.5	0.03
8	e1.4	3.1	3.3	7.0	5.7	5.8	5.8	8.0	4.8	0.54	0.94	1.0
9	e1.2	3.0	3.3	6.5	5.0	5.6	5.2	6.8	3.9	0.41	0.75	1.5
10	1.2	2.8	3.3	6.6	5.4	5.3	5.0	6.1	3.7	0.32	0.55	1.2
11	1.1	2.7	9.9	6.7	5.8	5.3	5.0	5.9	3.2	0.27	0.39	1.1
12	0.94	2.6	30	6.4	5.6	4.7	4.6	6.2	3.5	0.26	0.28	0.94
13	0.96	2.9	14	6.3	5.2	5.0	4.5	5.8	3.0	0.35	0.24	0.80
14	0.90	3.0	8.8	6.3	5.2	5.7	5.6	5.1	2.7	2.3	0.18	0.67
15	0.87	3.8	6.9	6.0	5.4	6.9	6.2	4.5	2.5	1.3	0.12	0.56
16	0.87	2.8	7.6	5.6	5.2	6.9	6.2	4.4	2.4	0.91	0.10	0.50
17	1.2	2.0	7.1	5.1	5.2	8.5	5.2	5.6	2.2	0.82	0.08	0.52
18	1.4	2.6	6.8	5.2	5.5	7.1	4.7	5.8	2.6	1.2	0.06	0.47
19	1.3	2.8	6.9	5.8	5.8	6.4	4.1	4.6	2.5	0.82	0.04	0.47
20	1.2	2.9	6.8	6.0	5.3	6.0	6.0	3.8	2.3	0.56	0.03	0.44
21	1.3	2.9	7.6	5.8	5.1	5.4	7.4	3.4	2.0	0.65	0.02	0.36
22	1.3	2.9	7.3	5.7	4.8	5.3	5.8	2.9	1.6	0.66	0.03	0.36
23	1.3	2.9	7.0	5.7	4.5	5.0	4.7	2.9	1.9	0.41	0.19	0.33
24	1.3	2.9	7.2	6.0	4.1	4.8	4.3	2.6	1.7	0.24	0.19	0.31
25	1.7	3.4	7.2	5.9	4.3	4.8	4.3	2.7	1.4	0.16	0.20	0.37
26	2.1	3.2	6.7	5.9	4.1	5.1	4.0	2.7	1.2	0.11	0.18	0.40
27	2.1	3.1	6.8	6.2	4.4	5.9	3.9	2.6	1.1	2.0	0.15	1.2
28	2.2	3.1	6.9	7.0	4.4	12	3.4	2.8	0.94	2.4	0.13	1.2
29	2.2	3.0	6.6	7.1	---	8.3	3.5	3.2	0.94	4.5	0.25	1.1
30	2.2	3.6	6.5	6.6	---	6.6	4.0	3.1	0.74	3.8	0.23	0.94
31	2.2	---	6.5	6.2	---	5.8	---	3.0	---	2.8	0.19	---
Total	46.54	86.9	215.1	194.1	147.1	190.6	154.3	155.0	92.62	32.14	16.82	17.32
Mean	1.50	2.90	6.94	6.26	5.25	6.15	5.14	5.00	3.09	1.04	0.54	0.58
Max	2.2	3.8	30	7.3	6.1	12	7.4	9.7	9.3	4.5	2.3	1.5
Min	0.87	2.0	3.3	5.1	4.1	4.7	3.4	2.6	0.74	0.11	0.02	0.03
Cfsm	0.17	0.33	0.79	0.71	0.60	0.70	0.58	0.57	0.35	0.12	0.06	0.07
In.	0.20	0.37	0.91	0.82	0.62	0.80	0.65	0.65	0.39	0.14	0.07	0.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2009, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	4.97	7.16	7.80	7.85	7.51	8.40	9.75	7.76	4.83	4.42	6.84	9.06
Max	14.0	18.1	16.9	12.9	13.5	16.9	23.4	22.0	17.4	14.2	32.3	34.6
(WY)	(2005)	(2007)	(2004)	(2004)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)	(2003)
Min	0.33	1.35	2.78	2.82	2.54	2.72	4.51	3.46	0.02	0.00	0.00	0.00
(WY)	(2003)	(2008)	(2008)	(2008)	(2008)	(2008)	(2002)	(1999)	(2002)	(2002)	(2002)	(2002)

01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued

SUMMARY STATISTICS

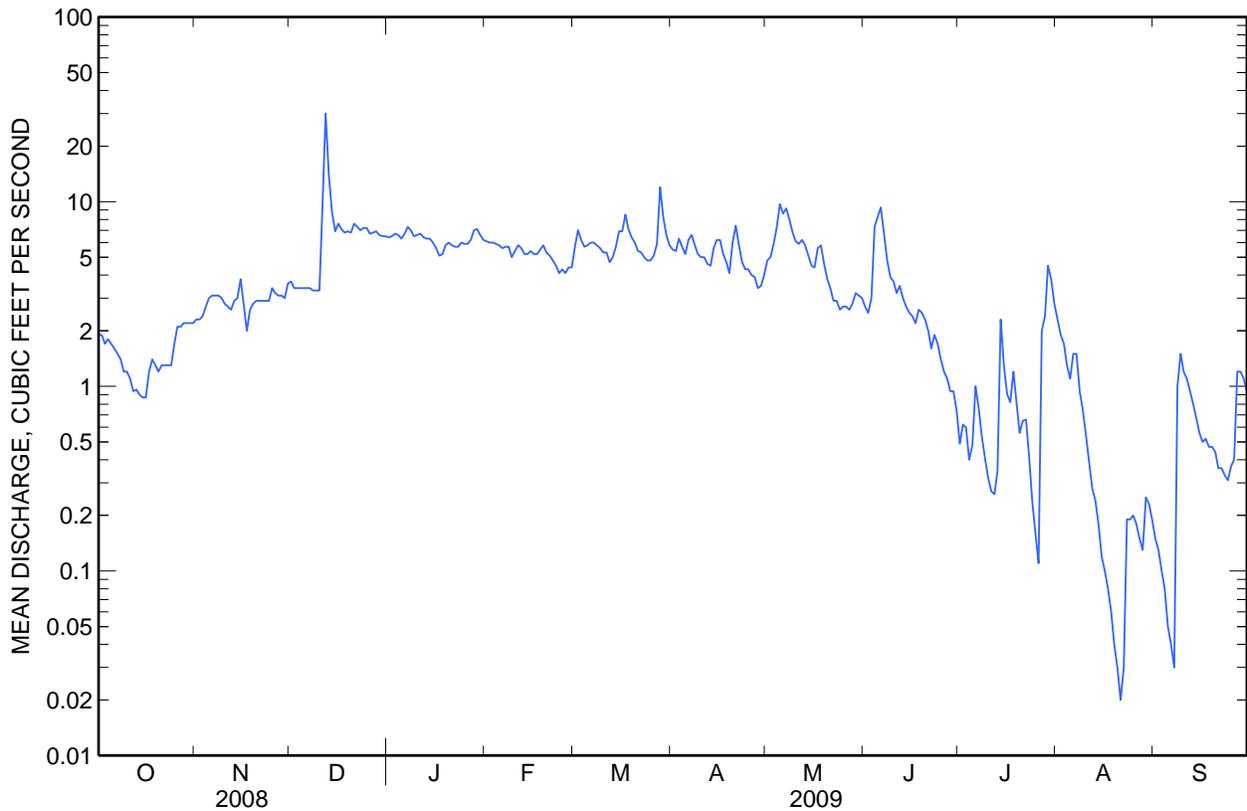
	Calendar Year 2008		Water Year 2009		Water Years 1999 - 2009	
Annual total	1,151.75		1,348.54			
Annual mean	3.15		3.69		7.19	
Highest annual mean					15.6	2004
Lowest annual mean					2.57	2008
Highest daily mean	54	May 12	30	Dec 12	415	Sep 16, 1999
Lowest daily mean	0.02	Aug 27	0.02	Aug 21	0.00	Many days ^a
Annual seven-day minimum	0.03	Aug 21	0.05	Aug 16	0.00	Many days ^a
Maximum peak flow			38	Dec 12	1,430	Sep 16, 1999
Maximum peak stage			5.44	Dec 12	^b 10.30	Sep 16, 1999
Instantaneous low flow			0.02	Aug 21 ^c	0.00	Many days ^d
Annual runoff (cfsm)	0.357		0.419		0.816	
Annual runoff (inches)	4.86		5.69		11.08	
10 percent exceeds	6.5		6.8		14	
50 percent exceeds	2.2		3.3		5.2	
90 percent exceeds	0.65		0.36		0.42	

^a In June to October 2002.

^b From floodmarks.

^c Also Aug. 22 and Sept. 7, 2009.

^d In May to October 2002.



01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--February 2007 to September 2009.

PERIOD OF DAILY RECORD.--

DISSOLVED OXYGEN: February to September 2009 (discontinued).

pH: February to September 2009 (discontinued).

SPECIFIC CONDUCTANCE: February to September 2009 (discontinued).

TURBIDITY: February to September 2009 (discontinued).

WATER TEMPERATURE: March 2007 to October 2008, February to September 2009 (discontinued).

INSTRUMENTATION.--Water-quality monitor February to September 2009. Electronic data logger with 15-minute recording interval. Water-temperature monitor March 2007 to October 2008.

REMARKS.--

DISSOLVED OXYGEN: Records excellent: Feb. 12 to Mar. 9 and May 4 to June 1; Good: Mar. 9 to May 4 and June 1 to Sept. 30.

pH: Records excellent: Feb. 12 to July 2 and Aug. 19 to Sept. 30; Good: July 2 to Aug. 19.

SPECIFIC CONDUCTANCE: Records excellent: Feb. 23 to June 1 and Aug. 19 to Sept. 30; Good: Feb. 12-23 and June 1 to Aug. 19.

TURBIDITY: Records excellent: May 4 to June 1; Good: Feb. 12 to May 4; Fair: June 1 to Aug. 19.

WATER TEMPERATURE: Records excellent.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 34.0°C, July 20, 2008; minimum 0.1°C, Mar. 3, 2009.

EXTREMES FOR CURRENT YEAR.--

DISSOLVED OXYGEN: Maximum, 12.5 mg/L, Mar. 2; minimum, 0.8 mg/L, July 1.

pH: Maximum, 7.3 standard units, Mar. 1, 2, 3, 4; minimum, 6.4 standard units, on several days.

SPECIFIC CONDUCTANCE: Maximum, 168 microsiemens/cm, June 29, July 2; minimum, 86 microsiemens/cm, Mar. 17, 18, 28.

TURBIDITY: Maximum, 130 FNU, Aug. 12; minimum, 0.9 FNU, Apr. 1.

WATER TEMPERATURE: Maximum, 30.4°C, June 12; minimum, 0.1°C, Mar. 3.

01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

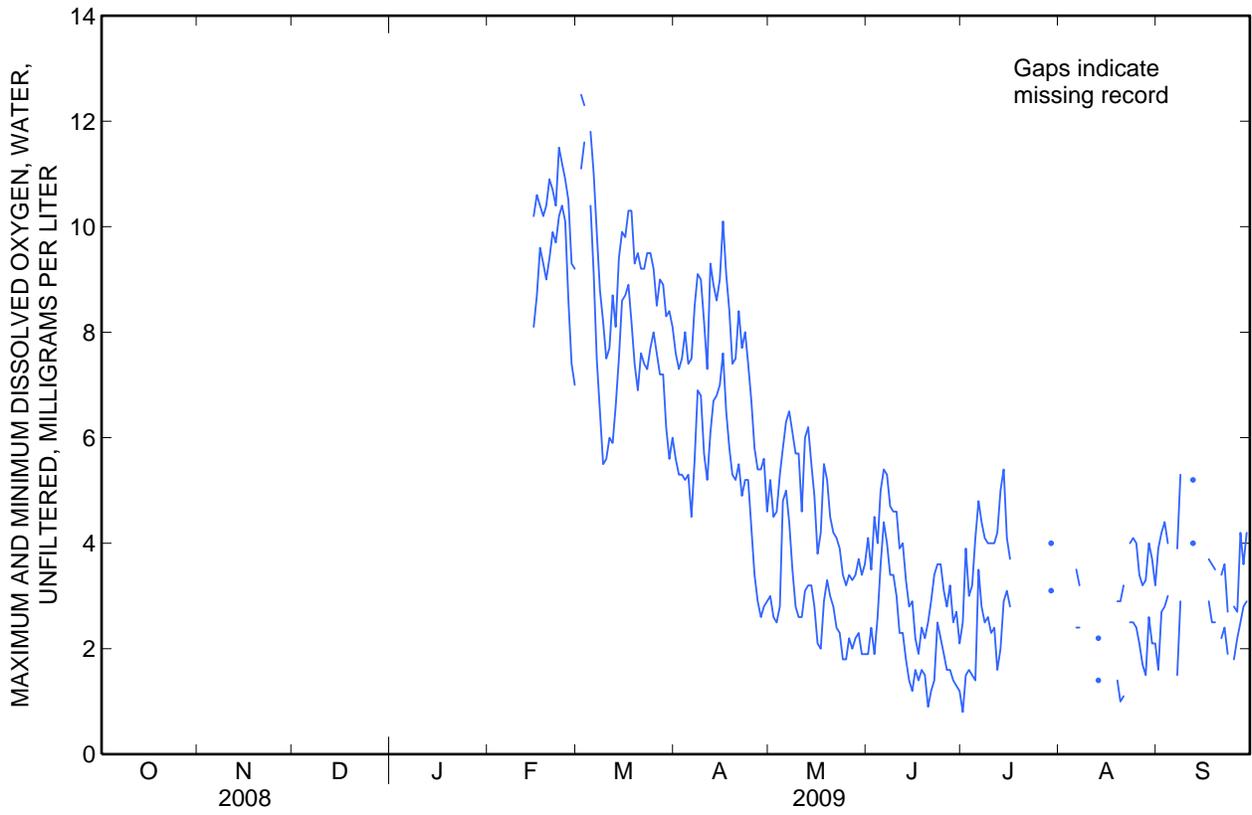
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	12.5	11.1
3	---	---	---	---	---	---	---	---	---	---	12.3	11.6
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	11.8	10.4
6	---	---	---	---	---	---	---	---	---	---	11.0	9.1
7	---	---	---	---	---	---	---	---	---	---	9.9	7.5
8	---	---	---	---	---	---	---	---	---	---	8.8	6.5
9	---	---	---	---	---	---	---	---	---	---	8.2	5.5
10	---	---	---	---	---	---	---	---	---	---	7.5	5.6
11	---	---	---	---	---	---	---	---	---	---	7.7	6.0
12	---	---	---	---	---	---	---	---	---	---	8.7	5.9
13	---	---	---	---	---	---	---	---	---	---	8.1	6.6
14	---	---	---	---	---	---	---	---	---	---	9.4	7.5
15	---	---	---	---	---	---	---	---	10.2	8.1	9.9	8.6
16	---	---	---	---	---	---	---	---	10.6	8.7	9.8	8.7
17	---	---	---	---	---	---	---	---	10.4	9.6	10.3	8.9
18	---	---	---	---	---	---	---	---	10.2	9.3	10.3	8.2
19	---	---	---	---	---	---	---	---	10.4	9.0	9.3	7.4
20	---	---	---	---	---	---	---	---	10.9	9.4	9.5	6.9
21	---	---	---	---	---	---	---	---	10.7	9.9	9.2	7.6
22	---	---	---	---	---	---	---	---	10.4	9.7	9.2	7.4
23	---	---	---	---	---	---	---	---	11.5	10.2	9.5	7.3
24	---	---	---	---	---	---	---	---	11.2	10.4	9.5	7.7
25	---	---	---	---	---	---	---	---	10.9	10.1	9.2	8.0
26	---	---	---	---	---	---	---	---	10.5	8.6	8.5	7.6
27	---	---	---	---	---	---	---	---	9.3	7.4	9.0	7.2
28	---	---	---	---	---	---	---	---	9.2	7.0	8.9	7.2
29	---	---	---	---	---	---	---	---	---	---	8.3	6.2
30	---	---	---	---	---	---	---	---	---	---	8.4	5.6
31	---	---	---	---	---	---	---	---	---	---	8.1	6.0
Month	---	---	---	---	---	---	---	---	---	---	---	---

01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	7.6	5.6	5.2	3.0	4.1	1.9	2.5	0.8	---	---	3.9	1.6
2	7.3	5.3	4.5	2.6	3.5	2.4	3.9	1.5	---	---	4.2	2.7
3	7.5	5.3	4.6	2.5	4.5	1.9	3.0	1.6	---	---	4.4	2.8
4	8.0	5.2	5.3	2.8	4.0	2.6	3.2	1.5	---	---	4.0	3.0
5	7.4	5.3	5.8	4.8	5.0	3.6	4.1	1.4	---	---	---	---
6	7.5	4.5	6.3	5.0	5.4	4.4	4.8	3.5	3.5	2.4	---	---
7	8.5	5.6	6.5	4.4	5.3	4.0	4.4	2.8	3.2	2.4	3.9	1.5
8	9.1	6.9	6.1	3.5	4.7	3.4	4.1	2.5	---	---	5.3	2.9
9	9.0	6.8	5.7	2.8	4.6	3.4	4.0	2.6	---	---	---	---
10	8.2	5.7	5.7	2.6	4.6	3.0	4.0	2.3	---	---	---	---
11	7.3	5.2	4.6	2.6	3.9	2.3	4.0	2.4	---	---	---	---
12	9.3	6.1	6.0	3.1	4.0	2.3	4.2	1.6	---	---	5.2	4.0
13	8.9	6.7	6.2	3.2	3.3	1.8	5.0	2.0	2.2	1.4	---	---
14	8.6	6.8	5.5	3.2	2.8	1.4	5.4	2.9	---	---	---	---
15	9.0	7.0	4.9	2.8	2.9	1.2	4.1	3.1	---	---	---	---
16	10.1	7.6	3.8	2.1	2.2	1.6	3.7	2.8	---	---	---	---
17	9.1	6.5	4.2	2.0	1.9	1.4	---	---	---	---	3.7	2.9
18	8.4	5.8	5.5	2.9	2.4	1.6	---	---	---	---	3.6	2.5
19	7.4	5.3	5.2	3.3	2.2	1.5	---	---	2.9	1.4	3.5	2.5
20	7.5	5.2	4.5	3.0	2.5	0.9	---	---	2.9	1.0	---	---
21	8.4	5.5	4.2	2.8	2.9	1.2	---	---	3.2	1.1	3.4	2.2
22	7.7	4.9	4.1	2.4	3.4	1.4	---	---	---	---	3.6	2.4
23	8.0	5.2	3.9	2.3	3.6	2.5	---	---	4.0	2.5	2.7	1.9
24	7.4	5.2	3.4	1.8	3.6	2.2	---	---	4.1	2.5	---	---
25	6.7	4.3	3.2	1.8	3.1	1.9	---	---	4.0	2.4	2.8	1.8
26	5.8	3.4	3.4	2.2	2.8	1.6	---	---	3.4	2.1	2.7	2.2
27	5.4	2.9	3.3	2.0	3.2	1.6	---	---	3.2	1.7	4.2	2.5
28	5.4	2.6	3.4	2.2	2.5	1.4	---	---	3.3	1.5	3.6	2.8
29	5.6	2.8	3.7	2.3	2.7	1.3	4.0	3.1	4.0	2.6	4.2	2.9
30	4.6	2.9	3.4	1.9	2.1	1.2	---	---	3.7	2.1	---	---
31	---	---	3.6	1.9	---	---	---	---	3.2	2.1	---	---
Month	10.1	2.6	6.5	1.8	5.4	0.9	---	---	---	---	---	---

01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued



01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	---	---	---	---	---	---	7.0	6.9	6.9	7.0	6.9	6.9
2	---	---	---	7.3	7.1	7.2	7.0	6.8	6.9	7.0	6.9	6.9
3	---	---	---	7.3	7.0	7.1	7.1	6.9	7.0	7.0	6.9	6.9
4	---	---	---	---	---	---	7.1	6.9	6.9	6.9	6.8	6.9
5	---	---	---	7.2	7.1	7.1	7.0	6.9	6.9	6.9	6.9	6.9
6	---	---	---	7.2	7.0	7.1	7.0	6.8	6.9	7.0	6.9	6.9
7	---	---	---	7.2	7.0	7.0	7.1	6.9	7.0	7.0	6.9	6.9
8	---	---	---	7.1	6.9	7.0	7.1	6.9	7.0	7.0	6.8	6.8
9	---	---	---	7.1	6.9	6.9	7.1	6.9	7.0	6.9	6.8	6.8
10	---	---	---	7.0	6.9	6.9	7.1	6.9	7.0	6.9	6.8	6.8
11	---	---	---	7.0	6.9	6.9	7.0	6.9	6.9	6.9	6.8	6.8
12	---	---	---	7.1	6.9	7.0	7.2	6.9	7.0	6.9	6.8	6.8
13	7.1	7.0	7.0	7.0	6.9	7.0	7.1	7.0	7.0	6.9	6.8	6.8
14	7.1	7.0	7.0	7.1	7.0	7.0	7.1	7.0	7.0	6.9	6.8	6.8
15	7.2	7.0	7.1	7.1	7.0	7.1	7.1	7.0	7.0	6.9	6.8	6.8
16	7.2	7.0	7.1	7.1	7.0	7.0	7.2	7.0	7.1	6.9	6.8	6.8
17	7.2	7.1	7.1	7.1	7.0	7.0	7.1	7.0	7.0	6.9	6.8	6.8
18	7.1	7.0	7.1	7.2	7.0	7.0	7.1	6.9	7.0	6.9	6.8	6.8
19	7.2	7.0	7.1	7.1	6.9	7.0	7.0	6.9	6.9	6.9	6.8	6.8
20	7.2	7.1	7.1	7.1	6.9	7.0	7.0	6.9	6.9	6.9	6.8	6.8
21	7.2	7.1	7.1	7.0	7.0	7.0	7.1	6.9	7.0	6.8	6.8	6.8
22	7.2	7.0	7.1	7.0	7.0	7.0	7.1	6.9	7.0	6.8	6.8	6.8
23	7.2	7.0	7.2	7.1	6.9	7.0	7.1	6.9	7.0	6.8	6.8	6.8
24	7.2	7.1	7.2	7.1	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.8
25	7.2	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.9	6.8	6.8	6.8
26	7.1	7.0	7.1	7.0	7.0	7.0	7.0	6.8	6.9	6.8	6.8	6.8
27	7.1	7.0	7.0	7.1	6.9	7.0	7.0	6.8	6.9	6.8	6.8	6.8
28	7.1	6.9	7.0	7.1	6.9	7.0	7.0	6.9	6.9	6.9	6.8	6.8
29	---	---	---	7.1	6.9	7.0	7.0	6.9	6.9	6.9	6.8	6.8
30	---	---	---	7.1	6.9	6.9	7.0	6.9	6.9	6.9	6.8	6.8
31	---	---	---	7.0	6.9	6.9	---	---	---	6.9	6.8	6.8
Max	---	---	---	---	---	---	7.2	7.0	7.1	7.0	6.9	6.9
Min	---	---	---	---	---	---	7.0	6.8	6.9	6.8	6.8	6.8

01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued

PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	6.9	6.8	6.8	6.9	6.8	6.8	---	---	---	6.9	6.7	6.8
2	6.8	6.8	6.8	6.9	6.7	6.8	---	---	---	6.9	6.8	6.8
3	6.9	6.6	6.8	6.9	6.8	6.8	---	---	---	6.8	6.8	6.8
4	6.7	6.6	6.7	6.9	6.8	6.8	6.6	6.4	6.5	6.8	6.8	6.8
5	6.8	6.7	6.7	6.8	6.8	6.8	---	---	---	---	---	---
6	6.8	6.7	6.7	6.9	6.7	6.8	6.6	6.5	6.5	---	---	---
7	6.7	6.7	6.7	6.9	6.8	6.8	6.6	6.5	6.5	6.8	6.6	6.8
8	6.8	6.7	6.7	6.9	6.8	6.8	---	---	---	6.9	6.6	6.7
9	6.8	6.7	6.8	6.9	6.8	6.8	---	---	---	---	---	---
10	6.8	6.7	6.8	6.9	6.8	6.8	---	---	---	---	---	---
11	6.8	6.7	6.7	6.9	6.8	6.8	---	---	---	---	---	---
12	6.8	6.7	6.7	7.0	6.8	6.8	---	---	---	6.8	6.7	6.8
13	6.8	6.7	6.7	6.9	6.7	6.8	6.6	6.5	6.6	---	---	---
14	6.7	6.7	6.7	6.8	6.5	6.6	---	---	---	---	---	---
15	6.7	6.7	6.7	6.8	6.6	6.7	---	---	---	---	---	---
16	6.7	6.7	6.7	6.8	6.7	6.7	---	---	---	---	---	---
17	6.7	6.7	6.7	---	---	---	---	---	---	6.7	6.7	6.7
18	6.7	6.7	6.7	---	---	---	---	---	---	6.8	6.6	6.7
19	6.7	6.7	6.7	---	---	---	6.8	6.6	6.7	6.8	6.6	6.7
20	6.7	6.7	6.7	---	---	---	6.8	6.6	6.7	---	---	---
21	6.8	6.7	6.7	---	---	---	6.8	6.7	6.7	6.7	6.6	6.7
22	6.9	6.7	6.8	---	---	---	---	---	---	6.7	6.6	6.7
23	6.8	6.7	6.8	6.7	6.6	6.6	6.7	6.6	6.7	6.7	6.6	6.6
24	6.9	6.7	6.8	6.7	6.6	6.6	6.8	6.6	6.7	---	---	---
25	6.8	6.7	6.8	6.7	6.6	6.6	6.8	6.7	6.7	6.6	6.6	6.6
26	6.8	6.7	6.8	6.7	6.6	6.6	6.8	6.7	6.8	6.6	6.6	6.6
27	6.9	6.8	6.8	---	---	---	6.8	6.6	6.7	6.6	6.5	6.6
28	6.8	6.7	6.8	---	---	---	6.8	6.6	6.8	6.7	6.6	6.6
29	6.8	6.7	6.8	6.6	6.5	6.5	6.9	6.8	6.8	6.7	6.6	6.7
30	6.8	6.8	6.8	6.6	6.4	6.5	6.8	6.7	6.8	---	---	---
31	---	---	---	---	---	---	6.8	6.7	6.8	---	---	---
Max	6.9	6.8	6.8	---	---	---	---	---	---	---	---	---
Min	6.7	6.6	6.7	---	---	---	---	---	---	---	---	---

01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

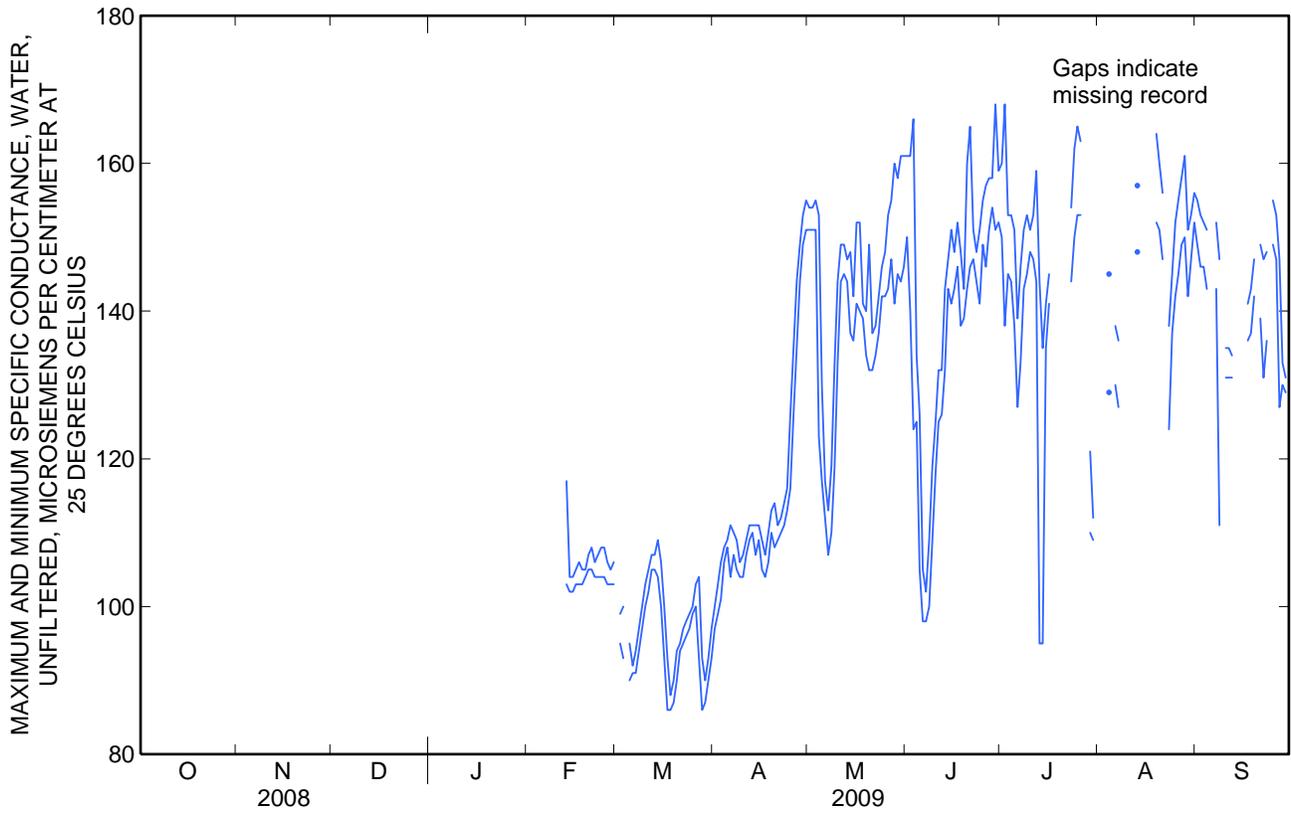
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	99	95
3	---	---	---	---	---	---	---	---	---	---	100	93
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	95	90
6	---	---	---	---	---	---	---	---	---	---	92	91
7	---	---	---	---	---	---	---	---	---	---	94	91
8	---	---	---	---	---	---	---	---	---	---	97	94
9	---	---	---	---	---	---	---	---	---	---	100	97
10	---	---	---	---	---	---	---	---	---	---	103	100
11	---	---	---	---	---	---	---	---	---	---	105	102
12	---	---	---	---	---	---	---	---	---	---	107	105
13	---	---	---	---	---	---	---	---	117	103	107	105
14	---	---	---	---	---	---	---	---	104	102	109	104
15	---	---	---	---	---	---	---	---	104	102	106	100
16	---	---	---	---	---	---	---	---	105	103	100	93
17	---	---	---	---	---	---	---	---	106	103	93	86
18	---	---	---	---	---	---	---	---	105	103	88	86
19	---	---	---	---	---	---	---	---	105	104	90	87
20	---	---	---	---	---	---	---	---	107	105	94	90
21	---	---	---	---	---	---	---	---	108	105	95	94
22	---	---	---	---	---	---	---	---	106	104	97	95
23	---	---	---	---	---	---	---	---	107	104	98	96
24	---	---	---	---	---	---	---	---	108	104	99	97
25	---	---	---	---	---	---	---	---	108	104	100	99
26	---	---	---	---	---	---	---	---	106	103	103	100
27	---	---	---	---	---	---	---	---	105	103	104	93
28	---	---	---	---	---	---	---	---	106	103	93	86
29	---	---	---	---	---	---	---	---	---	---	90	87
30	---	---	---	---	---	---	---	---	---	---	93	90
31	---	---	---	---	---	---	---	---	---	---	97	93
Month	---	---	---	---	---	---	---	---	---	---	---	---

01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	100	97	154	151	161	150	160	150	---	---	155	149
2	103	99	154	151	161	140	168	138	---	---	153	146
3	106	101	155	151	166	124	153	145	---	---	152	146
4	108	106	153	123	134	125	153	144	145	129	151	143
5	109	108	130	117	126	105	151	138	---	---	---	---
6	111	104	117	112	105	98	139	127	138	130	---	---
7	110	107	113	107	102	98	146	133	136	127	152	143
8	109	105	119	110	109	100	151	143	---	---	147	111
9	106	104	133	119	119	109	153	145	---	---	---	---
10	107	104	144	133	125	118	151	148	---	---	135	131
11	109	107	149	144	132	125	153	147	---	---	135	131
12	111	109	149	145	132	126	159	144	---	---	134	131
13	111	110	147	144	143	132	144	95	157	148	---	---
14	111	107	148	137	147	143	135	95	---	---	---	---
15	111	109	142	136	151	141	141	135	---	---	---	---
16	109	105	152	141	148	143	145	141	---	---	---	---
17	107	104	152	140	152	146	---	---	---	---	141	136
18	110	106	141	139	148	138	---	---	---	---	143	137
19	113	110	140	134	143	139	---	---	164	152	147	142
20	114	108	149	132	160	143	---	---	160	151	---	---
21	111	109	137	132	165	146	---	---	156	147	149	139
22	112	110	138	134	151	147	---	---	---	---	147	131
23	114	111	142	137	148	144	154	144	138	124	148	136
24	116	113	146	142	151	141	162	150	145	137	---	---
25	126	116	148	142	155	149	165	153	152	142	155	149
26	135	126	153	143	157	146	163	153	155	145	153	147
27	144	135	155	147	158	151	---	---	158	149	147	127
28	149	144	160	141	158	154	---	---	161	150	133	130
29	153	149	158	145	168	151	121	110	151	142	131	129
30	155	151	161	144	159	152	112	109	153	147	---	---
31	---	---	161	146	---	---	---	---	156	152	---	---
Month	155	97	161	107	168	98	---	---	---	---	---	---

01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued



01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	---	---	---	---	---	---	6.7	0.9	3.5	30	21	24
2	---	---	---	12	5.7	7.5	6.1	3.6	4.0	27	22	23
3	---	---	---	15	4.4	5.6	5.8	4.5	5.0	33	24	30
4	---	---	---	---	---	---	7.3	4.4	5.1	36	19	28
5	---	---	---	---	---	---	11	5.2	6.6	22	14	16
6	---	---	---	7.0	4.0	5.2	11	5.6	7.6	18	12	14
7	---	---	---	6.1	4.6	5.1	9.3	5.7	7.2	15	11	13
8	---	---	---	8.9	4.4	5.4	11	6.3	7.9	21	10	13
9	---	---	---	7.3	3.7	5.1	9.5	3.6	4.9	21	11	14
10	---	---	---	10	4.1	5.3	6.5	3.9	4.7	22	13	17
11	---	---	---	8.7	4.4	6.3	7.5	5.0	5.8	24	17	20
12	---	---	---	13	5.0	5.8	8.0	5.0	5.5	29	17	21
13	5.3	3.4	4.2	8.9	5.5	6.5	6.8	4.8	5.4	27	18	20
14	6.9	4.4	5.2	8.3	5.2	6.0	6.3	5.0	5.5	45	20	24
15	6.4	3.2	4.3	8.3	4.9	5.7	6.7	4.9	5.5	26	20	22
16	5.6	3.7	4.3	9.7	4.4	4.9	8.5	5.2	5.9	35	25	27
17	6.7	3.4	4.5	10	5.1	6.1	10	5.1	5.7	46	32	38
18	7.1	3.3	4.8	9.9	5.1	5.7	7.4	4.8	5.7	39	23	32
19	7.1	2.8	3.5	7.8	4.4	5.0	7.5	5.1	5.9	31	22	25
20	5.3	3.3	4.2	8.2	4.8	5.4	33	6.3	8.8	31	22	26
21	12	3.7	4.7	9.5	5.3	6.2	9.1	6.3	7.1	32	25	27
22	23	3.4	4.8	12	3.4	4.4	9.4	6.5	7.4	36	25	28
23	---	---	---	13	3.3	4.5	17	6.8	8.4	32	25	26
24	11	3.6	5.4	10	3.4	4.6	13	7.4	8.6	33	26	29
25	12	5.0	6.6	9.1	4.2	5.5	---	---	---	33	28	30
26	10	4.2	6.2	11	4.0	6.1	---	---	---	40	29	32
27	14	4.9	7.4	8.3	4.0	5.1	---	---	---	38	33	36
28	17	5.2	6.9	8.5	3.9	5.2	21	15	17	---	---	---
29	---	---	---	5.2	2.9	3.5	23	18	20	---	---	---
30	---	---	---	6.0	2.3	3.0	26	21	24	---	---	---
31	---	---	---	16	1.8	3.6	---	---	---	83	34	41
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	56	30	41	95	68	76	---	---	---	---	---	---
2	41	31	39	88	51	70	---	---	---	---	---	---
3	48	38	40	72	58	61	---	---	---	---	---	---
4	42	27	30	72	54	64	---	---	---	---	---	---
5	35	23	25	77	58	69	---	---	---	---	---	---
6	29	18	20	70	52	59	92	76	80	---	---	---
7	---	---	---	68	50	59	120	64	79	---	---	---
8	---	---	---	61	51	54	---	---	---	---	---	---
9	---	---	---	66	48	56	---	---	---	---	---	---
10	---	---	---	71	50	59	---	---	---	---	---	---
11	---	---	---	64	52	57	---	---	---	---	---	---
12	---	---	---	70	53	65	---	---	---	---	---	---
13	---	---	---	---	---	---	94	72	84	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	85	61	74	---	---	---
21	---	---	---	---	---	---	77	61	70	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	59	47	53	110	67	90	---	---	---	---	---	---
24	60	46	50	110	79	89	---	---	---	---	---	---
25	59	50	54	110	76	91	---	---	---	---	---	---
26	67	54	61	100	79	86	---	---	---	---	---	---
27	71	60	63	---	---	---	---	---	---	---	---	---
28	75	61	70	---	---	---	---	---	---	---	---	---
29	78	63	72	---	---	---	---	---	---	---	---	---
30	82	65	72	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---

01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

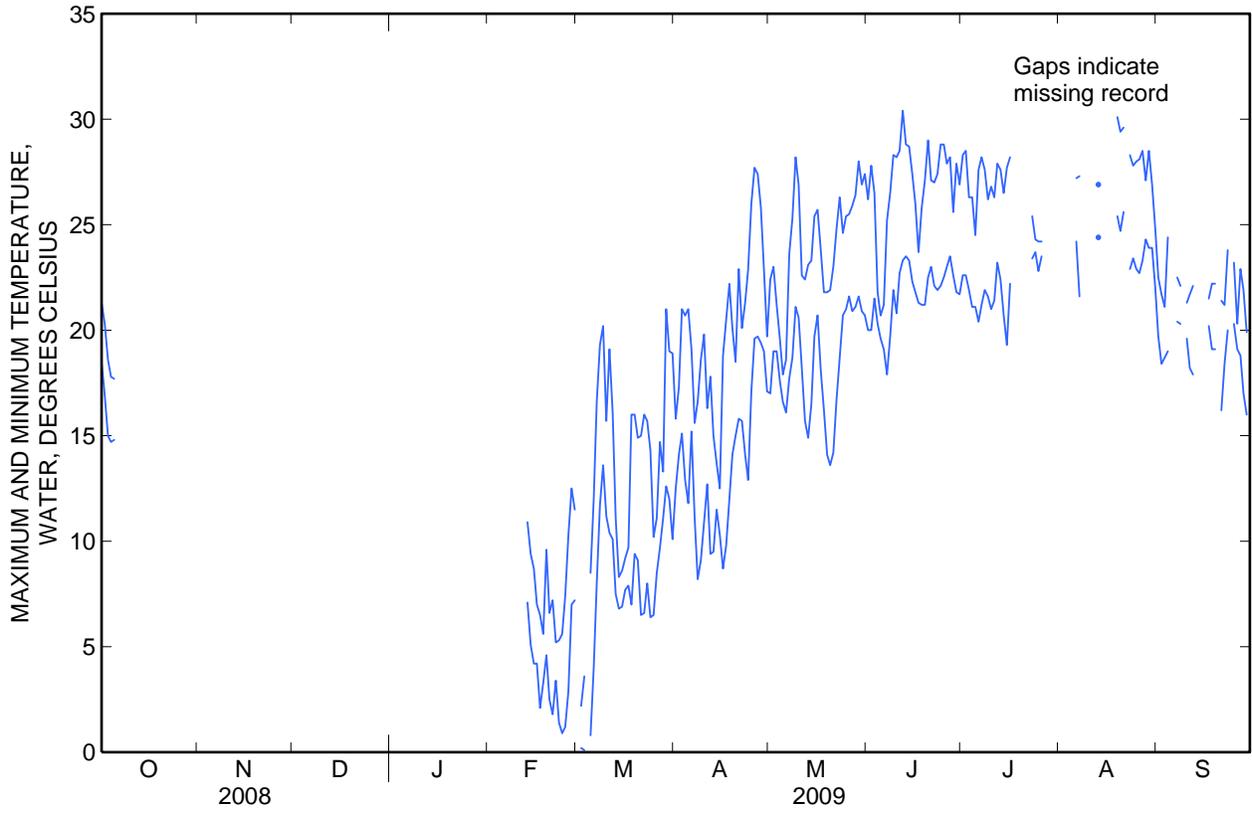
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	21.3	18.5	---	---	---	---	---	---	---	---	---	---
2	20.3	16.9	---	---	---	---	---	---	---	---	2.2	0.2
3	18.6	15.0	---	---	---	---	---	---	---	---	3.6	0.1
4	17.8	14.7	---	---	---	---	---	---	---	---	---	---
5	17.7	14.8	---	---	---	---	---	---	---	---	8.5	0.8
6	---	---	---	---	---	---	---	---	---	---	12.0	4.0
7	---	---	---	---	---	---	---	---	---	---	16.6	8.0
8	---	---	---	---	---	---	---	---	---	---	19.3	11.7
9	---	---	---	---	---	---	---	---	---	---	20.2	13.6
10	---	---	---	---	---	---	---	---	---	---	15.7	11.2
11	---	---	---	---	---	---	---	---	---	---	19.1	10.4
12	---	---	---	---	---	---	---	---	---	---	16.1	10.1
13	---	---	---	---	---	---	---	---	10.9	7.1	11.1	7.5
14	---	---	---	---	---	---	---	---	9.4	5.1	8.3	6.8
15	---	---	---	---	---	---	---	---	8.7	4.2	8.6	6.9
16	---	---	---	---	---	---	---	---	7.0	4.2	9.2	7.7
17	---	---	---	---	---	---	---	---	6.5	2.1	9.7	7.9
18	---	---	---	---	---	---	---	---	5.6	3.3	16.0	7.0
19	---	---	---	---	---	---	---	---	9.6	4.6	16.0	9.4
20	---	---	---	---	---	---	---	---	6.6	2.5	14.9	9.1
21	---	---	---	---	---	---	---	---	7.2	1.8	15.0	6.5
22	---	---	---	---	---	---	---	---	5.2	3.4	16.0	6.6
23	---	---	---	---	---	---	---	---	5.3	1.4	15.7	8.0
24	---	---	---	---	---	---	---	---	5.6	0.9	14.3	6.4
25	---	---	---	---	---	---	---	---	7.4	1.2	10.2	6.5
26	---	---	---	---	---	---	---	---	10.3	2.9	11.1	8.5
27	---	---	---	---	---	---	---	---	12.5	7.0	14.7	9.7
28	---	---	---	---	---	---	---	---	11.5	7.2	13.3	11.1
29	---	---	---	---	---	---	---	---	---	---	21.0	12.6
30	---	---	---	---	---	---	---	---	---	---	19.0	12.0
31	---	---	---	---	---	---	---	---	---	---	18.9	10.1
Month	---	---	---	---	---	---	---	---	---	---	---	---

01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	15.8	12.5	22.4	17.0	26.2	20.0	28.3	22.6	---	---	22.5	19.7
2	17.3	14.1	23.0	19.0	27.8	20.0	28.5	22.6	---	---	21.7	18.4
3	21.0	15.1	21.2	19.0	26.5	21.5	26.3	21.9	---	---	21.1	18.7
4	20.7	12.9	19.6	17.6	21.8	20.3	26.3	21.1	---	---	24.4	19.0
5	21.0	11.8	17.9	16.6	20.7	19.6	24.5	21.1	---	---	---	---
6	19.1	15.2	18.6	16.1	21.2	19.1	27.6	20.4	27.2	24.2	---	---
7	15.6	11.1	23.6	17.7	25.2	17.9	28.2	21.2	27.3	21.6	22.5	20.4
8	16.6	8.2	25.3	18.7	26.5	19.7	27.6	21.9	---	---	22.1	20.3
9	18.6	9.1	28.2	21.1	28.3	21.9	26.2	21.6	---	---	---	---
10	19.8	10.9	26.9	20.6	28.2	20.8	26.8	21.0	---	---	21.3	19.6
11	16.3	12.7	22.6	18.2	28.5	22.7	26.3	21.4	---	---	21.7	18.2
12	17.8	9.4	22.4	15.7	30.4	23.3	27.9	23.2	---	---	22.1	17.9
13	15.0	9.5	23.1	14.9	28.8	23.5	27.6	22.4	26.9	24.4	---	---
14	13.7	11.5	23.3	16.5	28.7	23.3	26.5	20.7	---	---	---	---
15	12.5	10.3	25.4	19.7	27.4	22.3	27.7	19.3	---	---	---	---
16	18.8	8.7	25.7	20.7	26.0	21.8	28.2	22.2	---	---	---	---
17	20.5	9.8	23.8	18.1	23.7	21.3	---	---	---	---	21.5	20.2
18	22.2	12.0	21.8	16.2	25.8	21.2	---	---	---	---	22.2	19.1
19	20.1	14.1	21.8	14.1	27.1	21.2	---	---	30.1	25.4	22.2	19.1
20	18.5	15.0	21.9	13.6	29.0	22.5	---	---	29.4	24.7	---	---
21	22.9	15.8	23.0	14.2	27.1	23.0	---	---	29.6	25.6	21.4	16.2
22	20.1	15.7	24.8	16.7	27.0	22.1	---	---	---	---	21.2	18.4
23	21.3	14.1	26.3	18.7	27.4	21.9	25.4	23.4	28.3	22.9	23.8	20.0
24	22.9	12.9	24.6	20.7	28.8	22.1	24.3	23.7	27.8	23.4	---	---
25	26.0	17.1	25.4	21.0	28.8	22.5	24.2	22.8	28.0	22.9	23.2	20.3
26	27.7	19.6	25.5	21.6	27.9	23.0	24.2	23.5	28.1	22.7	20.3	19.1
27	27.4	19.7	25.9	20.9	28.2	23.5	---	---	28.5	23.3	22.9	18.8
28	25.8	19.4	26.4	21.1	25.6	22.6	---	---	27.1	24.3	21.9	17.0
29	22.9	19.0	28.0	21.6	27.9	21.8	---	---	28.5	23.9	19.9	16.0
30	19.7	17.1	26.9	20.9	26.9	21.7	---	---	26.9	23.9	---	---
31	---	---	27.4	20.7	---	---	---	---	24.8	22.0	---	---
Month	27.7	8.2	28.2	13.6	30.4	17.9	---	---	---	---	---	---

01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued



01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 3

[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; n, below the LRL and above the LT-MDL.]

Date	Time	Medium name	Sample type	Baro- metric pres- sure, mm Hg (00025)	Temper- ature, air, deg C (00020)	Instan- taneous dis- charge, ft ³ /s (00061)	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)
Feb								
23...	0915	Surface water	Regular	770	4.0	4.9	10.3	6.5
Mar								
09...	0945	Surface water	Regular	763	19.0	6.0	5.5	6.5
Apr								
01...	0945	Surface water	Regular	764	18.0	5.6	6.3	6.6
May								
04...	0955	<i>QC sample - Artificial</i>	<i>Blank</i>	--	--	--	--	--
04...	1000	Surface water	Regular	759	19.5	6.1	3.1	6.7
Jun								
01...	0930	Surface water	Regular	765	27.0	2.8	2.7	6.7
Jul								
28...	0945	Surface water	Regular	760	28.5	2.1	4.0	6.5
Sep								
10...	1000	Surface water	Replicate	763	21.0	1.3	4.2	6.7
10...	1015	<i>QC sample - Surface water</i>	<i>Replicate</i>	--	--	--	--	--

01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 3

[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; n, below the LRL and above the LT-MDL.]

Date	Specific conductance, wat unf μ S/cm @ 25 degC (00095)	Temper- ature, deg C (00010)	Turbid- ity, IR LED light, det ang 90 deg, FNU (63680)	Gage height, feet (00065)	Alka- linity, wat flt inf tit field, mg/L as CaCO3 (39086)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus, water, fltrd, mg/L as P (00666)	Phos- phorus, water, unfltrd mg/L as P (00665)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)	Total nitro- gen, wat unf by anal ysis, mg/L (62855)
Feb 23...	108	1.5	4.1	4.66	37	E.014n	E.010n	<.002	.008	.009	.036c	.19	.22
Mar 09...	99	13.7	2.9	4.76	34	<.020	<.016	<.002	E.004n	E.005n	.035	.20	.24
Apr 01...	104	12.8	4.1	4.70	33	<.020	<.016	<.002	E.007n	.009	.040	.25	.27
May 04...	--	--	--	--	--	<.020	<.016	<.002	<.008	<.006	<.008	<.10	<.10
04...	157	17.8	29	4.68	62	E.015n	<.016	<.002	.025	.030	.145	.36	.50
Jun 01...	161	20.1	40	4.28	71	.057	<.016	<.002	.029	.031	.170	.40	.53
Jul 28...	130	23.2	47	4.28	58	E.018n	<.016	<.002	.011	.013	.184	.36	.52
Sep 10...	139	19.9	42	4.09	50	.021	<.016	<.002	.010	.011	.161	.40	.51
10...	--	--	--	--	--	E.019n	<.016	<.002	.010	.012	.159	.38	.47

01673638 COHOKE MILL CREEK NEAR LESTER MANOR, VA—Continued**WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 3 of 3

[Remark codes: <, less than; E, estimated. Value
qualifier codes: c, see result laboratory comment;
n, below the LRL and above the LT-MDL.]

Date	Organic carbon, water, fltrd, mg/L (00681)	Sus- pended sedi- ment concen- tration mg/L (80154)
Feb		
23...	4.3	1
Mar		
09...	4.6	2
Apr		
01...	6.3	3
May		
04...	<.4	<.5
04...	8.4	16
Jun		
01...	7.7	22
Jul		
28...	6.8	17
Sep		
10...	7.9	11
10...	7.8	15