

Water-Data Report 2007

**01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY**

Long Island Basin  
Southern Long Island Subbasin

LOCATION.--Lat 40°39'42", long 73°44'38" referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, on right end of upstream side of reinforced- concrete bridge in Brookville Park, opposite 144th Ave. and 1,300 ft southwest of South Conduit Ave., in Rosedale.

DRAINAGE AREA.--About 10 mi<sup>2</sup>

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--August 1993 to September 2006, August to September of current year.

GAGE.--Water-stage recorder. Elevation of gage is 7.0 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records fair except those above 110 ft<sup>3</sup>/s, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 246 ft<sup>3</sup>/s, Jan. 3, 1999, gage height, 5.21 ft, from rating curve extended above 110 ft<sup>3</sup>/s; no flow part of each day Jan. 9, 10, 1996, and many days during July to September 1999 and July and August 2002.

EXTREMES FOR CURRENT PERIOD.--August to September 2007: maximum discharge, 138 ft<sup>3</sup>/s, Aug. 8, gage height, 3.49 ft; minimum discharge, 2.1 ft<sup>3</sup>/s, Sept. 12, gage height, 0.62 ft.

## 01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	4.7	3.9
2	---	---	---	---	---	---	---	---	---	---	4.5	3.9
3	---	---	---	---	---	---	---	---	---	---	5.0	4.1
4	---	---	---	---	---	---	---	---	---	---	5.2	4.0
5	---	---	---	---	---	---	---	---	---	---	5.0	4.2
6	---	---	---	---	---	---	---	---	---	---	5.7	4.4
7	---	---	---	---	---	---	---	---	---	---	5.4	4.3
8	---	---	---	---	---	---	---	---	---	---	27	3.7
9	---	---	---	---	---	---	---	---	---	---	3.6	3.6
10	---	---	---	---	---	---	---	---	---	---	5.5	3.7
11	---	---	---	---	---	---	---	---	---	---	3.4	9.3
12	---	---	---	---	---	---	---	---	---	---	3.4	2.4
13	---	---	---	---	---	---	---	---	---	---	3.0	2.3
14	---	---	---	---	---	---	---	---	---	---	3.1	2.6
15	---	---	---	---	---	---	---	---	---	---	3.3	2.9
16	---	---	---	---	---	---	---	---	---	---	3.2	2.6
17	---	---	---	---	---	---	---	---	---	---	4.8	2.8
18	---	---	---	---	---	---	---	---	---	---	4.1	2.7
19	---	---	---	---	---	---	---	---	---	---	3.6	2.6
20	---	---	---	---	---	---	---	---	---	---	4.0	2.8
21	---	---	---	---	---	---	---	---	---	---	12	3.0
22	---	---	---	---	---	---	---	---	---	---	4.4	3.1
23	---	---	---	---	---	---	---	---	---	---	3.6	2.8
24	---	---	---	---	---	---	---	---	---	---	4.4	2.8
25	---	---	---	---	---	---	---	---	---	---	3.3	3.2
26	---	---	---	---	---	---	---	---	---	---	3.6	3.1
27	---	---	---	---	---	---	---	---	---	---	3.7	3.3
28	---	---	---	---	---	---	---	---	---	---	3.9	3.6
29	---	---	---	---	---	---	---	---	---	---	3.7	3.1
30	---	---	---	---	---	---	---	---	---	---	3.9	3.4
31	---	---	---	---	---	---	---	---	---	---	4.0	---
<b>Total</b>	---	---	---	---	---	---	---	---	---	---	158.0	104.2
<b>Mean</b>	---	---	---	---	---	---	---	---	---	---	5.10	3.47
<b>Max</b>	---	---	---	---	---	---	---	---	---	---	27	9.3
<b>Min</b>	---	---	---	---	---	---	---	---	---	---	3.0	2.3

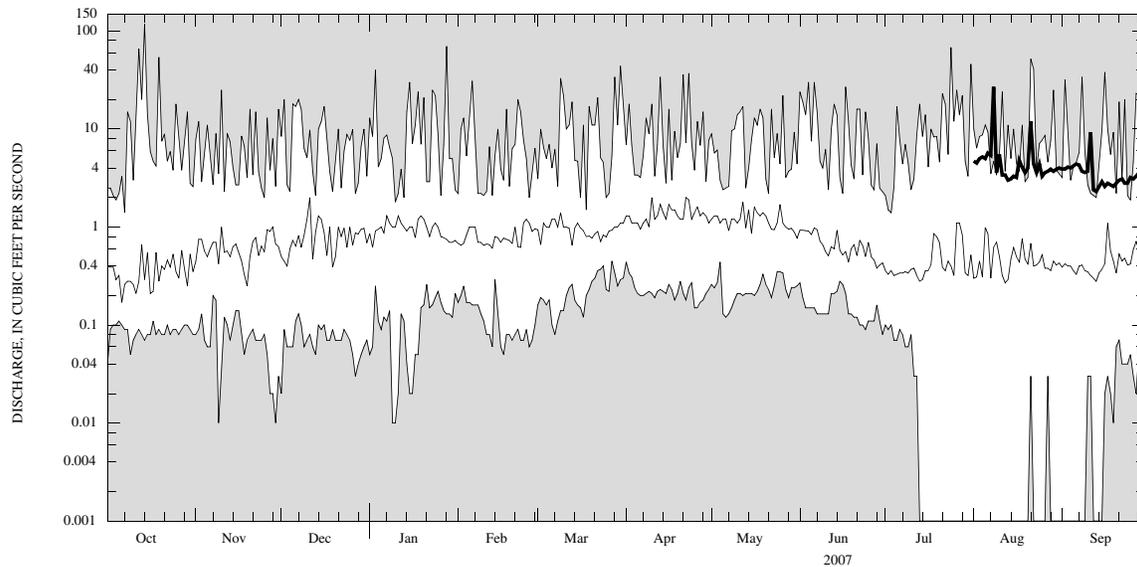
**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2007, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	1.76	1.34	1.59	2.14	1.49	2.00	2.26	1.85	1.92	1.81	1.78	1.63
<b>Max</b>	10.6	3.33	3.97	4.67	2.78	4.26	4.18	2.93	6.25	4.86	5.10	4.29
<b>(WY)</b>	(2006)	(2006)	(1997)	(1994)	(2004)	(2001)	(2005)	(1998)	(2003)	(2006)	(2007)	(2004)
<b>Min</b>	0.12	0.10	0.11	0.37	0.27	0.91	0.46	0.87	0.33	0.04	0.03	0.28
<b>(WY)</b>	(2002)	(2002)	(1999)	(2000)	(2000)	(1995)	(1999)	(1995)	(1994)	(2002)	(1999)	(1995)

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**SUMMARY STATISTICS**

	<b>Water Years 1993 - 2007</b>	
<b>Annual mean</b>	1.77	
<b>Highest annual mean</b>	3.99	2006
<b>Lowest annual mean</b>	0.80	1995
<b>Highest daily mean</b>	118	Oct 14, 2005
<b>Lowest daily mean</b>	0.00	Jul 13, 1999
<b>Annual seven-day minimum</b>	0.00	Jul 13, 1999
<b>10 percent exceeds</b>	3.5	
<b>50 percent exceeds</b>	0.72	
<b>90 percent exceeds</b>	0.13	



CURRENT WATER YEAR DAILY MEAN DISCHARGE (BOLD) WITH DAILY MEDIAN FOR PERIOD OF RECORD.  
 SHADED AREAS SHOW HIGHEST AND LOWEST DAILY MEAN FOR PERIOD OF RECORD THROUGH PREVIOUS WATER YEAR.  
 ZERO OR NEGATIVE FLOWS ARE PLOTTED AS 0.001 DISCHARGE, WHICH MAY INCLUDE THE LOWEST DAILY MEAN FOR PERIOD OF RECORD.