

Water-Data Report 2009

0425040001 TROUT BROOK UPSTREAM OF CR-48 AT CENTERVILLE, NY

Southeastern Lake Ontario Basin
Salmon-Sandy Subbasin

LOCATION.--Lat 43°32'49.1", long 76°02'33.7" referenced to North American Datum of 1983, Oswego County, NY, Hydrologic Unit 04140102, on left bank, 30 ft upstream of abandoned railroad bridge abutment, 120 ft upstream of County Highway 48 in Centerville, 1.6 mi south of Richland, and 0.6 mi upstream of confluence with Salmon River.

DRAINAGE AREA.--19.1 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 2008 to current year.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 540 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except those for estimated daily discharges, which are fair. Satellite gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 340 ft³/s, Apr. 4, 2009, gage height, 5.86 ft, from rating curve extended above 150 ft³/s; minimum discharge, 4.7 ft³/s, Sept. 18, 2009, gage height 1.44 ft.

EXTREMES FOR CURRENT PERIOD.--June to September 2008: Maximum discharge, 256 ft³/s, July 25, gage height, 4.70; minimum discharge, 10 ft³/s, Sept. 27, gage height, 1.65 ft.

Water year 2009: Maximum discharge, 340 ft³/s, Apr. 4, gage height, 5.86 ft, from rating curve extended above 150 ft³/s; minimum discharge, 4.7 ft³/s, Sept. 18, gage height, 1.44 ft.

0425040001 TROUT BROOK UPSTREAM OF CR-48 AT CENTERVILLE, NY—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	48	36	20
2	---	---	---	---	---	---	---	---	---	36	37	18
3	---	---	---	---	---	---	---	---	---	34	35	19
4	---	---	---	---	---	---	---	---	---	36	28	18
5	---	---	---	---	---	---	---	---	---	28	25	17
6	---	---	---	---	---	---	---	---	---	24	38	21
7	---	---	---	---	---	---	---	---	---	22	29	28
8	---	---	---	---	---	---	---	---	---	20	54	23
9	---	---	---	---	---	---	---	---	---	19	64	36
10	---	---	---	---	---	---	---	---	---	19	43	32
11	---	---	---	---	---	---	---	---	---	18	51	22
12	---	---	---	---	---	---	---	---	---	18	66	20
13	---	---	---	---	---	---	---	---	---	41	53	28
14	---	---	---	---	---	---	---	---	---	66	56	39
15	---	---	---	---	---	---	---	---	---	35	40	32
16	---	---	---	---	---	---	---	---	---	25	34	27
17	---	---	---	---	---	---	---	---	---	21	30	22
18	---	---	---	---	---	---	---	---	---	20	28	19
19	---	---	---	---	---	---	---	---	---	18	183	16
20	---	---	---	---	---	---	---	---	---	26	95	15
21	---	---	---	---	---	---	---	---	---	32	60	14
22	---	---	---	---	---	---	---	---	---	23	48	14
23	---	---	---	---	---	---	---	---	---	21	42	13
24	---	---	---	---	---	---	---	---	---	32	37	12
25	---	---	---	---	---	---	---	---	19	211	46	12
26	---	---	---	---	---	---	---	---	21	99	36	11
27	---	---	---	---	---	---	---	---	25	82	31	13
28	---	---	---	---	---	---	---	---	74	63	27	14
29	---	---	---	---	---	---	---	---	80	51	26	13
30	---	---	---	---	---	---	---	---	81	44	26	13
31	---	---	---	---	---	---	---	---	---	44	23	---
Mean	---	---	---	---	---	---	---	---	---	41.2	46.0	20.0
Max	---	---	---	---	---	---	---	---	---	211	183	39
Min	---	---	---	---	---	---	---	---	---	18	23	11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2008 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	---	---	---	---	---	---	---	---	---	41.2	46.0	20.0
Max	---	---	---	---	---	---	---	---	---	41.2	46.0	20.0
(WY)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(2008)	(2008)	(2008)
Min	---	---	---	---	---	---	---	---	---	41.2	46.0	20.0
(WY)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(2008)	(2008)	(2008)

0425040001 TROUT BROOK UPSTREAM OF CR-48 AT CENTERVILLE, NY—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	20	108	104	e79	e30	76	179	105	36	14	16	11
2	32	97	105	e78	e30	73	183	99	33	19	65	9.6
3	51	85	91	e76	e30	56	210	74	31	23	57	8.7
4	46	99	87	e72	e25	57	303	61	28	24	31	8.1
5	33	105	82	e76	e23	58	245	55	26	21	22	7.6
6	29	93	86	e74	e24	56	233	51	24	16	19	7.3
7	24	81	75	75	e26	62	240	61	22	14	17	6.9
8	22	86	60	74	33	127	192	61	21	28	14	6.8
9	51	89	73	e47	35	179	172	56	23	27	14	6.6
10	38	86	136	e36	33	175	164	77	22	18	32	6.3
11	32	90	132	e34	40	197	163	59	23	33	32	6.0
12	26	81	111	e35	95	198	150	50	49	49	23	6.2
13	25	79	82	e42	102	155	128	46	33	26	20	6.5
14	23	106	91	e45	89	132	121	46	25	19	24	6.6
15	21	121	114	e42	86	119	126	45	22	16	19	6.1
16	40	148	154	e40	72	114	131	74	20	19	15	5.5
17	44	136	116	e37	64	120	130	161	18	16	12	5.7
18	36	110	105	e38	63	150	129	81	36	14	11	6.6
19	30	92	81	e41	60	171	128	61	41	13	11	6.1
20	26	82	e64	e40	e46	162	122	53	32	12	13	5.8
21	34	75	e63	e38	e46	135	124	48	26	11	20	5.4
22	51	68	e60	e37	e48	124	137	44	23	16	22	6.7
23	43	64	e60	e37	e46	106	136	40	19	13	17	8.0
24	36	62	e65	e36	e43	96	120	38	16	12	14	11
25	63	77	92	e34	45	95	103	36	15	11	13	7.8
26	140	80	81	e32	46	109	108	32	14	16	13	6.5
27	95	72	124	e32	58	148	87	35	13	38	15	29
28	93	68	262	e32	89	170	74	46	14	20	12	28
29	124	70	228	e32	---	220	70	60	15	15	11	34
30	98	66	178	e32	---	267	60	51	14	16	12	38
31	88	---	130	e30	---	204	---	42	---	20	14	---
Mean	48.8	89.2	106	46.9	51.0	133	149	59.6	24.5	19.6	20.3	10.5
Max	140	148	262	79	102	267	303	161	49	49	65	38
Min	20	62	60	30	23	56	60	32	13	11	11	5.4

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2008 - 2009, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	48.8	89.2	106	46.9	51.0	133	149	59.6	24.5	30.4	33.2	15.3
Max	48.8	89.2	106	46.9	51.0	133	149	59.6	24.5	41.2	46.0	20.0
(WY)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)	(2008)	(2008)	(2008)
Min	48.8	89.2	106	46.9	51.0	133	149	59.6	24.5	19.6	20.3	10.5
(WY)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)	(2009)

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SUMMARY STATISTICS

	Water Year 2009		Water Years 2008 - 2009	
Annual mean	63.2		63.2	
Highest annual mean			63.2	2009
Lowest annual mean			63.2	2009
Highest daily mean	303	Apr 4	303	Apr 4, 2009
Lowest daily mean	5.4	Sep 21	5.4	Sep 21, 2009
Annual seven-day minimum	5.9	Sep 15	5.9	Sep 15, 2009
10 percent exceeds	135		135	
50 percent exceeds	46		46	
90 percent exceeds	13		13	

