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 Records for October 1950 to September 1960 are unpublished and available in files of the Geological Survey.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.--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. 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, 915 ft^3/s, Feb 8, gage height, 5.47 ft, maximum gage height, 6.03 ft, Jun 28, affected by backwater; minimum discharge, 21 ft^3/s, Oct 9, gage height, 2.55 ft.

01362230 DIVERSION FROM SCHOHARIE RESERVOIR, NY—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	446	454	829	811	857	818	640	751	794	845	722	347
2	427	766	827	809	862	811	602	749	803	843	714	374
3	401	633	823	813	869	810	571	745	812	838	708	391
4	381	199	821	814	871	805	542	743	829	835	702	456
5	362	48	822	814	875	804	537	733	841	831	695	490
6	312	48	821	812	874	797	551	723	843	826	690	492
7	247	47	820	810	871	794	553	699	842	825	686	495
8	180	47	819	807	871	790	560	669	852	822	678	489
9	24	47	817	808	870	784	563	653	849	822	660	486
10	25	51	815	810	870	780	565	628	846	819	622	482
11	38	59	812	804	866	777	567	607	846	817	575	474
12	56	269	812	814	865	775	563	593	845	817	531	455
13	32	772	808	817	862	774	556	731	844	813	492	424
14	38	770	803	826	863	776	554	764	843	807	379	406
15	44	769	804	826	858	773	556	773	843	805	235	381
16	47	772	805	823	856	773	556	779	845	799	169	462
17	49	774	802	821	854	773	552	783	845	795	126	491
18	50	774	800	828	850	767	547	786	844	790	94	501
19	50	772	797	827	846	763	533	792	846	784	76	507
20	50	773	796	824	846	763	518	793	845	782	47	501
21	62	797	792	823	843	760	509	791	842	776	57	501
22	74	823	788	823	843	756	493	792	841	773	74	497
23	75	824	789	822	839	754	483	792	842	769	80	493
24	61	823	786	822	838	750	627	792	838	763	93	485
25	48	821	782	830	832	747	726	789	837	757	103	475
26	48	820	785	855	828	743	751	792	845	754	107	469
27	49	819	789	853	825	738	754	789	865	749	114	446
28	49	821	786	857	819	734	754	788	e860	744	120	420
29	49	823	788	852	---	723	755	787	858	738	126	395
30	49	832	799	856	---	708	752	785	851	734	197	382
31	98	---	805	852	---	684	---	791	---	728	304	---
Total	3,921	17,047	24,942	25,563	23,923	23,804	17,790	23,182	25,236	24,600	10,976	13,667
Mean	126	568	805	825	854	768	593	748	841	794	354	456
Max	446	832	829	857	875	818	755	793	865	845	722	507
Min	24	47	782	804	819	684	483	593	794	728	47	347

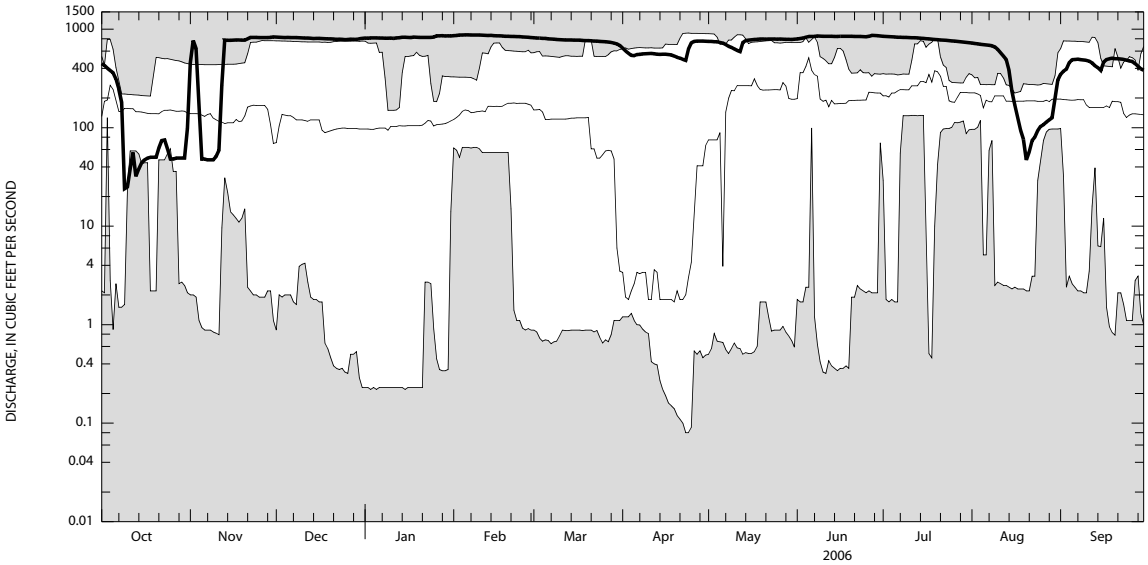
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2006, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	168	227	331	205	281	212	191	340	293	305	196	241
Max	335	568	805	825	854	768	656	748	841	794	354	529
(WY)	(2001)	(2006)	(2006)	(2006)	(2006)	(2006)	(2002)	(2006)	(2006)	(2006)	(2006)	(2000)
Min	65.3	17.4	2.95	3.37	54.6	0.86	0.99	7.61	44.1	133	65.9	15.9
(WY)	(2004)	(2004)	(2004)	(2005)	(1997)	(1997)	(1997)	(2004)	(2003)	(1999)	(2003)	(2003)

01362230 DIVERSION FROM SCHOHARIE RESERVOIR, NY—Continued

SUMMARY STATISTICS

	Calendar Year 2005		Water Year 2006		Water Years 1997 - 2006	
Annual total	96,312.5		234,651			
Annual mean	264		643		262	
Highest annual mean					643	2006
Lowest annual mean					90.4	2004
Highest daily mean	832	Nov 30	875	Feb 5	913	Apr 24, 1999
Lowest daily mean	2.5	Jan 26	24	Oct 9	0.08	Apr 23, 2001
Annual seven-day minimum	2.5	Jan 24	37	Oct 9	0.10	Apr 19, 2001
10 percent exceeds	788		845		734	
50 percent exceeds	225		774		174	
90 percent exceeds	3.9		96		2.1	



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: 1999-2006 (b).

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

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

REMARKS.--Site is part of the New York City Reservoirs Pesticide Monitoring Project. 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 60 indicates a weighted-bottle sample, 8030 indicates a grab sample at water supply tap (untreated water).

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 25.5°C, Aug. 4, 5, 2006; minimum (water years 1998-99, 2002-06), 0.0°C, Jan. 19, 1999, and may have also occurred during period of missing record January 1999.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 25.5°C, Aug. 4, 5; minimum, 1.0°C, Jan. 18, Mar. 21.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 1 of 7

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

Date	Time	Sampling method, code (82398)	1-Naphthol, water, fltrd 0.7u GF ug/L (49295)	2,6-Diethylaniline water, fltrd 0.7u GF ug/L (82660)	2-[(2-Ethyl-6methyl phenyl) amino]2 oxoESA ug/L (62850)	2Chloro-2',6'-diethyl acetanilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	2-Ethyl-6-methylaniline water, fltrd, ug/L (61620)	3,4-Dichloroaniline water, fltrd, ug/L (61625)	4-Chloro-2methyl phenol, water, fltrd, ug/L (61633)	Acetochlor ESA, water, fltrd 0.7u GF ug/L (61029)	Acetochlor OA, water, fltrd 0.7u GF ug/L (61030)	Acetochlor SAA, water, fltrd, ug/L (62847)
May													
24...	1020	8030	<.09	<.006	<.02	<.006	<.014	<.010	<.004	<.005	<.02	<.02	<.02
Jul													
31...	1120	60	<.09	<.006	<.02	<.006	E.007	<.010	<.004	<.005	<.02	<.02	<.02
Sep													
20...	1100	8030	<.09	<.006	<.02	<.006	E.006	<.010	<.004	<.005	<.02	<.02	<.02

01362230 DIVERSION FROM SCHOHARIE RESERVOIR, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 2 of 7
[Remark codes: <, less than; E, estimated.]

Date	Acetochlor, water, fltrd, ug/L (49260)	Alachlor ESA SA, water, fltrd, ug/L (62849)	Alachlor ESA, water, fltrd 0.7u GF ug/L (50009)	Alachlor OA, water, fltrd 0.7u GF ug/L (61031)	Alachlor SAA, water, fltrd, ug/L (62848)	Alachlor, water, fltrd, ug/L (46342)	Atrazine, water, fltrd, ug/L (39632)	Azinphosmethyl oxon, water, fltrd, ug/L (61635)	Azinphosmethyl, water, fltrd 0.7u GF ug/L (82686)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Chlorpyrifos oxon, water, fltrd, ug/L (61636)	Chlorpyrifos water, fltrd, ug/L (38933)
May													
24...	<.006	<.02	<.02	<.02	<.02	<.005	<.007	<.04	<.050	<.010	E.007	<.06	<.005
Jul													
31...	<.006	<.02	<.02	<.02	<.02	<.005	E.007	<.04	<.050	<.010	E.008	<.06	<.005
Sep													
20...	<.006	<.02	<.02	<.02	<.02	<.005	E.004	<.04	<.050	<.010	<.041	<.06	<.005

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 3 of 7
[Remark codes: <, less than; E, estimated.]

Date	cis-Permethrin water fltrd 0.7u GF ug/L (82687)	Cyfluthrin, water, fltrd, ug/L (61585)	Cypermethrin water, fltrd, ug/L (61586)	DCPA, water, fltrd 0.7u GF ug/L (82682)	Desulfinyl fipronil, water, fltrd, ug/L (62170)	Diazinon, water, fltrd, ug/L (39572)	Dicrotophos, water, fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Dimethenamid ESA, water, fltrd, ug/L (61951)	Dimethenamid OA, water, fltrd, ug/L (62482)	Dimethenamid water, fltrd, ug/L (61588)	Dimethoate, water, fltrd 0.7u GF ug/L (82662)	Ethion monoxon water, fltrd, ug/L (61644)
May													
24...	<.006	<.053	<.046	<.003	<.012	<.005	<.08	<.009	<.02	<.02	<.02	<.006	<.02
Jul													
31...	<.006	<.053	<.046	<.003	<.012	<.005	<.08	<.009	<.02	<.02	<.02	<.006	<.02
Sep													
20...	<.006	<.053	<.046	<.003	<.012	<.005	<.08	<.009	<.02	<.02	<.02	<.006	<.02

01362230 DIVERSION FROM SCHOHARIE RESERVOIR, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 4 of 7
[Remark codes: <, less than; E, estimated.]

Date	Ethion, water, fltrd, ug/L (82346)	Fenamiphos sulfone water, fltrd, ug/L (61645)	Fenamiphos sulfoxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)	Desulfinylfipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Flufenacet ESA, water, fltrd, ug/L (61952)	Flufenacet OA, water, fltrd, ug/L (62483)	Flufenacet, water, fltrd, ug/L (62481)	Fonofos water, fltrd, ug/L (04095)	Hexazinone, water, fltrd, ug/L (04025)
May													
24...	<.016	<.053	<.04	<.03	<.029	<.013	<.024	<.016	<.02	<.02	<.02	<.005	<.026
Jul													
31...	<.016	<.053	<.04	<.03	<.029	<.013	<.024	<.016	<.02	<.02	<.02	<.005	<.026
Sep													
20...	<.016	<.053	<.04	<.03	<.029	<.013	<.024	<.016	<.02	<.02	<.02	<.005	<.026

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 5 of 7
[Remark codes: <, less than; E, estimated.]

Date	Iprodione, water, fltrd, ug/L (61593)	Isofenphos, water, fltrd, ug/L (61594)	Malaoxon, water, fltrd, ug/L (61652)	Malathion, water, fltrd, ug/L (39532)	Metalaxyl, water, fltrd, ug/L (61596)	Methialthion water, fltrd, ug/L (61598)	Methyl paraoxon, water, fltrd, ug/L (61664)	Methyl parathion, water, fltrd 0.7u GF ug/L (82667)	Metolachlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metolachlor OA, water, fltrd 0.7u GF ug/L (61044)	Metolachlor, water, fltrd, ug/L (39415)	Metribuzin, water, fltrd, ug/L (82630)	Myclobutanil water, fltrd, ug/L (61599)
May													
24...	<.026	<.011	<.039	<.027	<.007	<.009	<.02	<.015	<.02	<.02	E.004	<.028	<.033
Jul													
31...	<.026	<.011	<.039	<.027	<.007	<.009	<.02	<.015	<.02	<.02	E.007	<.028	<.033
Sep													
20...	<.026	<.011	<.039	<.027	<.007	<.009	<.02	<.015	<.02	<.02	<.006	<.028	<.033

01362230 DIVERSION FROM SCHOHARIE RESERVOIR, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 6 of 7
[Remark codes: <, less than; E, estimated.]

Date	Pendimethalin, water, fltrd 0.7u GF ug/L (82683)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water, fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Prometon, water, fltrd, ug/L (04037)	Prometryn, water, fltrd, ug/L (04036)	Propyzamide, water, fltrd 0.7u GF ug/L (82676)	Propachlor ESA, water, fltrd 0.7u GF ug/L (62766)	Propachlor OA, water, fltrd 0.7u GF ug/L (62767)	Simazine, water, fltrd, ug/L (04035)	Tebuthiuron water, fltrd 0.7u GF ug/L (82670)	Terbufos oxon sulfone water, fltrd, ug/L (61674)
May													
24...	<.022	<.03	<.055	--	--	<.01	<.006	<.004	<.05	<.02	<.005	<.02	<.04
Jul													
31...	<.022	<.03	<.055	<.05	<.008	<.01	<.006	<.004	<.05	<.02	<.005	<.02	<.04
Sep													
20...	<.022	<.03	<.055	<.05	<.008	<.01	<.006	<.004	<.05	<.02	<.005	<.02	<.04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 7 of 7
[Remark codes: <, less than; E, estimated.]

Date	Terbufos, water, fltrd 0.7u GF ug/L (82675)	Terbuthylazine, water, fltrd, ug/L (04022)	Tribuphos, water, fltrd, ug/L (61610)	Trifluralin, water, fltrd 0.7u GF ug/L (82661)	Dichlorvos, water, fltrd, ug/L (38775)
May					
24...	<.02	<.01	<.035	<.009	<.01
Jul					
31...	<.02	<.01	<.035	<.009	<.01
Sep					
20...	<.02	<.01	<.035	<.009	<.01

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 1 of 5
[Remark codes: <, less than.]

Date	Time	Sampling method, code (82398)	2,4-D methyl ester, water, fltrd, ug/L (50470)	2,4-D, water, fltrd, ug/L (39732)	2,4-DB, water, fltrd 0.7u GF ug/L (38746)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	OIET, water, fltrd, ug/L (50355)	3-Hydroxy carbofuran, wat flt 0.7u GF ug/L (49308)	Acifluorfen, water, fltrd 0.7u GF ug/L (49315)	Aldicarb sulfone water, fltrd 0.7u GF ug/L (49313)	Aldicarb sulfoxide, wat flt 0.7u GF ug/L (49314)	Aldicarb, water, fltrd 0.7u GF ug/L (49312)
Jul													
31...	1125	60	<.190	<.04	<.02	<.03	<.08	<.032	<.008	<.028	<.02	<.100	<.15

01362230 DIVERSION FROM SCHOHARIE RESERVOIR, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 2 of 5
[Remark codes: <, less than.]

Date	Atrazine, water, fltrd, ug/L (39632)	Bendiocarb, water, fltrd, ug/L (50299)	Benomyl water, fltrd, ug/L (50300)	Bensulfuron-methyl, water, fltrd, ug/L (61693)	Bentazon, water, fltrd 0.7u GF ug/L (38711)	Bromacil, water, fltrd, ug/L (04029)	Bromoxynil, water, fltrd 0.7u GF ug/L (49311)	Caffeine, water, fltrd, ug/L (50305)	Carbaryl, water, fltrd 0.7u GF ug/L (49310)	Carbofuran, water, fltrd 0.7u GF ug/L (49309)	Chloramben methyl ester, water, fltrd, ug/L (61188)	Chlorimuron, water, fltrd, ug/L (50306)
Jul 31...	<.008	<.08	<.022	<.02	<.02	<.02	<.04	<.018	<.02	<.016	<.02	<.032

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 3 of 5
[Remark codes: <, less than.]

Date	Chloro-di-amino-s-tri-azine, wat flt ug/L (04039)	Clopyralid, water, fltrd 0.7u GF ug/L (49305)	Cyclo-ate, water, fltrd, ug/L (04031)	Dacthal mono-acid, water, fltrd 0.7u GF ug/L (49304)	Dicamba water, fltrd 0.7u GF ug/L (38442)	Di-chlor-prop, water, fltrd 0.7u GF ug/L (49302)	Dinoseb water, fltrd 0.7u GF ug/L (49301)	Diphen-amid, water, fltrd, ug/L (04033)	Diuron, water, fltrd 0.7u GF ug/L (49300)	Fenuron water, fltrd 0.7u GF ug/L (49297)	Flumet-sulam, water, fltrd, ug/L (61694)	Fluometuron water, fltrd 0.7u GF ug/L (38811)	Imazaquin, water, fltrd, ug/L (50356)
Jul 31...	<.04	<.07	<.01	<.03	<.04	<.03	<.04	<.01	<.02	<.10	<.04	<.02	<.04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 4 of 5
[Remark codes: <, less than.]

Date	Imazethapyr, water, fltrd, ug/L (50407)	Imidacloprid water, fltrd, ug/L (61695)	Linuron water, fltrd 0.7u GF ug/L (38478)	MCPA, water, fltrd 0.7u GF ug/L (38482)	MCPB, water, fltrd 0.7u GF ug/L (38487)	Metalaxyl, water, fltrd, ug/L (50359)	Methiocarb, water, fltrd 0.7u GF ug/L (38501)	Methomyl, water, fltrd 0.7u GF ug/L (49296)	Metsulfuron, water, fltrd, ug/L (61697)	N-(4-Chlorophenyl)-N'-methylurea, ug/L (61692)	Neburon water, fltrd 0.7u GF ug/L (49294)	Nicosulfuron, water, fltrd, ug/L (50364)	Norflurazon, water, fltrd 0.7u GF ug/L (49293)
Jul 31...	<.04	<.020	<.01	<.07	<.10	<.03	<.034	<.070	<.07	<.04	<.01	<.04	<.02

01362230 DIVERSION FROM SCHOHARIE RESERVOIR, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
Part 5 of 5
[Remark codes: <, less than.]

Date	Oryzalin, water, fltrd 0.7u GF ug/L (49292)	Oxamyl, water, fltrd 0.7u GF ug/L (38866)	Picloram, water, fltrd 0.7u GF ug/L (49291)	Propham water, fltrd 0.7u GF ug/L (49236)	Propiconazole, water, fltrd, ug/L (50471)	Propoxur, water, fltrd 0.7u GF ug/L (38538)	Siduron water, fltrd, ug/L (38548)	Sulfometruron, water, fltrd, ug/L (50337)	Tebuthiuron water, fltrd 0.7u GF ug/L (82670)	Terbacil, water, fltrd, ug/L (04032)
Jul										
31...	<.02	<.05	<.03	<.030	<.01	<.008	<.02	<.090	<.026	<.026

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		October			November			December			January	
1	16.5	13.5	14.5	8.5	7.5	8.0	6.5	6.0	6.5	2.0	2.0	2.0
2	16.5	13.5	14.5	8.5	8.0	8.5	6.5	6.5	6.5	2.0	2.0	2.0
3	16.5	13.5	15.0	8.5	8.0	8.5	6.5	6.0	6.0	2.0	1.5	2.0
4	17.0	13.5	15.0	8.0	7.5	8.0	6.0	5.5	5.5	2.0	1.5	1.5
5	17.0	13.0	15.0	8.0	8.0	8.0	5.5	4.5	5.0	2.0	1.5	2.0
6	15.5	13.5	14.5	8.5	8.0	8.0	5.0	4.5	4.5	2.0	1.5	2.0
7	15.5	11.5	14.0	8.5	8.0	8.0	5.0	3.5	4.0	1.5	1.5	1.5
8	16.5	12.5	16.0	8.5	8.0	8.5	4.5	3.5	4.0	2.0	1.5	2.0
9	16.5	15.0	16.0	8.5	8.5	8.5	4.5	4.0	4.0	2.0	1.5	1.5
10	15.0	13.5	13.5	8.5	8.0	8.5	4.0	3.5	4.0	2.0	1.5	1.5
11	14.0	13.5	13.5	8.5	8.0	8.5	4.0	4.0	4.0	2.0	1.5	2.0
12	14.0	14.0	14.0	8.0	7.5	8.0	4.0	3.0	3.5	2.0	1.5	2.0
13	14.0	13.5	14.0	8.0	7.5	7.5	3.5	3.0	3.5	2.0	2.0	2.0
14	13.5	12.5	12.5	8.0	7.5	7.5	3.5	3.0	3.5	2.5	2.0	2.0
15	13.0	12.5	13.0	8.0	7.5	8.0	3.5	3.0	3.5	2.5	2.0	2.5
16	13.0	12.5	12.5	8.0	7.5	8.0	3.5	3.0	3.0	2.0	1.5	2.0
17	12.5	12.5	12.5	8.0	8.0	8.0	3.0	3.0	3.0	2.0	1.5	1.5
18	12.5	12.0	12.0	8.0	7.5	8.0	3.0	2.5	3.0	2.0	1.0	2.0
19	12.0	12.0	12.0	7.5	7.5	7.5	3.0	2.5	2.5	2.0	1.5	2.0
20	12.0	12.0	12.0	7.5	7.0	7.5	2.5	2.5	2.5	2.0	1.5	2.0
21	12.0	11.5	12.0	7.5	7.0	7.0	2.5	2.0	2.5	2.0	2.0	2.0
22	11.5	11.0	11.5	7.0	7.0	7.0	3.0	2.5	2.5	2.0	2.0	2.0
23	11.5	10.5	11.5	7.0	6.5	7.0	3.0	2.5	2.5	2.0	2.0	2.0
24	10.5	10.5	10.5	6.5	6.0	6.5	3.0	2.5	3.0	2.0	2.0	2.0
25	10.5	10.0	10.0	6.5	5.5	5.5	2.5	2.5	2.5	2.0	2.0	2.0
26	10.5	8.5	9.5	6.0	5.0	5.5	2.5	2.5	2.5	2.0	2.0	2.0
27	9.5	8.5	9.0	5.5	5.0	5.5	2.5	2.0	2.0	2.0	1.5	2.0
28	8.5	8.0	8.0	5.5	5.0	5.5	2.5	2.0	2.0	2.0	2.0	2.0
29	8.5	8.0	8.0	5.0	4.5	5.0	2.5	2.0	2.5	2.0	2.0	2.0
30	9.0	8.5	8.5	7.0	5.0	6.0	3.0	1.5	2.5	2.0	2.0	2.0
31	9.0	7.5	8.0	---	---	---	2.0	1.5	2.0	2.0	2.0	2.0
Month	17.0	7.5	12.3	8.5	4.5	7.4	6.5	1.5	3.5	2.5	1.0	1.9

01362230 DIVERSION FROM SCHOHARIE RESERVOIR, NY—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		February			March			April			May	
1	2.0	2.0	2.0	2.0	2.0	2.0	9.0	6.0	8.0	12.0	9.5	10.5
2	2.0	2.0	2.0	2.0	2.0	2.0	9.0	6.5	8.0	12.0	10.5	11.5
3	2.0	2.0	2.0	2.0	2.0	2.0	8.5	5.5	6.5	13.0	11.0	12.0
4	2.0	2.0	2.0	2.0	2.0	2.0	6.5	5.0	6.0	14.5	11.5	12.5
5	2.5	2.0	2.0	2.0	2.0	2.0	6.0	3.0	4.5	15.5	13.0	14.5
6	2.5	2.0	2.5	2.0	2.0	2.0	5.5	4.0	4.5	15.5	11.0	13.0
7	2.5	2.0	2.5	2.0	2.0	2.0	6.0	3.5	4.5	14.0	12.5	13.5
8	2.0	2.0	2.0	2.0	2.0	2.0	6.5	5.5	6.0	14.0	11.0	12.5
9	2.0	2.0	2.0	2.0	2.0	2.0	7.5	3.0	5.0	13.5	11.5	12.0
10	2.0	2.0	2.0	2.0	2.0	2.0	8.5	5.0	6.5	15.0	13.0	13.5
11	2.0	2.0	2.0	2.5	2.0	2.0	8.5	6.0	7.0	15.0	10.5	13.0
12	2.0	2.0	2.0	2.5	2.0	2.0	10.0	7.0	8.0	12.5	10.0	11.0
13	2.0	2.0	2.0	2.5	2.0	2.0	11.5	9.0	10.0	13.5	10.5	11.5
14	2.0	1.5	2.0	3.0	2.5	2.5	11.0	9.5	9.5	13.0	12.5	13.0
15	2.0	1.5	1.5	3.0	2.5	3.0	13.5	9.0	10.5	13.0	12.0	12.5
16	2.0	1.5	2.0	2.5	2.5	2.5	13.5	10.0	11.0	12.5	12.0	12.5
17	2.0	1.5	2.0	2.5	2.0	2.5	11.5	8.5	9.5	12.5	11.0	11.5
18	2.0	1.5	1.5	2.5	2.0	2.0	12.5	8.5	10.0	12.0	11.5	12.0
19	1.5	1.5	1.5	2.0	1.5	2.0	13.5	10.0	11.5	13.0	11.5	12.0
20	2.0	1.5	1.5	2.0	1.5	2.0	14.5	10.5	12.0	13.0	11.5	12.0
21	2.0	2.0	2.0	2.0	1.0	1.5	14.5	11.0	12.5	12.5	11.5	12.0
22	2.0	1.5	2.0	2.0	1.5	1.5	12.5	8.0	10.0	12.0	12.0	12.0
23	2.0	2.0	2.0	2.0	1.5	1.5	8.0	6.5	7.0	12.0	11.5	12.0
24	2.0	2.0	2.0	2.5	2.0	2.0	8.5	7.0	7.5	12.0	11.5	11.5
25	2.0	2.0	2.0	3.5	2.5	2.5	9.0	8.0	8.5	12.0	11.0	11.5
26	2.0	2.0	2.0	4.0	3.0	3.5	9.0	8.0	8.5	12.5	11.5	12.0
27	2.0	2.0	2.0	4.5	3.0	3.5	9.5	8.5	9.0	14.0	12.5	13.0
28	2.0	2.0	2.0	5.0	3.5	4.0	10.0	9.0	9.5	14.0	12.5	13.5
29	---	---	---	5.5	3.5	4.5	10.5	10.0	10.0	16.0	12.5	14.0
30	---	---	---	6.5	4.5	5.5	11.5	9.5	10.5	16.5	13.0	14.5
31	---	---	---	7.5	5.0	6.0	---	---	---	16.5	14.0	15.0
Month	2.5	1.5	2.0	7.5	1.0	2.5	14.5	3.0	8.4	16.5	9.5	12.5

01362230 DIVERSION FROM SCHOHARIE RESERVOIR, NY—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
		June			July			August			September	
1	16.0	14.5	15.5	17.0	16.5	16.5	24.0	21.5	22.5	20.0	17.0	18.5
2	17.0	14.5	15.5	17.0	16.0	16.5	24.5	22.5	23.5	19.0	16.0	17.5
3	16.5	15.5	16.0	17.5	17.0	17.0	25.0	22.0	23.5	17.5	15.5	16.5
4	16.0	15.0	15.5	17.5	17.0	17.0	25.5	22.5	23.5	17.5	16.0	16.5
5	15.5	14.0	15.0	17.5	17.0	17.5	25.5	21.5	23.0	17.5	16.0	16.5
6	14.5	14.0	14.5	18.5	17.0	17.5	25.0	19.0	21.0	18.0	16.0	17.0
7	15.5	14.5	15.0	18.0	17.0	17.5	22.0	18.5	20.5	19.5	16.5	18.0
8	15.5	13.5	14.5	18.0	17.0	17.5	24.5	22.0	23.5	19.5	17.0	18.0
9	14.0	13.5	14.0	18.0	17.5	17.5	24.5	20.5	22.5	19.5	17.5	18.0
10	15.0	13.5	14.0	18.0	17.5	18.0	24.0	18.0	21.0	19.5	17.5	18.5
11	14.5	14.0	14.5	18.5	17.5	18.0	23.0	21.5	22.0	19.5	17.0	18.0
12	14.5	13.5	14.0	18.5	17.5	18.0	22.5	18.0	20.0	18.5	15.5	17.0
13	14.5	13.5	14.0	19.0	18.0	18.5	21.0	14.5	18.0	18.5	16.0	17.0
14	14.0	13.5	13.5	19.5	17.5	18.5	19.5	13.0	16.5	16.5	15.5	15.5
15	15.5	14.0	14.5	19.0	18.0	18.5	21.0	15.5	17.5	16.5	15.0	15.5
16	15.0	13.5	14.0	19.5	18.0	19.0	22.0	17.5	20.0	19.0	15.0	16.5
17	14.5	13.5	14.0	20.0	18.0	19.0	24.5	16.0	20.0	19.0	16.5	18.0
18	15.0	14.0	14.5	20.0	18.5	19.0	24.5	18.0	20.5	19.0	17.0	17.5
19	15.0	13.5	14.5	20.5	19.0	19.5	21.0	18.5	19.5	18.0	17.0	17.5
20	15.5	14.0	14.5	21.0	19.0	20.0	21.0	20.0	20.5	17.5	16.5	17.0
21	15.5	14.0	14.5	21.0	20.0	20.5	21.5	19.5	20.5	17.0	15.5	16.5
22	15.5	14.5	15.0	22.0	20.0	21.0	22.0	18.5	20.5	17.0	14.0	15.0
23	15.5	14.5	15.0	22.0	20.5	21.0	22.5	20.0	21.5	16.0	15.0	15.0
24	15.5	14.5	15.5	21.5	20.5	21.0	22.5	19.0	21.0	17.0	16.0	16.5
25	16.0	14.5	15.5	21.5	20.0	20.5	22.5	19.5	20.5	17.0	15.5	16.5
26	17.0	14.5	15.5	22.0	21.0	21.5	21.0	19.0	20.0	17.0	15.5	16.0
27	17.5	15.5	16.5	22.0	20.0	21.0	20.0	16.5	18.0	16.5	14.0	15.0
28	17.5	15.5	16.5	22.5	20.5	21.5	21.5	16.5	17.5	16.0	14.5	15.0
29	17.0	16.5	16.5	22.5	21.0	22.0	21.5	18.5	20.5	14.5	13.5	14.0
30	17.0	16.5	16.5	23.5	22.0	22.5	19.5	17.0	18.0	13.5	10.5	12.0
31	---	---	---	23.5	21.0	22.0	20.0	17.0	18.5	---	---	---
Month	17.5	13.5	14.9	23.5	16.0	19.2	25.5	13.0	20.5	20.0	10.5	16.5
Year	25.5	1.0	10.2									