01362230 DIVERSION FROM SCHOHARIE RESERVOIR, NY

Upper Hudson Basin
Middle Hudson Subbasin

LOCATION.--Lat 42°06′52″, long 74°21′51″ referenced to North American Datum of 1927, Ulster County, NY, Hydrologic Unit 02020006, on left bank at outlet of Shandaken tunnel on Esopus Creek, 70 ft upstream from State Highway 28 bridge, and 3.3 mi northwest of Phoenicia. Water-quality sampling site at discharge station.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--February 1924 to September 1950 and October 1960 to September 1996 (monthly and yearly discharge only), December 1996 to current year. (Prior to October 1950, published in WSP 1302, October 1960 to September 1970, in WSP 2102.) Records for October 1950 to September 1960 are unpublished and available in files of the Geological Survey.

REVISED RECORDS.--WDR NY-04-1: 1998-99, 2001, 2003.

GAGE.--Water-stage recorder. Concrete control since May 8, 1998. Datum of gage is 965.7 ft above NGVD of 1929 (from levels by New York State Department of Transportation).

REMARKS.--No estimated daily discharges. Records good. Flow completely regulated by Schoharie Resevoir. Stage-discharge relation affected by backwater during high flows along Esopus Creek. Records prior to October 1996 provided by Department of Environmental Protection, City of New York. Satellite and telephone gage-height and temperature telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 933 ft^3/s, Apr. 22, 23, 24, 25, 1999, gage height, 5.58 ft; maximum gage height, 9.49 ft, Apr. 3, 2005, affected by backwater; minimum discharge, 0.08 ft^3/s, part of each day Apr. 20-26, 2001; minimum gage height since concrete control, 1.86 ft, part of each day Apr. 20-26, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 845 ft^3/s, Nov. 27, gage height, 5.36 ft; minimum discharge, 1.0 ft^3/s, Apr. 15, gage height, 1.95 ft.

01362230 DIVERSION FROM SCHOHARIE RESERVOIR, 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	212	703	811	109	87	2.5	1.7	160	369	123	107	742
2	211	700	809	109	88	3.7	1.5	156	348	122	107	556
3	210	700	812	106	86	69	1.5	156	318	125	107	383
4	215	697	811	107	90	83	1.6	156	316	128	107	394
5	383	697	808	107	85	7.1	1.6	152	315	129	134	324
6	704	697	806	90	50	2.9	1.5	144	474	128	201	221
7	590	697	804	56	3.6	2.7	1.6	144	733	128	204	220
8	404	694	803	21	3.2	4.7	1.6	144	606	128	194	224
9	402	694	801	5.0	2.7	3.5	1.5	157	293	128	194	230
10	397	693	800	4.6	2.6	3.0	1.4	170	132	129	193	221
11	388	689	799	4.4	2.5	2.6	1.4	169	124	134	216	216
12	378	689	799	4.1	2.5	2.5	1.4	295	118	139	266	217
13	379	689	794	4.1	2.7	2.3	1.3	591	119	138	242	216
14	380	687	795	4.1	2.6	2.3	1.2	758	125	138	210	215
15	370	484	793	4.0	2.6	2.4	1.1	752	125	137	200	215
16	363	412	792	3.8	2.5	2.2	1.2	750	125	137	198	215
17	362	723	790	15	2.5	2.1	1.3	746	123	136	198	216
18	361	721	789	15	3.3	2.1	1.3	747	120	138	240	222
19	362	773	778	16	2.9	2.2	1.3	673	120	146	279	225
20	314	810	755	47	2.8	2.4	65	510	120	145	278	233
21	255	813	749	66	2.7	2.2	136	413	120	146	278	233
22	265	814	747	91	2.7	2.2	127	412	120	140	278	232
23	275	811	699	91	2.6	2.1	127	480	121	133	277	231
24	277	809	56	90	2.5	2.1	129	535	121	90	277	231
25	278	812	55	90	2.5	2.1	140	532	121	65	240	230
26	279	810	42	89	2.5	2.0	147	530	122	86	172	230
27	206	813	43	89	2.5	2.0	147	654	122	87	154	232
28	44	813	102	89	2.5	2.0	150	759	122	74	155	233
29	52	812	108	85	2.5	1.8	156	656	122	68	400	229
30	317	814	108	88	---	1.8	162	452	122	83	756	214
31	703	---	106	87	---	1.9	---	371	---	90	746	---
Total	10,336	21,770	18,764	1,787.1	548.0	227.4	1,513.0	13,324	6,336	3,718	7,608	8,000
Mean	333	726	605	57.6	18.9	7.34	50.4	430	211	120	245	267
Max	704	814	812	109	90	83	162	759	733	146	756	742
Min	44	412	42	3.8	2.5	1.8	1.1	144	118	65	107	214

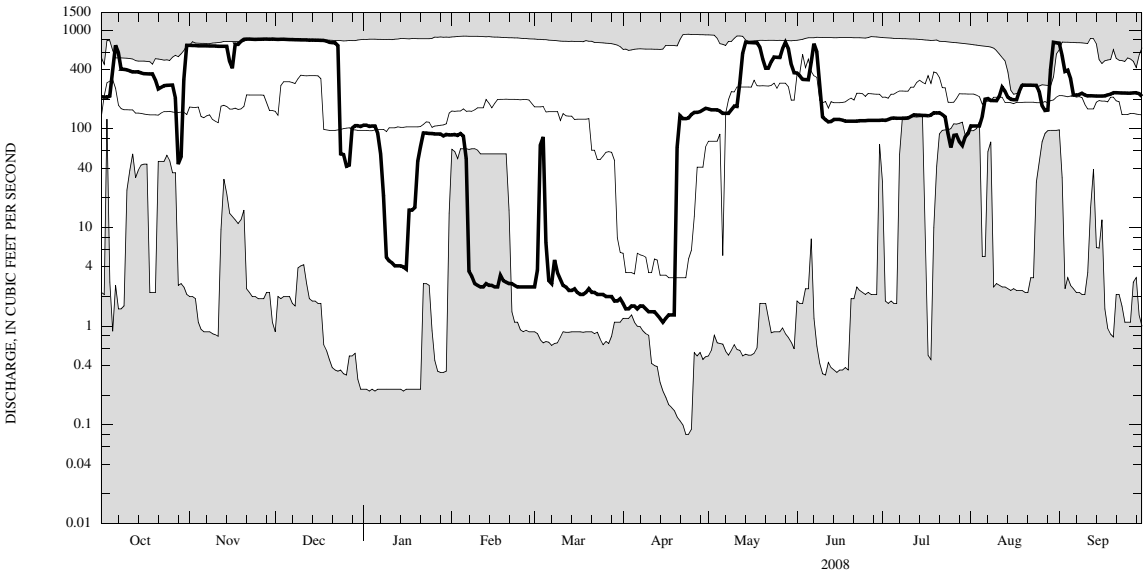
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	213	320	372	179	252	186	164	332	279	283	199	239
Max	501	751	805	825	854	768	656	748	841	794	354	529
(WY)	(2007)	(2007)	(2006)	(2006)	(2006)	(2006)	(2002)	(2006)	(2006)	(2006)	(2006)	(2000)
Min	65.3	17.4	2.95	3.37	18.9	0.86	0.99	7.61	44.1	120	65.9	15.9
(WY)	(2004)	(2004)	(2004)	(2005)	(2008)	(1997)	(1997)	(2004)	(2003)	(2008)	(2003)	(2003)

01362230 DIVERSION FROM SCHOHARIE RESERVOIR, NY—Continued

SUMMARY STATISTICS

	Calendar Year 2007		Water Year 2008		Water Years 1997 - 2008	
Annual total	90,967.9		93,931.5			
Annual mean	249		257		261	
Highest annual mean					643	2006
Lowest annual mean					90.4	2004
Highest daily mean	814	Nov 22	814	Nov 22	913	Apr 24, 1999
Lowest daily mean	4.1	May 7	1.1	Apr 15	0.08	Apr 23, 2001
Annual seven-day minimum	5.1	May 2	1.2	Apr 13	0.10	Apr 19, 2001
10 percent exceeds	722		751		739	
50 percent exceeds	197		144		180	
90 percent exceeds	7.7		2.4		2.3	



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.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--
PESTICIDE DATA: 1999-2008 (b).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: July 1997 to current year.

INSTRUMENTATION.--Water-temperature satellite and telephone telemeter provides 15-minute-interval readings.

REMARKS.--Temperature readings prior to Oct. 1, 2007 rounded to nearest 0.5°C. For many of the samples collected, analysis was performed using different analytical methods. When these methods share one or more compounds, separate tables are provided so that each compound can be presented. A sampling method code of 8030 indicates a grab sample at water supply tap.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Prior to Oct. 1, 2007--Maximum, 25.5°C, Aug. 4, 5, 2006; minimum (water years 1998-99, 2002-07), 0.0°C, Jan. 19, 1999, and may have also occurred during period of missing record January 1999.
WATER TEMPERATURE: After Oct. 1, 2007--Maximum, 22.9°C, July 21, 22, 2008; minimum, 1.1°C, Mar. 4, 2008.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 22.9°C, July 21, 22; minimum, 1.1°C, Mar. 4.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 5

[Remark codes: <, less than; E, estimated.]

Date	Time	1-Naphthol, water, fltrd 0.7u GF µg/L (49295)	2,6-Diethylaniline water, fltrd 0.7u GF µg/L (82660)	2Chloro-2',6'-diethyl acetanilide wat flt µg/L (61618)	CIAT, water, fltrd, µg/L (04040)	2-Ethyl-6-methylaniline water, fltrd, µg/L (61620)	3,4-Dichloroaniline water, fltrd, µg/L (61625)	4-Chloro-2methyl phenol, water, fltrd, µg/L (61633)	Acetochlor, water, fltrd, µg/L (49260)	Alachlor, water, fltrd, µg/L (46342)	Atrazine, water, fltrd, µg/L (39632)	Azinphosmethyl oxon, water, fltrd, µg/L (61635)	Azinphosmethyl, water, fltrd 0.7u GF µg/L (82686)
May													
13...	1000	<.04	<.006	<.010	<.014	<.010	<.006	<.005	<.02	<.02	<.007	<.04	<.120
Jul													
10...	1015	<.04	<.006	<.010	E.006	<.010	<.006	<.005	<.02	<.02	.008	<.04	<.120
Sep													
25...	0945	<.04	<.006	<.010	E.004	<.010	<.006	<.005	<.02	<.02	<.007	<.04	<.120

01362230 DIVERSION FROM SCHOHARIE RESERVOIR, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 2 of 5
[Remark codes: <, less than; E, estimated.]

Date	Benflur-alin, water, fltrd 0.7u GF µg/L (82673)	Car-baryl, water, fltrd 0.7u GF µg/L (82680)	Chlor-pyrifos oxon, water, fltrd, µg/L (61636)	Chlor-pyrifos water, fltrd, µg/L (38933)	cis-Per-methrin water fltrd 0.7u GF µg/L (82687)	Cyflu-thrin, water, fltrd, µg/L (61585)	Cyper-methrin water, fltrd, µg/L (61586)	DCPA, water, fltrd 0.7u GF µg/L (82682)	Desulf-inyl-fipro-nil, water, fltrd, µg/L (62170)	Diazi-non, water, fltrd, µg/L (39572)	Dicro-tophos, water, fltrd, µg/L (38454)	Diel-drin, water, fltrd, µg/L (39381)	Dimeth-oate, water, fltrd 0.7u GF µg/L (82662)
May													
13...	<.010	<.060	<.06	<.005	<.010	<.016	<.014	<.003	<.012	<.005	<.08	<.009	<.006
Jul													
10...	<.010	<.060	<.06	<.005	<.010	<.016	<.014	<.003	<.012	<.005	<.08	<.009	<.006
Sep													
25...	<.010	<.060	<.06	<.005	<.010	<.016	<.014	<.003	<.012	<.005	<.08	<.009	<.006

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 3 of 5
[Remark codes: <, less than; E, estimated.]

Date	Ethion monoxon water, fltrd, µg/L (61644)	Ethion, water, fltrd, µg/L (82346)	Fenami-phos sulfone water, fltrd, µg/L (61645)	Fenami-phos sulf-oxide, water, fltrd, µg/L (61646)	Fenami-phos, water, fltrd, µg/L (61591)	Desulf-inyl-fipro-nil amide, wat flt µg/L (62169)	Fipro-nil sulfide water, fltrd, µg/L (62167)	Fipro-nil sulfone water, fltrd, µg/L (62168)	Fipro-nil, water, fltrd, µg/L (62166)	Fonofos water, fltrd, µg/L (04095)	Hexa-zinone, water, fltrd, µg/L (04025)	Ipro-dione, water, fltrd, µg/L (61593)	Isofen-phos, water, fltrd, µg/L (61594)
May													
13...	<.02	<.006	<.053	<.20	<.03	<.029	<.013	<.024	<.020	<.010	<.008	<.01	<.006
Jul													
10...	<.02	<.006	<.053	<.20	<.03	<.029	<.013	<.024	<.020	<.010	<.008	<.01	<.006
Sep													
25...	<.02	<.006	<.053	<.20	<.03	<.029	<.013	<.024	<.020	<.010	<.008	<.01	<.006

01362230 DIVERSION FROM SCHOHARIE RESERVOIR, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 4 of 5
[Remark codes: <, less than; E, estimated.]

Date	Malaoxon, water, fltrd, µg/L (61652)	Malathion, water, fltrd, µg/L (39532)	Metalaxyl, water, fltrd, µg/L (61596)	Methidathion, water, fltrd, µg/L (61598)	Methyl paraoxon, water, fltrd, µg/L (61664)	Methyl parathion, water, fltrd 0.7u GF µg/L (82667)	Metolachlor, water, fltrd, µg/L (39415)	Metribuzin, water, fltrd, µg/L (82630)	Myclobutanil water, fltrd, µg/L (61599)	Pendimethalin, water, fltrd 0.7u GF µg/L (82683)	Phorate oxon, water, fltrd, µg/L (61666)	Phorate water, fltrd 0.7u GF µg/L (82664)	Phosmet oxon, water, fltrd, µg/L (61668)
May													
13...	<.020	<.016	<.007	<.004	<.01	<.008	<.02	<.012	<.010	<.012	<.03	<.040	<.05
Jul													
10...	<.020	<.016	<.007	<.004	<.01	<.008	<.02	<.012	<.010	<.012	<.03	<.040	<.06
Sep													
25...	<.020	<.016	<.007	<.004	<.01	<.008	<.02	<.012	<.010	<.012	<.03	<.040	<.05

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 5 of 5
[Remark codes: <, less than; E, estimated.]

Date	Phosmet water, fltrd, µg/L (61601)	Prometon, water, fltrd, µg/L (04037)	Prometryn, water, fltrd, µg/L (04036)	Propyzamide, water, fltrd 0.7u GF µg/L (82676)	Simazine, water, fltrd, µg/L (04035)	Tebuthiuron water, fltrd 0.7u GF µg/L (82670)	Terbufos oxon sulfone water, fltrd, µg/L (61674)	Terbufos, water, fltrd 0.7u GF µg/L (82675)	Terbuthylazine, water, fltrd, µg/L (04022)	Tributphos, water, fltrd, µg/L (61610)	Trifluralin, water, fltrd 0.7u GF µg/L (82661)	Dichlorvos, water, fltrd, µg/L (38775)	Sampling method, code (82398)
May													
13...	<.008	<.01	<.006	<.004	<.006	<.02	<.04	<.02	<.01	<.035	<.009	<.01	8030
Jul													
10...	<.008	<.01	<.006	<.004	<.006	<.02	<.04	<.02	<.01	<.035	<.009	<.01	8030
Sep													
25...	<.008	<.01	<.006	<.004	<.006	<.02	<.04	<.02	<.01	<.035	<.009	<.01	8030

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 1 of 5
[Remark codes: <, less than.]

Date	Time	2,4-D methyl ester, water, fltrd, µg/L (50470)	2,4-D, water, fltrd, µg/L (39732)	2,4-DB, water, fltrd 0.7u GF µg/L (38746)	CIAT, water, fltrd, µg/L (04040)	CEAT, water, fltrd, µg/L (04038)	OIET, water, fltrd, µg/L (50355)	3-Hydroxy carbofuran, wat flt 0.7u GF µg/L (49308)	Acifluorfen, water, fltrd 0.7u GF µg/L (49315)	Aldicarb sulfone water, fltrd 0.7u GF µg/L (49313)	Aldicarb sulfoxide, wat flt 0.7u GF µg/L (49314)	Aldicarb, water, fltrd 0.7u GF µg/L (49312)	Atrazine, water, fltrd, µg/L (39632)
Jul													
10...	1020	<.040	<.02	<.02	<.06	<.08	<.040	<.040	<.040	<.08	<.060	<.12	<.040

01362230 DIVERSION FROM SCHOHARIE RESERVOIR, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 2 of 5
[Remark codes: <, less than.]

Date	Barban, surrog, Sched. 2060/ 9060, wat flt % recvy (90640)	Bendiocarb, water, fltrd, µg/L (50299)	Benomyl water, fltrd, µg/L (50300)	Bensulfuron-methyl, water, fltrd, µg/L (61693)	Bentazon, water, fltrd 0.7u GF µg/L (38711)	Bromacil, water, fltrd, µg/L (04029)	Bromoxynil, water, fltrd 0.7u GF µg/L (49311)	Caffeine, water, fltrd, µg/L (50305)	Carbaryl, water, fltrd 0.7u GF µg/L (49310)	Carbofuran, water, fltrd 0.7u GF µg/L (49309)	Chloramben methyl ester, water, fltrd, µg/L (61188)	Chlorimuron-ethyl, water, fltrd, µg/L (50306)	Clopyralid, water, fltrd 0.7u GF µg/L (49305)
Jul													
10...	83.4	<.04	<.040	<.06	<.04	<.02	<.12	<.060	<.04	<.020	<.10	<.080	<.06

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 3 of 5
[Remark codes: <, less than.]

Date	Cycloate, water, fltrd, µg/L (04031)	Dacthal mono-acid, water, fltrd 0.7u GF µg/L (49304)	Dicamba water, fltrd 0.7u GF µg/L (38442)	Dichlorprop, water, fltrd 0.7u GF µg/L (49302)	Dinoseb water, fltrd 0.7u GF µg/L (49301)	Diphenamid, water, fltrd, µg/L (04033)	Diuron, water, fltrd 0.7u GF µg/L (49300)	Fenuron water, fltrd 0.7u GF µg/L (49297)	Flumetsulam, water, fltrd, µg/L (61694)	Fluometuron water, fltrd 0.7u GF µg/L (38811)	Imazaquin, water, fltrd, µg/L (50356)	Imazethapyr, water, fltrd, µg/L (50407)	Imidacloprid water, fltrd, µg/L (61695)
Jul													
10...	<.02	<.02	<.04	<.02	<.04	<.04	<.04	<.04	<.06	<.04	<.04	<.04	<.060

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 4 of 5
[Remark codes: <, less than.]

Date	Linuron water, fltrd 0.7u GF µg/L (38478)	MCPA, water, fltrd 0.7u GF µg/L (38482)	MCPB, water, fltrd 0.7u GF µg/L (38487)	Metalaxyl, water, fltrd, µg/L (50359)	Methiocarb, water, fltrd 0.7u GF µg/L (38501)	Methomyl, water, fltrd 0.7u GF µg/L (49296)	Metsulfuron-methyl, water, fltrd, µg/L (61697)	N-(4-Chlorophenyl)-N'-methylurea, µg/L (61692)	Neburon water, fltrd 0.7u GF µg/L (49294)	Nicosulfuron, water, fltrd, µg/L (50364)	Norflurazon, water, fltrd 0.7u GF µg/L (49293)	Oryzalin, water, fltrd 0.7u GF µg/L (49292)	Oxamyl, water, fltrd 0.7u GF µg/L (38866)
Jul													
10...	<.02	<.06	<.06	<.02	<.040	<.120	<.14	<.12	<.02	<.10	<.02	<.04	<.12

01362230 DIVERSION FROM SCHOHARIE RESERVOIR, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 5 of 5
[Remark codes: <, less than.]

Date	Picloram, water, fltrd 0.7u GF µg/L (49291)	Propham water, fltrd 0.7u GF µg/L (49236)	Propiconazole, water, fltrd, µg/L (50471)	Propoxur, water, fltrd 0.7u GF µg/L (38538)	Siduron water, fltrd, µg/L (38548)	Sulfometruron-methyl, water, fltrd, µg/L (50337)	Tebuthiuron water, fltrd 0.7u GF µg/L (82670)	Terbacil, water, fltrd, µg/L (04032)	Triclopyr, water, fltrd 0.7u GF µg/L (49235)	Sampling method, code (82398)
Jul										
10...	<.12	<.040	<.04	<.040	<.02	<.060	<.040	<.040	<.08	8030

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			**November**			**December**			**January**	
1	19.0	17.8	18.8	12.4	11.5	12.0	5.2	4.2	4.9	2.4	2.3	2.3
2	18.7	17.8	18.4	12.4	12.0	12.2	4.8	4.1	4.5	2.4	2.3	2.3
3	18.7	17.7	18.4	12.1	11.7	11.8	4.9	4.0	4.5	2.4	1.9	2.2
4	19.0	18.3	18.7	11.7	11.4	11.5	4.7	3.4	4.0	2.2	1.9	2.0
5	19.2	18.0	18.7	11.5	11.0	11.2	3.9	3.3	3.7	2.1	1.9	2.0
6	19.3	18.8	19.0	11.0	10.4	10.6	3.9	3.3	3.6	2.1	1.7	1.9
7	20.3	19.2	19.7	10.6	10.3	10.4	3.9	3.6	3.7	2.2	1.8	2.1
8	19.8	19.0	19.4	10.4	10.2	10.3	3.7	3.4	3.6	3.5	1.9	2.8
9	19.8	18.9	19.6	10.3	9.9	10.0	3.7	3.5	3.6	4.2	3.5	3.9
10	19.2	18.7	18.9	9.9	9.7	9.8	3.7	2.9	3.4	4.1	3.9	4.0
11	19.3	19.0	19.1	9.7	9.4	9.5	3.6	3.1	3.3	4.5	4.1	4.3
12	19.0	18.0	18.6	9.4	8.9	9.1	3.7	3.0	3.4	4.6	4.4	4.4
13	18.0	17.1	17.4	9.2	8.9	9.0	3.7	3.1	3.4	4.7	4.4	4.5
14	17.2	16.7	16.9	9.2	8.5	8.8	3.5	2.6	3.1	4.8	4.5	4.7
15	16.7	16.3	16.5	8.8	8.5	8.7	3.0	2.5	2.8	4.9	4.7	4.8
16	16.3	15.6	15.9	8.7	8.3	8.5	3.0	2.4	2.6	5.2	4.7	4.8
17	15.9	15.6	15.7	8.3	8.0	8.1	2.7	2.0	2.4	4.9	4.1	4.5
18	15.7	15.5	15.6	8.0	7.6	7.8	2.5	2.2	2.3	4.1	3.6	3.8
19	15.7	14.8	15.4	7.8	7.4	7.6	2.5	2.3	2.4	4.8	3.2	4.1
20	16.0	15.0	15.7	7.4	6.4	6.9	2.7	2.3	2.5	3.3	2.1	2.8
21	15.9	15.3	15.6	7.0	6.6	6.8	2.7	1.9	2.4	2.3	2.0	2.1
22	15.5	14.8	15.2	7.0	6.8	6.9	2.4	1.9	2.1	2.3	2.1	2.2
23	15.5	13.4	14.6	6.9	6.7	6.8	2.9	2.3	2.6	2.3	2.2	2.2
24	15.7	14.0	15.1	6.7	6.4	6.5	3.1	2.3	2.8	2.3	2.1	2.2
25	15.6	15.0	15.3	6.5	5.9	6.2	2.3	2.1	2.2	2.3	2.1	2.2
26	15.4	14.2	14.7	6.3	5.9	6.0	2.9	2.3	2.5	2.3	2.1	2.2
27	14.2	14.0	14.2	6.3	5.7	6.1	3.6	2.3	3.0	2.2	2.1	2.2
28	14.2	13.5	13.9	6.2	5.9	6.0	2.4	1.9	2.2	2.2	2.1	2.2
29	13.5	11.3	12.6	6.1	5.4	5.7	2.5	2.0	2.3	2.3	2.2	2.2
30	12.9	11.0	12.1	5.5	4.9	5.4	2.4	2.2	2.3	2.3	2.2	2.2
31	13.0	12.3	12.6	---	---	---	2.4	2.3	2.4	2.3	2.2	2.3
Month	20.3	11.0	16.5	12.4	4.9	8.5	5.2	1.9	3.0	5.2	1.7	3.0

01362230 DIVERSION FROM SCHOHARIE RESERVOIR, NY—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	2.4	2.3	2.4	5.6	4.4	5.0	8.4	5.6	6.7	7.1	6.5	6.7
2	2.4	2.2	2.3	5.9	4.1	5.0	6.8	4.1	5.2	7.7	6.6	7.3
3	2.3	2.2	2.3	4.1	1.2	2.1	7.3	3.8	5.4	6.8	6.3	6.5
4	2.4	2.3	2.4	1.4	1.1	1.2	6.3	5.9	6.2	8.2	6.3	7.1
5	2.4	2.2	2.3	3.5	1.3	2.7	7.3	6.2	6.4	7.9	6.4	6.9
6	3.3	2.3	2.6	5.0	3.5	3.9	7.4	6.2	6.4	7.5	6.4	6.8
7	3.9	3.3	3.7	4.9	3.7	4.2	7.7	6.2	6.5	8.6	6.5	7.2
8	4.2	3.9	4.1	4.5	4.1	4.3	7.7	6.2	6.6	9.1	6.7	7.4
9	4.4	4.1	4.3	5.1	4.1	4.3	7.6	6.3	6.6	9.0	6.4	7.2
10	4.8	3.7	4.2	4.9	4.1	4.3	7.8	6.5	6.7	7.8	6.9	7.5
11	4.6	3.7	4.0	5.7	4.2	4.6	6.8	6.5	6.7	7.9	6.7	7.1
12	4.5	3.9	4.1	5.0	4.3	4.7	8.2	6.7	7.0	10.0	7.3	8.3
13	4.9	3.9	4.6	5.4	4.3	4.7	7.8	6.4	6.8	11.7	7.1	8.8
14	5.2	4.4	4.6	5.4	4.5	5.0	7.5	6.4	6.7	10.7	8.2	9.4
15	5.0	4.4	4.7	5.7	4.9	5.1	8.8	6.4	6.9	11.3	9.8	10.5
16	5.4	4.5	4.7	5.5	4.5	5.0	8.9	6.5	7.0	10.8	8.4	9.7
17	5.2	4.4	4.8	6.2	4.5	5.0	9.0	6.6	7.2	10.8	9.8	10.2
18	5.4	4.9	5.2	5.5	4.8	5.1	9.2	6.7	7.3	11.3	9.7	10.5
19	5.5	4.7	5.0	5.4	5.0	5.3	9.4	6.8	7.4	12.4	9.3	10.9
20	5.4	4.5	4.8	5.9	4.8	5.2	7.4	5.5	6.5	11.1	9.1	9.6
21	5.5	4.5	4.8	6.3	4.5	5.0	6.8	6.0	6.4	10.7	8.9	9.8
22	5.1	4.7	4.9	6.3	4.5	4.9	6.4	6.0	6.2	12.3	8.6	10
23	5.3	4.8	5.1	6.6	4.5	5.0	6.8	6.3	6.5	12.6	8.6	10.6
24	5.8	4.8	5.1	7.2	4.5	5.1	6.7	6.1	6.4	13.0	9.5	11.0
25	5.9	4.9	5.2	7.4	4.2	5.2	6.7	6.0	6.3	13.0	9.0	10.6
26	5.3	4.4	5.1	7.2	4.9	5.7	7.1	6.2	6.7	11.6	9.5	10.8
27	5.3	4.5	5.0	6.1	4.8	5.5	7.6	6.2	6.8	14.7	9.9	12.7
28	5.3	4.3	4.6	5.9	4.9	5.4	6.7	6.2	6.4	14.6	10.7	12.8
29	5.6	4.2	4.6	6.9	4.3	5.0	7.7	6.5	6.9	13.5	11.0	12.3
30	---	---	---	7.9	4.1	5.2	6.9	6.2	6.5	13.5	9.7	11.8
31	---	---	---	6.2	5.0	5.6	---	---	---	12.5	8.7	11.1
Month	5.9	2.2	4.2	7.9	1.1	4.7	9.4	3.8	6.6	14.7	6.3	9.3

01362230 DIVERSION FROM SCHOHARIE RESERVOIR, NY—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	14.5	11.4	12.8	16.6	12.8	15.2	18.3	16.6	17.5	21.4	20.1	20.7
2	13.6	10.0	11.6	17.2	12.3	14.9	18.3	16.2	17.2	21.3	20.1	20.8
3	13.5	9.3	12.0	17.4	13.6	15.3	18.2	16.5	17.4	20.7	20.0	20.4
4	14.5	10.5	12.9	17.8	13.4	16.2	18.3	16.4	17.6	20.8	19.9	20.3
5	13.3	10.5	12.4	18.0	13.9	16.0	18.9	16.3	17.5	21.0	17.4	19.9
6	16.1	10.3	13.2	17.9	15.1	16.7	18.8	16.6	17.9	21.0	18.6	20.1
7	16.1	14.4	15.3	17.7	14.9	16.1	19.0	15.6	17.9	20.3	18.6	19.7
8	15.6	14.2	15.0	18.3	14.6	16.3	19.0	16.3	18.0	20.8	19.4	20.0
9	14.9	12.9	13.8	18.3	15.5	16.7	18.7	17.4	18.2	20.7	19.6	20.2
10	14.3	11.1	12.9	21.1	15.2	18.0	19.1	17.6	18.4	21.2	19.8	20.5
11	14.4	9.4	11.7	19.7	15.4	17.1	18.7	17.7	18.2	20.1	19.2	19.8
12	14.7	11.4	13.0	19.8	16.4	18.0	19.3	18.3	18.9	20.0	18.6	19.5
13	14.5	8.3	11.3	19.6	15.8	17.6	19.5	17.8	18.4	20.1	19.6	20.0
14	13.7	10.6	12.4	21.0	13.7	19.0	19.6	17.7	18.5	20.3	19.5	20.0
15	14.9	12.5	13.7	20.4	16.6	18.3	19.3	17.9	18.6	20.2	13.8	18.1
16	14.8	10.0	12.5	20.4	16.9	19.1	19.4	17.9	18.6	20.8	19.6	20.2
17	15.0	10.0	12.7	21.3	19.2	20.0	19.2	18.0	18.6	20.3	19.8	20.0
18	15.0	11.7	13.5	21.0	17.8	19.2	19.4	17.6	18.7	20.2	19.8	20.0
19	15.0	11.9	13.4	21.8	18.6	20.0	20.1	18.0	19.1	20.2	19.4	19.9
20	15.1	11.5	13.3	21.9	16.9	19.9	19.7	17.9	18.8	19.5	18.9	19.3
21	15.6	11.3	13.7	22.9	16.6	20.5	19.8	18.2	19.0	19.2	18.9	19.1
22	15.0	12.8	13.8	22.9	18.4	19.8	19.8	18.5	19.2	19.5	19.1	19.4
23	15.6	12.8	14.3	22.1	19.5	20.9	19.4	18.5	19.0	19.5	18.9	19.2
24	15.9	13.0	14.3	21.1	19.1	20.0	19.7	18.7	19.3	19.0	18.6	18.8
25	16.2	10.3	13.6	19.2	17.6	18.6	19.8	18.8	19.4	18.9	18.6	18.7
26	16.1	12.5	14.4	18.6	17.6	17.9	19.6	17.4	18.5	18.9	18.4	18.6
27	16.5	13.0	14.4	19.1	15.4	17.8	19.6	18.1	18.9	18.4	16.2	17.2
28	15.9	14.3	14.8	18.7	17.6	18.2	19.5	18.1	18.7	17.7	16.7	17.5
29	17.0	13.3	15.4	17.8	15.5	17.1	20.6	18.8	19.7	17.9	17.1	17.6
30	16.0	12.5	14.8	18.1	15.8	17.2	20.9	20.5	20.7	17.1	16.3	16.7
31	---	---	---	18.2	16.0	17.2	21.6	20.3	20.9	---	---	---
Month	17.0	8.3	13.4	22.9	12.3	17.9	21.6	15.6	18.6	21.4	13.8	19.4

	Max	Min	Mean
Year	22.9	1.1	10.5