Water-Data Report 2008

01374674 MICHAEL BROOK NEAR CARMEL, NY

Lower Hudson Basin
Lower Hudson Subbasin

LOCATION.--Lat 41°24'25.6", long 73°39'47.6" referenced to North American Datum of 1983, Putnam County, NY, Hydrologic Unit 02030101, at bridge on Kelly Road, about 0.4 mi upstream from mouth, and about 1.8 mi southeast of Carmel.

DRAINAGE AREA.--2.94 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous measurements--2000 to current year.

DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Date	Discharge, in ft^3/s
Dec 12, 2007	4.41
Jan 24, 2008	6.30
Mar 17, 2008	10.3
May 7, 2008	5.14
Jun 11, 2008	2.60
Jul 14, 2008	4.42
Sep 17, 2008	4.18

WATER-QUALITY RECORDS

PERIOD OF RECORD.--
PESTICIDE DATA: 2000-08 (a).

REMARKS.--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 15 indicates an equal-width increment, non-isokinetic sample.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 6

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

Date	Time	Instantaneous discharge, ft3/s (00061)	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)
Jun													
11...	1400	2.6	<.04	<.006	<.010	E.017	<.010	E.009	E.011	<.008	<.017	.016	<.04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 6

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

Date	Azinphosmethyl, water, fltrd 0.7u GF µg/L (82686)	Benfluralin, water, fltrd 0.7u GF µg/L (82673)	Carbaryl, water, fltrd 0.7u GF µg/L (82680)	Chlorpyrifos oxon, water, fltrd, µg/L (61636)	Chlorpyrifos water, fltrd, µg/L (38933)	cis-Permethrin water fltrd 0.7u GF µg/L (82687)	Cyfluthrin, water, fltrd, µg/L (61585)	Cypermethrin water, fltrd, µg/L (61586)	DCPA, water, fltrd 0.7u GF µg/L (82682)	Desulfinylfipronil, water, fltrd, µg/L (62170)	Diazinon, water, fltrd, µg/L (39572)	Dicrotophos, water, fltrd, µg/L (38454)	Dieldrin, water, fltrd, µg/L (39381)
Jun													
11...	<.120	<.010	<.060	<.06	<.007	<.010	<.016	<.014	<.003	E.006	<.005	<.08	<.009

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 3 of 6

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

Date	Dimethoate, water, fltrd 0.7u GF µg/L (82662)	Ethion monoxon water, fltrd, µg/L (61644)	Ethion, water, fltrd, µg/L (82346)	Fenamiphos sulfone water, fltrd, µg/L (61645)	Fenamiphos sulfoxide, water, fltrd, µg/L (61646)	Fenamiphos, water, fltrd, µg/L (61591)	Desulfinylfipronil amide, wat flt µg/L (62169)	Fipronil sulfide water, fltrd, µg/L (62167)	Fipronil sulfone water, fltrd, µg/L (62168)	Fipronil, water, fltrd, µg/L (62166)	Fonofos water, fltrd, µg/L (04095)	Hexazinone, water, fltrd, µg/L (04025)	Iprodione, water, fltrd, µg/L (61593)
Jun													
11...	<.006	<.03	<.006	<.053	<.20	<.03	<.029	E.007	<.024	E.012	<.010	<.008	<.01

01374674 MICHAEL BROOK NEAR CARMEL, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 4 of 6
[Remark codes: <, less than; E, estimated.]

Date	Isofenphos, water, fltrd, µg/L (61594)	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)
Jun													
11...	<.008	<.020	<.016	<.017	<.004	<.01	<.008	E.008	<.012	<.010	<.012	<.03	<.040

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 5 of 6
[Remark codes: <, less than; E, estimated.]

Date	Phosmet oxon, water, fltrd, µg/L (61668)	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)	Tribuphos, water, fltrd, µg/L (61610)	Trifluralin, water, fltrd 0.7u GF µg/L (82661)	Dichlorvos, water, fltrd, µg/L (38775)
Jun													
11...	<.05	<.008	.01	<.006	<.006	<.007	<.02	<.09	<.02	<.01	<.036	<.009	<.01

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 6 of 6
[Remark codes: <, less than; E, estimated.]

Date	Sampling method, code (82398)
Jun	
11...	15

01374674 MICHAEL BROOK NEAR CARMEL, NY—Continued

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

Date	Time	Instantaneous discharge, ft3/s (00061)	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)
Jun													
11...	1405	2.6	<.040	<.02	<.02	<.06	<.08	<.040	<.040	<.040	<.08	<.060	<.12

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

Date	Atrazine, water, fltrd, µg/L (39632)	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)
Jun													
11...	E.001	35.4	<.04	<.040	<.06	<.04	<.02	<.12	E.033	<.04	<.020	<.10	<.080

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

Date	Cycloate, water, fltrd, µg/L (04031)	Dacthal monoacid, 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)
Jun													
11...	<.02	<.02	<.04	<.02	<.04	<.04	<.04	<.04	<.06	<.04	E.02	<.04	<.060

01374674 MICHAEL BROOK NEAR CARMEL, NY—Continued

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

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)
Jun													
11...	<.02	.47	<.06	<.02	<.040	<.120	<.14	<.12	<.02	<.10	<.02	<.04	<.12

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

Date	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)
Jun									
11...	<.040	<.04	<.040	<.02	<.060	<.040	<.040	.08	15