01302050 ALLEY CREEK NEAR OAKLAND GARDENS, NY

LOCATION.--Lat 40°45'21", long 73°44'47", Queens County, Hydrologic Unit 02030201, on right bank just upstream from Cross Island Parkway entrance ramp, at upstream side of 8- x 9-foot concrete culvert in Alley Pond Park, about 4.0 mi northeast of Oakland Gardens.

DRAINAGE AREA.--About 1.6 mi^2.

PERIOD OF RECORD.--June 1993 to current year.

GAGE.--Water-stage recorder. Datum of gage is 5.26 ft above NGVD of 1929.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Satellite gage-height telemeter at station. Water-quality data included in this report.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 354 ft^3/s, Oct. 19, 1996, gage height, 5.09 ft, from rating curve extended above 60 ft^3/s; maximum gage height, 6.17 ft, Oct. 19, 1996, result of high tide; minimum discharge, 0.66 ft^3/s, for part or all of many days 1995-97, Mar. 27, 2003 result of regulation.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 71 ft^3/s, June 14, gage height, 2.38 ft; maximum gage height, 2.95 ft, backwater from high tide; minimum discharge, 0.66 ft^3/s, Mar. 27, gage height, 0.18 ft, result of regulation.

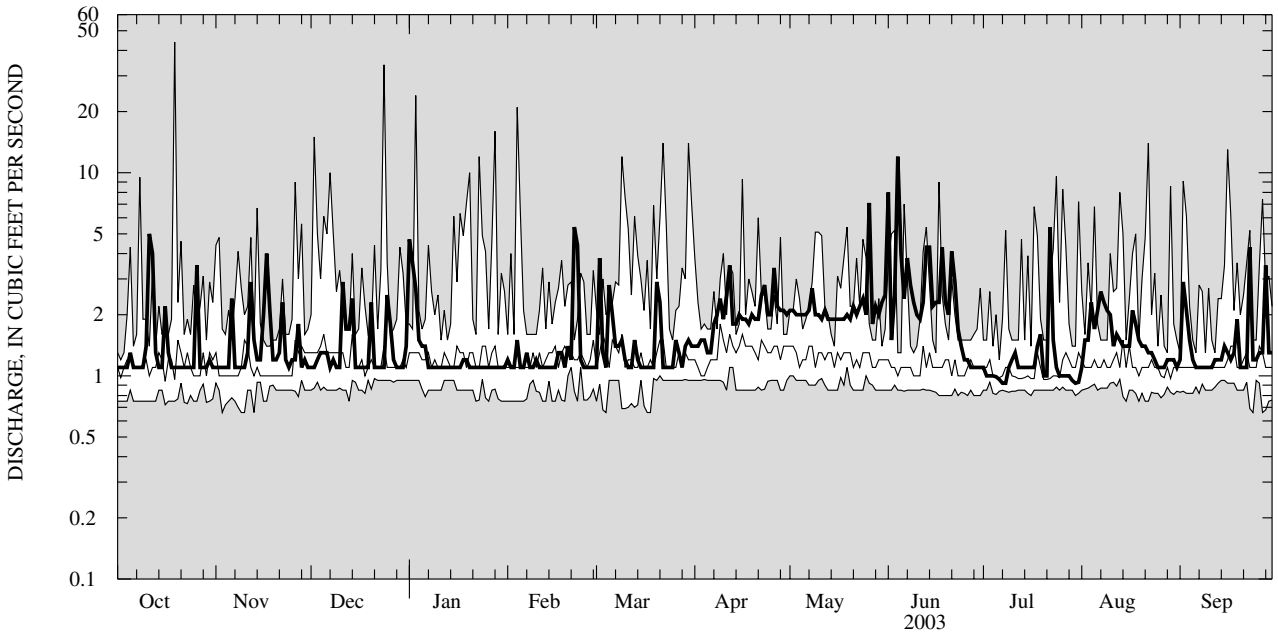
DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	1.1	1.1	4.7	1.2	1.1	1.4	2.1	8.0	1.1	1.1	1.2
2	1.1	1.1	1.1	3.6	1.1	3.8	1.4	2.1	1.5	1.0	1.5	2.9
3	1.1	1.1	1.2	2.7	1.1	1.3	1.5	2.0	2.5	1.0	1.5	2.1
4	1.1	1.1	1.3	1.5	1.5	1.1	1.5	2.0	12	1.0	2.3	1.5
5	1.3	1.1	1.3	1.4	1.1	2.8	1.3	2.0	4.0	0.99	1.7	1.2
6	1.1	2.4	1.3	1.4	1.1	2.0	1.3	2.0	2.4	0.96	2.1	1.1
7	1.1	1.1	1.1	1.1	1.3	1.4	1.8	2.1	3.8	0.92	2.6	1.1
8	1.1	1.1	1.2	1.1	1.1	1.4	2.0	2.7	2.8	0.92	2.3	1.1
9	1.1	1.1	1.1	1.1	1.1	1.5	2.4	2.0	2.3	1.1	2.1	1.1
10	1.4	1.1	1.1	1.1	1.2	1.2	1.9	2.0	2.0	1.2	2.0	1.1
11	e5.0	1.3	2.9	1.1	1.1	1.1	2.5	1.9	1.9	1.3	1.4	1.1
12	e4.0	2.9	1.7	1.1	1.1	1.1	3.5	2.1	2.3	1.1	1.6	1.2
13	1.3	1.5	1.7	1.1	1.1	1.5	1.8	1.9	4.3	1.1	1.5	1.2
14	1.1	1.2	e2.4	1.1	1.1	1.2	1.8	1.9	4.3	1.1	1.4	1.2
15	1.1	1.2	1.1	1.1	1.1	1.1	2.0	1.9	2.2	1.1	1.4	1.4
16	e2.2	2.0	1.1	1.1	1.1	1.1	1.9	1.9	e2.3	1.1	1.4	1.3
17	1.3	e4.0	1.1	1.1	1.3	1.1	1.9	1.9	2.3	1.1	2.1	1.2
18	1.1	2.1	1.1	1.2	1.3	1.1	1.8	1.9	4.3	1.4	1.8	1.3
19	1.1	1.2	1.1	1.2	1.1	1.1	2.0	2.0	2.3	1.6	1.5	1.9
20	1.1	1.2	2.3	1.1	1.4	2.9	1.9	1.9	2.0	1.0	1.4	1.1
21	1.1	1.3	1.1	1.1	1.2	2.3	1.9	2.2	4.1	1.0	1.4	1.1
22	1.1	2.3	1.1	1.1	e5.4	1.1	2.5	2.0	2.9	5.4	1.3	1.1
23	1.1	1.2	1.1	1.1	4.4	1.1	2.8	2.2	1.7	1.5	1.3	4.3
24	1.1	1.1	1.1	1.1	1.2	1.1	2.0	2.4	1.4	1.1	1.2	1.2
25	1.1	1.2	e2.5	1.1	1.1	1.1	2.0	2.0	1.2	1.0	1.1	1.2
26	e3.5	1.2	1.8	1.1	1.1	1.5	3.4	7.1	1.2	1.0	1.1	1.3
27	1.1	1.8	1.2	1.1	1.1	1.3	2.2	1.8	1.1	1.0	1.1	1.3
28	1.1	1.1	1.1	1.1	1.1	1.1	2.1	2.2	1.1	1.0	1.2	e3.5
29	1.1	1.2	1.1	1.1	---	1.4	2.1	2.0	1.1	0.95	1.2	1.3
30	1.2	1.1	1.1	1.1	---	1.5	2.0	2.3	1.1	0.92	1.2	1.3
31	1.1	---	1.4	1.1	---	1.4	---	2.5	---	0.93	1.1	---
TOTAL	45.4	44.4	42.9	43.0	40.1	45.8	60.6	69.0	86.4	37.89	47.9	44.9
MEAN	1.46	1.48	1.38	1.39	1.43	1.48	2.02	2.23	2.88	1.22	1.55	1.50
MAX	5.0	4.0	2.9	4.7	5.4	3.8	3.5	7.1	12	5.4	2.6	4.3
MIN	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.8	1.1	0.92	1.1	1.1
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2003, BY WATER YEAR (WY)												
MEAN	1.40	1.36	1.58	1.61	1.44	1.64	1.54	1.51	1.43	1.29	1.40	1.41
MAX	2.91	1.83	2.30	2.49	1.98	2.90	2.02	2.23	2.88	1.62	1.73	1.71
(WY)	(1997)	(1998)	(1997)	(1999)	(1998)	(2001)	(2003)	(2003)	(2003)	(1997)	(1997)	(1999)
MIN	0.93	0.96	1.02	1.18	0.93	1.07	1.04	0.98	0.94	0.93	0.95	1.10
(WY)	(2002)	(2002)	(1996)	(1997)	(1996)	(1995)	(1995)	(1995)	(1995)	(1993)	(1995)	(1995)

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1993 - 2003	
ANNUAL TOTAL	470.36		608.29			
ANNUAL MEAN	1.29		1.67		1.48	
HIGHEST ANNUAL MEAN					1.76	1998
LOWEST ANNUAL MEAN					1.19	2002
HIGHEST DAILY MEAN	9.1	Sep 2	12	Jun 4	44	Oct 19, 1996
LOWEST DAILY MEAN	0.91	Jul 2	0.92	Jul 7	0.66	Sep 24, 1995
ANNUAL SEVEN-DAY MINIMUM	0.94	Jul 20	0.97	Jul 2	0.73	Sep 27, 1995
10 PERCENT EXCEEDS	1.7		2.5		2.1	
50 PERCENT EXCEEDS	1.1		1.2		1.2	
90 PERCENT EXCEEDS	1.0		1.1		0.91	

e Estimated

01302050 ALLEY CREEK NEAR OAKLAND GARDENS, NY—Continued



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.

01302125 GABBLERS CREEK AT LITTLE NECK, NY

LOCATION.--Lat 40°46'25", long 73°44'39", Queens County, Hydrologic Unit 02030201, on left bank just downstream from Sandyhill Road, at downstream side of 3-foot concrete culvert in Udalls Park Preserve, in Little Neck.

DRAINAGE AREA.--About 2.2 mi^2.

PERIOD OF RECORD.--December 1998 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 9.00 ft above sea NGVD of 1929, from topographic map.

REMARKS.--Records poor. Water-quality data included in this report.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 76 ft^3/s, Jan. 3, 1999, gage height, 3.35 ft, from flood marks, from rating curve extended above 30 ft^3/s; minimum 0.03 ft^3/s, part or all of each day Nov.12, 29, Dec. 5-9, 2001; minimum gage height, 0.33 ft, Sept. 6, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 48 ft^3/s, June 14, gage height 2.59 ft; minimum, 0.10 ft^3/s, part or all of each day Oct. 10, 11, Nov. 8, Dec. 21, 22; minimum gage height, 0.37 ft, part or all of each day Sept. 2, 5, 6, 8-10, 13, 14.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.13	0.19	0.21	4.5	e0.20	0.21	0.24	0.22	3.1	0.25	0.31	0.28
2	0.13	0.17	0.22	0.72	e0.20	1.8	0.27	0.22	0.27	0.25	0.23	0.87
3	0.13	0.14	0.23	e0.35	e0.20	0.27	0.27	0.22	0.21	0.25	0.16	0.31
4	0.13	0.16	0.25	0.22	e0.30	0.20	0.27	0.21	6.8	0.25	0.64	0.15
5	0.14	0.17	0.25	0.17	e0.20	1.0	0.27	0.20	0.34	0.25	0.26	0.12
6	0.14	0.42	0.27	0.22	e0.20	0.29	0.27	0.20	0.27	0.25	0.19	0.12
7	0.13	0.13	0.25	0.18	e0.25	0.31	0.39	0.22	0.91	0.25	0.25	0.13
8	0.13	0.13	0.32	0.18	e0.20	0.29	0.37	0.29	0.28	0.25	0.58	0.12
9	0.13	0.15	0.36	0.18	e0.20	0.26	0.52	0.20	0.27	0.27	0.67	0.12
10	0.11	0.22	0.41	e0.18	e0.20	0.20	0.32	0.20	0.27	0.23	0.55	0.12
11	1.4	0.41	1.7	e0.18	e0.20	0.20	0.59	0.20	0.40	0.24	0.23	0.13
12	e1.1	1.4	0.19	e0.18	e0.20	0.20	1.4	0.20	0.27	0.22	0.22	0.13
13	0.17	0.21	0.44	e0.18	e0.20	0.25	0.30	0.20	0.70	0.22	0.17	0.13
14	0.17	0.13	0.42	e0.18	e0.20	0.26	0.27	0.20	0.42	0.22	0.14	0.21
15	0.17	0.14	0.14	e0.18	e0.20	0.27	0.27	0.21	0.27	0.18	0.23	0.29
16	0.40	0.48	0.14	e0.18	e0.20	0.27	0.27	0.20	0.27	0.14	0.17	0.25
17	0.22	1.9	0.14	e0.18	e0.25	0.27	0.32	0.18	0.27	0.14	0.41	0.25
18	0.17	0.58	0.14	e0.18	e0.25	0.27	0.32	0.15	1.2	0.28	0.34	0.25
19	0.17	0.17	0.14	e0.25	e0.20	0.27	0.32	0.15	0.29	0.23	0.22	0.43
20	0.17	0.16	0.73	e0.20	e0.25	1.2	0.32	0.16	0.27	0.26	0.22	0.28
21	0.16	0.27	0.11	e0.20	e0.20	0.60	0.32	0.19	2.2	0.27	0.22	0.32
22	0.11	0.45	0.11	e0.20	e2.2	0.27	0.48	0.17	0.58	4.0	0.22	0.32
23	0.11	0.16	0.11	e0.20	e1.5	0.27	0.32	0.22	0.27	0.35	0.22	1.0
24	0.11	0.17	0.12	e0.20	e0.30	0.27	0.32	0.26	0.27	0.23	0.22	0.27
25	0.12	0.17	e0.35	e0.20	e0.25	0.27	0.32	0.25	0.27	0.18	0.23	0.26
26	1.6	0.17	0.21	e0.20	0.24	0.36	0.79	4.0	0.25	0.18	0.22	0.27
27	0.16	0.33	0.14	e0.20	0.20	0.27	0.26	0.26	0.25	0.18	0.24	0.35
28	0.15	0.13	0.12	e0.20	0.21	0.27	0.23	0.19	0.25	0.25	0.21	0.75
29	0.18	0.16	0.13	e0.20	---	0.50	0.22	0.17	0.25	0.24	0.27	0.27
30	0.19	0.18	0.15	e0.20	---	0.27	0.22	0.16	0.25	0.18	0.35	0.27
31	0.20	---	0.17	e0.20	---	0.22	---	0.55	---	0.22	0.20	---
TOTAL	8.53	9.65	8.67	10.99	9.40	11.86	11.05	10.45	21.92	10.91	8.79	8.77
MEAN	0.28	0.32	0.28	0.35	0.34	0.38	0.37	0.34	0.73	0.35	0.28	0.29
MAX	1.6	1.9	1.7	4.5	2.2	1.8	1.4	4.0	6.8	4.0	0.67	1.0
MIN	0.11	0.13	0.11	0.17	0.20	0.20	0.22	0.15	0.21	0.14	0.14	0.12

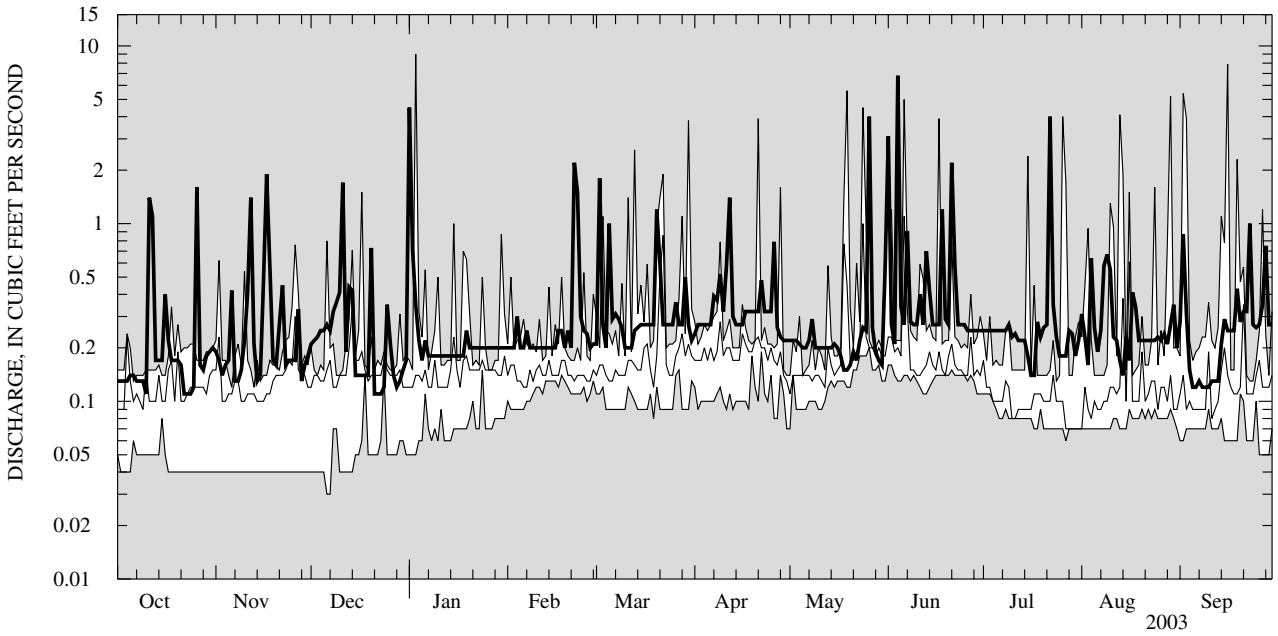
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2003, BY WATER YEAR (WY)

MEAN	0.16	0.18	0.18	0.26	0.20	0.31	0.25	0.30	0.38	0.21	0.27	0.31
MAX	0.28	0.32	0.28	0.48	0.34	0.45	0.37	0.50	0.73	0.41	0.34	0.39
(WY)	(2003)	(2003)	(2003)	(1999)	(2003)	(2001)	(2003)	(1999)	(2003)	(2000)	(2002)	(2000)
MIN	0.045	0.040	0.055	0.089	0.12	0.17	0.16	0.16	0.14	0.081	0.11	0.15
(WY)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2001)	(1999)	(1999)	(1999)	(2001)

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1999 - 2003	
ANNUAL TOTAL	81.04		130.99			
ANNUAL MEAN	0.22		0.36		0.25	
HIGHEST ANNUAL MEAN					0.36	2003
LOWEST ANNUAL MEAN					0.16	2002
HIGHEST DAILY MEAN	5.4	Sep 2	6.8	Jun 4	9.0	Jan 3, 1999
LOWEST DAILY MEAN	0.05	Jan 1	0.11	Oct 10	0.03	Dec 6, 2001
ANNUAL SEVEN-DAY MINIMUM	0.07	Jan 8	0.12	Sep 5	0.04	Dec 1, 2001
10 PERCENT EXCEEDS	0.32		0.53		0.32	
50 PERCENT EXCEEDS	0.12		0.23		0.15	
90 PERCENT EXCEEDS	0.07		0.14		0.07	

e Estimated

01302125 GABBLERS CREEK AT LITTLE NECK, NY—Continued



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.

01303500 COLD SPRING BROOK AT COLD SPRING HARBOR, NY

LOCATION.-Lat 40°51'26", long 73°27'15", Nassau County, Hydrologic Unit 02030201, on left bank 270 ft upstream from State Highway 25A, at Cold Spring Harbor Fish Hatchery, and 1.0 mi southwest of village of Cold Spring Harbor.

DRAINAGE AREA.-About 7.3 mi^2.

PERIOD OF RECORD.-July 1950 to current year.

REVISED RECORDS.-WDR NY-81-2: 1954 (M), 1962-63 (M), 1971 (M), 1978-79, 1980 (M).

GAGE.-Water-stage recorder and concrete control. Datum of gage is 5.38 ft above NGVD of 1929.

REMARKS.-No estimated daily discharges. Records good except those above 100 ft^3/s, which are poor. Flow occasionally regulated at outlet of pond 40 ft above station. Diversion from this pond by Cold Spring Harbor Fish Hatchery bypasses station, except during the 1979 water year.

EXTREMES FOR PERIOD OF RECORD.-Maximum discharge, 181 ft^3/s, Jan. 21, 1979, gage height, 1.99 ft, result of regulation, from rating curve extended above 80 ft^3/s; maximum gage height, 5.34 ft, Aug. 31, 1954, backwater from high tide, from high-water mark; minimum discharge, 0.20 ft^3/s, part or all of each day Jan. 24-27, 1967, gage height, 0.07 ft.

EXTREMES FOR CURRENT YEAR.-Maximum discharge, 21 ft^3/s, Nov. 6, gage height 0.69 ft; maximum gage height, 2.66 ft., Nov. 6, backwater from high tide; minimum discharge, 0.39 ft^3/s, Oct. 10, gage height, 0.09 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

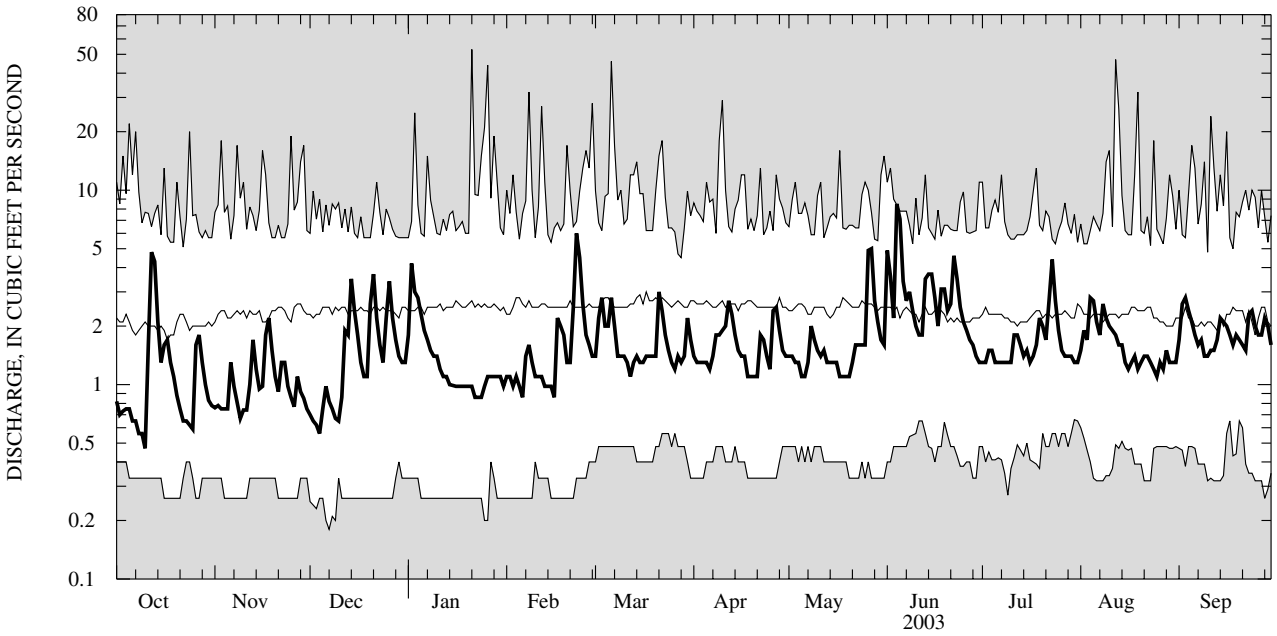
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.82	0.76	0.70	1.8	1.1	1.4	1.4	1.4	4.9	1.3	1.5	1.7
2	0.70	0.78	0.65	4.2	1.1	2.2	1.3	1.4	3.6	1.3	1.9	2.6
3	0.73	0.75	0.62	3.0	0.98	2.8	1.3	1.3	2.2	1.5	1.7	2.8
4	0.75	0.75	0.56	2.8	1.1	2.0	1.3	1.3	8.5	1.5	2.8	2.4
5	0.75	0.75	0.75	2.3	0.98	2.0	1.3	1.1	7.1	1.3	2.7	2.1
6	0.65	1.3	0.98	1.9	0.86	2.8	1.2	1.1	3.4	1.3	2.1	1.8
7	0.65	0.98	0.82	1.7	1.4	2.0	1.4	1.3	2.7	1.3	1.8	1.6
8	0.56	0.81	0.75	1.5	1.6	1.4	1.8	2.0	3.0	1.3	2.6	1.7
9	0.56	0.67	0.67	1.4	1.3	1.4	1.8	1.7	2.4	1.3	2.2	1.4
10	0.47	0.74	0.65	1.4	1.1	1.4	1.9	1.5	2.0	1.3	2.0	1.4
11	1.6	0.74	0.86	1.2	1.1	1.3	2.0	1.4	1.8	1.8	1.9	1.5
12	4.8	1.0	1.9	1.1	1.1	1.1	2.7	1.5	1.8	1.8	1.8	1.5
13	4.3	1.7	1.8	1.1	0.98	1.3	2.3	1.3	3.5	1.6	1.6	1.7
14	2.1	1.2	3.5	1.0	0.98	1.4	1.8	1.3	3.7	1.4	1.6	2.2
15	1.3	0.95	2.4	0.99	0.98	1.3	1.5	1.3	3.7	1.5	1.3	2.1
16	1.6	0.98	1.8	0.98	0.86	1.3	1.4	1.3	2.8	1.3	1.2	2.0
17	1.7	1.8	1.3	0.98	2.2	1.4	1.4	1.1	2.0	1.4	1.3	1.8
18	1.3	2.2	1.1	0.98	2.0	1.4	1.1	1.1	3.1	1.6	1.4	1.6
19	1.1	1.5	1.1	0.98	1.8	1.4	1.1	1.1	3.1	2.2	1.2	1.8
20	0.88	1.1	2.6	0.98	1.3	1.4	1.1	1.1	2.4	2.0	1.3	1.7
21	0.75	0.92	3.7	0.98	1.3	3.0	1.1	1.3	2.6	1.7	1.4	1.6
22	0.65	1.3	2.2	0.86	2.5	2.4	1.8	1.6	4.6	2.7	1.4	1.5
23	0.65	1.3	1.6	0.86	6.0	1.8	1.7	1.6	3.5	4.4	1.3	2.3
24	0.62	0.98	1.3	0.86	4.5	1.5	1.4	1.6	2.5	2.7	1.2	2.4
25	0.59	0.86	2.2	0.98	2.6	1.3	1.2	1.6	2.1	1.9	1.1	2.0
26	1.6	0.77	3.4	1.1	1.8	1.2	2.4	4.9	1.9	1.5	1.3	1.8
27	1.8	1.1	2.2	1.1	1.6	1.4	2.5	5.0	1.7	1.4	1.2	1.8
28	1.3	0.92	1.7	1.1	1.4	1.3	1.9	2.7	1.6	1.4	1.5	2.2
29	1.0	0.85	1.4	1.1	---	1.4	1.5	2.1	1.4	1.4	1.3	2.0
30	0.83	0.75	1.3	1.1	---	2.2	1.4	1.7	1.3	1.3	1.3	1.6
31	0.78	---	1.3	0.98	---	1.7	---	1.6	---	1.3	1.3	---
TOTAL	37.89	31.21	47.81	43.31	46.52	51.9	48.0	52.3	90.9	51.7	50.2	56.6
MEAN	1.22	1.04	1.54	1.40	1.66	1.67	1.60	1.69	3.03	1.67	1.62	1.89
MAX	4.8	2.2	3.7	4.2	6.0	3.0	2.7	5.0	8.5	4.4	2.8	2.8
MIN	0.47	0.67	0.56	0.86	0.86	1.1	1.1	1.1	1.3	1.3	1.1	1.4

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 2003, BY WATER YEAR (WY)

MEAN	2.33	2.51	2.50	2.70	2.75	2.79	2.78	2.62	2.52	2.43	2.52	2.36
MAX	6.02	6.35	5.95	8.56	6.85	6.56	7.25	6.60	6.37	6.17	6.11	6.35
(WY)	(1980)	(1980)	(1980)	(1979)	(1979)	(1979)	(1980)	(1979)	(1979)	(1979)	(1979)	(1979)
MIN	0.38	0.30	0.29	0.27	0.29	0.46	0.45	0.41	0.67	0.63	0.59	0.63
(WY)	(1966)	(1967)	(1967)	(1967)	(1967)	(1967)	(1966)	(1967)	(1967)	(1968)	(1988)	(1965)

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1950 - 2003	
ANNUAL TOTAL	511.02		608.34			
ANNUAL MEAN	1.40		1.67		2.57	
HIGHEST ANNUAL MEAN					6.32	1979
LOWEST ANNUAL MEAN					0.51	1967
HIGHEST DAILY MEAN	6.7	Aug 29	8.5	Jun 4	53	Jan 21, 1979
LOWEST DAILY MEAN	0.41	Aug 19	0.47	Oct 10	0.18	Dec 7, 1983
ANNUAL SEVEN-DAY MINIMUM	0.49	Aug 13	0.63	Oct 4	0.22	Dec 3, 1983
10 PERCENT EXCEEDS	2.2		2.7		4.2	
50 PERCENT EXCEEDS	1.3		1.4		2.4	
90 PERCENT EXCEEDS	0.70		0.83		0.86	

01303500 COLD SPRING BROOK AT COLD SPRING HARBOR, NY—Continued



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.

01304000 NISSEQUOGUE RIVER NEAR SMITHTOWN, NY

LOCATION.--Lat 40°50'58", long 73°13'29", Suffolk County, Hydrologic Unit 02030201, on left bank 0.5 mi downstream from New Mill Pond, 1.0 mi southwest of Smithtown, and 1.5 mi southwest of Village of Smithtown Branch.

DRAINAGE AREA.--About 27 mi^2.

PERIOD OF RECORD.--October 1943 to current year.

REVISED RECORDS.--WSP1141: Drainage area.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 9.59 ft above NGVD of 1929.

REMARKS.--No estimated daily discharges. Records good. Occasional regulation caused by cleaning of fish screens and trash racks at outlet of New Mill Pond on main stream and ponds on tributaries above station. Water-quality data included in this report.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 952 ft^3/s, Jan. 22, 1979, gage height, 3.22 ft, result of dam failure; minimum, 16 ft^3/s, June 5, 6, 1967; minimum gage height, 0.46 ft, Feb. 9, 1951.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 121 ft^3/s, June 22, gage height, 1.44 ft; minimum, 23 ft^3/s, part or all of each day; Oct. 7-11, gage height, 0.54 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

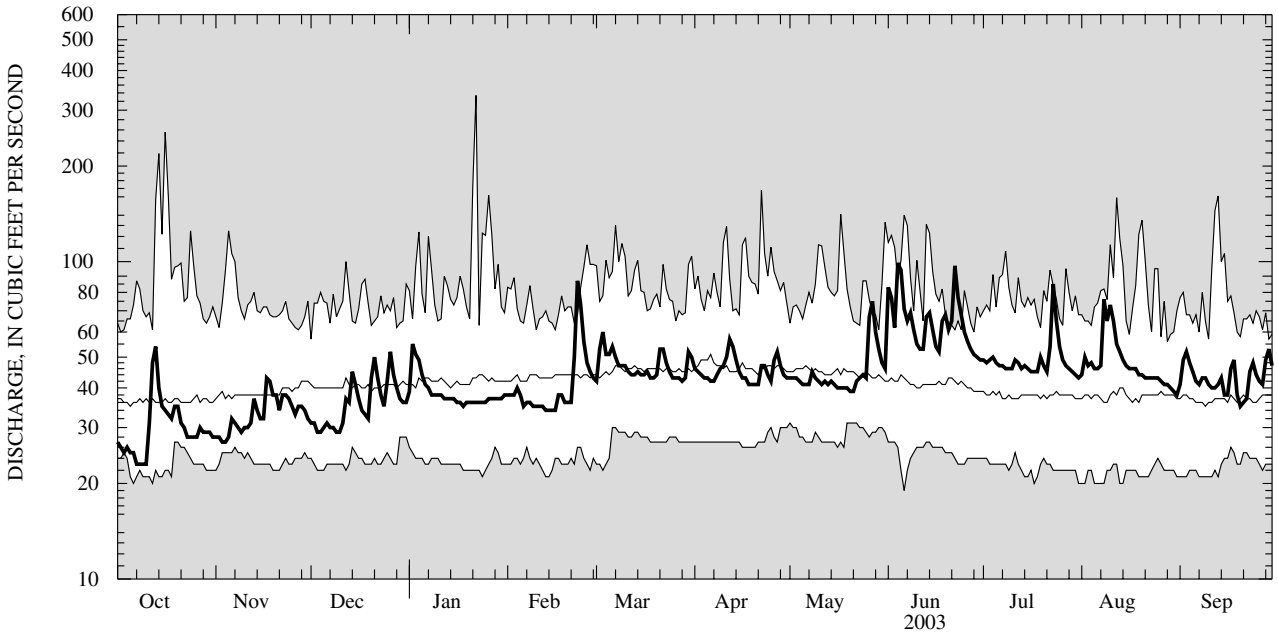
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	28	31	39	38	42	46	43	83	49	44	41
2	26	28	31	55	38	53	45	43	77	48	50	49
3	25	27	29	51	38	60	44	43	62	49	47	52
4	26	27	29	49	40	51	43	42	99	50	48	48
5	25	28	30	44	38	51	43	41	94	48	46	45
6	25	32	31	41	35	54	42	41	71	47	46	42
7	23	31	30	40	36	50	42	41	65	47	47	41
8	23	30	30	38	36	47	44	45	69	46	76	43
9	23	29	29	38	35	47	46	43	61	46	65	43
10	23	30	29	38	35	47	47	42	55	46	73	41
11	31	30	31	38	35	45	50	41	53	49	65	40
12	48	31	37	37	35	44	57	42	53	48	55	40
13	54	37	36	37	34	44	54	41	67	46	52	41
14	40	34	45	37	34	45	49	42	69	47	49	43
15	35	32	41	37	34	44	45	41	61	46	47	38
16	34	32	37	36	34	44	43	40	54	45	46	38
17	33	43	34	36	38	45	43	40	52	45	46	46
18	32	42	33	35	38	43	41	40	65	45	46	49
19	35	38	32	36	36	43	41	40	68	50	44	38
20	35	38	43	36	36	44	41	39	61	47	44	35
21	31	34	50	36	36	53	41	39	65	45	43	36
22	30	38	43	36	50	53	47	42	97	54	43	37
23	28	38	38	36	87	48	47	43	77	85	43	45
24	28	37	35	36	73	45	44	44	68	65	43	48
25	28	35	42	36	56	43	42	43	60	54	43	44
26	28	33	52	37	48	43	49	67	56	49	42	42
27	30	35	44	37	45	43	52	75	53	47	41	41
28	29	35	40	37	43	42	47	60	51	46	41	49
29	29	34	37	37	---	43	44	53	50	45	40	53
30	29	32	36	37	---	52	43	48	49	44	39	47
31	28	---	36	38	---	50	---	46	---	43	38	---
TOTAL	941	998	1,121	1,201	1,161	1,458	1,362	1,390	1,965	1,521	1,492	1,295
MEAN	30.4	33.3	36.2	38.7	41.5	47.0	45.4	44.8	65.5	49.1	48.1	43.2
MAX	54	43	52	55	87	60	57	75	99	85	76	53
MIN	23	27	29	35	34	42	41	39	49	43	38	35

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2003, BY WATER YEAR (WY)

MEAN	38.3	40.2	42.0	43.7	44.6	47.1	48.4	46.3	43.6	39.8	39.5	38.3
MAX	76.1	70.0	63.8	75.5	66.2	70.1	73.7	71.3	69.2	70.4	59.0	55.3
(WY)	(1991)	(1956)	(1991)	(1979)	(1979)	(1979)	(1983)	(1998)	(1984)	(1984)	(1984)	(1984)
MIN	23.5	24.3	24.0	23.3	23.4	29.2	27.3	30.8	25.6	22.4	22.1	24.2
(WY)	(1967)	(1967)	(1967)	(1967)	(1967)	(1966)	(1966)	(1966)	(1966)	(1966)	(1966)	(1966)

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1944 - 2003	
ANNUAL TOTAL	11,521		15,905			
ANNUAL MEAN	31.6		43.6		42.7	
HIGHEST ANNUAL MEAN					58.9	1991
LOWEST ANNUAL MEAN					27.0	1966
HIGHEST DAILY MEAN	60	Aug 30	99	Jun 4	334	Jan 22, 1979
LOWEST DAILY MEAN	21	Aug 19	23	Oct 7	19	Jun 6, 1967
ANNUAL SEVEN-DAY MINIMUM	22	Aug 15	24	Oct 4	21	Jul 31, 1966
10 PERCENT EXCEEDS	40		55		56	
50 PERCENT EXCEEDS	31		43		41	
90 PERCENT EXCEEDS	24		31		31	

01304000 NISSEQUOGUE RIVER NEAR SMITHTOWN, NY—Continued



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.

01304500 PECONIC RIVER AT RIVERHEAD, NY

LOCATION.--Lat 40°54'49", long 72°41'14", Suffolk County, Hydrologic Unit 02030202, on right bank 200 ft downstream from Long Island Power Authority dam, 0.4 mi west of Riverhead, and 1.2 mi upstream from outlet of Sweezy Pond.

DRAINAGE AREA.--About 75 mi^2.

PERIOD OF RECORD.--June 1942 to current year.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 6.54 ft above NGVD of 1929.

REMARKS.--Records good. Flow regulated by ponds above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 225 ft^3/s, Jan. 30, 1978, gage height, 1.20 ft, result of regulation; maximum gage height, 2.09 ft, Mar. 29, 1984, backwater from high tide; minimum discharge, 1.4 ft^3/s, Jan. 9, 1966, Jan. 31, 1967, Dec. 6, 1969, Jan. 27, 1972, Dec. 10, 11, 1977, all result of freezeup; minimum gage height, 0.10 ft, Jan. 31, 1967, Dec. 6, 1969, Jan. 27, 1972, all result of freezeup.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 175 ft^3/s, June 13, gage height, 1.07 ft; minimum, 9.8 ft^3/s, Dec.4, gage height, 0.25 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	21	28	37	e28	46	58	58	81	81	50	35
2	16	21	26	45	e28	52	57	58	79	77	38	37
3	16	20	25	47	e28	59	55	58	77	73	41	38
4	15	20	19	50	e30	58	55	57	89	73	43	40
5	15	20	27	49	e29	59	55	55	106	71	43	40
6	14	22	28	49	e28	62	54	55	114	68	41	39
7	14	23	26	48	e28	62	53	54	99	64	36	37
8	14	22	26	47	e28	59	55	56	103	64	47	35
9	13	22	25	45	e28	57	55	55	102	64	48	35
10	13	21	24	43	e28	57	57	51	101	63	48	34
11	15	22	25	42	e28	56	60	47	98	62	45	33
12	24	23	31	40	e28	55	69	46	97	61	44	32
13	28	28	30	38	e28	54	70	46	128	59	43	33
14	27	28	36	38	e28	54	70	45	116	58	42	35
15	24	27	37	37	e28	52	70	45	96	57	41	35
16	24	25	36	35	e28	50	75	43	82	57	41	39
17	24	31	35	35	e30	48	72	43	79	56	46	38
18	23	35	33	33	e30	48	69	42	87	55	48	36
19	21	33	32	32	e29	47	65	41	93	57	48	36
20	20	32	36	32	e28	46	62	41	90	55	47	37
21	19	30	40	e32	e28	53	60	41	89	54	46	36
22	19	32	38	e31	34	55	62	45	93	53	43	35
23	18	33	37	e30	49	54	62	48	91	56	42	35
24	18	31	36	e30	55	53	60	49	91	58	40	35
25	17	29	37	e29	54	52	58	48	90	58	38	35
26	24	28	41	e29	52	51	61	59	88	56	38	34
27	28	30	40	e29	51	51	66	70	85	54	38	33
28	26	30	39	e28	49	49	65	73	82	53	37	38
29	24	30	38	e28	---	49	63	78	80	51	37	45
30	23	28	37	e28	---	59	61	80	80	51	37	44
31	22	---	37	e28	---	60	---	77	---	50	36	---
TOTAL	615	797	1,005	1,144	940	1,667	1,854	1,664	2,786	1,869	1,312	1,094
MEAN	19.8	26.6	32.4	36.9	33.6	53.8	61.8	53.7	92.9	60.3	42.3	36.5
MAX	28	35	41	50	55	62	75	80	128	81	50	45
MIN	13	20	19	28	28	46	53	41	77	50	36	32

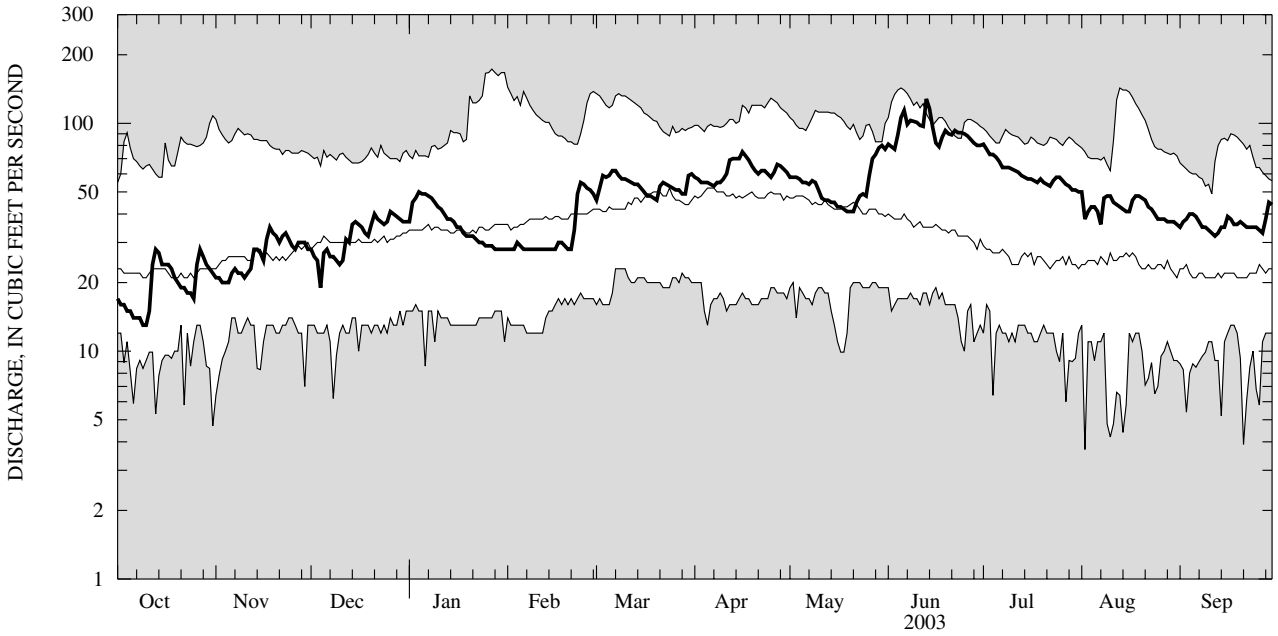
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2003, BY WATER YEAR (WY)

MEAN	26.3	30.1	34.2	38.5	41.8	48.1	51.4	46.4	41.1	30.8	28.6	25.7
MAX	69.6	80.6	63.8	106	105	109	96.4	96.3	104	84.7	83.4	62.6
(WY)	(1990)	(1990)	(1984)	(1979)	(1979)	(1979)	(1984)	(1958)	(1984)	(1984)	(1989)	(1954)
MIN	12.5	13.3	13.2	14.7	16.4	22.8	17.1	18.7	17.1	13.5	10.8	11.1
(WY)	(1967)	(1967)	(1967)	(1966)	(1967)	(1966)	(1966)	(1966)	(1986)	(1966)	(1966)	(1966)

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1942 - 2003	
ANNUAL TOTAL	8,399		16,747			
ANNUAL MEAN	23.0		45.9		36.9	
HIGHEST ANNUAL MEAN					67.9	1984
LOWEST ANNUAL MEAN					16.1	1966
HIGHEST DAILY MEAN	41	Dec 26	128	Jun 13	173	Jan 27, 1979
LOWEST DAILY MEAN	11	Aug 22	13	Oct 9	3.7	Aug 2, 1944
ANNUAL SEVEN-DAY MINIMUM	11	Aug 22	14	Oct 4	5.8	Aug 9, 1966
10 PERCENT EXCEEDS	32		74		62	
50 PERCENT EXCEEDS	23		42		32	
90 PERCENT EXCEEDS	14		24		18	

e Estimated

01304500 PECONIC RIVER AT RIVERHEAD, NY—Continued



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.

01304595 BIG FRESH POND NEAR NORTH SEA, NY

LOCATION.--Lat 40°55'19", long 72°25'18", Suffolk County, Hydrologic Unit 2030202, on northern shore at Town of Southampton boat launch in Emma Rose Elliston Park, near North Sea.

PERIOD OF RECORD.--July 2001 to current year.

GAGE.--Nonrecording gage read once monthly. Datum of gage is NGVD of 1929.

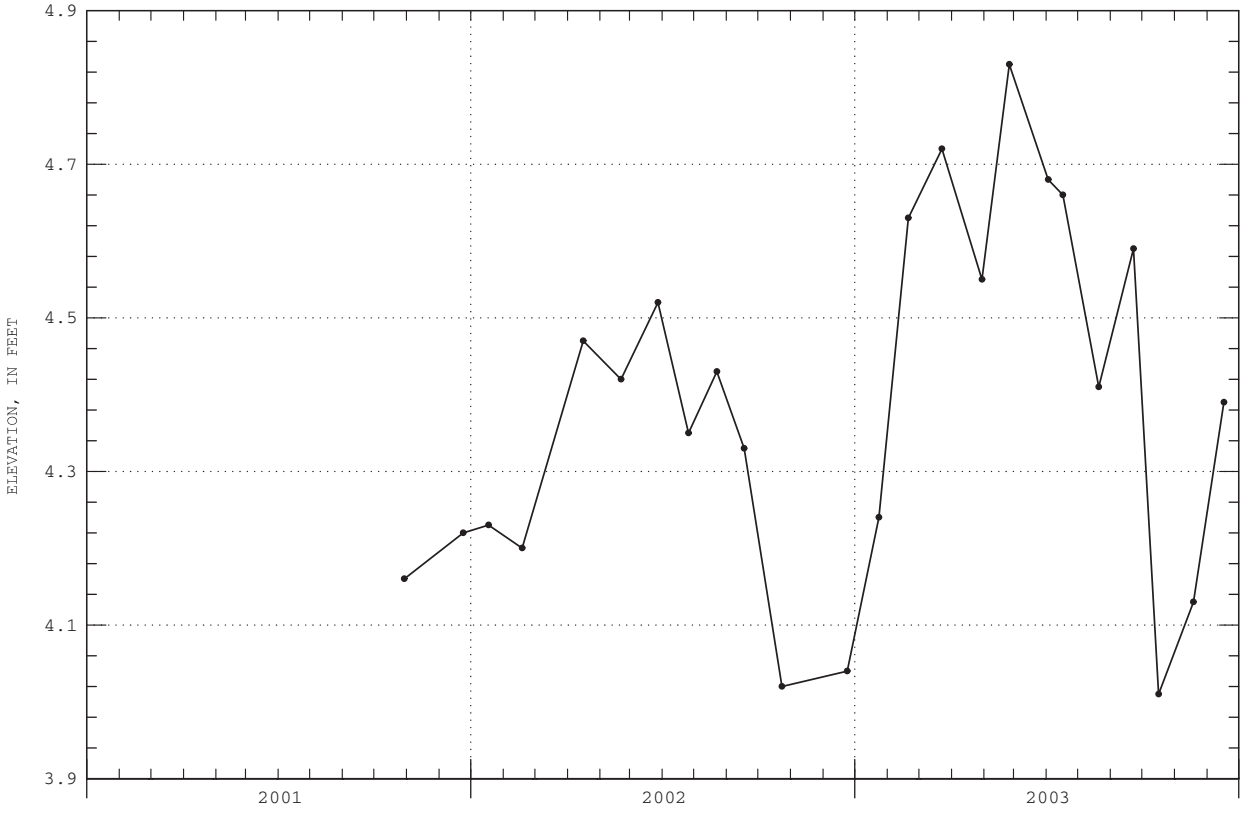
REMARKS.--Records excellent.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 4.83 ft, Feb. 25, 2003; minimum observed, 4.01 ft, July 17, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum elevation observed, 4.83 ft, Feb. 25; minimum observed, 4.01 ft, July 17.

ELEVATION, IN FEET, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	ELEVATION	DATE	ELEVATION	DATE	ELEVATION	DATE	ELEVATION	DATE	ELEVATION	DATE	ELEVATION
OCT 24	4.24	DEC 23	4.72	FEB 25	4.83	APR 17	4.66	JUN 23	4.59	AUG 19	4.13
NOV 21	4.63	JAN 30	4.55	APR 03	4.68	MAY 21	4.41	JUL 17	4.01	SEP 17	4.39



WATER YEAR MONTHLY ELEVATION MEASUREMENTS FOR PERIOD OF RECORD.

01304629 TROUT POND AT NOYACK, NY

LOCATION.--Lat 40°59'34", long 72°21'00", Suffolk County, Hydrologic Unit 2030202, on left wall of outlet structure in Town of Southampton Trout Pond Park, in Noyack.

PERIOD OF RECORD.--July 2001 to current year.

GAGE.--Nonrecording gage read once monthly. Datum of gage is NGVD of 1929.

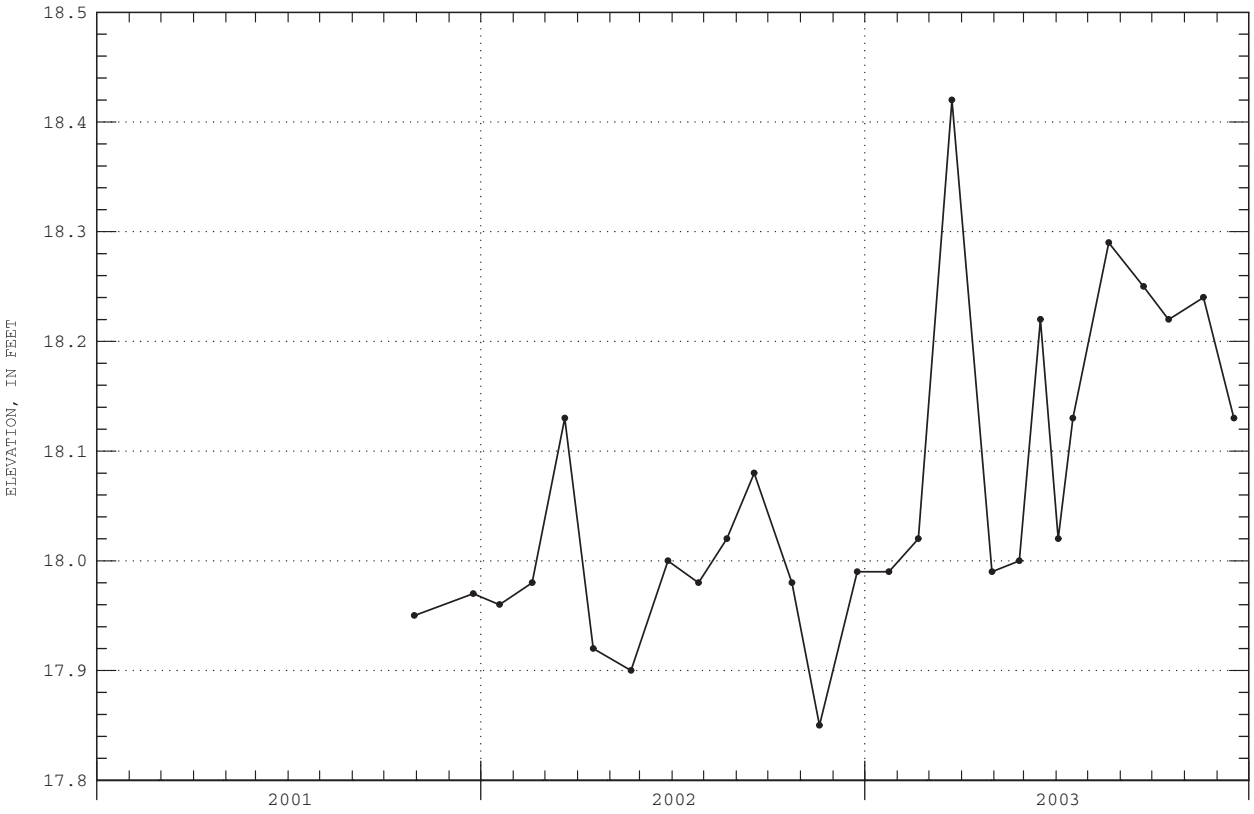
REMARKS.--Records excellent.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 18.42 ft, Dec. 23, 2002; minimum observed, 17.85 ft, Aug. 19, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum elevation observed, 18.42 ft, Dec. 23; minimum observed, 17.99 ft, Oct. 24.

ELEVATION, IN FEET, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	ELEVATION	DATE	ELEVATION	DATE	ELEVATION	DATE	ELEVATION	DATE	ELEVATION	DATE	ELEVATION
OCT 24	17.99	JAN 30	17.99	MAR 17	18.22	APR 17	18.13	JUN 23	18.25	AUG 19	18.24
NOV 21	18.02	FEB 25	18.00	APR 03	18.02	MAY 21	18.29	JUL 17	18.22	SEP 17	18.13
DEC 23	18.42										



WATER YEAR MONTHLY ELEVATION MEASUREMENTS FOR PERIOD OF RECORD.

01304655 LONG POND NEAR SAG HARBOR, NY

LOCATION.--Lat 40°58'20", long 72°17'39", Suffolk County, Hydrologic Unit 2030202, on southern shore at Town of Southampton boat launch in Long Pond Park, near Sag Harbor.

PERIOD OF RECORD.--August 2001 to current year. Precipitation records for August 2001 to current year at site 1.4 mi north- northeast are unpublished and available in files of the Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929.

REMARKS.--Records excellent except those in July, which are good.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 13.96 ft, Aug. 8, 2003; minimum, 11.27 ft, Aug. 27, 28, 29, 2002.

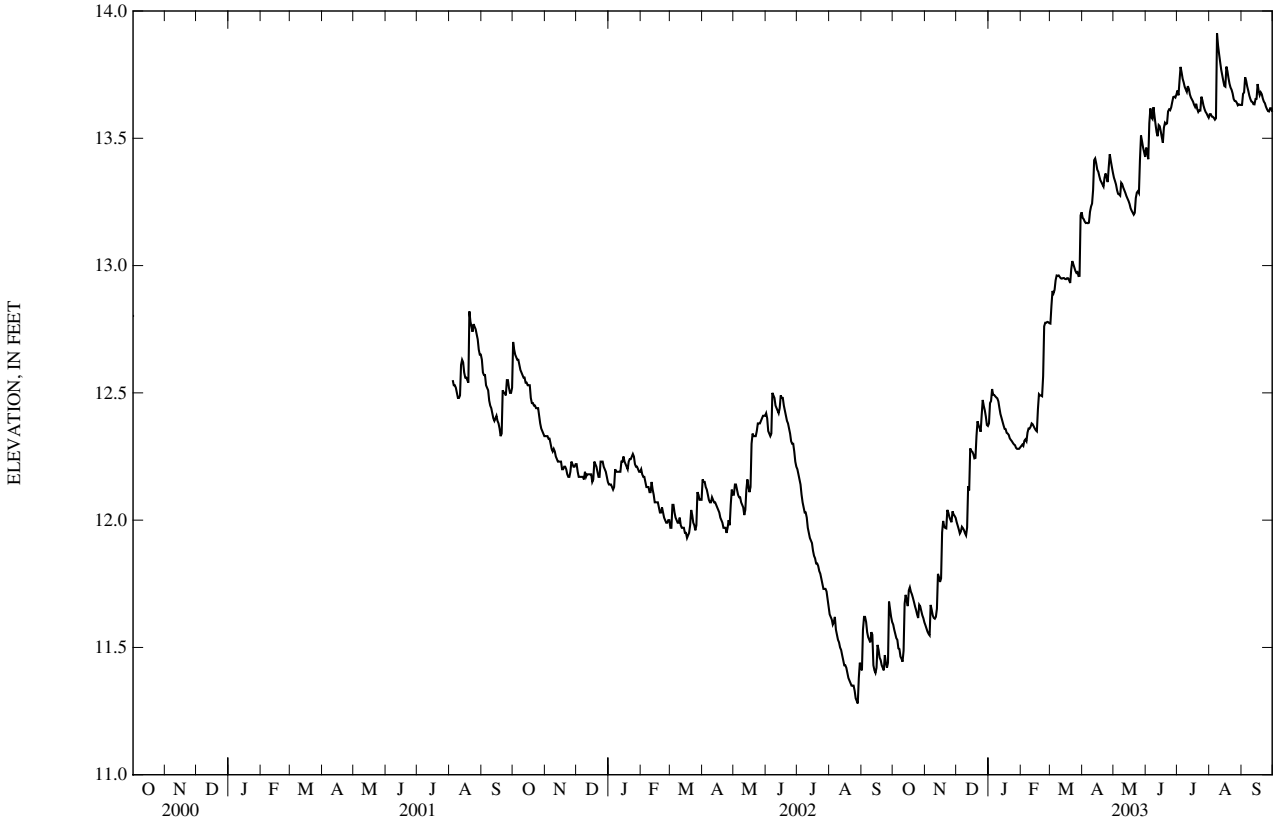
EXTREMES FOR CURRENT YEAR.--Maximum elevation, 13.96 ft, Aug. 8; minimum, 11.44 ft, Oct 10, 11.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.59	11.59	11.99	12.38	12.29	12.77	13.19	13.35	13.46	13.69	13.59	13.63
2	11.57	11.57	11.98	12.46	12.30	12.84	13.18	13.33	13.44	13.67	13.59	13.67
3	11.55	11.56	11.96	12.47	12.29	12.90	13.17	13.32	13.42	13.73	13.59	13.68
4	11.54	11.55	11.95	12.52	12.31	12.89	13.17	13.30	13.56	13.78	13.58	13.74
5	11.53	11.55	11.96	12.49	12.32	12.90	13.17	13.28	13.62	13.76	13.58	13.73
6	11.50	11.67	11.97	12.49	12.31	12.94	13.17	13.28	13.58	13.73	13.57	13.70
7	11.49	11.65	11.97	12.49	12.34	12.96	13.17	13.27	13.58	13.72	13.58	13.69
8	11.46	11.63	11.96	12.48	12.36	12.96	13.21	13.33	13.62	13.70	13.91	13.67
9	11.46	11.62	11.95	12.48	12.36	12.96	13.23	13.32	13.59	13.69	13.86	13.65
10	11.44	11.61	11.94	12.47	12.37	12.96	13.24	13.31	13.55	13.68	13.83	13.64
11	11.49	11.62	11.97	12.44	12.38	12.95	13.30	13.30	13.52	13.70	13.80	13.64
12	11.67	11.65	12.13	12.42	12.38	12.95	13.41	13.29	13.51	13.69	13.77	13.63
13	11.71	11.79	12.12	12.40	12.37	12.95	13.42	13.27	13.55	13.67	13.75	13.63
14	11.68	11.78	12.28	12.39	12.36	12.95	13.40	13.26	13.55	13.66	13.73	13.65
15	11.66	11.76	12.27	12.37	12.35	12.95	13.38	13.25	13.53	13.65	13.71	13.66
16	11.72	11.77	12.27	12.36	12.35	12.95	13.37	13.24	13.50	13.64	13.70	13.71
17	11.74	11.95	12.26	12.36	12.43	12.95	13.35	13.23	13.48	13.63	13.78	13.69
18	11.72	12.00	12.24	12.34	12.49	12.95	13.34	13.22	13.54	13.62	13.76	13.67
19	11.71	11.98	12.24	12.34	12.49	12.94	13.33	13.21	13.56	13.64	13.74	13.68
20	11.69	11.97	12.33	12.33	12.49	12.93	13.32	13.20	13.56	13.62	13.71	13.67
21	11.68	11.97	12.39	12.32	12.49	12.99	13.31	13.21	13.56	13.60	13.70	13.66
22	11.66	12.04	12.37	12.32	12.57	13.02	13.35	13.27	13.61	13.61	13.69	13.64
23	11.65	12.03	12.36	12.31	12.76	13.01	13.36	13.29	13.61	13.61	13.68	13.64
24	11.63	12.01	12.35	12.30	12.78	12.99	13.35	13.29	13.61	13.66	13.65	13.62
25	11.62	12.00	12.41	12.30	12.78	12.98	13.33	13.28	13.62	13.65	13.65	13.61
26	11.67	11.99	12.47	12.29	12.78	12.97	13.39	13.42	13.64	13.63	13.65	13.61
27	11.66	12.03	12.45	12.28	12.78	12.97	13.44	13.51	13.66	13.61	13.64	13.61
28	11.64	12.02	12.43	12.28	12.77	12.96	13.41	13.49	13.66	13.60	13.63	13.62
29	11.63	12.02	12.41	12.28	---	12.96	13.39	13.46	13.66	13.60	13.63	13.62
30	11.61	12.01	12.37	12.28	---	13.20	13.37	13.45	13.67	13.59	13.63	13.60
31	11.60	---	12.37	12.29	---	13.21	---	13.43	---	13.58	13.63	---
MEAN	11.61	11.81	12.20	12.38	12.47	12.96	13.31	13.31	13.57	13.66	13.69	13.66
MAX	11.74	12.04	12.47	12.52	12.78	13.21	13.44	13.51	13.67	13.78	13.91	13.74
MIN	11.44	11.55	11.94	12.28	12.29	12.77	13.17	13.20	13.42	13.58	13.57	13.60
MED	11.63	11.78	12.26	12.36	12.37	12.95	13.33	13.29	13.56	13.65	13.68	13.65

CAL YR	2002	MEAN 11.95	MAX 12.50	MIN 11.28	MED 12.01
WTR YR	2003	MEAN 12.89	MAX 13.91	MIN 11.44	MED 13.17

01304655 LONG POND NEAR SAG HARBOR, NY—Continued



01304678 FORT POND AT MONTAUK, NY

LOCATION.--Lat 41°02'11", long 71°56'49", Suffolk County, Hydrologic Unit 2030202, on southeastern shore at State of New York boat launch on South Erie Ave., in Montauk.

PERIOD OF RECORD.--July 2001 to current year.

GAGE.--Nonrecording gage read once monthly. Datum of gage is NGVD of 1929.

REMARKS.--Records excellent.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 4.87 ft, June 23, 2003; minimum observed, 2.48 ft, Aug. 19, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum elevation observed, 4.87 ft, June 23; minimum observed, 2.85 ft, Oct. 24.

ELEVATION, IN FEET, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	ELEVATION	DATE	ELEVATION	DATE	ELEVATION	DATE	ELEVATION	DATE	ELEVATION	DATE	ELEVATION
OCT 24	2.85	DEC 23	3.70	MAR 17	4.41	APR 17	4.55	JUN 23	4.87	AUG 19	3.80
NOV 21	3.36	JAN 30	3.70	APR 03	4.34	MAY 21	4.29	JUL 17	4.41	SEP 17	3.68



WATER YEAR MONTHLY ELEVATION MEASUREMENTS FOR PERIOD OF RECORD.

01304702 GEORGICA POND AT MIDHAMPTON, NY

LOCATION.--Lat 40°57'00", long 72°14'22", Suffolk County, Hydrologic Unit 2030202, on northern shore at State of New York rest area on Montauk Highway, in Midhampton.

PERIOD OF RECORD.--July 2001 to current year.

GAGE.--Water-stage recorder. Prior to Oct. 25, 2001, nonrecording gage read once monthly. Datum of gage is NGVD of 1929.

REMARKS.--Records excellent except those in April, May, June, and July, which are good; and in December, which are fair. During spring and fall, pond is opened to Atlantic Ocean to regulate stage for fisheries management, flood control, and sanitary improvement.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 7.20 ft, Jun., 21, 2003; minimum, 2.08 ft, Nov. 23, 2002.

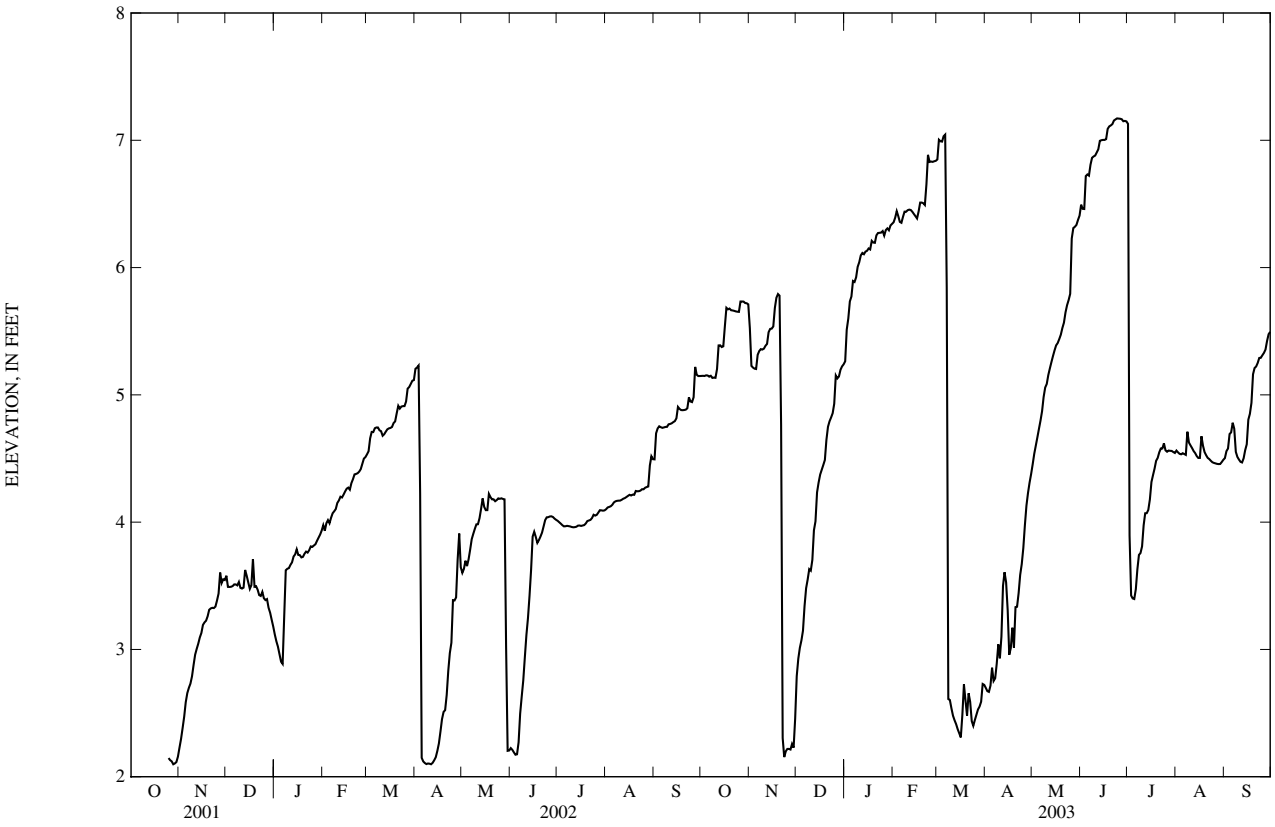
EXTREMES FOR CURRENT YEAR.--Maximum elevation, 7.20 ft, Jun. 21; minimum, 2.08 ft, Nov. 23.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.15	5.52	2.79	5.26	6.36	6.85	2.70	4.45	6.49	7.13	4.56	4.50
2	5.15	5.23	2.93	5.51	6.39	7.00	2.67	4.54	6.46	3.90	4.55	4.56
3	5.15	5.21	3.01	5.60	6.44	6.99	2.67	4.60	6.46	3.42	4.54	4.58
4	5.15	5.21	3.07	5.73	6.40	6.99	2.72	4.67	6.72	3.40	4.53	4.69
5	5.15	5.20	3.15	5.77	6.36	7.03	2.86	4.73	6.73	3.40	4.54	4.71
6	5.14	5.31	3.34	5.89	6.35	7.04	2.75	4.80	6.72	3.47	4.54	4.78
7	5.15	5.34	3.48	5.89	6.40	5.84	2.77	4.87	6.81	3.63	4.53	4.73
8	5.13	5.36	3.55	5.92	6.44	2.61	2.89	4.98	6.86	3.74	4.71	4.55
9	5.14	5.36	3.63	6.01	6.44	2.60	3.04	5.06	6.87	3.76	4.63	4.51
10	5.13	5.36	3.62	6.04	6.45	2.54	2.93	5.09	6.88	3.81	4.60	4.49
11	5.20	5.39	3.70	6.10	6.46	2.48	3.10	5.16	6.90	3.98	4.58	4.47
12	5.39	5.40	3.94	6.11	6.45	2.44	3.50	5.21	6.93	4.07	4.56	4.47
13	5.39	5.49	4.01	6.11	6.44	2.41	3.61	5.26	7.00	4.07	4.54	4.50
14	5.38	5.52	4.23	6.13	6.42	2.37	3.53	5.31	7.00	4.10	4.52	4.57
15	5.38	5.52	4.31	6.13	6.40	2.34	3.31	5.35	7.00	4.18	4.50	4.61
16	5.54	5.54	4.37	6.15	6.39	2.31	2.96	5.39	7.00	4.32	4.50	4.80
17	5.68	5.68	4.41	6.14	6.44	2.49	3.01	5.41	7.01	4.37	4.67	4.85
18	5.67	5.76	4.45	6.21	6.51	2.72	3.17	5.44	7.09	4.42	4.60	4.94
19	5.68	5.79	4.49	6.20	6.51	2.60	3.01	5.47	7.11	4.48	4.55	5.16
20	5.67	5.78	4.65	6.19	6.51	2.48	3.33	5.53	7.12	4.50	4.53	5.21
21	5.66	4.76	4.75	6.25	6.49	2.66	3.34	5.57	7.13	4.55	4.51	5.22
22	5.66	2.30	4.79	6.27	6.65	2.59	3.44	5.65	7.16	4.58	4.50	5.25
23	5.66	2.15	4.82	6.27	6.89	2.44	3.59	5.70	7.16	4.58	4.48	5.29
24	5.65	2.20	4.86	6.27	6.83	2.40	3.67	5.74	7.17	4.62	4.47	5.29
25	5.65	2.22	4.93	6.29	6.83	2.45	3.80	5.79	7.17	4.56	4.47	5.31
26	5.73	2.22	5.15	6.25	6.83	2.49	3.97	6.23	7.17	4.55	4.46	5.33
27	5.73	2.21	5.13	6.29	6.84	2.53	4.13	6.31	7.17	4.56	4.46	5.36
28	5.73	2.26	5.14	6.31	6.84	2.55	4.23	6.32	7.15	4.56	4.46	5.42
29	5.72	2.23	5.20	6.29	---	2.59	4.31	6.34	7.15	4.56	4.46	5.48
30	5.72	2.46	5.22	6.33	---	2.73	4.38	6.37	7.15	4.55	4.47	5.49
31	5.71	---	5.24	6.34	---	2.72	---	6.41	---	4.54	4.49	---
MEAN	5.45	4.47	4.21	6.07	6.53	3.49	3.31	5.41	6.96	4.27	4.53	4.90
MAX	5.73	5.79	5.24	6.34	6.89	7.04	4.38	6.41	7.17	7.13	4.71	5.49
MIN	5.13	2.15	2.79	5.26	6.35	2.31	2.67	4.45	6.46	3.40	4.46	4.47
MED	5.54	5.33	4.37	6.14	6.45	2.59	3.24	5.39	7.00	4.37	4.53	4.79

CAL YR	2002	MEAN	4.17	MAX	5.79	MIN	2.10	MED 4.18
WTR YR	2003	MEAN	4.95	MAX	7.17	MIN	2.15	MED 5.14

01304702 GEORGICA POND AT MIDHAMPTON, NY—Continued



01304705 GEORGICA POND NEAR APAQUOGUE, NY

LOCATION.--Lat 40°56'00", long 72°13'30", Suffolk County, Hydrologic Unit 2030202, on southeastern shore at Village of East Hampton preserve on West End Road, near Apaquogue.

PERIOD OF RECORD.--June to September 2003.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929.

REMARKS.--Records excellent except those in June and July, which are poor. During spring and fall, pond is opened to Atlantic Ocean to regulate stage for fisheries management, flood control, and sanitary improvement.

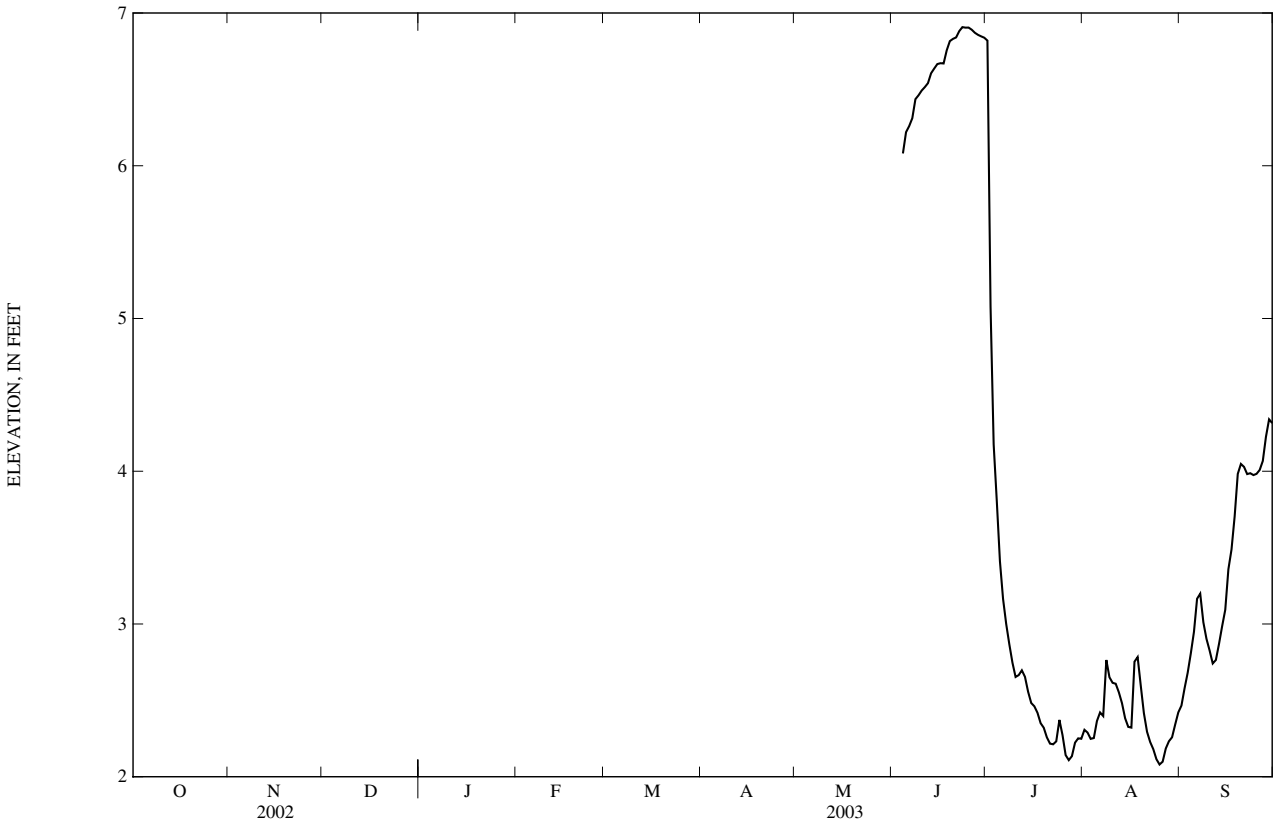
EXTREMES FOR CURRENT PERIOD.--June to September 2003: maximum elevation, 6.92 ft, June 23, 24; minimum, 2.00 ft, Aug. 25, 26.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	6.82	2.31	2.47
2	---	---	---	---	---	---	---	---	---	5.08	2.29	2.58
3	---	---	---	---	---	---	---	---	---	4.18	2.25	2.68
4	---	---	---	---	---	---	---	---	6.08	3.80	2.25	2.81
5	---	---	---	---	---	---	---	---	6.22	3.41	2.36	2.95
6	---	---	---	---	---	---	---	---	6.26	3.16	2.42	3.17
7	---	---	---	---	---	---	---	---	6.31	3.00	2.40	3.20
8	---	---	---	---	---	---	---	---	6.44	2.87	2.76	3.01
9	---	---	---	---	---	---	---	---	6.46	2.75	2.65	2.90
10	---	---	---	---	---	---	---	---	6.49	2.65	2.61	2.83
11	---	---	---	---	---	---	---	---	6.51	2.67	2.61	2.74
12	---	---	---	---	---	---	---	---	6.54	2.70	2.55	2.76
13	---	---	---	---	---	---	---	---	6.61	2.65	2.48	2.87
14	---	---	---	---	---	---	---	---	6.64	2.56	2.38	2.98
15	---	---	---	---	---	---	---	---	6.67	2.48	2.33	3.09
16	---	---	---	---	---	---	---	---	6.67	2.46	2.32	3.36
17	---	---	---	---	---	---	---	---	6.67	2.42	2.75	3.49
18	---	---	---	---	---	---	---	---	6.76	2.35	2.78	3.70
19	---	---	---	---	---	---	---	---	6.82	2.32	2.60	3.98
20	---	---	---	---	---	---	---	---	6.83	2.26	2.42	4.05
21	---	---	---	---	---	---	---	---	6.84	2.22	2.29	4.03
22	---	---	---	---	---	---	---	---	6.88	2.21	2.23	3.98
23	---	---	---	---	---	---	---	---	6.91	2.23	2.18	3.99
24	---	---	---	---	---	---	---	---	6.90	2.37	2.12	3.97
25	---	---	---	---	---	---	---	---	6.90	2.27	2.08	3.98
26	---	---	---	---	---	---	---	---	6.89	2.14	2.10	4.01
27	---	---	---	---	---	---	---	---	6.87	2.11	2.18	4.07
28	---	---	---	---	---	---	---	---	6.86	2.13	2.23	4.22
29	---	---	---	---	---	---	---	---	6.85	2.22	2.26	4.34
30	---	---	---	---	---	---	---	---	6.84	2.25	2.34	4.32
31	---	---	---	---	---	---	---	---	---	2.25	2.42	---
MEAN	---	---	---	---	---	---	---	---	6.66	2.81	2.39	3.42
MAX	---	---	---	---	---	---	---	---	6.91	6.82	2.78	4.34
MIN	---	---	---	---	---	---	---	---	6.08	2.11	2.08	2.47
MED	---	---	---	---	---	---	---	---	6.67	2.46	2.34	3.28

WTR YR 2003 MEAN 3.72 MAX 6.91 MIN 2.08 MED 2.81

01304705 GEORGICA POND NEAR APAQUOGUE, NY—Continued



01304738 MILL POND AT WATER MILL, NY

LOCATION.--Lat 40°54'35", long 72°21'47", Suffolk County, Hydrologic Unit 2030202, on southwestern shore at Town of Southampton boat launch on Old Mill Road, in Water Mill.

PERIOD OF RECORD.--July 2001 to current year.

GAGE.--Nonrecording gage read once monthly. Datum of gage is NGVD of 1929.

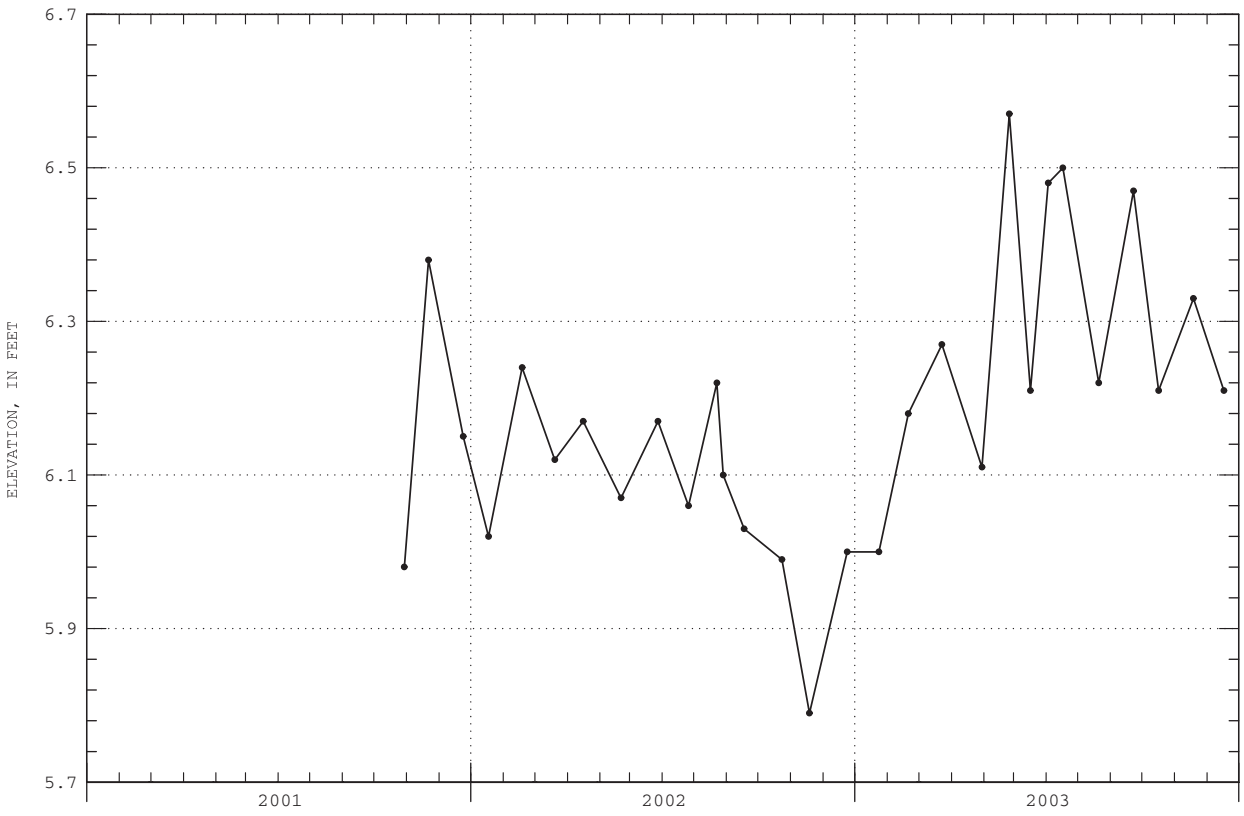
REMARKS.--Records excellent.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 6.57 ft, Feb. 25, 2003; minimum observed, 5.79 ft, Aug. 19, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum elevation observed, 6.57 ft, Feb. 25; minimum observed, 6.00 ft, Oct. 24.

ELEVATION, IN FEET, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	ELEVATION	DATE	ELEVATION	DATE	ELEVATION	DATE	ELEVATION	DATE	ELEVATION	DATE	ELEVATION
OCT 24	6.00	JAN 30	6.11	MAR 17	6.21	APR 17	6.50	JUN 23	6.47	AUG 19	6.33
NOV 21	6.18	FEB 25	6.57	APR 03	6.48	MAY 21	6.22	JUL 17	6.21	SEP 17	6.21
DEC 23	6.27										



WATER YEAR MONTHLY ELEVATION MEASUREMENTS FOR PERIOD OF RECORD.

01305000 CARMANS RIVER AT YAPHANK, NY

LOCATION.--Lat 40°49'49", long 72°54'24", Suffolk County, Hydrologic Unit 02030202, on left bank 50 ft upstream from Long Island Railroad Bridge, 0.6 mi northeast of Yaphank Station, and 0.7 mi southeast of Yaphank.

DRAINAGE AREA.--About 71 mi^2.

PERIOD OF RECORD.--June 1942 to current year.

REVISED RECORDS.--WSP 1141: Drainage area.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 17.95 ft above NGVD of 1929. Prior to Feb. 2, 1967, at datum 1.00 ft higher.

REMARKS.--No estimated daily discharges. Records good. Some regulation by two lakes above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 143 ft^3/s, Aug. 11, 1989, gage height, 2.09 ft; minimum, 2.8 ft^3/s, Feb. 24, 1967, gage height, 0.73 ft, result of temporary construction upstream.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 67 ft^3/s, Aug. 17, gage height, 1.68 ft; minimum, 13 ft^3/s, part or all of each day Oct. 25, 26, 31, Nov. 1-6, 8-12, Dec. 4; minimum gage height, 1.02 ft, part or all of each day Oct. 9-11.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

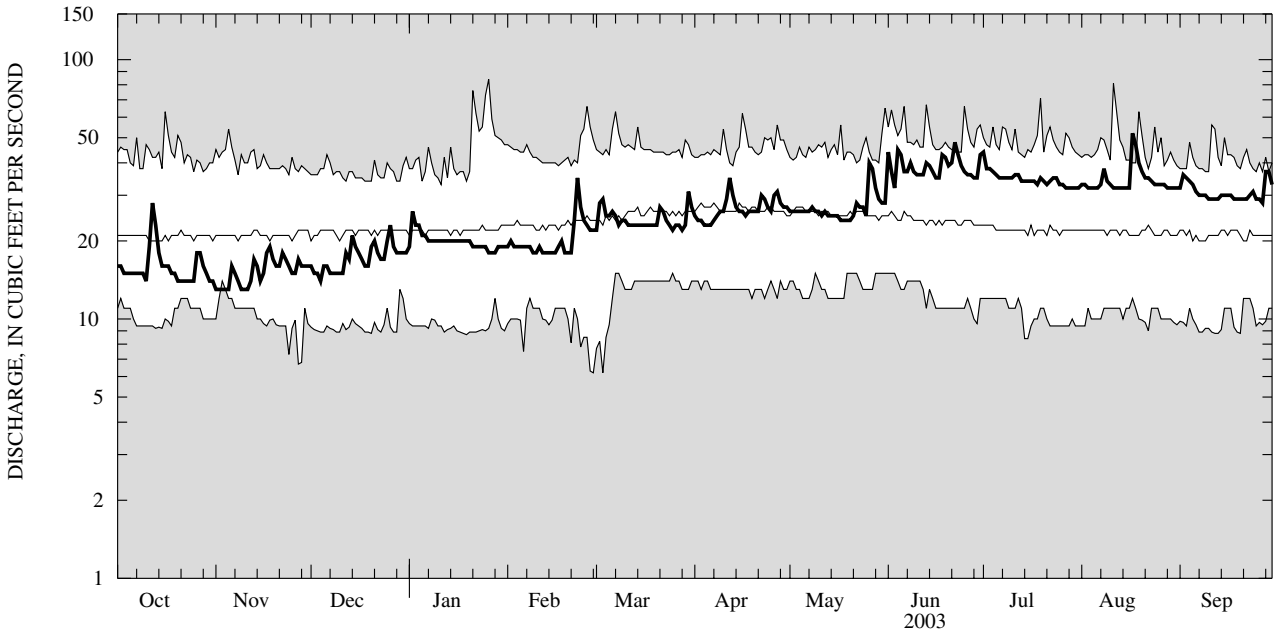
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	13	16	19	19	22	25	26	44	44	33	32
2	16	13	15	26	20	28	24	26	37	38	33	36
3	15	13	15	23	19	29	24	26	32	38	32	35
4	15	13	14	23	19	25	23	26	45	37	32	34
5	15	13	16	21	19	25	23	26	43	36	32	33
6	15	16	16	21	19	26	23	26	37	35	32	31
7	15	15	15	20	19	25	24	26	37	35	33	30
8	15	14	15	20	19	23	25	27	40	35	38	30
9	15	13	15	20	18	24	26	26	37	35	34	30
10	14	13	15	20	18	24	26	26	36	35	33	29
11	19	13	15	20	19	23	29	25	36	36	32	29
12	28	14	18	20	18	23	35	26	36	36	32	29
13	23	17	17	20	18	23	30	25	40	34	32	29
14	18	16	21	20	18	23	27	25	39	34	32	30
15	16	14	19	20	18	23	26	25	37	34	32	30
16	16	15	18	20	18	23	26	25	35	34	32	30
17	16	18	17	20	19	23	25	24	35	34	52	30
18	15	19	16	20	20	23	26	24	43	33	47	29
19	15	17	16	20	18	23	26	24	42	35	40	29
20	14	16	19	20	18	23	26	24	39	34	37	29
21	14	16	20	19	18	27	26	25	40	33	35	29
22	14	18	18	19	24	26	30	28	48	34	35	29
23	14	17	17	19	35	24	29	27	43	35	34	30
24	14	16	17	19	27	23	27	27	39	35	33	31
25	14	15	20	19	24	22	26	25	37	33	33	29
26	18	15	23	18	23	23	30	40	36	33	33	29
27	18	17	19	18	22	23	31	38	36	32	33	28
28	16	16	18	18	22	22	28	32	35	32	32	37
29	15	16	18	19	---	23	27	29	35	32	32	37
30	14	16	18	19	---	31	27	28	43	32	32	33
31	14	---	18	19	---	27	---	28	---	32	32	---
TOTAL	496	457	534	619	568	752	800	835	1,162	1,075	1,064	926
MEAN	16.0	15.2	17.2	20.0	20.3	24.3	26.7	26.9	38.7	34.7	34.3	30.9
MAX	28	19	23	26	35	31	35	40	48	44	52	37
MIN	14	13	14	18	18	22	23	24	32	32	32	28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2003, BY WATER YEAR (WY)

MEAN	21.7	22.0	22.4	23.3	24.3	25.7	26.9	26.3	25.4	23.5	23.1	22.0
MAX	38.6	37.9	35.0	42.6	44.0	45.4	42.5	41.8	49.2	46.6	40.9	38.8
(WY)	(1980)	(1956)	(1980)	(1979)	(1979)	(1979)	(1984)	(1984)	(1984)	(1984)	(1984)	(1984)
MIN	10.9	10.6	9.48	9.35	9.74	13.7	13.1	14.1	12.8	10.5	10.5	10.6
(WY)	(1967)	(1967)	(1967)	(1967)	(1967)	(1967)	(1966)	(1966)	(1995)	(1966)	(1966)	(1966)

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1942 - 2003	
ANNUAL TOTAL	6,425		9,288			
ANNUAL MEAN	17.6		25.4		23.9	
HIGHEST ANNUAL MEAN					37.7	1979
LOWEST ANNUAL MEAN					12.9	1967
HIGHEST DAILY MEAN	28	May 18	52	Aug 17	84	Jan 26, 1978
LOWEST DAILY MEAN	13	Aug 13	13	Nov 1	6.2	Feb 28, 1967
ANNUAL SEVEN-DAY MINIMUM	13	Oct 30	13	Oct 30	7.4	Feb 25, 1967
10 PERCENT EXCEEDS	22		36		34	
50 PERCENT EXCEEDS	17		25		23	
90 PERCENT EXCEEDS	15		15		16	

01305000 CARMANS RIVER AT YAPHANK, NY—Continued



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.

01305500 SWAN RIVER AT EAST PATCHOGUE, NY

LOCATION.--Lat 40°46'01", long 72°59'39", Suffolk County, Hydrologic Unit 02030202, on left bank 94 ft downstream from Montauk Highway in East Patchogue, 200 ft downstream from outlet of Swan Lake, and 1.2 mi upstream from mouth.

DRAINAGE AREA.--About 8.6 mi^2.

PERIOD OF RECORD.--October 1946 to current year.

REVISED RECORDS.--WSP 1622: Drainage area. WDR NY-81-2: 1952-77 (M), 1978 1979-80 (M).

GAGE.--Water-stage recorder and concrete control. Datum of gage is 2.84 ft above NGVD of 1929.

REMARKS.--No estimated daily discharges. Records fair. Flow regulated at outlet of Swan Lake.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 77 ft^3/s, Aug. 24 1990, gage height, 2.71 ft; minimum, 0.06 ft^3/s, Sept. 2, 1964, gage height, 0.02 ft, result of regulation.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 57 ft^3/s, May 26, June 1, gage height, 1.95 ft; minimum, 7.7 ft^3/s, part of each day Oct. 1-10, minimum gage height, 0.53 ft, Nov. 7,8.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

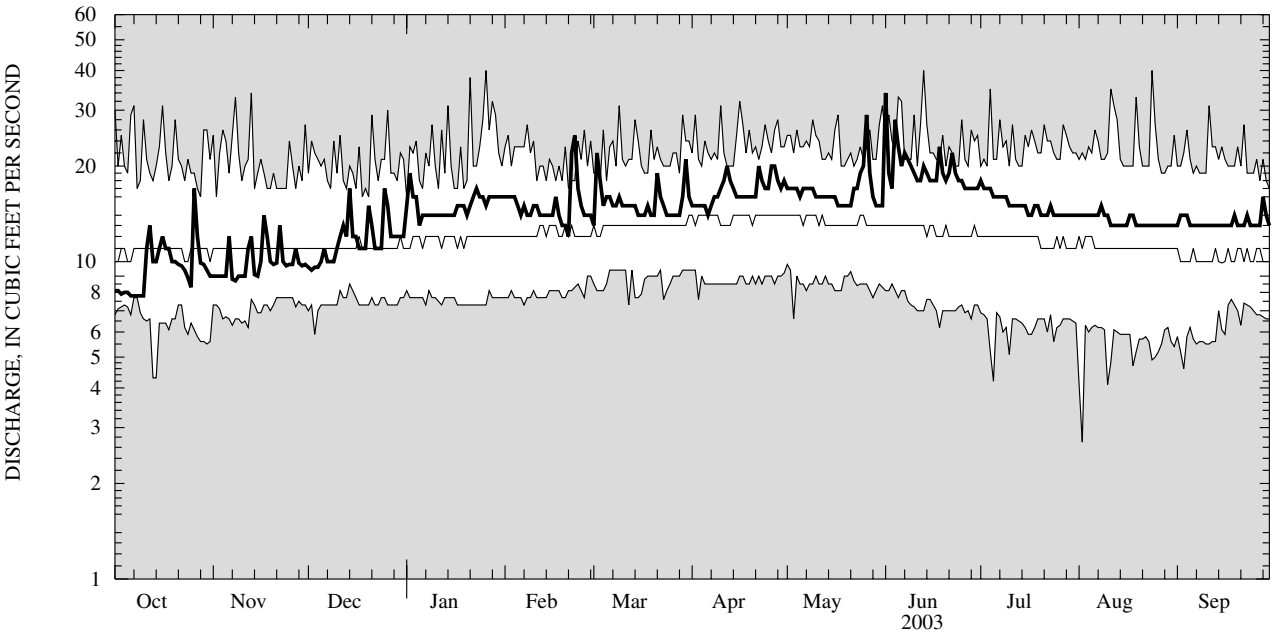
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.1	9.0	9.6	15	16	13	15	17	34	18	14	13
2	8.1	9.0	9.4	19	16	22	15	17	19	17	14	14
3	7.9	9.0	9.6	16	16	18	15	17	17	17	14	14
4	8.0	9.0	9.6	16	16	15	15	17	28	17	14	14
5	8.0	9.0	10	13	15	16	15	16	23	16	14	13
6	7.8	12	11	14	14	16	14	17	20	16	14	13
7	7.8	8.8	10	14	15	15	15	17	22	16	14	13
8	7.8	8.7	10	14	14	15	16	17	21	16	15	13
9	7.8	9.0	10	14	14	16	16	17	20	16	14	13
10	7.8	9.0	11	14	15	15	17	16	19	15	14	13
11	11	9.0	12	14	15	15	18	16	18	15	13	13
12	13	11	13	14	14	15	20	16	18	15	13	13
13	10	12	12	14	14	15	18	16	20	15	13	13
14	10	9.1	17	14	14	15	17	16	19	15	13	13
15	11	9.0	12	14	14	14	16	16	18	15	13	13
16	12	10	12	14	14	14	16	16	18	14	13	13
17	11	14	11	15	16	14	16	15	18	14	14	13
18	11	12	11	15	14	15	16	15	23	15	14	13
19	10	10	11	15	13	14	16	15	19	15	13	14
20	10	9.8	15	14	13	14	16	15	18	14	13	13
21	9.8	9.9	13	15	12	19	16	15	19	14	13	13
22	9.7	13	11	16	22	16	20	17	22	14	13	13
23	9.4	10	11	17	25	15	18	17	19	15	13	14
24	8.9	9.7	11	16	17	14	17	19	18	14	13	13
25	8.3	9.8	17	16	15	14	17	20	18	14	13	13
26	17	9.8	15	15	14	14	20	29	17	14	13	13
27	12	11	12	16	14	14	20	19	17	14	13	13
28	9.9	9.9	12	16	14	14	18	16	17	14	13	16
29	9.8	9.7	12	16	---	16	17	15	17	14	13	14
30	9.4	9.8	12	16	---	21	18	15	17	14	13	13
31	9.0	---	12	16	---	16	---	15	---	14	13	---
TOTAL	301.3	301.0	364.2	467	425	479	503	521	593	466	416	399
MEAN	9.72	10.0	11.7	15.1	15.2	15.5	16.8	16.8	19.8	15.0	13.4	13.3
MAX	17	14	17	19	25	22	20	29	34	18	15	16
MIN	7.8	8.7	9.4	13	12	13	14	15	17	14	13	13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1947 - 2003, BY WATER YEAR (WY)

MEAN	11.1	11.2	11.6	12.2	12.6	13.4	14.1	13.8	13.2	12.0	11.5	11.0
MAX	17.3	17.8	16.4	18.6	18.3	19.6	21.7	21.5	21.6	20.7	20.1	19.7
(WY)	(1980)	(1956)	(1984)	(1979)	(1973)	(1984)	(1984)	(1984)	(1984)	(1979)	(1984)	(1984)
MIN	7.26	7.67	7.64	7.64	8.03	9.49	8.85	9.19	7.72	6.70	6.16	7.30
(WY)	(1989)	(1966)	(1967)	(1967)	(1967)	(1966)	(1966)	(1995)	(2002)	(2002)	(1995)	(1995)

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1947 - 2003	
ANNUAL TOTAL	3,295.0		5,235.5			
ANNUAL MEAN	9.03		14.3		12.3	
HIGHEST ANNUAL MEAN					18.5	1984
LOWEST ANNUAL MEAN					8.59	1995
HIGHEST DAILY MEAN	17	Oct 26	34	Jun 1	40	Jan 26, 1978
LOWEST DAILY MEAN	5.9	Aug 14	7.8	Oct 6	2.7	Aug 2, 1997
ANNUAL SEVEN-DAY MINIMUM	6.0	Aug 13	7.9	Oct 4	5.5	Aug 18, 1995
10 PERCENT EXCEEDS	11		18		16	
50 PERCENT EXCEEDS	9.4		14		12	
90 PERCENT EXCEEDS	6.6		9.8		8.9	

01305500 SWAN RIVER AT EAST PATCHOGUE, NY—Continued



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.

01306440 CONNETQUOT BROOK AT CENTRAL ISLIP, NY

LOCATION.--Lat 40°47'33", long 73°09'58", Suffolk County, Hydrologic Unit 02030202, 200 ft downstream from culvert on Veterans Memorial Highway, 2.0 mi northeast of Central Islip, and 3.8 mi upstream from gaging station 01306500.

DRAINAGE AREA.--About 12 mi^2.

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1968, 1971-78. May 1979 to current year.

GAGE.--Water-stage recorder and Parshall flume. Datum of gage is 29.93 ft above NGVD of 1929.

REMARKS.--No estimated daily discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 40 ft^3/s, Aug. 4, 1979, gage height, 1.56 ft; minimum, 0.25 ft^3/s, part of each day Aug. 21-24, 27, 2002, minimum gage height 0.09 ft, August 23, 24, 27, 2002

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 21 ft^3/s, Aug. 10, gage height, 1.10 ft; minimum, 0.55 ft^3/s, part or all of each day Oct. 5-11, gage height, 0.14 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

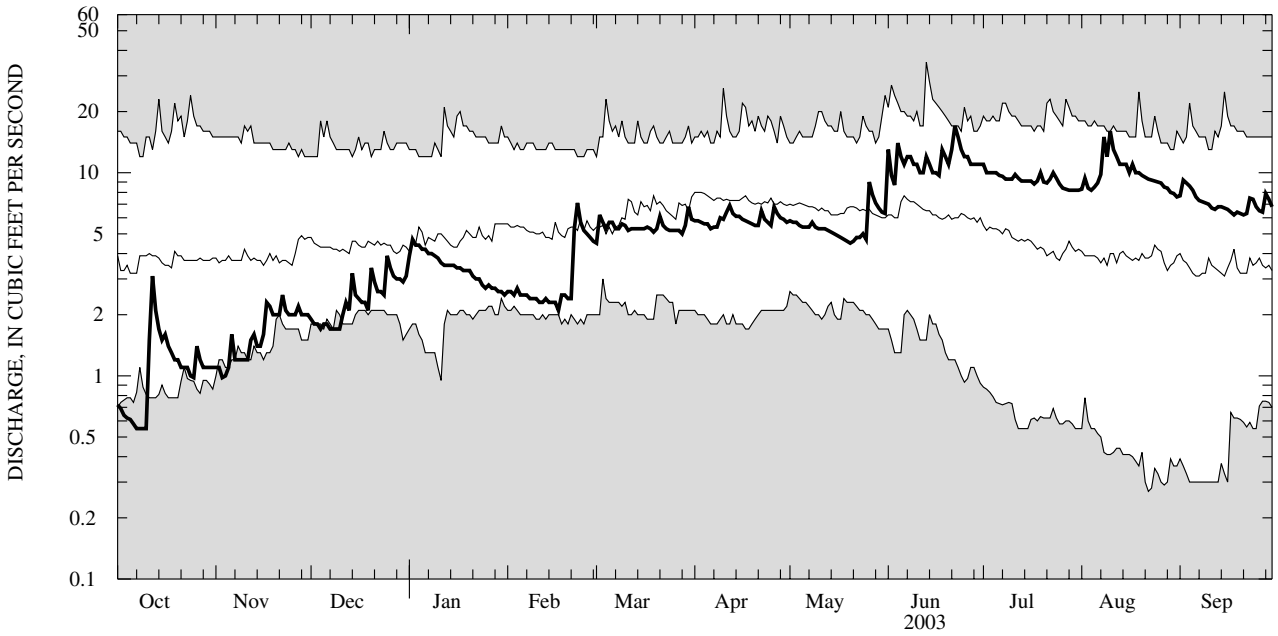
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.72	1.1	1.9	3.9	2.6	4.5	5.8	5.8	13	11	8.3	7.7
2	0.69	1.1	1.8	4.7	2.6	6.2	5.8	5.7	9.7	10	9.4	9.2
3	0.64	0.98	1.8	4.4	2.5	5.7	5.7	5.7	8.7	10	8.4	8.9
4	0.62	1.0	1.7	4.4	2.7	5.3	5.6	5.5	14	10	8.2	8.6
5	0.61	1.1	1.8	4.2	2.5	5.7	5.6	5.4	12	10	8.5	8.2
6	0.58	1.6	1.8	4.2	2.5	5.7	5.3	5.4	11	9.7	8.9	7.6
7	0.55	1.2	1.7	4.0	2.5	5.3	5.4	5.4	12	9.6	9.8	7.3
8	0.55	1.2	1.7	4.0	2.4	5.3	5.4	5.7	12	9.3	15	7.2
9	0.55	1.2	1.7	3.9	2.4	5.6	6.0	5.4	11	9.3	12	7.1
10	0.55	1.2	1.7	3.8	2.4	5.5	5.9	5.3	11	9.3	16	7.0
11	1.5	1.2	2.0	3.6	2.3	5.2	6.4	5.3	10	9.8	13	6.7
12	3.1	1.5	2.3	3.5	2.3	5.3	6.9	5.3	10	9.4	12	6.6
13	2.1	1.6	2.1	3.5	2.4	5.3	6.3	5.2	12	9.1	11	6.8
14	1.7	1.4	3.2	3.5	2.3	5.3	6.1	5.1	11	9.1	11	6.8
15	1.5	1.4	2.5	3.5	2.3	5.3	6.1	5.0	10	9.1	11	6.7
16	1.6	1.6	2.4	3.4	2.3	5.3	5.9	4.9	10	9.1	10	6.6
17	1.4	2.3	2.3	3.4	2.1	5.4	5.8	4.8	9.7	8.8	11	6.4
18	1.3	2.2	2.3	3.3	2.5	5.3	5.7	4.7	13	9.1	10	6.2
19	1.2	2.0	2.1	3.3	2.5	5.1	5.6	4.6	12	10	10	6.4
20	1.2	2.0	3.4	3.3	2.4	5.3	5.5	4.5	11	9.0	9.7	6.3
21	1.1	2.0	2.9	3.1	2.4	6.1	5.5	4.6	13	8.9	9.5	6.2
22	1.1	2.5	2.6	3.0	5.3	5.5	6.5	4.8	17	9.3	9.3	6.3
23	1.1	2.1	2.6	3.0	7.1	5.3	5.9	4.8	15	10	9.2	7.5
24	1.0	2.0	2.5	2.8	5.7	5.2	5.7	5.0	13	9.4	9.1	7.4
25	0.98	2.0	3.9	2.7	5.2	5.2	5.5	4.7	12	8.8	9.0	6.8
26	1.4	2.0	3.4	2.8	5.0	5.2	6.8	9.0	12	8.4	8.9	6.5
27	1.2	2.2	3.1	2.7	4.8	5.2	6.3	7.8	11	8.3	8.5	6.4
28	1.1	2.0	3.0	2.7	4.6	5.0	6.0	7.1	11	8.2	8.4	7.9
29	1.1	2.0	3.0	2.6	---	5.5	5.9	6.7	11	8.2	8.0	7.4
30	1.1	2.0	2.9	2.6	---	6.8	5.7	6.4	11	8.2	7.9	6.8
31	1.1	---	3.1	2.5	---	5.9	---	6.3	---	8.2	7.6	---
TOTAL	34.94	49.68	75.2	106.3	88.6	168.5	176.6	171.9	349.1	286.6	308.6	213.5
MEAN	1.13	1.66	2.43	3.43	3.16	5.44	5.89	5.55	11.6	9.25	9.95	7.12
MAX	3.1	2.5	3.9	4.7	7.1	6.8	6.9	9.0	17	11	16	9.2
MIN	0.55	0.98	1.7	2.5	2.1	4.5	5.3	4.5	8.7	8.2	7.6	6.2

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2003, BY WATER YEAR (WY)

MEAN	4.81	5.00	5.57	5.56	5.81	6.83	7.93	7.53	7.63	5.79	5.47	4.95
MAX	14.3	14.0	13.4	14.7	13.1	15.0	14.9	14.7	17.8	18.8	15.6	16.0
(WY)	(1991)	(1991)	(1991)	(1991)	(1991)	(1991)	(1984)	(1984)	(1984)	(1984)	(1984)	(1984)
MIN	0.93	1.66	1.98	2.16	2.04	2.26	1.95	2.25	1.48	0.68	0.55	0.55
(WY)	(1989)	(2003)	(1996)	(1989)	(2002)	(2002)	(1995)	(2002)	(2002)	(2002)	(2002)	(1995)

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1978 - 2003	
ANNUAL TOTAL	612.70		2,029.52			
ANNUAL MEAN	1.68		5.56		5.96	
HIGHEST ANNUAL MEAN					12.3	1984
LOWEST ANNUAL MEAN					1.87	2002
HIGHEST DAILY MEAN	4.2	Apr 28	17	Jun 22	35	Jun 13, 1998
LOWEST DAILY MEAN	0.27	Aug 22	0.55	Oct 7	0.27	Aug 22, 2002
ANNUAL SEVEN-DAY MINIMUM	0.30	Aug 21	0.57	Oct 4	0.30	Sep 4, 1995
10 PERCENT EXCEEDS	2.6		10		12	
50 PERCENT EXCEEDS	1.9		5.3		4.9	
90 PERCENT EXCEEDS	0.56		1.4		2.0	

01306440 CONNETQUOT BROOK AT CENTRAL ISLIP, NY—Continued



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.

01306460 CONNETQUOT BROOK NEAR CENTRAL ISLIP, NY

LOCATION.--Lat 40°46'19", long 73°09'33", Suffolk County, Hydrologic Unit 02030202, 200 ft upstream from bridge on dirt road in Connetquot River State Park Preserve, and 1.8 mi upstream from gaging station 01306500.

DRAINAGE AREA.--About 18 mi^2.

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1968, 1973-77. November 1977 to current year.

GAGE.--Water-stage recorder and wooden stoplog control. Datum of gage is 15.10 ft above NGVD of 1929.

REMARKS.--No estimated daily discharges. Records fair. Satellite gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 155 ft^3/s, June 13, 1998, gage height, 3.89 ft; minimum, 9.0 ft^3/s, Aug. 18, gage height, 2.24 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 87 ft^3/s, June 1, gage height, 3.24 ft; minimum, 12 ft^3/s, Oct. 8-10, Oct. 8-10, gage height, 2.32 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

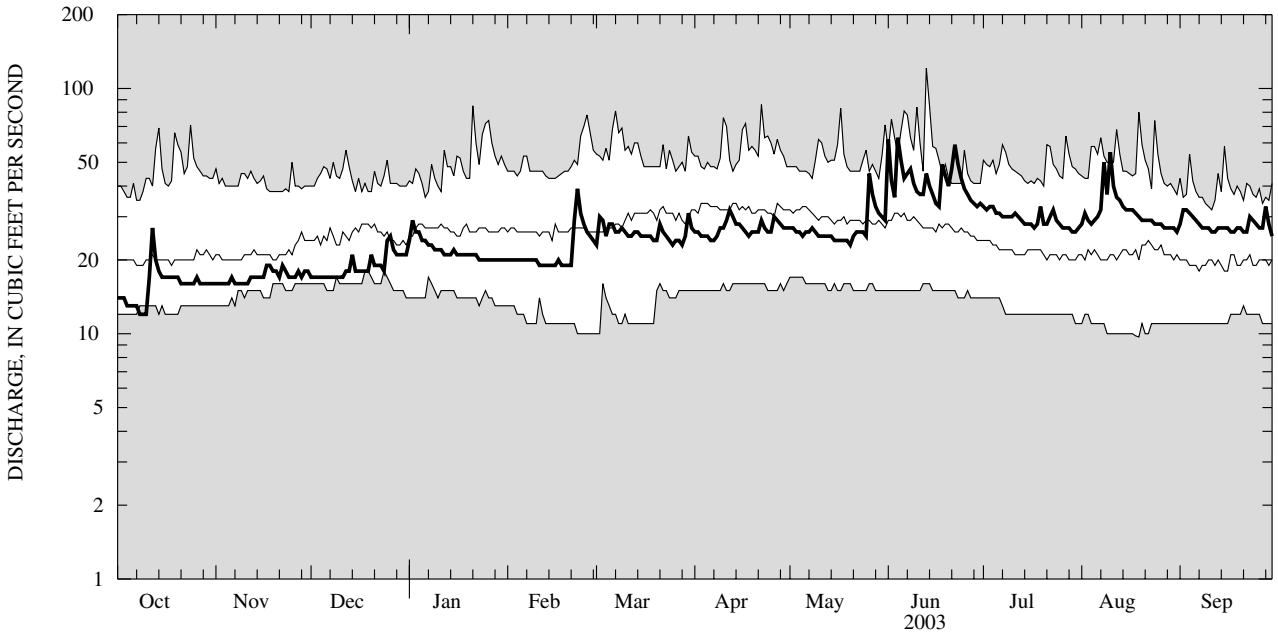
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	16	17	24	20	23	26	27	62	33	28	28
2	14	16	17	29	20	30	26	27	42	32	31	32
3	14	16	17	26	20	29	25	26	36	33	29	32
4	13	16	17	26	20	25	25	26	63	33	28	31
5	13	16	17	24	20	28	25	25	51	31	29	30
6	13	17	17	24	20	28	24	26	43	31	30	29
7	13	16	17	23	20	26	24	26	45	30	32	28
8	12	16	17	23	20	26	25	27	47	30	50	27
9	12	16	17	22	20	27	27	26	41	30	37	27
10	12	16	17	22	20	26	27	25	38	30	55	27
11	17	16	17	22	19	25	29	25	37	31	40	26
12	27	17	18	21	19	25	32	25	37	30	36	26
13	20	17	18	21	19	26	30	25	45	29	35	27
14	18	17	21	21	19	26	28	25	40	28	33	27
15	17	17	18	22	19	25	28	24	37	28	32	27
16	17	17	18	21	19	25	27	24	34	28	32	27
17	17	19	18	21	20	25	26	24	33	27	32	26
18	17	19	18	21	19	25	25	24	49	28	31	26
19	17	18	18	21	19	24	26	24	44	33	30	27
20	17	18	21	21	19	24	26	23	40	28	29	27
21	16	17	19	21	19	28	26	25	47	28	29	26
22	16	19	19	21	29	26	29	26	59	30	29	26
23	16	18	19	20	39	25	27	26	49	32	29	30
24	16	17	18	20	31	24	26	26	43	29	28	29
25	16	17	24	20	28	23	26	25	39	28	28	28
26	17	17	25	20	26	24	30	45	37	27	28	27
27	16	18	22	20	25	24	29	37	35	27	27	27
28	16	17	21	20	24	23	28	33	34	27	27	33
29	16	18	21	20	---	25	27	31	33	26	27	28
30	16	18	21	20	---	31	27	30	34	26	27	25
31	16	---	21	20	---	27	---	29	---	27	26	---
TOTAL	491	512	585	677	612	798	806	837	1,274	910	984	836
MEAN	15.8	17.1	18.9	21.8	21.9	25.7	26.9	27.0	42.5	29.4	31.7	27.9
MAX	27	19	25	29	39	31	32	45	63	33	55	33
MIN	12	16	17	20	19	23	24	23	33	26	26	25

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2003, BY WATER YEAR (WY)

MEAN	22.0	23.5	26.2	27.0	27.2	30.1	32.0	30.2	29.9	24.0	23.6	22.0
MAX	43.0	38.8	37.0	45.4	49.4	52.0	48.6	44.1	46.2	47.8	43.5	37.2
(WY)	(1991)	(1990)	(1990)	(1979)	(1979)	(1979)	(1983)	(1979)	(1984)	(1984)	(1979)	(1984)
MIN	13.0	15.9	16.1	14.2	11.2	13.8	15.5	15.7	15.1	12.8	11.5	12.3
(WY)	(1989)	(2002)	(2002)	(2002)	(2002)	(2002)	(1995)	(1995)	(1995)	(2002)	(1988)	(1988)

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1978 - 2003	
ANNUAL TOTAL	5,730.5		9,322			
ANNUAL MEAN	15.7		25.5		26.2	
HIGHEST ANNUAL MEAN					39.8	1979
LOWEST ANNUAL MEAN					15.5	1995
HIGHEST DAILY MEAN	37	Aug 29	63	Jun 4	121	Jun 13, 1998
LOWEST DAILY MEAN	9.7	Aug 19	12	Oct 8	9.7	Aug 19, 2002
ANNUAL SEVEN-DAY MINIMUM	9.9	Aug 13	13	Oct 4	9.9	Aug 13, 2002
10 PERCENT EXCEEDS	20		34		39	
50 PERCENT EXCEEDS	16		26		24	
90 PERCENT EXCEEDS	11		17		16	

01306460 CONNETQUOT BROOK NEAR CENTRAL ISLIP, NY—Continued



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.

01306500 CONNETQUOT RIVER NEAR OAKDALE, NY

LOCATION.--Lat 40°44'51", long 73°09'03", Suffolk County, Hydrologic Unit 02030202, on left bank just downstream from bridge on State Highway 27, 1.0 mi west of Oakdale.

DRAINAGE AREA.--About 24 mi^2.

PERIOD OF RECORD.--October 1943 to current year (monthly means estimated October 1974 to September 1975).

REVISED RECORDS.--WSP 1141: Drainage area.
GAGE.--Base gage (01306499): Water-stage recorder and wooden stoplog control. Datum is 1.56 ft above NGVD of 1929.
Supplementary gage (01306495): Water-stage recorder with concrete control on left bank of secondary channel 0.25 mi northeast of base gage at datum of 4.74 ft above NGVD of 1929. Prior to Aug. 10, 1965, at datum 1.0 ft higher.

REMARKS.--Records fair. Flow at both gages occasionally regulated by cleaning operations at outlets of ponds above stations. Discharge figures are those of combined flows in main and secondary channels.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 263 ft^3/s, Oct. 16, 1955; minimum daily, 9.3 ft^3/s, Nov. 25, 27, 1982, result of regulation. Maximum and minimum instantaneous discharges not determined.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 86 ft^3/s, June 1; minimum daily, 19 ft^3/s, Oct. 9. Maximum and minimum instantaneous discharges not determined.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	e23	27	34	e26	40	e42	42	e86	50	42	39
2	21	e23	27	46	e26	48	e42	42	64	50	45	44
3	21	e23	26	40	e26	50	e41	41	55	50	44	45
4	21	e24	27	41	27	45	41	41	78	50	42	44
5	21	e23	27	35	27	46	41	40	71	49	43	43
6	20	e28	27	35	26	46	39	40	61	47	44	39
7	20	e27	26	34	27	44	40	40	59	47	44	39
8	20	e25	26	34	26	43	41	41	64	47	e59	39
9	19	e24	26	33	26	44	44	40	57	46	51	38
10	20	e25	26	32	27	44	45	40	56	45	e63	37
11	27	e25	27	32	26	41	48	40	54	48	54	37
12	43	e25	30	30	25	41	51	40	54	46	49	37
13	38	e26	28	30	25	44	47	40	59	44	48	38
14	30	26	37	30	25	41	45	40	57	44	46	39
15	28	25	32	30	25	41	44	40	55	43	46	37
16	30	26	30	30	25	41	42	39	53	45	45	37
17	28	33	30	30	26	41	42	39	53	44	45	37
18	27	33	29	29	26	41	41	39	64	43	45	36
19	26	28	28	30	26	41	40	39	64	49	44	38
20	25	28	34	29	26	41	40	39	59	46	43	37
21	25	28	35	28	26	47	40	39	60	46	43	36
22	25	32	31	28	37	44	47	43	74	47	43	36
23	25	29	29	28	e61	41	44	43	65	51	43	40
24	e24	28	28	27	52	41	40	42	59	48	41	40
25	e24	27	e35	27	47	41	40	40	57	45	41	38
26	e27	27	40	27	45	41	47	e60	55	44	41	38
27	e26	30	33	28	43	41	48	60	54	43	41	38
28	e24	e28	31	e28	40	39	44	51	52	42	38	45
29	e24	28	31	e27	---	41	44	48	50	42	38	46
30	e23	28	30	e26	---	53	42	47	49	42	39	40
31	e23	---	31	e26	---	47	---	46	---	42	38	---
TOTAL	778	805	924	964	870	1,339	1,292	1,321	1,798	1,425	1,388	1,177
MEAN	25.1	26.8	29.8	31.1	31.1	43.2	43.1	42.6	59.9	46.0	44.8	39.2
MAX	43	33	40	46	61	53	51	60	86	51	63	46
MIN	19	23	26	26	25	39	39	39	49	42	38	36

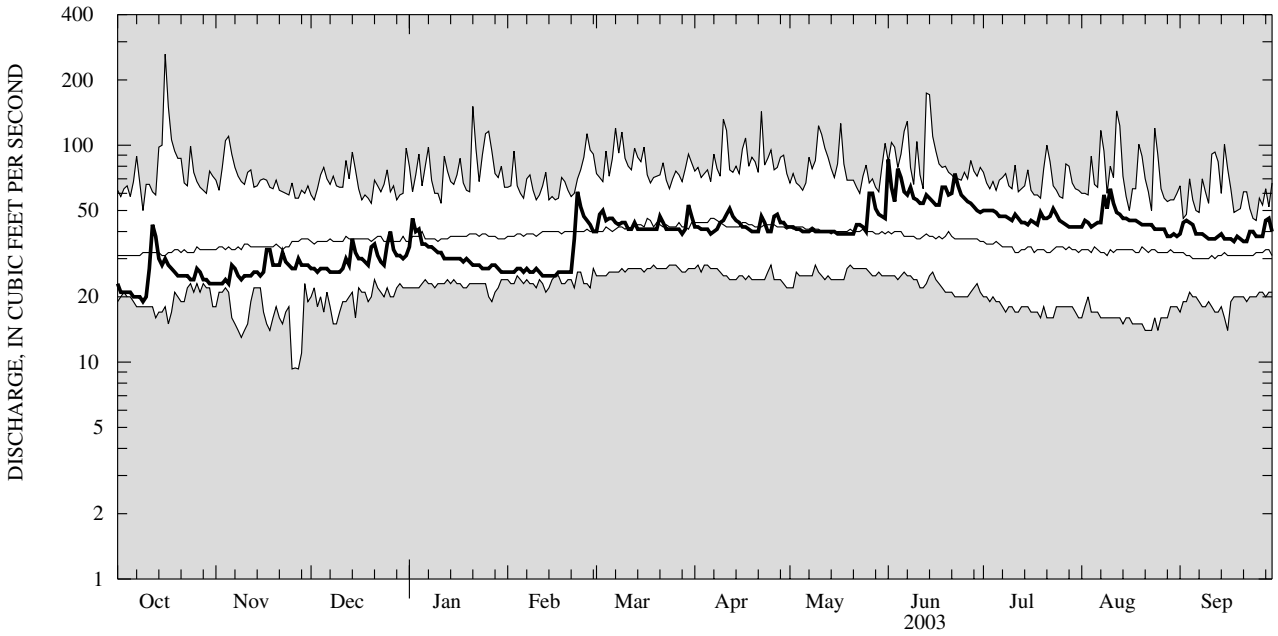
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2003, BY WATER YEAR (WY)

MEAN	33.4	35.7	37.7	38.9	40.0	43.4	44.3	42.3	40.4	35.6	34.4	32.9
MAX	65.2	67.4	55.2	65.1	62.3	70.3	69.7	68.7	70.4	64.3	52.1	48.6
(WY)	(1956)	(1956)	(1991)	(1979)	(1979)	(1979)	(1980)	(1998)	(1998)	(1984)	(1984)	(1984)
MIN	22.0	17.3	21.8	24.0	23.8	29.3	25.8	28.2	23.8	17.8	17.7	21.2
(WY)	(1967)	(1983)	(1967)	(1967)	(1967)	(2002)	(1966)	(1966)	(2002)	(2002)	(2002)	(1986)

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1944 - 2003	
ANNUAL TOTAL	9,342		14,081			
ANNUAL MEAN	25.6		38.6		38.2	
HIGHEST ANNUAL MEAN					52.5	1984
LOWEST ANNUAL MEAN					24.9	1966
HIGHEST DAILY MEAN	43	Oct 12	86	Jun 1	263	Oct 16, 1955
LOWEST DAILY MEAN	14	Aug 21	19	Oct 9	9.3	Nov 25, 1982
ANNUAL SEVEN-DAY MINIMUM	15	Aug 17	20	Oct 4	13	Nov 22, 1982
10 PERCENT EXCEEDS	32		51		52	
50 PERCENT EXCEEDS	27		40		37	
90 PERCENT EXCEEDS	18		26		26	

e Estimated

01306500 CONNETQUOT RIVER NEAR OAKDALE, NY—Continued



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.

01308000 SAMPAWAMS CREEK AT BABYLON, NY

LOCATION.--Lat 40°42'15", long 73°18'52", Suffolk County, Hydrologic Unit 02030202, on left bank at upstream side of John Street Bridge in Babylon, 180 ft downstream from Long Island Railroad, and 0.6 mi upstream from mouth.

DRAINAGE AREA.--About 23 mi^2.

PERIOD OF RECORD.--October 1944 to current year (monthly means estimated December 1966 to November 1967).

REVISED RECORDS.--WSP 1141: Drainage area. WSP 1702: 1955 (M), 1956 (M). WDR NY 1974: 1970 (P).

GAGE.--Water-stage recorder and concrete control. Datum of gage is 6.36 ft above NGVD of 1929. October 1944 to December 1966, water-stage recorder at site 100 ft east at datum 0.34 ft higher.

REMARKS.--No estimated daily discharges. Records fair. Flow regulated slightly by pumping operations at railroad and occasionally by ponds above station. Indeterminate effect caused by ground-water pumpage for water-supply purposes at Smith Street substation 0.2 mi northwest of gage. Prior to November 1950, slight diurnal fluctuation caused by power operations.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 254 ft^3/s, June 13, 1998, gage height, 3.73 ft, from rating curve extended above 110 ft^3/s; minimum, 1.1 ft^3/s, Sept. 10, 1995, result of regulation, for part or all of each day Mar. 1, July 15-23, 2002; minimum gage height, 0.13 ft, June 28, 1963, datum then in use.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 88 ft^3/s and maximum (*):

Date	Time	Discharge (ft3/s)	Gage hight (ft)	Date	Time	Discharge (ft3/s)	Gage height (ft)
Jun 21	1830	*91	*2.08	No other peak greater than base discharge.			

Minimum discharge, 2.4 ft^3/s, for part or all of each day Oct. 9-11, gage height, 0.39 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

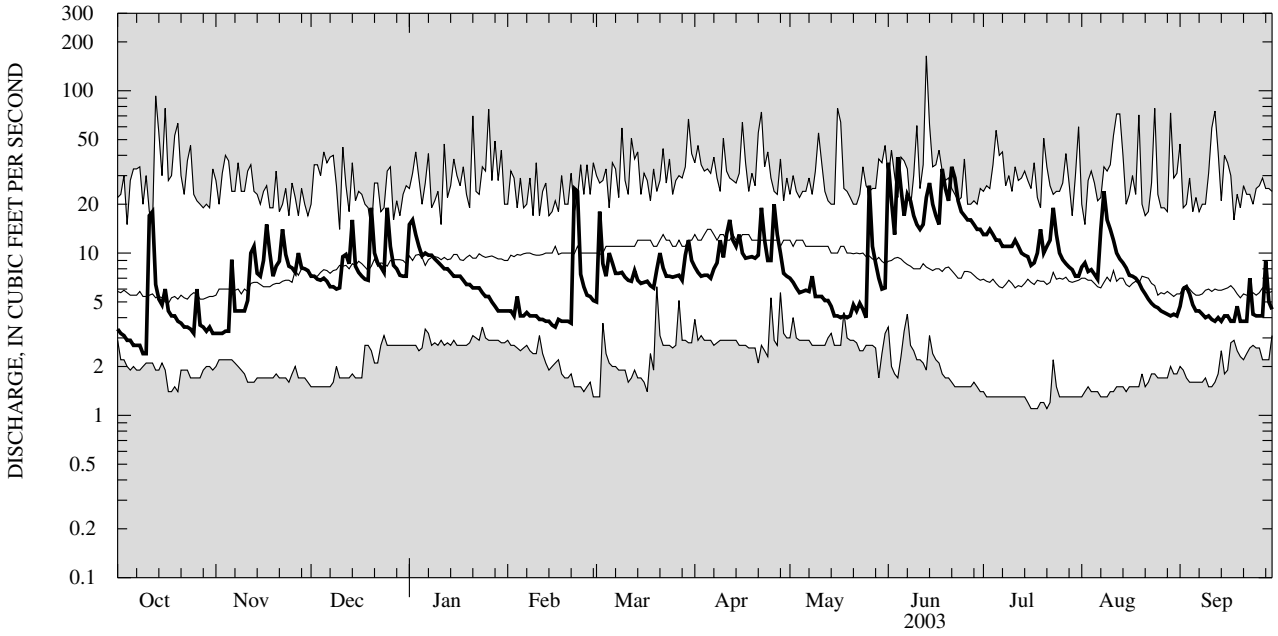
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.4	3.2	7.2	15	4.4	5.0	8.2	7.0	36	13	8.2	4.7
2	3.2	3.2	7.2	16	4.4	18	7.6	6.6	21	13	8.7	6.0
3	3.1	3.2	6.9	13	4.1	8.6	7.2	6.1	13	14	7.7	6.2
4	2.9	3.3	6.8	11	5.4	7.2	7.3	5.7	39	13	7.9	5.6
5	2.9	3.3	7.0	9.6	4.1	10	7.3	5.8	25	12	7.4	4.8
6	2.7	9.1	6.7	10	4.1	8.7	7.0	5.9	17	12	6.9	4.4
7	2.7	4.4	6.2	9.7	4.3	7.5	8.0	5.8	23	11	14	4.4
8	2.7	4.4	6.2	9.7	4.1	7.5	8.7	7.2	21	11	24	4.2
9	2.4	4.4	6.0	9.2	4.1	7.6	12	5.4	17	11	16	4.0
10	2.4	4.4	6.1	8.8	4.1	7.1	9.4	5.4	15	11	14	4.1
11	17	5.1	9.5	8.4	3.9	6.8	13	5.4	14	12	12	3.9
12	18	10	9.8	8.0	3.9	6.7	16	5.1	15	11	10	3.8
13	6.4	11	8.6	8.0	3.8	7.8	12	5.1	22	10	9.2	4.0
14	5.2	7.5	16	7.6	3.8	6.8	11	4.7	27	9.7	8.7	3.8
15	4.8	7.2	8.3	7.2	3.6	6.5	13	4.1	20	9.5	8.1	4.1
16	6.0	9.0	7.6	7.2	3.5	6.6	10	4.1	17	8.4	7.3	4.1
17	4.4	15	7.2	7.2	3.9	6.7	9.3	4.0	15	8.7	7.2	3.8
18	4.1	10	6.9	6.8	3.8	6.3	9.4	4.1	33	10	7.0	3.8
19	4.1	7.2	6.8	6.4	3.8	6.1	9.5	4.0	25	14	6.6	4.7
20	3.8	8.3	19	6.4	3.8	7.9	9.3	4.1	21	10	6.0	3.8
21	3.7	8.9	10	6.1	3.7	10	9.7	4.8	34	11	5.6	3.8
22	3.5	14	8.7	6.1	25	8.1	19	4.4	29	12	5.2	3.8
23	3.5	9.8	8.2	6.1	24	7.2	12	4.9	21	19	4.9	7.0
24	3.4	8.3	7.6	5.7	7.4	7.2	9.0	4.5	18	13	4.7	4.2
25	3.2	8.1	19	5.4	6.2	7.1	9.0	4.0	17	10	4.6	4.1
26	6.0	7.6	11	5.4	5.5	7.2	20	26	16	9.1	4.4	4.1
27	3.6	10	8.4	5.0	5.4	7.3	13	11	16	8.6	4.3	4.1
28	3.5	8.1	8.0	4.7	5.1	6.8	10	8.7	15	8.2	4.2	8.9
29	3.3	8.0	7.3	4.4	---	9.7	7.5	7.0	14	7.9	4.1	5.0
30	3.5	7.8	7.2	4.4	---	12	7.2	6.0	14	7.2	4.2	4.5
31	3.2	---	7.2	4.4	---	9.0	---	6.1	---	7.2	4.1	---
TOTAL	142.6	223.8	268.6	242.9	163.2	247.0	311.6	193.0	630	337.5	247.2	137.7
MEAN	4.60	7.46	8.66	7.84	5.83	7.97	10.4	6.23	21.0	10.9	7.97	4.59
MAX	18	15	19	16	25	18	20	26	39	19	24	8.9
MIN	2.4	3.2	6.0	4.4	3.5	5.0	7.0	4.0	13	7.2	4.1	3.8

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1945 - 2003, BY WATER YEAR (WY)

MEAN	6.94	7.81	9.01	9.89	10.4	12.1	13.1	11.3	10.0	8.27	7.65	7.05
MAX	22.5	19.9	14.8	19.6	16.6	20.1	23.7	20.7	24.3	21.9	20.5	16.3
(WY)	(1991)	(1956)	(1997)	(1978)	(1979)	(1958)	(1983)	(1989)	(1998)	(1975)	(1989)	(1989)
MIN	2.02	1.83	2.16	2.85	2.11	2.48	3.09	3.17	2.42	1.31	2.01	3.23
(WY)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(1995)	(2001)

01308000 SAMPAWAMS CREEK AT BABYLON, NY—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1945 - 2003	
ANNUAL TOTAL	1,382.3		3,145.1			
ANNUAL MEAN	3.79		8.62		9.50	
HIGHEST ANNUAL MEAN					15.4	1984
LOWEST ANNUAL MEAN					2.55	2002
HIGHEST DAILY MEAN	35	Aug 29	39	Jun 4	164	Jun 13, 1998
LOWEST DAILY MEAN	1.1	Jul 16	2.4	Oct 9	1.1	Jul 16, 2002
ANNUAL SEVEN-DAY MINIMUM	1.1	Jul 15	2.7	Oct 4	1.1	Jul 15, 2002
10 PERCENT EXCEEDS	8.0		16		16	
50 PERCENT EXCEEDS	2.8		7.2		8.3	
90 PERCENT EXCEEDS	1.4		3.8		4.2	



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.

01308500 CARLLS RIVER AT BABYLON, NY

LOCATION.--Lat 40°42'31", long 73°19'44", Suffolk County, Hydrologic Unit 02030202, on left bank 130 ft downstream from outlet of Southards Pond in Babylon, and 0.9 mi upstream from mouth.

DRAINAGE AREA.--About 35 mi^2.

PERIOD OF RECORD.--October 1944 to current year.

REVISED RECORDS.--WSP 1141: Drainage area. WDR NY 1972: 1947 (m), 1952 (m), 1954 (m), 1958 (m) 1960- 63 (m).

GAGE.--Water-stage recorder and concrete control. Datum of gage is 10.63 ft above NGVD of 1929.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Occasional regulation at outlet of Southards Pond.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 369 ft^3/s, Apr. 22, 2000, gage height, 2.58 ft; minimum, 0.05 ft^3/s, July 6, 1966, Aug. 29, 1972, result of regulation, Jan. 18, 2000, result of freezeup; minimum gage height, 0.03 ft, Sept. 4, 1963, July 6, 1966, Aug. 29, 1972, result of regulation, Jan. 18, 2000, result of freezeup.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 179 ft^3/s, June 22, gage height, 1.83 ft; minimum, 7.8 ft^3/s, part or all of each day Oct. 9-11, gage height 0.40 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	e10	e15	e35	20	26	25	25	94	33	26	19
2	11	e10	e15	e40	20	57	25	25	45	32	28	25
3	11	e10	e15	e30	19	49	24	24	33	35	24	26
4	10	e10	e14	e25	22	33	24	21	111	33	32	23
5	9.8	e10	14	e24	21	39	24	22	68	30	26	21
6	9.2	e25	14	e23	19	38	22	23	42	28	24	19
7	8.6	13	13	e23	20	32	23	23	51	27	28	19
8	8.4	13	13	e22	19	31	27	25	57	27	53	18
9	8.1	13	13	e22	18	31	32	23	41	26	32	17
10	7.8	12	12	e21	19	29	31	22	37	26	28	17
11	e50	12	e15	e21	19	27	34	22	36	29	26	16
12	e60	e25	e16	e21	18	27	39	22	36	27	25	17
13	e20	e30	e15	e21	18	28	31	21	55	25	24	16
14	e15	e20	e35	e21	17	28	28	21	57	24	22	17
15	e12	e16	e20	e20	e16	25	28	20	57	24	22	16
16	e15	e16	e17	e20	e16	25	28	20	40	25	21	14
17	e12	e35	e15	e20	e17	25	26	20	36	24	22	19
18	e11	e25	e15	e20	e16	24	25	20	75	24	22	19
19	e10	e16	e15	e20	e16	24	25	19	54	34	20	19
20	e10	e16	e40	e20	16	25	25	19	44	25	20	16
21	e10	e20	e20	e20	17	35	25	22	72	28	20	15
22	e10	e35	e17	e19	63	27	42	25	111	26	20	15
23	e10	e20	e14	e19	123	25	31	23	60	51	19	22
24	e10	e18	e15	e19	55	23	26	24	48	33	18	19
25	e10	e16	e40	e19	35	22	25	21	44	27	18	19
26	e15	e16	e20	e19	30	22	41	75	41	25	18	17
27	e11	e20	e18	e19	29	24	39	52	38	24	17	17
28	e10	e16	e16	e19	27	22	30	33	36	23	17	26
29	e10	e16	e15	e19	---	23	28	30	34	22	16	21
30	e10	e16	e15	e19	---	35	26	27	34	22	17	18
31	e10	---	e15	19	---	26	---	26	---	21	16	---
TOTAL	426.9	530	546	679	745	907	859	795	1,587	860	721	562
MEAN	13.8	17.7	17.6	21.9	26.6	29.3	28.6	25.6	52.9	27.7	23.3	18.7
MAX	60	35	40	40	123	57	42	75	111	51	53	26
MIN	7.8	10	12	19	16	22	22	19	33	21	16	14

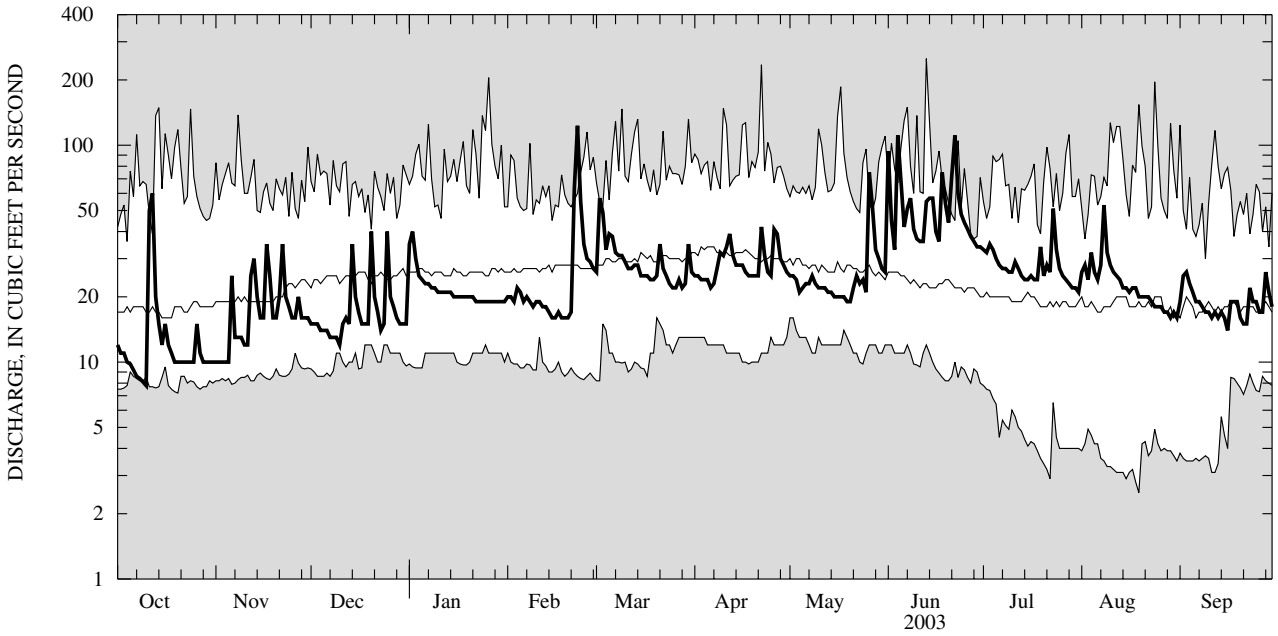
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1945 - 2003, BY WATER YEAR (WY)

MEAN	19.9	23.0	25.9	27.7	28.9	32.2	33.4	29.5	26.2	21.2	20.7	19.4
MAX	52.0	50.3	48.8	55.8	49.3	54.5	64.3	53.8	52.9	49.6	40.7	36.4
(WY)	(1991)	(1956)	(1978)	(1978)	(1979)	(1979)	(1983)	(1989)	(2003)	(1984)	(1990)	(1960)
MIN	9.50	8.78	11.0	11.3	9.51	13.1	13.2	13.7	11.2	4.90	5.22	8.30
(WY)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(1966)	(1995)	(1995)	(2002)	(1995)	(1995)

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1945 - 2003	
ANNUAL TOTAL	4,778.8		9,217.9			
ANNUAL MEAN	13.1		25.3		25.6	
HIGHEST ANNUAL MEAN					39.9	1978
LOWEST ANNUAL MEAN					11.4	2002
HIGHEST DAILY MEAN	112	Aug 29	123	Feb 23	251	Jun 13, 1998
LOWEST DAILY MEAN	2.5	Aug 19	7.8	Oct 10	2.5	Aug 19, 2002
ANNUAL SEVEN-DAY MINIMUM	3.0	Aug 13	8.8	Oct 4	3.0	Aug 13, 2002
10 PERCENT EXCEEDS	20		40		40	
50 PERCENT EXCEEDS	11		22		23	
90 PERCENT EXCEEDS	4.6		13		13	

e Estimated

01308500 CARLLS RIVER AT BABYLON, NY—Continued



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.

01309225 GREAT SOUTH BAY AT LINDENHURST, NY

LOCATION.--Lat 40°40'09", long 73°21'22", Suffolk County, Hydrologic Unit 2030202, at Village of Lindenhurst Charles J. Cowan Marina, in Lindenhurst.

PERIOD OF RECORD.--July 2002 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929.

REMARKS.--Records good except those estimated from reconstructed graph and reported to the nearest 0.01 ft, which are fair; and to the nearest 0.1 ft, which are poor. Satellite and telephone elevation telemeter at station. Interruptions of record on Jan. 24 and 28 and July 19-28 were due to malfunction of recording instrument.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 3.66 ft, Dec. 25, 2002; minimum, -1.19 ft, Nov. 24, 2002, Jan. 23, 2003.

EXTREMES OUTSIDE PERIOD OF RECORD.--Storm tide of Dec. 11, 1992, reached an elevation of 6.0 ft, from high-water mark at site 3.2 mi west.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.66 ft, Dec. 25; minimum, -1.19 ft, Nov. 24, Jan. 23.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.06	1.14	0.51	1.39	1.12	1.14	0.51	1.14	1.77	1.08	1.26	1.31
2	0.90	0.74	0.23	1.80	0.83	1.32	0.79	1.19	1.07	1.13	1.24	1.57
3	1.23	0.92	0.24	2.32	0.31	0.63	1.10	1.24	0.86	1.36	1.17	1.76
4	1.91	1.30	0.46	2.13	0.77	0.40	1.32	1.20	1.21	1.31	1.23	1.56
5	1.69	1.44	0.85	1.49	-0.02	0.61	1.62	1.07	1.27	1.15	1.29	1.45
6	1.54	1.86	1.42	1.43	-0.31	1.03	0.78	1.09	1.06	1.11	1.32	1.38
7	1.77	1.33	0.92	1.11	0.13	1.03	0.64	1.08	1.07	1.24	1.29	1.37
8	1.57	1.23	0.35	1.02	0.14	0.73	1.32	1.22	1.31	1.28	1.29	1.45
9	1.51	0.77	0.07	1.05	-0.15	0.68	1.32	1.07	1.53	1.38	1.30	1.69
10	1.52	1.13	0.50	1.22	0.10	0.33	1.35	1.08	1.27	1.57	1.30	1.49
11	1.80	1.31	0.94	0.36	0.20	0.33	1.59	1.31	1.25	1.67	1.32	1.31
12	2.41	0.98	1.41	-0.17	0.25	0.33	1.60	1.57	1.30	1.54	1.24	1.70
13	2.19	1.20	1.25	0.02	-0.42	0.54	1.24	1.31	1.51	1.36	1.14	1.63
14	1.33	1.12	1.88	-0.13	-0.37	0.71	0.95	1.23	1.47	1.28	1.04	1.40
15	1.66	0.91	0.86	0.45	-0.06	0.69	0.68	1.31	1.44	1.24	1.16	1.41
16	2.58	1.21	0.93	0.35	0.05	0.87	0.75	1.58	1.47	1.31	1.32	1.38
17	1.87	2.13	1.13	0.65	1.25	1.28	1.64	1.34	1.16	1.22	1.47	1.29
18	1.52	0.95	1.24	0.99	1.89	1.58	1.61	1.12	1.21	1.17	1.45	1.89
19	1.35	0.11	1.00	1.14	1.21	1.72	1.18	0.92	1.35	e1.2	1.18	2.06
20	1.05	0.78	1.47	0.50	0.75	1.55	1.22	0.88	1.58	e1.1	0.87	1.37
21	1.18	1.15	1.14	-0.03	0.61	1.38	1.26	0.85	1.59	e1.3	0.92	1.31
22	1.23	1.58	0.69	-0.35	0.97	1.22	1.50	1.01	1.51	e1.2	1.08	1.52
23	1.00	0.38	0.72	-0.44	1.39	1.04	1.07	1.13	1.41	e1.1	1.08	1.75
24	0.85	-0.30	0.60	e0.4	0.06	1.05	0.69	1.30	1.37	e1.0	1.07	1.44
25	1.08	-0.02	1.73	0.61	-0.22	0.99	1.05	1.21	1.35	e0.8	1.03	1.52
26	1.91	0.75	0.82	0.50	0.13	0.98	1.60	1.49	1.34	e0.7	1.18	1.65
27	1.22	1.03	0.87	0.50	0.64	0.88	1.43	1.33	1.41	e0.8	1.34	1.80
28	0.92	0.78	0.92	e0.3	1.18	0.90	1.07	1.26	1.30	e0.9	1.32	1.99
29	0.99	0.66	0.98	0.42	---	0.98	0.99	1.23	1.17	1.26	1.31	1.87
30	1.29	1.07	0.94	0.55	---	0.98	1.03	1.38	1.09	1.18	1.31	1.25
31	1.49	---	1.26	0.83	---	0.57	---	1.54	---	1.33	1.27	---
MEAN	1.47	0.99	0.91	0.72	0.44	0.92	1.16	1.22	1.32	1.20	1.22	1.55
MAX	2.58	2.13	1.88	2.32	1.89	1.72	1.64	1.58	1.77	1.67	1.47	2.06
MIN	0.85	-0.30	0.07	-0.44	-0.42	0.33	0.51	0.85	0.86	0.70	0.87	1.25

CAL YR 2002 MEAN 1.21 MAX 2.58 MIN -0.30
WTR YR 2003 MEAN 1.10 MAX 2.58 MIN -0.44

e Estimated from reconstructed graph

01309225 GREAT SOUTH BAY AT LINDENHURST, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL HIGH-HIGH VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.79	1.96	1.63	2.35	2.13	1.95	1.36	1.95	2.37	2.00	1.89	2.11
2	1.72	1.54	1.08	2.90	1.94	2.18	1.73	2.05	1.92	1.58	2.09	2.43
3	2.52	1.84	1.12	3.35	1.15	1.26	2.03	2.17	1.20	2.03	1.94	2.63
4	2.83	2.26	1.56	3.25	1.86	1.20	2.34	1.94	1.85	2.17	1.96	2.30
5	2.52	2.42	1.86	2.41	0.51	1.45	2.25	1.46	2.22	2.02	2.07	2.23
6	2.53	3.11	2.48	2.32	0.25	1.76	2.06	1.83	2.01	1.81	2.17	2.27
7	2.84	2.26	1.84	1.92	0.68	1.73	1.25	1.89	1.67	1.96	2.15	2.18
8	2.59	2.19	1.20	1.75	0.83	1.61	1.79	1.91	1.98	2.01	2.19	2.51
9	2.55	1.62	0.93	1.68	0.68	1.46	2.16	1.90	2.22	2.19	2.24	2.71
10	2.51	2.04	1.14	1.77	0.61	1.06	2.04	1.80	2.05	2.62	2.25	2.14
11	2.90	2.00	1.79	1.18	0.92	0.96	2.17	2.20	2.19	2.60	2.28	2.21
12	3.35	1.62	2.29	0.39	1.23	0.97	2.34	2.30	2.43	2.51	2.07	2.46
13	2.82	1.84	1.87	0.66	0.15	0.96	1.97	2.08	2.58	2.29	1.95	2.40
14	1.94	1.73	2.61	0.48	0.36	1.46	1.71	2.21	2.58	2.23	1.82	2.15
15	2.44	1.55	1.50	1.28	0.88	1.42	1.49	2.49	2.45	2.19	1.79	2.03
16	3.32	2.23	1.81	1.08	0.95	1.63	2.37	2.59	2.27	1.91	2.01	2.00
17	2.50	2.87	1.91	1.57	2.81	2.10	3.06	2.26	1.71	2.15	2.15	1.99
18	2.17	2.06	2.11	1.95	2.97	2.52	2.40	1.70	1.96	1.96	2.11	2.60
19	2.07	0.90	1.85	2.26	2.12	2.79	1.80	2.00	2.11	1.90	1.78	2.73
20	1.71	1.68	2.44	1.46	1.55	2.57	2.14	1.90	2.28	e1.6	1.49	1.95
21	1.95	1.99	2.17	0.98	1.51	2.04	2.21	1.71	2.24	e1.8	1.69	2.03
22	2.05	2.52	1.61	0.56	1.76	2.25	2.30	1.69	2.13	e1.7	1.83	2.40
23	1.87	0.90	1.51	0.38	2.47	2.05	2.12	1.75	2.01	e1.7	1.84	2.44
24	1.71	0.49	1.36	e1.18	0.93	1.92	1.48	1.91	2.04	e1.5	1.88	2.28
25	1.88	0.81	3.66	1.51	0.65	1.81	1.65	1.80	2.07	e1.4	1.92	2.41
26	2.74	1.68	2.12	1.32	0.78	1.76	2.14	2.17	2.16	e1.4	2.18	2.41
27	2.03	1.72	1.48	1.50	1.39	1.57	2.19	1.95	2.25	e1.5	2.19	2.64
28	1.57	1.46	1.58	e0.9	1.99	1.54	1.72	2.06	2.09	1.96	2.09	2.96
29	1.78	1.46	1.89	1.34	---	1.71	1.73	2.16	2.07	2.16	2.14	2.84
30	2.12	1.77	1.77	1.49	---	1.72	1.92	2.31	2.01	2.04	2.07	2.12
31	2.26	---	2.18	1.79	---	1.34	---	2.65	---	2.40	2.07	---
MEAN	2.31	1.82	1.82	1.58	1.29	1.70	2.00	2.03	2.10	1.98	2.01	2.35
MAX	3.35	3.11	3.66	3.35	2.97	2.79	3.06	2.65	2.58	2.62	2.28	2.96
MIN	1.57	0.49	0.93	0.38	0.15	0.96	1.25	1.46	1.20	1.40	1.49	1.95

CAL YR 2002 MEAN 2.04 MAX 3.66 MIN 0.49
WTR YR 2003 MEAN 1.92 MAX 3.66 MIN 0.15

e Estimated from reconstructed graph

01309225 GREAT SOUTH BAY AT LINDENHURST, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL LOW-HIGH VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.44	1.71	1.03	2.14	1.76	1.64	1.10	1.70	2.31	1.47	*---	1.93
2	1.28	1.49	1.04	2.42	0.97	2.03	1.34	1.64	1.40	*---	1.88	1.93
3	1.63	1.72	0.85	3.31	1.01	1.09	1.65	1.71	*---	2.03	1.88	2.29
4	2.71	2.06	0.99	2.12	1.15	0.91	2.05	1.61	1.79	1.77	1.85	2.04
5	2.37	2.35	1.83	*---	*---	1.40	*---	*---	1.61	1.72	1.81	1.85
6	2.34	2.03	1.71	1.93	0.19	*---	1.16	1.49	1.45	1.71	1.78	1.67
7	2.43	*---	*---	1.77	0.52	1.57	0.98	1.41	1.56	1.83	1.62	1.83
8	2.21	2.05	1.14	1.63	0.56	1.10	1.79	1.53	1.84	1.85	1.69	1.89
9	*---	1.36	0.24	1.46	0.00	1.15	1.56	1.42	2.15	1.87	1.74	2.22
10	2.14	1.33	0.96	1.73	0.28	0.58	1.73	1.53	1.87	1.86	1.81	2.09
11	2.01	1.91	0.90	0.67	0.39	0.59	2.09	1.72	1.76	2.23	1.82	1.90
12	2.89	1.38	1.62	0.23	0.40	0.61	2.05	2.10	1.79	2.06	1.77	2.39
13	2.82	1.63	1.56	0.40	0.09	0.93	1.73	1.93	2.09	1.91	1.73	2.02
14	1.89	1.70	2.23	0.32	0.15	1.07	1.56	1.87	1.99	1.77	1.61	*---
15	2.02	1.43	1.26	0.77	0.38	1.23	1.47	1.83	1.99	1.79	*---	1.89
16	2.91	1.64	1.32	0.87	0.86	1.56	1.34	2.29	2.24	*---	1.97	1.89
17	2.42	2.59	1.76	1.04	2.30	2.08	2.38	1.95	*---	1.73	2.02	1.58
18	2.09	0.70	1.55	1.76	2.25	2.41	2.39	*---	1.79	1.70	2.00	1.82
19	2.03	0.79	1.44	1.43	1.83	2.57	*---	1.43	1.83	e1.7	1.76	2.54
20	1.67	1.47	2.06	0.64	*---	2.30	1.74	1.32	2.17	e1.6	1.26	1.70
21	1.84	1.72	1.20	*---	1.39	*---	1.76	1.29	2.18	e1.7	1.12	1.54
22	1.72	1.93	*---	0.53	1.57	1.82	1.93	1.58	1.99	e1.6	1.33	1.75
23	1.31	0.37	1.38	-0.20	2.08	1.54	1.38	1.62	1.87	e1.5	1.37	2.36
24	1.41	*---	1.18	e0.8	0.35	1.48	1.04	1.88	1.77	e1.3	1.46	2.01
25	*---	0.15	1.49	1.13	-0.03	1.40	1.59	1.69	1.72	e1.1	1.39	2.18
26	1.98	0.77	1.08	0.97	0.69	1.39	2.10	2.10	1.64	e1.1	1.57	2.39
27	1.84	1.46	1.38	0.79	1.20	1.21	1.79	1.86	1.78	e1.2	1.95	2.59
28	1.41	1.40	1.49	e0.89	1.79	1.46	1.68	1.74	1.68	e1.4	1.89	2.64
29	1.24	1.21	1.41	0.93	---	1.67	1.60	1.67	1.56	1.73	2.02	*---
30	1.62	1.72	1.49	1.17	---	1.53	1.51	1.79	1.49	1.67	1.95	2.11
31	1.98	---	1.84	1.62	---	1.27	---	1.89	---	1.95	*---	---
MEAN	1.99	1.50	1.36	1.22	0.93	1.43	1.66	1.71	1.83	1.68	1.72	2.04
MAX	2.91	2.59	2.23	3.31	2.30	2.57	2.39	2.29	2.31	2.23	2.02	2.64
MIN	1.24	0.15	0.24	-0.20	-0.03	0.58	0.98	1.29	1.40	1.10	1.12	1.54

CAL YR 2002 MEAN 1.71 MAX 2.91 MIN 0.15
WTR YR 2003 MEAN 1.59 MAX 3.31 MIN -0.20

e Estimated from reconstructed graph
* Only a single high tide occurred

01309225 GREAT SOUTH BAY AT LINDENHURST, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL HIGH-LOW VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	*---	0.80	0.12	0.70	0.44	0.53	0.02	0.56	1.36	0.55	0.60	0.76
2	0.39	0.05	-0.39	1.16	0.34	0.81	0.16	0.62	0.53	0.62	0.62	1.15
3	0.53	0.29	-0.45	1.90	-0.29	-0.03	0.57	0.66	0.41	0.79	0.61	1.11
4	1.11	0.58	-0.12	1.55	0.05	-0.12	0.66	0.74	0.67	0.76	0.71	1.00
5	1.01	0.78	0.31	0.87	-0.35	0.04	1.24	0.59	0.75	0.56	0.70	*---
6	0.82	1.07	0.84	0.84	-0.76	0.40	0.16	0.65	0.49	0.63	0.77	0.79
7	0.99	0.70	0.27	0.54	-0.22	0.50	0.38	0.55	0.74	0.63	*---	0.87
8	0.87	0.51	-0.12	0.53	-0.21	0.31	0.90	0.69	0.85	*---	0.74	0.76
9	0.85	0.21	-0.27	0.53	-0.54	0.33	0.87	0.50	*---	0.62	0.67	1.07
10	0.84	0.76	0.07	0.82	-0.04	-0.10	0.86	0.53	0.84	0.86	0.57	0.93
11	1.53	0.78	0.95	*---	-0.11	-0.06	1.10	*---	0.64	1.09	0.71	0.67
12	1.85	0.45	1.04	-0.57	*---	-0.10	*---	0.91	0.64	1.01	0.69	1.24
13	1.62	*---	1.06	*---	-0.86	0.11	0.83	0.64	0.83	0.79	0.54	1.05
14	0.74	0.61	*---	-0.60	-0.92	*---	0.41	0.59	0.86	0.72	0.47	0.89
15	*---	0.36	0.65	-0.13	-0.64	0.03	-0.03	0.61	0.89	0.65	0.64	1.00
16	2.43	0.66	0.27	-0.17	-0.53	0.21	-0.06	0.95	0.85	0.67	0.72	0.91
17	1.61	1.46	0.60	0.07	1.02	0.61	1.01	0.67	0.63	0.63	1.02	0.92
18	1.06	1.09	0.68	0.47	1.26	0.87	0.90	0.55	0.62	0.66	0.92	2.03
19	0.67	-0.42	0.40	0.45	0.57	0.87	0.51	0.37	0.84	e0.7	0.69	1.62
20	0.51	0.34	1.09	-0.02	0.21	0.80	0.59	0.38	1.09	e0.8	0.42	*---
21	0.60	0.64	0.66	-0.63	-0.05	0.67	0.63	0.36	1.21	e0.9	0.56	0.84
22	0.60	1.15	0.16	-0.89	0.41	0.66	0.98	0.49	0.96	*---	*---	0.90
23	0.39	-0.06	0.19	-0.70	1.09	0.38	0.44	0.72	*---	e0.7	0.67	1.14
24	0.40	-0.58	0.15	-0.13	-0.42	0.53	0.32	0.82	0.96	e0.6	0.52	0.91
25	0.56	-0.28	0.73	0.11	*---	0.41	*---	*---	0.92	e0.3	0.50	0.82
26	1.49	0.45	0.22	-0.08	-0.40	*---	1.27	0.80	0.88	e0.2	0.57	0.96
27	0.68	0.52	0.45	*---	0.05	0.36	1.16	0.98	0.92	e0.2	0.65	1.16
28	0.45	0.18	0.32	-0.08	0.65	0.34	0.60	0.67	0.81	e0.3	0.72	1.33
29	0.48	*---	*---	-0.18	---	0.32	0.42	0.61	0.60	0.60	0.65	1.16
30	*---	0.52	0.37	-0.04	---	0.49	0.39	0.80	0.53	0.64	0.69	0.57
31	0.86	---	0.65	0.19	---	0.18	---	0.89	---	0.70	0.68	---
MEAN	0.93	0.49	0.38	0.23	-0.01	0.36	0.62	0.65	0.80	0.65	0.66	1.02
MAX	2.43	1.46	1.09	1.90	1.26	0.87	1.27	0.98	1.36	1.09	1.02	2.03
MIN	0.39	-0.58	-0.45	-0.89	-0.92	-0.12	-0.06	0.36	0.41	0.20	0.42	0.57

CAL YR 2002 MEAN 0.66 MAX 2.43 MIN -0.58
WTR YR 2003 MEAN 0.57 MAX 2.43 MIN -0.92

e Estimated from reconstructed graph
* Only a single low tide occurred

01309225 GREAT SOUTH BAY AT LINDENHURST, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL LOW-LOW VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.44	0.34	-0.45	0.42	0.24	0.49	-0.23	0.42	0.93	0.36	0.50	0.56
2	0.18	-0.06	-0.84	0.70	-0.08	0.42	0.15	0.58	0.23	0.42	0.60	0.79
3	0.33	-0.05	-0.54	1.07	-0.38	-0.19	0.35	0.55	-0.04	0.74	0.46	1.02
4	0.99	0.36	-0.48	1.23	0.04	-0.25	0.65	0.49	0.59	0.64	0.54	0.80
5	0.88	0.41	-0.24	0.75	-0.80	-0.14	0.86	0.45	0.62	0.49	0.54	0.74
6	0.59	1.05	0.65	0.73	-0.86	0.37	0.08	0.52	0.43	0.39	0.57	0.72
7	0.88	0.54	0.21	0.47	-0.36	0.42	0.02	0.54	0.38	0.50	0.53	0.63
8	0.70	0.45	-0.49	0.38	-0.51	0.04	0.75	0.69	0.65	0.57	0.49	0.70
9	0.65	0.11	-0.59	0.47	-0.74	-0.01	0.71	0.42	0.77	0.62	0.59	0.86
10	0.76	0.37	-0.05	0.52	-0.43	-0.13	0.80	0.49	0.40	0.81	0.52	0.77
11	0.83	0.59	0.17	-0.18	-0.38	-0.19	0.96	0.60	0.41	0.79	0.59	0.66
12	1.61	0.43	0.30	-0.73	-0.33	-0.14	0.90	0.85	0.48	0.64	0.49	0.79
13	1.19	0.72	0.82	-0.48	-1.14	0.06	0.52	0.50	0.68	0.44	0.43	0.99
14	0.60	0.51	1.38	-0.86	-0.98	0.06	0.20	0.26	0.57	0.53	0.38	0.74
15	1.06	0.36	0.24	-0.25	-0.77	0.01	-0.12	0.42	0.51	0.53	0.44	0.77
16	1.29	0.22	0.22	-0.40	-0.81	0.08	-0.22	0.78	0.63	0.59	0.66	0.85
17	1.08	1.35	0.22	-0.15	-0.33	0.38	0.30	0.57	0.40	0.45	0.82	0.64
18	0.78	-0.02	0.63	0.00	1.01	0.68	0.77	0.34	0.58	0.50	0.87	1.13
19	0.64	-0.65	0.34	0.42	0.37	0.86	0.45	0.14	0.72	0.62	0.55	1.04
20	0.39	-0.19	0.38	-0.34	-0.11	0.74	0.47	0.17	0.91	e0.6	0.35	0.77
21	0.44	0.40	0.30	-0.76	-0.14	0.66	0.60	0.22	0.85	e0.8	0.31	0.74
22	0.59	0.72	-0.17	-1.11	0.20	0.34	0.85	0.45	0.88	e0.8	0.43	0.84
23	0.36	-0.31	0.15	-1.19	-0.08	0.31	0.19	0.44	0.79	e0.7	0.48	1.01
24	0.11	-1.19	-0.14	-0.22	-0.74	0.35	-0.06	0.62	0.73	e0.5	0.42	0.60
25	0.38	-0.71	0.71	-0.17	-0.85	0.30	0.43	0.53	0.71	e0.3	0.33	0.75
26	1.34	0.05	-0.11	-0.13	-0.85	0.33	0.58	0.66	0.65	e0.2	0.43	0.91
27	0.58	0.23	0.17	-0.05	-0.16	0.25	0.70	0.61	0.69	e0.2	0.58	0.95
28	0.29	-0.15	0.26	e-0.71	0.20	0.27	0.34	0.58	0.60	e0.28	0.62	1.09
29	0.41	-0.16	0.38	-0.32	---	0.30	0.20	0.53	0.49	0.59	0.60	1.08
30	0.68	0.24	0.06	-0.31	---	0.25	0.36	0.68	0.39	0.47	0.56	0.55
31	0.76	---	0.29	-0.11	---	-0.42	---	0.79	---	0.60	0.54	---
MEAN	0.70	0.20	0.12	-0.04	-0.35	0.21	0.42	0.51	0.59	0.54	0.52	0.82
MAX	1.61	1.35	1.38	1.23	1.01	0.86	0.96	0.85	0.93	0.81	0.87	1.13
MIN	0.11	-1.19	-0.84	-1.19	-1.14	-0.42	-0.23	0.14	-0.04	0.20	0.31	0.55

CAL YR 2002 MEAN 0.46 MAX 1.61 MIN -1.19
WTR YR 2003 MEAN 0.36 MAX 1.61 MIN -1.19

e Estimated from reconstructed graph

01310521 HUDSON BAY AT FREEPORT, NY

LOCATION.--Lat 40°37'39", long 73°34'33", Nassau County, Hydrologic Unit 2030202, at Town of Hempstead Guy Lombardo Marina, in Freeport.

PERIOD OF RECORD.--October 1999 to current year. January 1975 to November 1993, in files of Town of Hempstead Department of Conservation & Waterways.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. January 1975 to November 1993, water-stage recorder at site 1100 ft west.

REMARKS.--Records excellent except those in November and January to May, which are good; and in December and June to September, which are fair. Satellite and telephone elevation telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 5.25 ft, Mar. 7, 2001; minimum, -3.86 ft, Feb. 11, 2001.

EXTREMES OUTSIDE PERIOD OF RECORD.--Storm tides of Dec. 11, 1992, and Oct. 31, 1991, reached elevations of 7.2 and 7.0 ft, respectively, from information provided by Town of Hempstead Department of Conservation & Waterways. Minimum elevation recorded, -4.4 ft, Mar. 16, 1980, from information provided by Town of Hempstead Department of Conservation & Waterways.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 5.17 ft, Jan. 3; minimum, -3.43 ft, Jan. 22.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.00	0.92	0.19	1.33	1.10	1.04	0.39	1.12	1.67	1.02	1.19	1.13
2	0.83	0.56	0.13	1.82	0.44	1.34	0.71	1.13	0.89	1.09	1.09	1.53
3	1.23	0.87	0.15	2.45	0.10	0.24	1.04	1.19	0.74	1.30	0.99	1.61
4	2.00	1.25	0.36	1.87	0.79	0.23	1.28	1.06	1.13	1.18	1.14	1.48
5	1.45	1.35	0.96	1.29	-0.55	0.61	1.58	0.96	1.22	0.99	1.14	1.39
6	1.33	1.74	1.29	1.33	-0.38	0.96	0.45	1.02	0.90	0.95	1.21	1.37
7	1.63	1.16	0.69	1.04	0.17	0.91	0.55	1.01	0.92	1.15	1.20	1.36
8	1.35	1.01	-0.05	0.92	0.12	0.56	1.47	1.13	1.22	1.23	1.32	1.44
9	1.27	0.56	0.11	1.01	-0.39	0.59	1.23	0.96	1.49	1.25	1.26	1.69
10	1.32	1.19	0.47	1.18	0.28	0.28	1.28	0.92	1.12	1.50	1.31	1.35
11	1.70	1.14	1.18	0.15	0.11	0.32	1.61	1.26	1.19	1.66	1.22	1.13
12	2.43	0.89	1.18	-0.25	-0.06	0.31	1.49	1.55	1.21	1.49	1.10	1.66
13	1.99	1.24	1.34	-0.02	-0.56	0.55	1.02	1.22	1.45	1.20	1.02	1.41
14	1.21	1.11	1.77	-0.09	-0.51	0.70	0.75	1.14	1.42	1.07	0.91	1.28
15	1.75	0.80	0.61	0.49	-0.10	0.65	0.59	1.07	1.33	1.13	1.12	1.32
16	2.72	1.37	0.90	0.34	0.15	0.86	0.51	1.39	1.25	1.23	1.31	1.24
17	1.65	2.28	1.26	0.64	1.82	1.31	1.72	1.23	0.95	1.02	1.33	1.23
18	1.39	0.38	1.14	1.08	1.52	1.52	1.34	0.84	1.12	1.04	1.35	1.88
19	1.35	0.10	1.01	0.92	0.82	1.54	1.00	0.71	1.29	1.11	1.11	1.96
20	0.83	0.93	1.71	0.02	0.34	1.25	0.99	0.69	1.44	1.09	0.83	1.29
21	1.17	1.18	0.74	-0.32	0.39	1.13	1.10	0.71	1.54	1.25	1.02	1.27
22	1.14	1.65	0.65	-0.93	0.95	0.95	1.35	0.91	1.37	1.22	1.14	1.52
23	0.81	-0.12	0.51	-0.46	1.10	0.79	0.91	1.06	1.38	1.12	1.12	1.77
24	0.84	-0.43	0.44	0.35	-0.48	0.88	0.58	1.33	1.36	1.00	1.11	1.31
25	1.07	0.06	1.87	0.42	-0.41	0.90	1.02	1.11	1.36	0.82	1.09	1.47
26	1.93	0.88	0.35	0.36	0.29	0.90	1.63	1.47	1.38	0.76	1.25	1.49
27	1.01	0.96	0.72	0.22	0.71	0.78	1.22	1.26	1.44	0.81	1.30	1.68
28	0.81	0.68	0.85	0.36	1.30	0.78	1.02	1.29	1.25	0.95	1.15	1.87
29	1.02	0.68	0.81	0.33	---	1.03	0.89	1.29	1.12	1.25	1.21	1.56
30	1.37	0.92	0.88	0.56	---	0.84	0.95	1.38	1.03	1.02	1.11	0.94
31	1.47	---	1.28	0.94	---	0.50	---	1.52	---	1.14	1.13	---
MEAN	1.39	0.91	0.82	0.62	0.32	0.81	1.06	1.13	1.24	1.13	1.15	1.45
MAX	2.72	2.28	1.87	2.45	1.82	1.54	1.72	1.55	1.67	1.66	1.35	1.96
MIN	0.81	-0.43	-0.05	-0.93	-0.56	0.23	0.39	0.69	0.74	0.76	0.83	0.94

CAL YR 2002 MEAN 0.93 MAX 2.72 MIN -0.70
WTR YR 2003 MEAN 1.01 MAX 2.72 MIN -0.93

01310521 HUDSON BAY AT FREEPORT, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL HIGH-HIGH VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.88	3.18	3.17	3.85	3.75	3.42	2.70	3.48	3.33	3.49	3.57	3.73
2	2.96	3.08	3.06	4.84	3.35	3.74	2.99	3.57	3.22	3.63	3.26	4.03
3	3.55	3.59	3.06	5.17	2.51	2.52	3.30	3.56	3.17	3.55	3.32	4.04
4	4.58	4.28	3.64	4.90	3.51	2.75	3.62	3.13	3.50	3.31	3.55	3.62
5	4.14	4.37	3.83	3.97	1.55	2.87	3.42	3.01	3.20	2.90	3.46	3.67
6	4.28	5.06	4.36	3.86	1.70	2.93	2.17	3.04	2.35	3.10	3.70	3.75
7	4.86	3.99	3.53	3.01	1.95	2.66	1.76	3.00	2.85	3.40	3.69	3.75
8	4.32	3.67	2.67	2.71	2.04	2.64	2.92	2.40	3.21	3.59	3.80	4.09
9	4.33	3.07	2.45	2.71	1.55	1.88	3.08	3.09	3.76	3.78	3.88	4.30
10	4.17	3.41	2.32	2.90	1.53	2.00	3.31	2.91	3.58	4.34	3.96	3.68
11	4.29	3.11	2.72	2.20	2.08	1.91	3.32	3.24	3.98	4.41	3.96	3.55
12	4.68	2.49	3.71	1.11	2.16	2.07	3.46	3.70	4.15	4.25	3.79	3.79
13	3.93	2.84	2.79	1.85	1.28	1.90	3.09	3.74	4.62	4.06	3.54	3.61
14	3.06	2.81	3.77	1.55	1.47	2.46	3.08	3.99	4.55	4.02	3.30	3.33
15	3.49	2.48	2.24	2.65	2.41	2.71	3.36	4.15	4.37	3.91	3.35	3.22
16	5.11	3.40	2.91	2.41	2.77	3.10	3.74	4.87	4.05	3.65	3.39	2.99
17	3.57	4.43	3.32	3.13	4.74	3.84	5.01	4.27	3.63	3.29	3.26	3.01
18	3.30	3.03	3.51	3.54	4.58	4.29	4.30	3.84	3.56	3.18	3.12	3.42
19	3.37	2.48	3.21	3.93	3.60	4.35	4.05	3.55	3.10	2.93	2.83	3.35
20	2.95	3.37	4.23	3.02	3.00	4.54	3.78	3.19	3.59	2.87	2.54	2.92
21	3.32	3.49	3.50	2.59	3.01	3.94	2.93	2.34	3.33	2.97	2.76	3.14
22	3.30	4.21	3.07	1.85	2.84	3.65	3.70	2.90	3.10	3.05	3.08	3.48
23	3.14	2.16	2.83	1.92	4.02	2.73	3.51	2.96	3.16	2.86	3.05	3.89
24	3.08	1.83	2.88	2.77	1.41	3.38	2.43	2.96	3.19	2.80	3.13	3.81
25	3.28	2.40	5.12	3.01	2.14	3.22	2.87	2.80	3.31	2.78	3.39	4.07
26	4.14	3.04	3.21	2.69	2.24	3.15	3.45	3.18	3.46	3.03	3.89	4.01
27	2.83	2.77	2.78	3.07	2.80	2.83	3.17	3.14	3.65	3.17	3.91	4.42
28	2.67	2.73	3.10	2.82	3.52	2.65	3.05	3.38	3.45	3.59	3.80	4.77
29	2.94	2.90	3.25	2.79	---	3.08	3.01	3.60	3.55	3.76	3.77	4.70
30	3.40	3.26	3.25	3.02	---	3.02	3.36	3.65	3.42	3.57	3.55	3.73
31	3.53	---	4.00	3.42	---	2.90	---	3.94	---	3.77	3.76	---
MEAN	3.66	3.23	3.27	3.01	2.63	3.00	3.26	3.37	3.51	3.45	3.46	3.73
MAX	5.11	5.06	5.12	5.17	4.74	4.54	5.01	4.87	4.62	4.41	3.96	4.77
MIN	2.67	1.83	2.24	1.11	1.28	1.88	1.76	2.34	2.35	2.78	2.54	2.92

CAL YR 2002 MEAN 3.25 MAX 5.12 MIN 1.39
WTR YR 2003 MEAN 3.30 MAX 5.17 MIN 1.11

01310521 HUDSON BAY AT FREEPORT, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL LOW-HIGH VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.29	3.06	1.83	3.56	2.97	2.92	2.36	2.79	3.27	2.51	3.21	3.25
2	2.16	2.81	2.46	3.53	1.78	3.34	2.68	2.74	2.19	2.71	3.18	*---
3	2.80	3.49	2.27	4.36	2.22	1.97	2.99	2.83	2.12	3.17	3.13	3.31
4	4.20	3.73	2.37	2.96	2.14	2.06	2.81	2.61	2.70	3.00	*---	3.13
5	3.88	3.78	3.57	2.91	1.04	2.66	3.17	2.48	2.62	*---	2.92	2.84
6	3.94	3.02	2.75	3.03	1.47	2.81	1.86	2.30	*---	3.01	2.78	2.57
7	3.75	3.23	2.02	2.74	*---	2.60	*---	2.26	2.55	3.04	2.55	2.91
8	3.62	2.10	1.01	*---	1.36	2.03	2.73	*---	3.02	3.03	2.66	2.95
9	3.41	2.48	*---	2.24	0.65	*---	2.15	2.29	3.26	2.86	2.90	3.45
10	3.13	*---	2.22	2.53	1.32	1.51	2.33	2.42	2.92	2.97	2.99	3.38
11	*---	2.89	2.05	1.38	0.88	1.25	2.94	2.97	2.87	3.45	3.09	3.08
12	3.73	2.23	2.27	0.78	0.90	1.21	3.05	3.60	3.17	3.35	3.11	3.70
13	3.79	2.76	2.38	0.89	0.90	1.85	2.92	3.29	3.35	3.10	3.14	3.00
14	2.47	2.71	2.94	1.11	1.18	2.17	3.01	3.36	3.51	3.06	2.95	2.90
15	2.99	2.39	2.16	1.72	1.59	2.39	3.00	3.25	3.34	3.12	3.12	2.96
16	3.80	2.64	2.27	1.92	2.48	3.05	2.80	3.49	3.50	3.37	3.26	2.29
17	3.25	3.73	2.87	2.23	4.15	3.74	4.06	3.51	2.95	3.03	2.86	*---
18	3.08	0.93	2.64	3.08	3.44	4.14	3.70	3.09	3.05	2.93	*---	2.63
19	2.95	2.20	2.68	2.31	3.24	4.34	3.23	2.73	*---	*---	2.71	3.32
20	2.84	2.52	3.07	1.46	2.98	3.75	3.07	2.52	3.06	2.83	2.02	2.21
21	3.06	2.83	1.86	1.59	2.77	3.50	*---	*---	3.28	2.60	1.88	2.13
22	2.88	2.79	2.48	0.72	*---	3.02	2.92	2.55	3.01	2.23	1.93	2.62
23	2.32	0.87	2.26	*---	3.33	*---	2.38	2.60	2.79	2.21	2.23	3.44
24	2.35	1.02	2.64	2.31	1.24	2.53	1.92	2.96	2.68	2.03	2.50	3.16
25	2.86	*---	*---	2.12	0.72	2.38	2.55	2.77	2.53	1.92	2.36	3.67
26	2.78	1.82	1.95	1.88	1.81	2.30	3.01	2.81	2.46	1.81	2.70	3.96
27	*---	2.67	2.44	1.48	2.32	2.22	2.96	2.79	2.68	1.96	3.39	4.14
28	2.25	2.54	2.49	1.81	3.13	2.40	2.80	2.68	2.59	2.28	3.18	3.89
29	2.23	2.21	2.32	2.06	---	2.93	2.68	2.70	2.53	2.90	3.59	3.13
30	2.61	2.58	2.79	2.40	---	2.94	2.54	2.87	2.45	2.77	3.28	*---
31	3.13	---	3.20	2.99	---	2.59	---	2.87	---	2.99	3.32	---
MEAN	3.05	2.57	2.42	2.21	2.00	2.64	2.81	2.83	2.87	2.77	2.86	3.11
MAX	4.20	3.78	3.57	4.36	4.15	4.34	4.06	3.60	3.51	3.45	3.59	4.14
MIN	2.16	0.87	1.01	0.72	0.65	1.21	1.86	2.26	2.12	1.81	1.88	2.13

CAL YR 2002 MEAN 2.63 MAX 4.20 MIN 0.51
WTR YR 2003 MEAN 2.68 MAX 4.36 MIN 0.65

* Only a single high tide occurred

01310521 HUDSON BAY AT FREEPORT, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL HIGH-LOW VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-0.49	-1.12	*---	-1.28	-1.19	-0.85	-1.88	-1.07	-0.16	-0.96	-1.02	-0.91
2	-1.09	*---	-2.71	-0.63	-1.24	-0.88	-1.52	-0.91	-0.85	-0.91	-1.02	-0.25
3	-0.78	-1.97	-2.49	0.21	-2.26	-1.20	-1.00	-0.70	-0.97	-0.65	-0.84	-0.23
4	*---	-1.57	-2.47	0.31	-1.33	-1.77	-0.74	-0.89	-0.46	-0.61	-0.61	-0.39
5	-0.73	-1.52	-1.60	-1.06	-2.20	-1.69	-0.04	-0.81	-0.33	-0.80	-0.62	-0.42
6	-1.52	-0.76	-0.97	-0.82	-2.22	-1.17	-1.20	-0.44	-0.67	-0.69	-0.83	-0.48
7	-1.13	-1.32	-1.34	-0.67	-1.37	-0.97	-0.95	-0.39	-0.39	-0.56	-0.83	*---
8	-1.47	-0.82	-1.87	-0.10	-1.26	-1.18	0.24	-0.04	-0.47	-0.76	-0.75	-0.76
9	-1.29	-1.16	-1.40	-0.26	-1.66	-0.58	0.25	-0.35	-0.56	-0.88	*---	-0.41
10	-0.97	-0.41	-0.90	0.25	-0.63	-0.90	0.15	-0.61	-1.17	-0.81	-1.04	-0.91
11	0.07	-0.04	0.05	-0.43	-0.76	-0.72	0.22	-0.20	-1.31	*---	-1.23	-1.10
12	1.00	-0.54	0.28	-1.61	-1.92	-0.66	-0.29	-0.72	*---	-0.98	-1.33	-0.34
13	0.56	0.04	-0.05	-1.04	-2.25	-0.65	-1.33	*---	-1.39	-1.28	-1.31	-0.57
14	-0.25	-0.30	0.95	-1.34	-2.23	-1.08	*---	-1.50	-1.26	-1.45	-1.30	-0.53
15	0.21	-0.82	-1.10	-1.39	*---	-1.38	-1.92	-1.80	-1.26	-1.23	-0.82	-0.31
16	1.70	0.59	-0.87	*---	-2.55	*---	-2.49	-1.42	-1.10	-0.82	-0.34	-0.25
17	-0.35	0.33	*---	-1.50	-0.14	-1.43	-1.04	-1.31	-1.30	-0.87	-0.26	0.12
18	*---	*---	-0.59	-1.28	-0.71	-1.32	-1.22	-1.71	-0.67	-0.67	0.02	1.15
19	-0.49	-1.89	-1.20	-1.17	-1.83	-1.23	-1.54	-1.46	-0.29	-0.36	-0.24	0.79
20	-1.29	-1.24	0.06	-1.92	-2.11	-1.61	-1.24	-1.21	0.12	-0.29	-0.52	0.10
21	-0.97	-0.97	-0.75	-2.68	-2.00	-1.34	-0.73	-0.97	0.21	0.15	-0.15	-0.11
22	-1.00	-0.32	-1.55	-3.14	-0.48	-1.34	-0.23	-0.37	-0.05	-0.29	-0.25	-0.13
23	-1.01	-1.22	-1.61	-2.22	-0.15	-1.22	-0.82	-0.31	-0.09	-0.23	-0.34	*---
24	-1.15	-2.10	-1.66	-1.75	-1.98	-0.82	-0.79	-0.15	-0.27	-0.72	-0.54	-0.93
25	-0.82	-1.42	-0.28	-1.25	-2.18	-0.47	-0.50	-0.55	-0.35	-0.78	*---	-1.08
26	0.35	-0.81	-1.18	-1.40	-1.35	-0.86	0.01	-0.18	*---	*---	-1.00	-1.14
27	-0.51	-0.37	-1.02	-1.69	-1.01	-1.11	*---	*---	-0.39	-1.14	-1.06	-0.99
28	-0.41	-0.86	-1.00	-1.74	*---	-1.02	-0.82	-0.66	-0.69	-0.99	-1.31	-0.62
29	-0.44	-1.02	-1.10	-2.07	---	*---	-1.11	-0.73	-0.84	-0.87	-1.22	-0.76
30	-0.16	-1.23	-1.27	*---	---	-1.10	-1.29	-0.69	-0.97	-1.18	-1.36	-1.15
31	-0.31	---	*---	-1.56	---	-1.23	---	-0.41	---	-1.03	-1.09	---
MEAN	-0.51	-0.89	-1.06	-1.21	-1.50	-1.10	-0.85	-0.78	-0.64	-0.78	-0.80	-0.45
MAX	1.70	0.59	0.95	0.31	-0.14	-0.47	0.25	-0.04	0.21	0.15	0.02	1.15
MIN	-1.52	-2.10	-2.71	-3.14	-2.55	-1.77	-2.49	-1.80	-1.39	-1.45	-1.36	-1.15

CAL YR 2002 MEAN -0.97 MAX 1.70 MIN -3.04
WTR YR 2003 MEAN -0.88 MAX 1.70 MIN -3.14

* Only a single low tide occurred

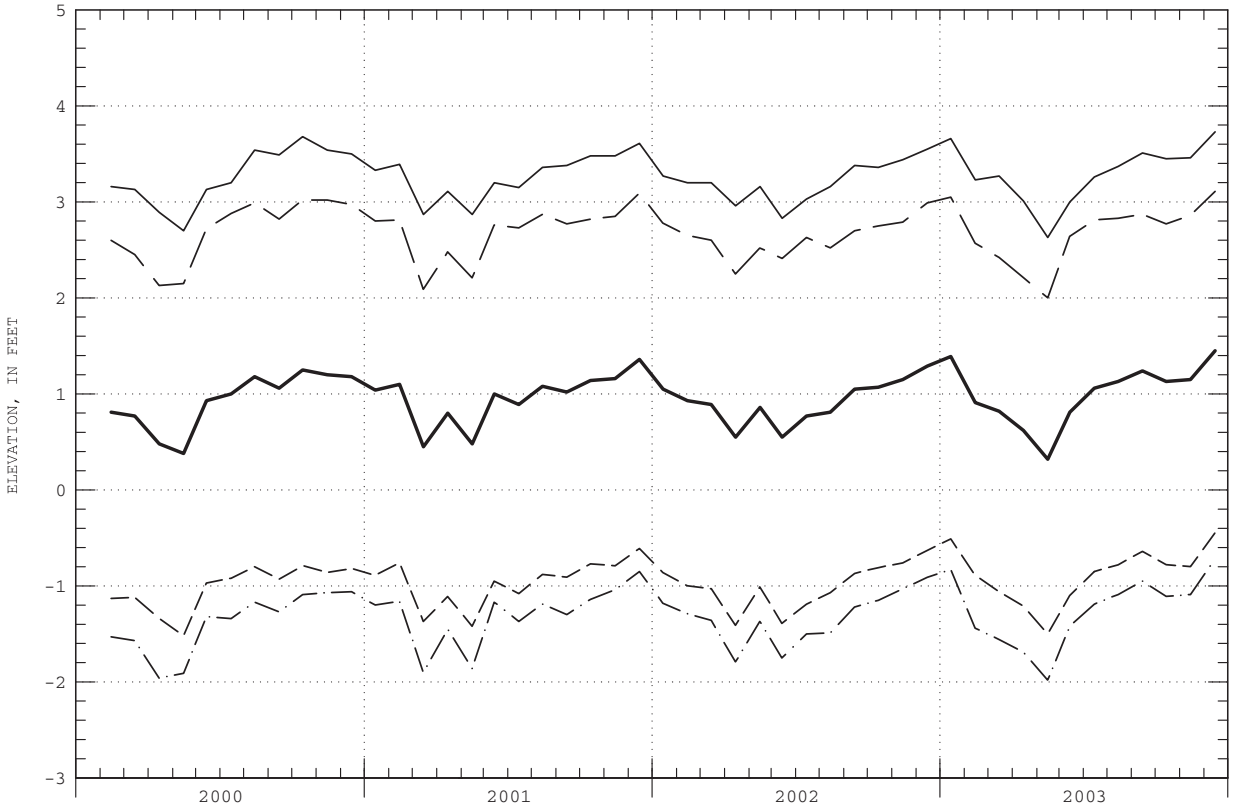
01310521 HUDSON BAY AT FREEPORT, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL LOW-LOW VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-1.01	-2.42	-2.65	-1.59	-1.40	-1.47	-2.23	-1.13	-0.27	-1.29	-1.14	-1.26
2	-1.25	-2.08	-2.72	-0.74	-2.20	-1.16	-1.61	-1.22	-1.15	-1.25	-1.33	-0.81
3	-1.06	-2.17	-2.53	-0.44	-2.35	-2.49	-1.34	-1.03	-1.41	-1.09	-1.34	-0.41
4	-0.54	-1.83	-2.62	-0.93	-1.45	-2.23	-1.08	-0.90	-0.95	-0.93	-1.06	-0.60
5	-1.45	-1.84	-2.48	-1.07	-2.88	-1.92	-0.38	-0.85	-0.70	-1.16	-1.09	-0.82
6	-2.10	-0.87	-1.28	-0.83	-2.41	-1.24	-1.32	-0.77	-0.97	-1.31	-0.83	-0.77
7	-1.32	-1.46	-1.70	-0.90	-1.47	-1.30	-1.49	-0.69	-1.21	-1.04	-1.04	-0.67
8	-1.49	-1.28	-2.04	-1.13	-1.40	-1.22	-0.06	-0.44	-0.88	-1.02	-1.03	-1.08
9	-1.56	-1.65	-1.90	-0.69	-1.80	-1.16	-0.25	-0.84	-0.66	-1.03	-1.11	-0.81
10	-1.18	-0.60	-1.25	-0.61	-1.02	-1.16	-0.27	-1.04	-1.38	-1.14	-1.06	-0.95
11	-0.69	-0.83	-0.62	-1.79	-1.48	-0.94	0.12	-1.07	-1.47	-0.85	-1.26	-1.36
12	0.57	-0.57	-1.31	-1.66	-2.40	-0.98	-0.64	-0.99	-1.64	-1.06	-1.39	-0.74
13	0.03	-0.90	-0.25	-2.40	-2.61	-1.09	-1.36	-1.50	-1.41	-1.40	-1.45	-0.63
14	-0.49	-1.03	-0.97	-1.82	-2.94	-1.14	-1.96	-1.76	-1.40	-1.53	-1.66	-0.89
15	0.07	-1.28	-1.12	-1.76	-2.58	-1.70	-2.53	-1.95	-1.38	-1.50	-1.42	-0.66
16	0.14	-0.65	-1.25	-1.84	-2.56	-1.80	-2.68	-1.72	-1.42	-1.32	-1.00	-0.32
17	-0.36	0.03	-0.85	-1.70	-1.94	-1.52	-1.54	-1.46	-1.46	-1.46	-0.67	-0.33
18	-0.68	-1.96	-1.12	-1.37	-1.39	-1.40	-1.49	-1.79	-1.20	-1.25	-0.60	0.41
19	-0.80	-2.82	-1.22	-1.64	-1.89	-1.45	-1.67	-1.77	-0.92	-1.02	-0.45	0.25
20	-1.33	-1.49	-0.59	-2.86	-2.35	-1.69	-1.38	-1.56	-0.75	-0.89	-0.64	-0.37
21	-1.17	-1.02	-2.12	-3.10	-2.03	-1.60	-1.29	-1.35	-0.49	-0.49	-0.57	-0.46
22	-1.02	-0.55	-1.81	-3.43	-1.59	-1.50	-0.73	-1.12	-0.54	-0.46	-0.40	-0.23
23	-1.52	-2.43	-1.62	-3.29	-1.69	-1.46	-0.83	-0.91	-0.39	-0.52	-0.87	-0.10
24	-1.29	-2.40	-1.88	-1.78	-2.62	-1.14	-1.42	-0.54	-0.42	-0.75	-1.02	-1.14
25	-0.87	-2.08	-0.78	-1.60	-2.58	-0.88	-0.96	-0.70	-0.44	-1.15	-0.83	-1.15
26	0.12	-0.87	-1.97	-1.59	-1.77	-0.93	-0.13	-0.51	-0.51	-0.98	-1.14	-1.33
27	-0.70	-0.96	-1.44	-2.22	-1.51	-1.25	-0.94	-0.88	-0.41	-1.21	-1.09	-1.29
28	-0.72	-1.59	-1.43	-1.99	-1.03	-1.44	-1.31	-0.79	-0.70	-1.48	-1.50	-0.90
29	-0.74	-1.88	-1.86	-2.12	---	-1.22	-1.38	-0.82	-0.99	-1.18	-1.59	-0.83
30	-0.44	-1.58	-1.52	-1.81	---	-1.44	-1.40	-0.83	-1.13	-1.33	-1.57	-1.44
31	-0.90	---	-1.32	-1.61	---	-2.17	---	-0.71	---	-1.43	-1.53	---
MEAN	-0.83	-1.44	-1.56	-1.69	-1.98	-1.42	-1.19	-1.09	-0.95	-1.11	-1.09	-0.72
MAX	0.57	0.03	-0.25	-0.44	-1.02	-0.88	0.12	-0.44	-0.27	-0.46	-0.40	0.41
MIN	-2.10	-2.82	-2.72	-3.43	-2.94	-2.49	-2.68	-1.95	-1.64	-1.53	-1.66	-1.44

CAL YR 2002 MEAN -1.34 MAX 0.57 MIN -3.60
WTR YR 2003 MEAN -1.25 MAX 0.57 MIN -3.43

01310521 HUDSON BAY AT FREEPORT, NY—Continued



WATER YEAR MONTHLY MEAN ELEVATION (BOLD) WITH MONTHLY MEAN TIDAL HIGH-HIGH (SOLID), LOW-HIGH (LONG-DASHED), HIGH-LOW (SHORT-DASHED), AND LOW-LOW (DOT-DASHED) ELEVATIONS FOR PERIOD OF RECORD.

01310740 REYNOLDS CHANNEL AT POINT LOOKOUT, NY

LOCATION.--Lat 40°35'36", long 73°35'03", Nassau County, Hydrologic Unit 2030202, at Town of Hempstead East Marina, 750 ft east of Loop Parkway Bridge, in Point Lookout.

PERIOD OF RECORD.--December 1997 to current year. January 1974 to June 1994, in files of Town of Hempstead Department of Conservation & Waterways. Precipitation, wind speed and direction, air and water temperature, relative humidity, and barometric pressure records for March 1998 to current year are unpublished and available in files of the Geological Survey.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. January 1974 to June 1994, water-stage recorder at site 150 ft northeast.

REMARKS.--Records fair except those in December to March, which are poor. Satellite and telephone telemeter for elevation, precipitation, wind speed and direction, air and water temperature, relative humidity, and barometric pressure parameters at station. Interruptions of record on Dec. 26 and Jan. 23 were due to malfunction of recording instrument.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 5.64 ft, Feb. 24, 1998; minimum, -4.07 ft, Feb. 11, 2001.

EXTREMES OUTSIDE PERIOD OF RECORD.--Storm tide of Sept. 27, 1985, reached an elevation of 7.3 ft, from information provided by Town of Hempstead Department of Conservation & Waterways. Storm tide of Dec. 11, 1992, reached an elevation of 7.3 ft, from high-water mark at site 4.0 mi west. Minimum elevation recorded, -4.9 ft, Jan. 11, 1978, Mar. 16, 1980, from information provided by Town of Hempstead Department of Conservation & Waterways.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 5.32 ft, Jan. 3; minimum, -3.56 ft, Jan. 22.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.96	0.83	0.08	1.31	1.09	1.01	0.37	1.09	1.66	1.00	1.17	1.09
2	0.78	0.49	0.03	1.81	0.40	1.33	0.70	1.14	0.88	1.06	1.06	1.52
3	1.20	0.81	0.12	2.46	0.07	0.24	1.04	1.23	0.71	1.24	0.96	1.60
4	1.94	1.16	0.28	1.82	0.75	0.20	1.29	1.08	1.14	1.16	1.11	1.44
5	1.35	1.27	0.94	1.24	-0.60	0.60	1.59	0.99	1.19	0.96	1.12	1.36
6	1.27	1.71	1.24	1.30	-0.39	0.99	0.47	1.06	0.86	0.93	1.19	1.37
7	1.55	1.11	0.61	1.04	0.19	0.91	0.60	1.04	0.89	1.13	1.16	1.32
8	1.29	0.92	-0.10	0.88	0.11	0.55	1.53	1.18	1.18	1.20	1.25	1.43
9	1.20	0.52	0.10	1.00	-0.41	0.61	1.29	0.97	1.44	1.23	1.22	1.66
10	1.25	1.15	0.43	1.19	0.31	0.32	1.31	0.92	1.05	1.48	1.26	1.33
11	1.68	1.09	1.25	0.13	0.12	0.33	1.67	1.27	1.14	1.63	1.19	1.11
12	2.41	0.92	1.17	-0.24	-0.12	0.33	1.52	1.50	1.15	1.44	1.06	1.66
13	1.97	1.26	1.37	-0.04	-0.57	0.59	0.99	1.16	1.39	1.16	0.97	1.42
14	1.22	1.08	1.76	-0.06	-0.54	0.73	0.69	1.08	1.35	1.05	0.85	1.24
15	1.75	0.75	0.60	0.47	-0.12	0.61	0.50	1.00	1.23	1.10	1.10	1.32
16	2.73	1.40	0.91	0.32	0.17	0.83	0.45	1.33	1.18	1.16	1.27	1.25
17	1.61	2.29	1.26	0.65	1.90	1.28	1.66	1.17	0.88	0.98	1.32	1.24
18	1.35	0.26	1.11	1.07	1.46	1.48	1.26	0.77	1.05	1.02	1.34	1.96
19	1.28	0.08	0.88	0.85	0.74	1.47	0.95	0.66	1.24	1.09	1.11	1.90
20	0.82	0.90	1.60	-0.05	0.27	1.17	0.95	0.63	1.38	1.07	0.81	1.31
21	1.16	1.15	0.67	-0.35	0.34	1.07	1.07	0.68	1.54	1.22	1.02	1.32
22	1.11	1.62	0.61	-0.98	0.94	0.91	1.34	0.91	1.38	1.21	1.15	1.52
23	0.78	-0.17	0.47	e-0.45	1.06	0.76	0.93	1.06	1.38	1.12	1.13	1.73
24	0.84	-0.48	0.41	0.36	-0.50	0.88	0.61	1.34	1.35	0.95	1.10	1.29
25	1.07	0.03	1.90	0.38	-0.40	0.89	1.02	1.10	1.35	0.80	1.04	1.45
26	1.91	0.87	e0.34	0.33	0.31	0.91	1.65	1.48	1.37	0.74	1.22	1.45
27	0.98	0.96	0.70	0.22	0.71	0.77	1.20	1.22	1.43	0.80	1.26	1.61
28	0.80	0.64	0.82	0.31	1.31	0.77	0.99	1.27	1.23	0.96	1.09	1.85
29	1.02	0.60	0.77	0.28	---	0.98	0.88	1.25	1.10	1.24	1.15	1.56
30	1.37	0.84	0.83	0.54	---	0.86	0.94	1.35	1.03	1.01	1.04	0.95
31	1.44	---	1.22	0.93	---	0.51	---	1.50	---	1.13	1.08	---
MEAN	1.36	0.87	0.79	0.60	0.31	0.80	1.05	1.11	1.21	1.11	1.12	1.44
MAX	2.73	2.29	1.90	2.46	1.90	1.48	1.67	1.50	1.66	1.63	1.34	1.96
MIN	0.78	-0.48	-0.10	-0.98	-0.60	0.20	0.37	0.63	0.71	0.74	0.81	0.95

CAL YR 2002 MEAN 0.91 MAX 2.73 MIN -0.69
WTR YR 2003 MEAN 0.98 MAX 2.73 MIN -0.98

e Estimated from reconstructed graph

01310740 REYNOLDS CHANNEL AT POINT LOOKOUT, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL HIGH-HIGH VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.91	3.22	3.21	3.93	3.85	3.51	2.80	3.49	3.44	3.60	3.65	3.77
2	3.01	3.11	3.04	4.95	3.43	3.85	3.10	3.72	3.28	3.68	3.35	4.10
3	3.65	3.64	3.10	5.32	2.55	2.57	3.36	3.68	3.27	3.64	3.38	4.08
4	4.62	4.32	3.71	4.98	3.54	2.84	3.71	3.26	3.58	3.37	3.62	3.66
5	4.17	4.43	3.92	4.06	1.58	2.95	3.48	3.14	3.23	3.04	3.58	3.73
6	4.34	5.18	4.44	3.91	1.75	3.05	2.30	3.15	2.38	3.11	3.77	3.85
7	4.92	4.08	3.56	3.13	2.00	2.80	3.02	2.30	2.86	3.46	3.77	3.77
8	4.46	3.76	2.71	2.78	2.11	2.72	3.20	3.10	3.29	3.67	3.86	4.13
9	4.37	3.13	2.51	2.78	1.60	1.95	2.26	3.15	3.77	3.88	3.98	4.30
10	4.18	3.45	2.35	2.93	1.58	2.16	3.36	2.93	3.61	4.41	4.01	3.77
11	4.37	3.14	2.82	2.21	2.16	1.96	3.43	3.29	4.05	4.48	4.05	3.69
12	4.72	2.60	3.77	1.14	2.16	2.15	3.61	3.73	4.23	4.30	3.84	3.89
13	3.99	2.91	2.88	1.92	1.31	1.97	3.16	3.81	4.71	4.14	3.61	3.67
14	3.15	2.81	3.82	1.62	1.52	2.61	3.16	4.07	4.60	4.09	3.37	3.36
15	3.56	2.53	2.26	2.76	2.55	2.78	3.38	4.21	4.43	3.92	3.42	3.25
16	5.11	3.50	2.98	2.45	2.84	3.17	3.87	4.97	4.10	3.70	3.40	3.08
17	3.63	4.54	3.42	3.21	4.84	3.91	5.10	4.31	3.67	3.37	3.42	3.07
18	3.35	3.10	3.58	3.62	4.72	4.37	4.37	3.90	3.64	3.19	3.16	3.57
19	3.42	2.51	3.31	3.97	3.70	4.41	4.05	3.64	3.09	2.98	2.87	3.40
20	3.02	3.38	4.12	3.05	3.08	4.58	3.84	3.23	3.61	2.88	2.61	2.99
21	3.40	3.59	3.52	2.64	3.10	3.96	2.96	2.38	3.41	3.02	2.84	3.23
22	3.38	4.20	3.13	1.88	2.95	3.73	3.79	2.98	3.10	3.12	3.11	3.57
23	3.20	2.22	2.87	1.96	4.10	2.83	3.59	3.02	3.19	2.91	3.10	4.03
24	3.17	1.84	2.93	2.89	1.50	3.45	2.51	3.04	3.30	2.79	3.23	3.82
25	3.33	2.44	5.29	3.05	2.19	3.29	2.93	2.85	3.41	2.85	3.41	4.12
26	4.20	3.12	3.23	2.74	2.35	3.22	3.53	3.26	3.53	3.09	3.94	4.07
27	2.87	2.87	2.86	3.15	2.90	2.89	3.24	3.23	3.72	3.27	4.03	4.47
28	2.74	2.77	3.17	2.87	3.60	2.69	3.09	3.47	3.48	3.66	3.82	4.89
29	3.02	2.85	3.29	2.87	---	3.14	3.09	3.65	3.61	3.81	3.84	4.80
30	3.49	3.27	3.32	3.09	---	3.22	3.44	3.72	3.54	3.66	3.62	3.83
31	3.61	---	4.06	3.52	---	2.94	---	3.97	---	3.86	3.81	---
MEAN	3.72	3.28	3.33	3.08	2.70	3.09	3.36	3.44	3.57	3.51	3.53	3.80
MAX	5.11	5.18	5.29	5.32	4.84	4.58	5.10	4.97	4.71	4.48	4.05	4.89
MIN	2.74	1.84	2.26	1.14	1.31	1.95	2.26	2.30	2.38	2.79	2.61	2.99

CAL YR 2002 MEAN 3.31 MAX 5.29 MIN 1.46
WTR YR 2003 MEAN 3.37 MAX 5.32 MIN 1.14

01310740 REYNOLDS CHANNEL AT POINT LOOKOUT, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL LOW-HIGH VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.34	3.10	1.83	3.65	3.03	3.01	2.44	2.83	3.41	2.57	3.29	3.29
2	2.17	2.90	2.44	3.57	1.83	3.42	2.75	2.78	2.27	2.71	3.27	*---
3	2.85	3.54	2.36	4.50	2.25	2.03	3.05	2.97	2.12	3.11	3.20	3.41
4	4.24	3.76	2.41	3.01	2.13	2.12	2.90	2.74	2.76	3.06	*---	3.20
5	3.96	3.80	3.66	3.01	1.09	2.79	3.28	2.56	2.66	2.99	2.97	2.85
6	4.03	3.08	2.82	3.09	1.51	2.91	1.94	2.40	*---	*---	2.86	2.63
7	3.84	3.26	2.03	2.80	*---	2.68	1.81	*---	2.59	3.09	2.61	2.94
8	3.67	2.14	1.09	*---	1.42	2.11	2.83	2.51	3.07	3.15	2.68	2.99
9	3.47	2.50	*---	2.31	0.69	*---	*---	2.34	3.29	2.91	2.90	3.52
10	3.19	*---	2.23	2.61	1.33	1.58	2.39	2.51	2.96	3.04	3.03	3.48
11	*---	2.86	2.08	1.39	0.97	1.24	3.02	3.02	2.93	3.51	3.14	3.19
12	3.75	2.26	2.32	0.93	0.87	1.25	3.12	3.71	3.22	3.36	3.09	3.78
13	3.83	2.81	2.45	0.94	0.90	1.92	2.97	3.33	3.41	3.15	3.12	3.09
14	2.52	2.76	2.96	1.19	1.24	2.19	3.08	3.40	3.51	3.11	3.01	2.90
15	3.05	2.43	2.20	1.77	1.69	2.44	3.07	3.31	3.34	3.16	3.22	3.00
16	3.92	2.72	2.35	1.97	2.59	3.10	2.88	3.55	3.47	3.36	3.34	2.34
17	3.29	3.82	2.93	2.30	4.37	3.84	4.16	3.58	2.95	3.11	*---	*---
18	3.10	0.93	2.67	3.15	3.44	4.20	3.78	3.13	3.05	2.98	2.95	2.67
19	3.02	2.25	2.60	2.35	3.36	4.40	3.32	2.80	*---	*---	2.76	3.37
20	2.93	2.54	3.16	1.49	3.02	3.82	3.11	2.54	3.14	2.82	2.09	2.23
21	3.13	2.84	1.88	1.66	2.81	3.57	*---	*---	3.30	2.62	1.91	2.21
22	2.89	2.80	2.50	0.77	*---	3.12	3.01	2.60	3.09	2.27	1.98	2.65
23	2.34	0.84	2.31	*---	3.40	*---	2.45	2.64	2.86	2.28	2.28	3.48
24	2.40	1.02	2.72	2.42	1.26	2.56	2.06	3.00	2.75	2.04	2.52	3.22
25	2.86	*---	*---	2.14	0.82	2.44	2.61	2.83	2.56	1.87	2.45	3.71
26	2.80	1.86	1.96	1.94	1.88	2.35	3.10	2.86	2.49	1.85	2.77	4.06
27	*---	2.76	2.49	1.55	2.37	2.28	3.00	2.82	2.73	2.02	3.36	4.20
28	2.31	2.60	2.56	1.83	3.20	2.46	2.86	2.75	2.61	2.35	3.30	4.02
29	2.23	2.22	2.42	2.12	---	2.97	2.74	2.74	2.58	2.99	3.63	3.23
30	2.74	2.57	2.82	2.44	---	3.06	2.60	2.91	2.50	2.87	3.37	*---
31	3.16	---	3.27	3.06	---	2.71	---	2.90	---	3.05	3.35	---
MEAN	3.10	2.61	2.47	2.27	2.06	2.71	2.87	2.90	2.92	2.81	2.91	3.17
MAX	4.24	3.82	3.66	4.50	4.37	4.40	4.16	3.71	3.51	3.51	3.63	4.20
MIN	2.17	0.84	1.09	0.77	0.69	1.24	1.81	2.34	2.12	1.85	1.91	2.21

CAL YR 2002 MEAN 2.68 MAX 4.24 MIN 0.58
WTR YR 2003 MEAN 2.74 MAX 4.50 MIN 0.69

* Only a single high tide occurred

01310740 REYNOLDS CHANNEL AT POINT LOOKOUT, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL HIGH-LOW VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-0.53	-1.17	-2.83	*---	-1.22	*---	-1.93	-1.09	-0.13	-0.96	-1.01	-0.95
2	-1.14	-2.15	-2.65	-0.58	-1.28	-0.95	-1.58	-0.91	-0.86	-0.92	-1.05	-0.23
3	-0.88	*---	*---	0.10	-2.36	-1.18	-1.04	-0.69	-0.99	-0.67	-0.82	-0.24
4	*---	-1.74	-2.69	0.29	-1.36	-1.82	-0.72	-0.86	-0.48	-0.63	-0.60	-0.39
5	-0.89	-1.72	-1.71	-1.14	-2.30	-1.76	-0.07	-0.80	-0.39	-0.77	-0.66	-0.46
6	-1.71	-0.86	-0.97	-0.86	-2.25	-1.09	-1.18	-0.37	-0.69	-0.68	-0.84	-0.44
7	-1.30	-1.42	-1.47	-0.67	-1.38	-0.96	-0.87	-0.34	-0.42	-0.55	-0.88	-0.71
8	-1.62	-0.94	-1.92	-0.12	-1.22	-1.23	0.28	0.01	-0.51	-0.77	-0.88	*---
9	-1.43	-1.19	-1.47	-0.28	-1.68	-0.57	0.33	-0.34	-0.59	-0.90	-1.06	-0.47
10	-1.08	-0.48	-0.90	0.29	-0.53	-0.86	0.18	-0.61	-1.20	-0.86	*---	-0.96
11	0.02	-0.03	0.13	-0.45	-0.77	-0.75	0.29	-0.20	-1.38	*---	-1.29	-1.20
12	0.98	-0.51	0.32	-1.62	-1.96	-0.63	-0.25	-0.78	*---	-1.04	-1.40	-0.40
13	0.56	0.04	-0.03	-1.08	-2.29	-0.55	-1.37	-1.56	-1.45	-1.39	-1.38	-0.59
14	-0.25	-0.32	0.95	-1.30	-2.23	-1.04	*---	*---	-1.36	-1.47	-1.31	-0.62
15	0.21	-0.85	-1.07	-1.43	*---	-1.39	-1.97	-1.93	-1.40	-1.27	-0.82	-0.36
16	1.75	0.63	-0.89	*---	-2.55	*---	-2.63	-1.60	-1.16	-0.89	-0.47	-0.26
17	-0.38	*---	*---	-1.51	-0.09	-1.44	-1.29	-1.47	-1.30	-0.88	-0.29	0.08
18	-0.73	-0.07	-0.60	-1.34	-0.72	-1.47	-1.39	-1.76	-0.74	-0.66	0.08	1.24
19	*---	-1.91	-1.24	-1.22	-1.93	-1.50	-1.63	-1.48	-0.30	-0.32	-0.23	0.68
20	-1.30	-1.35	0.06	-1.98	-2.21	-1.80	-1.31	-1.24	0.07	-0.32	-0.49	0.12
21	-1.06	-0.99	-0.79	-2.74	-2.07	-1.48	-0.75	-0.96	0.23	0.11	-0.14	-0.03
22	-1.03	-0.38	-1.64	-3.27	-0.53	-1.39	-0.20	-0.36	0.01	-0.28	-0.22	-0.16
23	-1.06	-1.28	-1.65	-2.26	-0.14	-1.27	-0.78	-0.30	-0.07	-0.29	-0.29	*---
24	-1.14	-2.22	-1.72	-1.70	-1.98	-0.79	-0.72	-0.12	-0.23	-0.66	-0.54	-0.98
25	-0.82	-1.45	-0.28	-1.30	-2.16	-0.45	-0.51	-0.55	-0.36	-0.76	*---	-1.15
26	0.28	-0.78	e-1.11	-1.41	-1.36	-0.87	0.00	-0.18	*---	*---	-1.09	-1.28
27	-0.52	-0.38	-1.03	-1.67	-1.01	-1.08	-0.84	*---	-0.43	-1.18	-1.10	-1.12
28	-0.40	-0.88	-1.02	-1.78	-0.87	-1.02	*---	-0.70	-0.69	-1.00	-1.55	-0.70
29	-0.45	-1.08	-1.12	-2.08	---	*---	-1.10	-0.77	-0.88	-0.86	-1.36	-0.81
30	-0.17	-1.35	-1.36	*---	---	-1.14	-1.36	-0.72	-0.97	-1.17	-1.44	-1.12
31	-0.34	---	-1.33	-1.56	---	-1.31	---	-0.42	---	-1.02	-1.14	---
MEAN	-0.57	-0.96	-1.10	-1.24	-1.50	-1.14	-0.87	-0.80	-0.67	-0.80	-0.84	-0.48
MAX	1.75	0.63	0.95	0.29	-0.09	-0.45	0.33	0.01	0.23	0.11	0.08	1.24
MIN	-1.71	-2.22	-2.83	-3.27	-2.55	-1.82	-2.63	-1.93	-1.45	-1.47	-1.55	-1.28

CAL YR 2002 MEAN -1.00 MAX 1.75 MIN -3.04
WTR YR 2003 MEAN -0.91 MAX 1.75 MIN -3.27

e Estimated from reconstructed graph
* Only a single low tide occurred

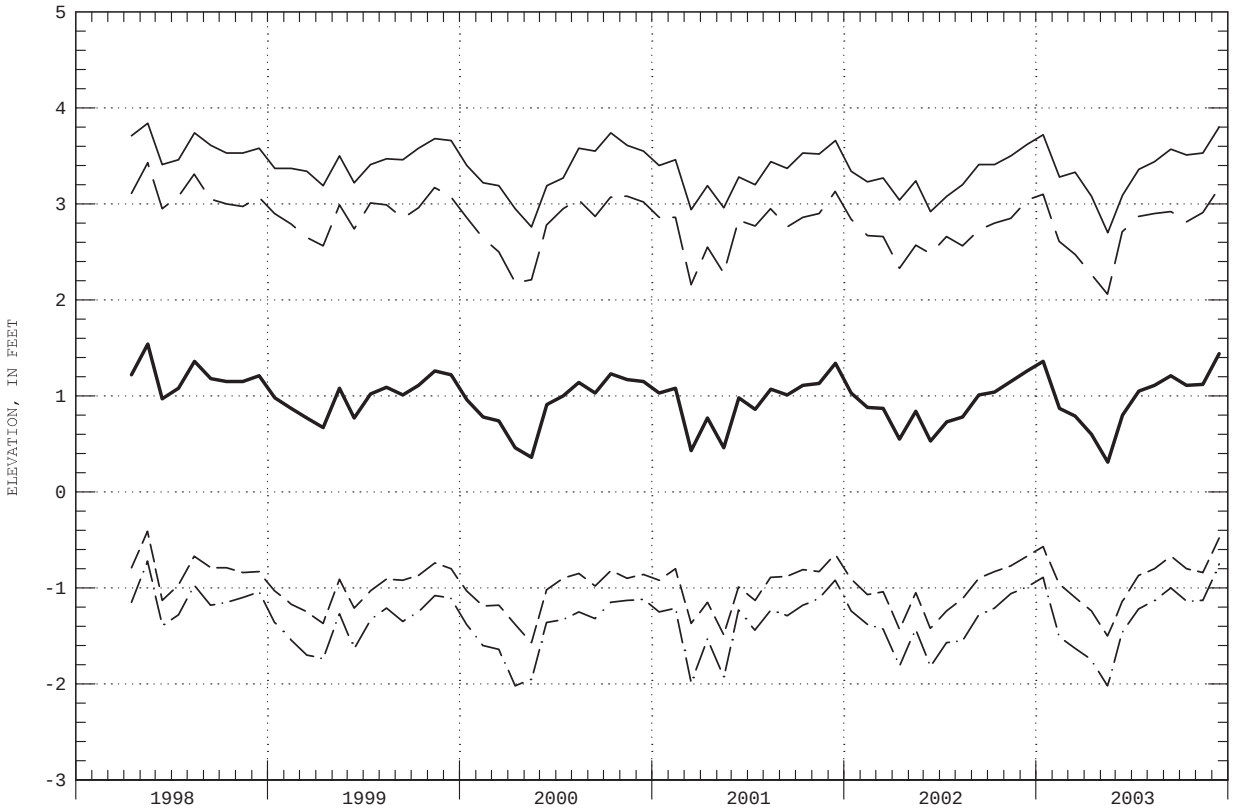
01310740 REYNOLDS CHANNEL AT POINT LOOKOUT, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL LOW-LOW VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-1.11	-2.59	-2.83	-1.77	-1.53	-1.52	-2.25	-1.14	-0.36	-1.32	-1.19	-1.27
2	-1.30	-2.31	-2.86	-0.81	-2.32	-1.18	-1.63	-1.26	-1.19	-1.25	-1.39	-0.88
3	-1.11	-2.09	-2.55	-0.48	-2.40	-2.55	-1.38	-1.00	-1.45	-1.10	-1.38	-0.39
4	-0.64	-2.02	-2.72	-1.09	-1.55	-2.37	-1.11	-0.91	-0.99	-0.95	-1.08	-0.61
5	-1.63	-2.01	-2.59	-1.16	-2.89	-1.95	-0.33	-0.84	-0.70	-1.16	-1.11	-0.85
6	-2.27	-0.98	-1.44	-0.88	-2.41	-1.33	-1.29	-0.72	-1.03	-1.34	-0.86	-0.80
7	-1.52	-1.66	-1.80	-0.90	-1.44	-1.35	-1.44	-0.69	-1.25	-1.06	-1.05	-1.18
8	-1.64	-1.43	-2.09	-1.29	-1.40	-1.24	0.00	-0.43	-0.90	-1.03	-1.09	-0.79
9	-1.65	-1.71	-1.89	-0.71	-1.81	-1.12	-0.21	-0.83	-0.64	-1.04	-1.12	-0.88
10	-1.27	-0.63	-1.34	-0.65	-1.08	-1.08	-0.20	-1.05	-1.42	-1.16	-1.13	-1.03
11	-0.68	-0.92	-0.61	-1.82	-1.41	-0.93	0.14	-1.05	-1.54	-0.84	-1.33	-1.48
12	0.54	-0.57	-1.33	-1.70	-2.46	-0.96	-0.61	-1.08	-1.73	-1.11	-1.51	-0.79
13	-0.01	-0.96	-0.22	-2.41	-2.61	-1.05	-1.39	-1.59	-1.54	-1.43	-1.58	-0.64
14	-0.54	-1.10	-1.02	-1.87	-2.95	-1.09	-2.11	-1.86	-1.51	-1.62	-1.74	-0.93
15	0.06	-1.33	-1.12	-1.76	-2.64	-1.78	-2.64	-2.11	-1.52	-1.61	-1.49	-0.65
16	0.07	-0.71	-1.27	-1.86	-2.62	-1.84	-2.83	-1.94	-1.53	-1.52	-1.02	-0.26
17	-0.43	0.32	-0.81	-1.71	-1.93	-1.58	-1.82	-1.58	-1.56	-1.54	-0.72	-0.30
18	-0.88	-2.10	-1.19	-1.36	-1.54	-1.48	-1.68	-1.91	-1.30	-1.26	-0.57	0.50
19	-0.62	-2.87	-1.47	-1.75	-2.04	-1.59	-1.77	-1.88	-0.95	-1.04	-0.43	0.21
20	-1.38	-1.52	-0.77	-2.99	-2.46	-1.88	-1.50	-1.65	-0.82	-0.90	-0.67	-0.32
21	-1.20	-1.08	-2.24	-3.17	-2.11	-1.67	-1.31	-1.41	-0.49	-0.54	-0.50	-0.46
22	-1.08	-0.62	-1.87	-3.56	-1.67	-1.59	-0.79	-1.13	-0.53	-0.45	-0.38	-0.33
23	-1.55	-2.45	-1.68	-3.31	-1.79	-1.51	-0.84	-0.90	-0.44	-0.52	-0.83	-0.01
24	-1.29	-2.46	-1.95	-1.79	-2.66	-1.14	-1.37	-0.55	-0.42	-0.84	-1.09	-1.13
25	-0.87	-2.09	-0.79	-1.67	-2.58	-0.88	-1.00	-0.72	-0.44	-1.13	-0.88	-1.23
26	0.08	-0.92	-2.01	-1.64	-1.83	-0.91	-0.15	-0.48	-0.49	-0.98	-1.23	-1.32
27	-0.76	-0.99	-1.48	-2.23	-1.51	-1.26	-0.96	-0.93	-0.44	-1.19	-1.16	-1.38
28	-0.72	-1.67	-1.48	-2.03	-1.05	-1.54	-1.37	-0.81	-0.74	-1.52	-1.61	-1.00
29	-0.72	-2.02	-1.97	-2.21	---	-1.34	-1.39	-0.85	-1.03	-1.20	-1.69	-0.85
30	-0.50	-1.73	-1.58	-1.92	---	-1.50	-1.41	-0.86	-1.14	-1.39	-1.70	-1.49
31	-1.02	---	-1.41	-1.62	---	-2.20	---	-0.75	---	-1.45	-1.64	---
MEAN	-0.89	-1.51	-1.63	-1.75	-2.02	-1.46	-1.22	-1.13	-1.00	-1.14	-1.13	-0.75
MAX	0.54	0.32	-0.22	-0.48	-1.05	-0.88	0.14	-0.43	-0.36	-0.45	-0.38	0.50
MIN	-2.27	-2.87	-2.86	-3.56	-2.95	-2.55	-2.83	-2.11	-1.73	-1.62	-1.74	-1.49

CAL YR 2002 MEAN -1.40 MAX 0.54 MIN -3.70
WTR YR 2003 MEAN -1.30 MAX 0.54 MIN -3.56

01310740 REYNOLDS CHANNEL AT POINT LOOKOUT, NY—Continued



WATER YEAR MONTHLY MEAN ELEVATION (BOLD) WITH MONTHLY MEAN TIDAL HIGH-HIGH (SOLID), LOW-HIGH (LONG-DASHED), HIGH-LOW (SHORT-DASHED), AND LOW-LOW (DOT-DASHED) ELEVATIONS FOR PERIOD OF RECORD.

0131079450 HEMPSTEAD LAKE AT HEMPSTEAD, NY

LOCATION.--Lat 40°40'22", long 73°38'49", Nassau County, Hydrologic Unit 2030202, on left side of north face of outlet structure in Hempstead Lake State Park, in West Hempstead.

PERIOD OF RECORD.--May to September 2003.

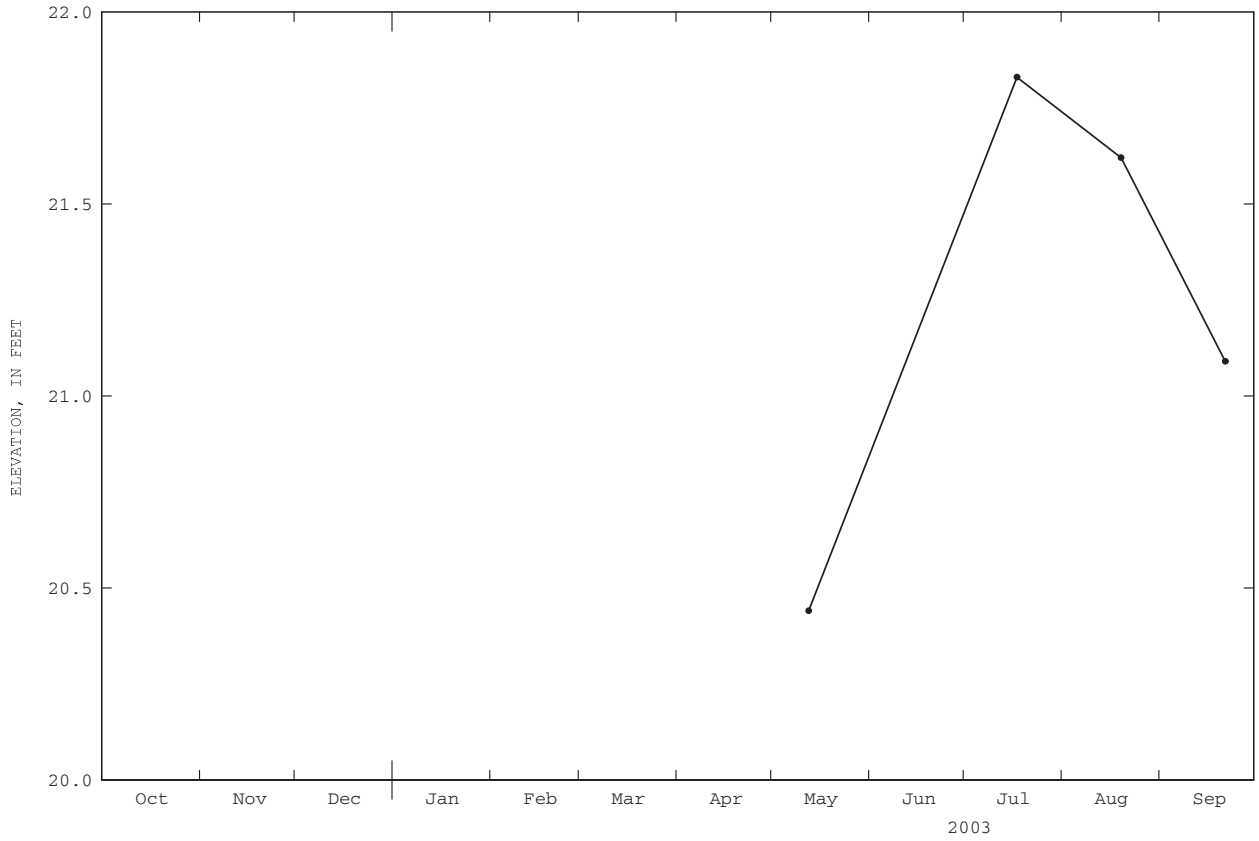
GAGE.--Nonrecording gage read once monthly. Datum of gage is NGVD of 1929.

REMARKS.--Records excellent.

EXTREMES FOR CURRENT PERIOD.--May to September 2003: maximum elevation observed, 21.83 ft, July 18; minimum observed, 20.44 ft, May 13.

ELEVATION, IN FEET, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	ELEVATION	DATE	ELEVATION	DATE	ELEVATION	DATE	ELEVATION
MAY 13	20.44	JUL 18	21.83	AUG 20	21.62	SEP 22	21.09



WATER YEAR MONTHLY ELEVATION MEASUREMENTS.

01311145 EAST ROCKAWAY INLET AT ATLANTIC BEACH, NY

LOCATION.--Lat 40°35'35", long 73°44'16", Nassau County, Hydrologic Unit 2030202, at Nassau County Bridge Authority Atlantic Beach Bridge, in Atlantic Beach.

PERIOD OF RECORD.--August 2002 to current year. November 1972 to October 1998, in files of Town of Hempstead Department of Conservation & Waterways.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. November 1972 to September 1989, water-stage recorder at site 900 ft west. October 1990 to October 1998, water-stage recorder at site 300 ft south.

REMARKS.--Records excellent except those in December to March, June to September, and estimated from reconstructed graph for Apr. 20 and May 18, which are good; and those estimated from reconstructed graph for Apr. 19 and May 16-17 and reported to the nearest 0.01 ft, which are fair; and to the nearest 0.1 ft, which are poor. Satellite and telephone elevation telemeter at station. Interruptions of record on Apr. 19-20 and May 16-18 were due to malfunction of recording instrument.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 5.56 ft, Dec. 25, 2002; minimum, -3.86 ft, Jan. 22, 2003.

EXTREMES OUTSIDE PERIOD OF RECORD.--Storm tides of Dec. 11, 1992, and Oct. 31, 1991, reached elevations of 7.7 and 6.7 ft, respectively, from information provided by Town of Hempstead Department of Conservation & Waterways. Minimum elevation recorded, -5.0 ft, Jan. 10, 1978, from information provided by Town of Hempstead Department of Conservation & Waterways.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 5.56 ft, Dec. 25; minimum, -3.86 ft, Jan. 22.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.78	0.60	-0.17	1.13	0.91	0.84	0.22	0.96	1.48	0.85	1.00	0.93
2	0.59	0.27	-0.18	1.63	0.16	1.15	0.55	0.97	0.69	0.90	0.88	1.37
3	1.00	0.59	-0.12	2.33	-0.11	0.02	0.90	1.05	0.57	1.10	0.79	1.45
4	1.76	0.93	0.07	1.57	0.56	0.04	1.20	0.90	1.03	1.00	0.94	1.26
5	1.09	1.07	0.77	1.04	-0.82	0.43	1.46	0.82	1.04	0.80	0.95	1.18
6	1.04	1.44	1.01	1.12	-0.56	0.82	0.28	0.91	0.69	0.78	1.03	1.18
7	1.29	0.87	0.40	0.83	0.03	0.74	0.51	0.87	0.76	0.98	1.00	1.14
8	1.06	0.68	-0.31	0.70	-0.09	0.38	1.41	1.02	1.04	1.03	1.08	1.26
9	0.99	0.32	-0.06	0.83	-0.57	0.43	1.16	0.82	1.29	1.07	1.07	1.51
10	1.06	1.00	0.27	1.00	0.17	0.14	1.20	0.76	0.87	1.35	1.09	1.14
11	1.52	0.90	1.13	-0.06	-0.06	0.18	1.56	1.13	0.96	1.47	1.02	0.94
12	2.27	0.76	0.98	-0.43	-0.33	0.19	1.35	1.32	0.97	1.26	0.89	1.53
13	1.78	1.09	1.23	-0.22	-0.77	0.46	0.81	0.95	1.25	0.98	0.80	1.27
14	1.03	0.91	1.58	-0.22	-0.73	0.58	0.52	0.87	1.18	0.87	0.69	1.08
15	1.61	0.56	0.40	0.28	-0.28	0.45	0.31	0.90	1.05	0.93	0.94	1.15
16	2.59	1.29	0.69	0.13	0.03	0.67	0.25	e1.1	1.01	0.98	1.12	1.08
17	1.41	2.13	1.09	0.47	1.83	1.10	1.60	e1.2	0.71	0.81	1.17	1.11
18	1.16	0.00	0.94	0.89	1.23	1.29	1.11	e0.64	0.89	0.86	1.20	1.90
19	1.06	-0.08	0.71	0.63	0.52	1.29	e0.9	0.48	1.09	0.94	0.96	1.77
20	0.64	0.73	1.40	-0.32	0.05	1.00	e0.83	0.46	1.25	0.91	0.66	1.15
21	0.97	0.98	0.46	-0.55	0.15	0.87	0.91	0.52	1.40	1.07	0.87	1.17
22	0.93	1.44	0.42	-1.18	0.80	0.70	1.19	0.78	1.24	1.05	0.99	1.38
23	0.58	-0.42	0.25	-0.64	0.82	0.58	0.73	0.93	1.24	0.95	0.97	1.54
24	0.66	-0.64	0.22	0.13	-0.69	0.72	0.44	1.22	1.22	0.79	0.94	1.09
25	0.91	-0.11	1.70	0.18	-0.58	0.76	0.89	0.96	1.21	0.65	0.89	1.24
26	1.75	0.72	0.05	0.15	0.17	0.75	1.54	1.36	1.23	0.59	1.06	1.23
27	0.77	0.78	0.51	-0.02	0.57	0.62	1.05	1.08	1.28	0.63	1.08	1.40
28	0.64	0.44	0.60	0.13	1.16	0.62	0.84	1.13	1.07	0.80	0.91	1.63
29	0.87	0.37	0.56	0.10	---	0.84	0.72	1.11	0.95	1.08	0.97	1.31
30	1.22	0.61	0.66	0.37	---	0.68	0.80	1.21	0.88	0.85	0.84	0.73
31	1.25	---	1.03	0.77	---	0.29	---	1.36	---	0.99	0.90	---
MEAN	1.17	0.67	0.59	0.41	0.13	0.63	0.91	0.96	1.05	0.95	0.96	1.27
MAX	2.59	2.13	1.70	2.33	1.83	1.29	1.60	1.36	1.48	1.47	1.20	1.90
MIN	0.58	-0.64	-0.31	-1.18	-0.82	0.02	0.22	0.46	0.57	0.59	0.66	0.73

CAL YR 2002 MEAN 0.89 MAX 2.59 MIN -0.64
WTR YR 2003 MEAN 0.81 MAX 2.59 MIN -1.18

e Estimated from reconstructed graph

01311145 EAST ROCKAWAY INLET AT ATLANTIC BEACH, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL HIGH-HIGH VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.85	3.15	3.17	3.92	3.81	3.43	2.81	3.45	3.36	3.55	3.61	3.75
2	2.93	3.01	2.99	4.91	3.29	3.80	3.11	3.62	3.20	3.62	3.24	4.11
3	3.64	3.55	3.05	5.47	2.49	2.56	3.35	3.63	3.22	3.58	3.30	4.09
4	4.56	4.27	3.67	4.89	3.49	2.81	3.78	3.18	3.54	3.28	3.57	3.58
5	4.10	4.39	3.98	3.98	1.46	2.92	3.49	3.20	3.17	2.97	3.50	3.71
6	4.27	5.22	4.34	3.82	1.67	3.09	2.23	3.08	2.30	3.04	3.73	3.78
7	4.87	3.96	3.49	2.99	1.94	2.73	3.02	3.03	2.88	3.45	3.72	3.77
8	4.46	3.62	2.65	2.74	1.99	2.64	3.24	2.44	3.20	3.61	3.83	4.12
9	4.33	3.08	2.46	2.72	1.54	1.80	2.22	3.03	3.73	3.86	3.90	4.32
10	4.16	3.39	2.28	2.91	1.52	2.00	3.28	2.89	3.57	4.43	4.00	3.72
11	4.32	3.08	2.82	2.09	2.13	1.87	3.38	3.37	4.05	4.49	4.04	3.63
12	4.71	2.57	3.76	1.04	2.08	2.13	3.60	3.64	4.24	4.29	3.80	3.89
13	3.88	2.84	2.87	1.83	1.22	1.91	3.06	3.71	4.72	4.11	3.53	3.70
14	3.06	2.74	3.86	1.50	1.40	2.58	3.11	4.01	4.57	4.06	3.35	3.29
15	3.54	2.47	2.15	2.69	2.52	2.72	3.34	4.37	4.42	3.87	3.36	3.21
16	5.02	3.57	2.87	2.34	2.85	3.15	3.91	e4.6	4.05	3.65	3.37	2.96
17	3.53	4.50	3.35	3.19	5.09	3.87	5.24	e4.33	3.62	3.32	3.31	2.98
18	3.28	2.96	3.53	3.55	4.60	4.28	4.40	3.87	3.60	3.09	3.11	3.58
19	3.33	2.38	3.20	3.93	3.60	4.42	e4.0	3.60	3.51	2.91	2.79	3.40
20	2.90	3.33	4.10	2.96	2.97	4.65	3.82	3.20	3.07	2.81	2.56	2.86
21	3.33	3.49	3.51	2.61	3.04	4.00	2.95	2.31	3.31	2.97	2.74	3.17
22	3.35	4.18	3.09	1.77	2.99	3.67	3.79	2.92	3.09	3.03	3.06	3.51
23	3.14	1.99	2.79	1.93	4.23	2.73	3.54	2.95	3.15	2.84	3.07	3.89
24	3.10	1.81	2.95	2.83	1.37	3.40	2.39	3.02	3.21	2.77	3.20	3.77
25	3.32	2.39	5.56	2.99	2.16	3.21	2.89	2.79	3.34	2.75	3.37	4.03
26	4.18	3.06	3.06	2.65	2.35	3.18	3.51	3.23	3.47	3.01	3.90	3.99
27	2.74	2.75	2.74	3.06	2.88	2.93	3.23	3.12	3.66	3.20	3.98	4.42
28	2.62	2.77	3.08	2.82	3.57	2.65	3.02	3.40	3.43	3.64	3.81	4.80
29	2.96	2.80	3.22	2.78	---	3.09	3.09	3.62	3.59	3.75	3.78	4.73
30	3.45	3.23	3.30	3.07	---	3.07	3.40	3.66	3.50	3.58	3.54	3.78
31	3.50	---	4.00	3.51	---	2.96	---	4.00	---	3.81	3.78	---
MEAN	3.66	3.22	3.29	3.02	2.65	3.04	3.34	3.40	3.53	3.46	3.48	3.75
MAX	5.02	5.22	5.56	5.47	5.09	4.65	5.24	4.60	4.72	4.49	4.04	4.80
MIN	2.62	1.81	2.15	1.04	1.22	1.80	2.22	2.31	2.30	2.75	2.56	2.86

CAL YR 2002 MEAN 3.42 MAX 5.56 MIN 1.81
WTR YR 2003 MEAN 3.32 MAX 5.56 MIN 1.04

e Estimated from reconstructed graph

01311145 EAST ROCKAWAY INLET AT ATLANTIC BEACH, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL LOW-HIGH VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.23	3.02	1.85	3.64	3.03	2.93	2.46	2.82	3.31	2.51	3.24	3.23
2	2.06	2.80	2.42	3.54	1.69	3.36	2.73	2.71	2.16	2.66	3.20	*---
3	2.76	3.47	2.28	4.49	2.21	1.93	3.04	2.85	2.08	3.10	3.15	3.36
4	4.26	3.70	2.38	2.91	2.00	2.13	2.90	2.62	2.77	2.98	*---	3.13
5	3.86	3.83	3.58	2.96	0.98	2.68	3.22	2.50	2.61	2.91	2.91	2.79
6	3.97	2.90	2.70	3.01	1.40	2.87	1.91	2.33	*---	*---	2.78	2.60
7	3.73	3.14	1.90	2.70	*---	2.64	1.78	2.20	2.59	3.05	2.55	2.86
8	3.59	1.94	0.96	*---	1.27	2.00	2.80	*---	3.05	3.07	2.63	2.93
9	3.40	2.41	*---	2.18	0.58	*---	*---	2.27	3.31	2.83	2.82	3.51
10	3.14	*---	2.17	2.54	1.29	1.44	2.43	2.49	2.88	3.08	2.97	3.39
11	*---	2.81	2.06	1.26	0.82	1.19	3.03	3.04	2.91	3.50	3.11	3.14
12	3.79	2.21	2.20	0.76	0.71	1.21	3.07	3.63	3.16	3.43	3.06	3.76
13	3.74	2.75	2.40	0.83	0.75	1.87	2.91	3.32	3.40	3.10	3.09	3.08
14	2.37	2.71	2.83	1.11	1.16	2.12	3.01	3.33	3.49	3.04	2.97	2.82
15	2.98	2.34	2.15	1.66	1.65	2.40	3.02	3.29	3.30	3.15	3.16	2.88
16	3.91	2.63	2.24	1.93	2.62	3.10	2.84	e3.3	3.50	3.33	3.33	2.22
17	3.21	3.72	2.83	2.20	4.30	3.76	4.51	e3.5	2.93	3.05	2.88	*---
18	2.97	0.79	2.58	3.09	3.43	4.18	3.79	e3.01	3.01	2.93	*---	2.59
19	2.88	2.21	2.54	2.23	3.27	4.38	e3.40	2.73	3.03	*---	2.67	3.31
20	2.86	2.51	2.96	1.46	2.97	3.86	3.11	2.50	*---	2.73	1.97	2.10
21	3.02	2.85	1.80	1.58	2.79	3.54	*---	*---	3.31	2.56	1.83	2.09
22	2.82	2.71	2.45	0.69	*---	3.09	2.94	2.57	3.02	2.21	1.88	2.57
23	2.25	0.76	2.24	*---	3.32	*---	2.36	2.64	2.82	2.17	2.14	3.43
24	2.29	0.94	2.69	2.27	1.29	2.45	1.96	2.96	2.65	1.96	2.43	3.15
25	2.84	1.76	*---	2.02	0.73	2.40	2.57	2.74	2.47	1.81	2.32	3.65
26	2.65	*---	1.87	1.82	1.81	2.30	3.09	2.85	2.47	1.74	2.71	3.99
27	2.19	2.72	2.45	1.41	2.31	2.20	2.94	2.78	2.62	1.92	3.28	4.12
28	*---	2.52	2.41	1.76	3.13	2.44	2.79	2.62	2.50	2.30	3.24	3.97
29	2.12	2.15	2.31	1.98	---	2.94	2.67	2.71	2.47	2.88	3.57	3.16
30	2.67	2.44	2.78	2.36	---	3.04	2.61	2.82	2.43	2.78	3.34	*---
31	3.17	---	3.19	3.01	---	2.66	---	2.83	---	3.03	3.28	---
MEAN	3.03	2.53	2.39	2.19	1.98	2.66	2.85	2.83	2.87	2.75	2.85	3.10
MAX	4.26	3.83	3.58	4.49	4.30	4.38	4.51	3.63	3.50	3.50	3.57	4.12
MIN	2.06	0.76	0.96	0.69	0.58	1.19	1.78	2.20	2.08	1.74	1.83	2.09

CAL YR 2002 MEAN 2.73 MAX 4.26 MIN 0.76
WTR YR 2003 MEAN 2.67 MAX 4.51 MIN 0.58

e Estimated from reconstructed graph
* Only a single high tide occurred

01311145 EAST ROCKAWAY INLET AT ATLANTIC BEACH, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL HIGH-LOW VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-0.78	-1.50	-3.18	*---	-1.49	*---	-2.16	-1.33	-0.44	-1.19	-1.31	-1.24
2	-1.42	-2.52	*---	-0.91	-1.58	-1.31	-1.87	-1.10	-1.12	-1.12	-1.38	-0.52
3	-1.19	*---	-2.95	-0.29	-2.68	-1.51	-1.27	-0.99	-1.23	-0.91	-1.12	-0.54
4	*---	-2.18	-3.02	-0.01	-1.67	-2.06	-0.98	-1.13	-0.63	-0.89	-0.90	-0.73
5	-1.25	-2.17	-2.05	-1.46	-2.70	-2.08	-0.30	-1.02	-0.62	-1.04	-0.95	-0.76
6	-2.11	-1.20	-1.32	-1.18	-2.45	-1.32	-1.55	-0.69	-0.94	-0.90	-1.07	-0.75
7	-1.65	-1.90	-1.79	-0.94	-1.55	-1.19	-1.06	-0.61	-0.65	-0.77	-1.19	-0.99
8	-2.01	-1.29	-2.26	-0.37	-1.51	-1.47	0.00	-0.29	-0.75	-1.08	-1.13	*---
9	-1.82	-1.51	-1.71	-0.58	-1.97	-0.87	0.16	-0.59	-0.88	-1.21	*---	-0.72
10	-1.38	-0.82	-1.11	0.01	-0.82	-1.18	-0.06	-0.86	-1.55	-1.14	-1.47	-1.30
11	-0.27	-0.29	0.01	-0.69	-0.97	-0.92	0.02	-0.47	-1.78	*---	-1.60	-1.50
12	0.77	-0.85	0.08	-1.83	-2.38	-0.82	-0.50	-1.07	*---	-1.43	-1.69	-0.66
13	0.30	-0.18	-0.24	-1.35	-2.52	-0.82	-1.64	-1.91	-1.81	-1.80	-1.64	-0.84
14	-0.53	-0.55	0.71	-1.55	*---	-1.35	*---	*---	-1.75	-1.78	-1.54	-0.89
15	0.00	-1.14	-1.25	-1.68	-2.49	-1.66	-2.34	-2.30	-1.70	-1.52	-1.09	-0.62
16	1.54	0.38	-1.22	*---	-2.87	*---	-3.06	e-1.8	-1.44	-1.18	-0.71	-0.49
17	-0.70	*---	-0.81	-1.79	-0.46	-1.75	-1.52	e-1.4	-1.60	-1.13	-0.48	-0.11
18	-1.03	-0.52	*---	-1.67	-1.08	-1.81	-1.75	e-1.85	-0.98	-0.88	-0.16	1.11
19	*---	-2.26	-1.51	-1.50	-2.34	-1.83	e-1.6	-1.77	-0.55	-0.58	-0.44	0.41
20	-1.59	-1.62	-0.44	-2.41	-2.65	-2.22	-1.55	-1.51	-0.12	-0.49	-0.69	-0.09
21	-1.30	-1.26	-1.15	-3.04	-2.40	-1.87	-0.99	-1.20	0.00	-0.12	-0.42	-0.21
22	-1.35	-0.65	-2.05	-3.54	-0.66	-1.77	-0.49	-0.51	-0.23	-0.56	-0.45	-0.37
23	-1.35	-1.66	-1.92	-2.59	-0.42	-1.52	-1.02	-0.46	-0.32	-0.52	-0.53	-0.47
24	-1.48	-2.54	-2.00	-2.05	-2.28	-0.99	-0.94	-0.38	-0.46	-0.98	-0.78	*---
25	-1.09	-1.70	-0.46	-1.56	-2.41	-0.63	-0.69	-0.77	-0.59	-0.98	*---	-1.49
26	0.04	-1.02	-1.56	-1.68	-1.56	-1.08	-0.25	-0.46	-0.68	*---	-1.37	-1.68
27	-0.82	-0.61	-1.36	-2.02	-1.24	-1.33	-1.05	-0.96	*---	-1.43	-1.48	-1.51
28	-0.64	-1.19	-1.30	-2.15	-1.10	-1.25	*---	*---	-0.93	-1.26	-1.88	-1.16
29	-0.65	-1.37	-1.43	-2.40	---	*---	-1.36	-1.00	-1.10	-1.16	-1.72	-1.19
30	-0.42	-1.67	-1.59	-1.85	---	-1.44	-1.59	-0.95	-1.22	-1.46	-1.83	-1.44
31	-0.60	---	-1.61	*---	---	-1.67	---	-0.61	---	-1.29	-1.45	---
MEAN	-0.85	-1.28	-1.40	-1.54	-1.79	-1.42	-1.12	-1.03	-0.93	-1.06	-1.12	-0.74
MAX	1.54	0.38	0.71	0.01	-0.42	-0.63	0.16	-0.29	0.00	-0.12	-0.16	1.11
MIN	-2.11	-2.54	-3.18	-3.54	-2.87	-2.22	-3.06	-2.30	-1.81	-1.80	-1.88	-1.68

CAL YR 2002 MEAN -1.09 MAX 1.54 MIN -3.18
WTR YR 2003 MEAN -1.19 MAX 1.54 MIN -3.54

e Estimated from reconstructed graph
* Only a single low tide occurred

01311145 EAST ROCKAWAY INLET AT ATLANTIC BEACH, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL LOW-LOW VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-1.45	-3.02	-3.21	-2.13	-1.82	-1.88	-2.59	-1.40	-0.86	-1.58	-1.52	-1.60
2	-1.69	-2.72	-3.27	-1.21	-2.68	-1.49	-1.89	-1.52	-1.53	-1.55	-1.73	-1.17
3	-1.45	-2.48	-3.10	-0.72	-2.76	-2.91	-1.69	-1.30	-1.74	-1.34	-1.66	-0.65
4	-0.99	-2.39	-3.13	-1.55	-2.04	-2.66	-1.29	-1.16	-1.17	-1.27	-1.34	-0.98
5	-2.08	-2.46	-2.93	-1.49	-3.21	-2.24	-0.65	-1.11	-0.97	-1.48	-1.40	-1.16
6	-2.75	-1.48	-1.82	-1.19	-2.64	-1.55	-1.61	-0.96	-1.28	-1.68	-1.12	-1.19
7	-1.98	-2.07	-2.16	-1.24	-1.70	-1.69	-1.70	-0.92	-1.49	-1.36	-1.28	-1.46
8	-2.06	-1.86	-2.46	-1.47	-1.69	-1.49	-0.29	-0.71	-1.17	-1.29	-1.40	-1.06
9	-2.08	-2.04	-2.19	-0.93	-2.03	-1.37	-0.43	-1.02	-0.95	-1.30	-1.40	-1.21
10	-1.57	-0.87	-1.54	-0.92	-1.26	-1.32	-0.42	-1.31	-1.75	-1.40	-1.50	-1.32
11	-0.95	-1.32	-0.83	-2.08	-1.67	-1.18	-0.04	-1.31	-1.83	-1.20	-1.72	-1.83
12	0.24	-0.86	-1.66	-1.99	-2.67	-1.15	-0.95	-1.45	-2.05	-1.46	-1.85	-1.10
13	-0.33	-1.21	-0.47	-2.73	-2.93	-1.27	-1.66	-1.92	-1.98	-1.81	-1.91	-0.92
14	-0.82	-1.37	-1.43	-2.01	-3.23	-1.38	-2.39	-2.21	-1.86	-2.02	-2.07	-1.24
15	-0.19	-1.62	-1.40	-2.06	-2.97	-2.05	-3.01	-2.34	-1.95	-1.94	-1.79	-0.95
16	-0.35	-0.97	-1.65	-2.15	-2.98	-2.13	-3.25	-2.18	-1.93	-1.83	-1.32	-0.54
17	-0.74	0.09	-1.17	-1.97	-2.16	-1.95	-2.14	e-1.9	-1.89	-1.90	-1.01	-0.50
18	-1.13	-2.62	-1.48	-1.68	-1.92	-1.84	-2.00	-2.30	-1.60	-1.55	-0.88	0.35
19	-1.03	-3.17	-1.86	-2.20	-2.44	-1.98	-2.12	-2.23	-1.24	-1.32	-0.68	-0.06
20	-1.72	-1.79	-1.04	-3.45	-2.83	-2.22	-1.83	-1.99	-1.10	-1.14	-0.90	-0.55
21	-1.51	-1.43	-2.75	-3.54	-2.47	-2.07	-1.66	-1.67	-0.68	-0.77	-0.74	-0.73
22	-1.37	-0.87	-2.20	-3.86	-2.00	-1.99	-1.09	-1.38	-0.74	-0.74	-0.61	-0.58
23	-1.92	-2.78	-2.04	-3.54	-2.23	-1.84	-1.10	-1.12	-0.66	-0.87	-1.15	-1.38
24	-1.57	-2.65	-2.33	-2.17	-3.07	-1.43	-1.65	-0.76	-0.64	-1.13	-1.36	-1.46
25	-1.18	-2.33	-1.19	-1.91	-2.87	-1.13	-1.17	-0.96	-0.70	-1.37	-1.10	-1.57
26	-0.21	-1.14	-2.35	-1.91	-1.97	-1.21	-0.38	-0.74	-0.68	-1.21	-1.51	-1.71
27	-1.03	-1.28	-1.79	-2.61	-1.84	-1.54	-1.28	-1.18	-0.67	-1.47	-1.48	-1.78
28	-0.93	-2.01	-1.83	-2.33	-1.35	-1.81	-1.63	-1.03	-0.93	-1.86	-2.02	-1.40
29	-1.10	-2.52	-2.27	-2.53	---	-1.55	-1.69	-1.10	-1.34	-1.47	-1.98	-1.29
30	-0.84	-2.28	-1.89	-2.25	---	-1.85	-1.71	-1.16	-1.40	-1.72	-2.12	-1.84
31	-1.38	---	-1.79	-1.92	---	-2.64	---	-1.06	---	-1.79	-1.98	---
MEAN	-1.23	-1.85	-1.98	-2.06	-2.34	-1.77	-1.51	-1.40	-1.29	-1.45	-1.44	-1.10
MAX	0.24	0.09	-0.47	-0.72	-1.26	-1.13	-0.04	-0.71	-0.64	-0.74	-0.61	0.35
MIN	-2.75	-3.17	-3.27	-3.86	-3.23	-2.91	-3.25	-2.34	-2.05	-2.02	-2.12	-1.84

CAL YR 2002 MEAN -1.55 MAX 0.24 MIN -3.27
WTR YR 2003 MEAN -1.61 MAX 0.35 MIN -3.86

e Estimated from reconstructed graph

01311500 VALLEY STREAM AT VALLEY STREAM, NY

LOCATION.--Lat 40°39'49", long 73°42'18", Nassau County, Hydrologic Unit 02030202, on right bank 40 ft upstream from West Valley Stream Boulevard in Valley Stream.

DRAINAGE AREA.--About 4.5 mi^2.

PERIOD OF RECORD.--1851-52, 1854, 1856-57, 1885, 1894 (fragmentary in Professional Paper 44), July 1954 to current year. Prior to October 1956, published at Watts Creek at Valley Stream.

GAGE.--Water-stage recorder and concrete control. Datum of gage is 7.49 ft above NGVD of 1929. Prior to 1894, determinations of flow by various methods, at different sites and datums. July 1954 to July 16, 1964, at same site at datum 1.0 ft higher.

REMARKS.--No estimated daily discharges. Records good. Flow regulated occasionally by cleaning operations at outlet of Valley Stream Pond above station.

EXTREMES FOR PERIOD OF RECORD (since 1954).--Maximum discharge, 294 ft^3/s, June 30, 1984, gage height, 5.78 ft; no flow at times each year since 1963.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 132 ft^3/s, May 26, gage height, 2.70 ft; no flow for part or all of each day October 2-10.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

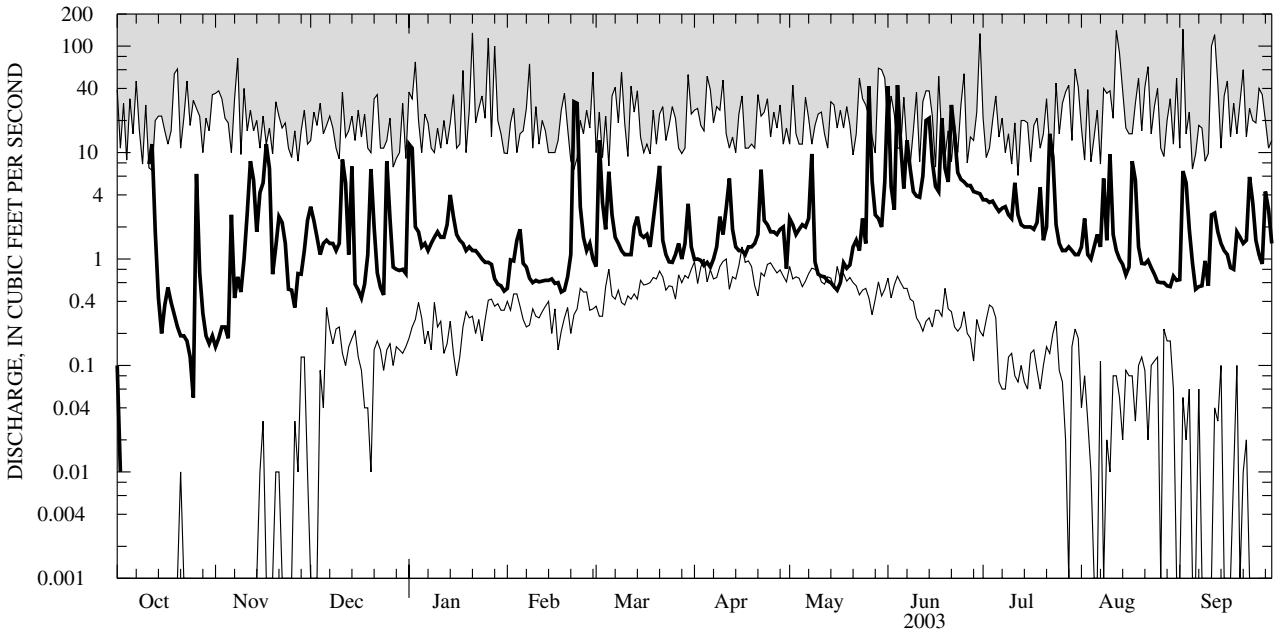
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.10	0.15	3.1	12	0.53	0.85	0.99	2.4	42	3.6	1.3	0.64
2	0.01	0.18	2.3	11	0.98	13	1.0	2.1	4.8	3.6	2.4	6.7
3	0.00	0.23	1.6	2.0	0.96	3.4	0.97	1.7	2.9	3.4	1.1	5.2
4	0.00	0.23	1.1	1.8	1.5	1.9	0.87	1.9	43	3.5	1.0	1.9
5	0.00	0.18	1.4	1.3	1.9	6.6	0.93	2.1	12	3.1	1.3	0.92
6	0.00	2.6	1.5	1.4	0.91	2.6	0.84	2.0	4.6	2.8	1.7	0.52
7	0.00	0.43	1.4	1.2	0.84	1.6	1.0	2.4	13	3.0	1.3	0.55
8	0.00	0.68	1.4	1.4	0.66	1.4	1.3	9.7	7.1	3.1	5.7	0.56
9	0.00	0.49	1.2	1.6	0.60	1.2	2.5	0.94	4.3	2.6	1.5	0.96
10	0.00	1.0	1.4	1.8	0.63	1.1	1.7	0.72	3.9	2.4	9.6	0.56
11	7.8	2.7	8.6	1.6	0.61	1.1	3.0	0.69	3.8	5.2	1.7	2.6
12	12	8.3	5.2	1.6	0.62	1.1	5.7	0.68	6.0	2.6	1.2	2.7
13	1.8	5.5	1.1	2.1	0.63	2.0	1.9	0.62	20	2.1	1.0	1.8
14	0.43	1.8	7.4	4.0	0.63	2.5	1.3	0.60	21	2.0	0.89	1.4
15	0.20	4.2	0.58	2.5	0.65	1.7	1.2	0.55	8.2	2.0	0.71	1.2
16	0.37	5.2	0.51	1.7	0.59	1.6	1.2	0.51	4.8	2.0	0.84	1.1
17	0.54	12	0.43	1.5	0.60	1.7	1.1	0.60	4.3	1.9	8.3	0.83
18	0.39	7.1	0.58	1.4	0.49	1.3	1.3	0.92	21	2.2	5.5	0.80
19	0.30	0.72	1.1	1.2	0.51	2.3	1.3	0.82	7.1	4.7	1.3	1.8
20	0.23	1.3	7.0	1.3	0.68	4.1	1.4	0.88	5.3	1.5	0.91	1.6
21	0.19	2.5	2.0	1.2	1.1	7.5	1.7	1.3	28	2.0	0.90	1.4
22	0.19	2.2	0.74	1.2	30	1.5	6.9	1.5	15	15	0.97	1.5
23	0.17	1.4	0.54	1.1	29	1.1	2.3	1.2	6.5	9.0	0.83	5.9
24	0.12	0.52	0.46	1.0	3.1	0.94	2.1	2.4	5.6	2.1	0.72	3.4
25	0.05	0.51	8.3	0.93	1.6	0.93	1.8	1.4	5.3	1.4	0.61	1.5
26	6.3	0.35	2.4	0.93	1.2	1.1	1.8	42	4.9	1.2	0.60	1.1
27	0.75	0.73	0.84	0.89	1.4	1.4	1.7	5.4	4.9	1.2	0.60	0.90
28	0.31	0.72	0.80	0.65	1.0	1.0	1.9	2.6	4.3	1.3	0.56	4.3
29	0.19	1.2	0.78	0.58	---	1.4	2.0	2.4	4.2	1.2	0.55	2.9
30	0.16	2.3	0.80	0.56	---	3.3	0.81	2.0	4.1	1.1	0.69	1.4
31	0.19	---	0.73	0.50	---	1.3	---	5.3	---	1.1	0.63	---
TOTAL	32.79	67.42	67.29	63.94	83.92	74.52	54.51	100.33	321.9	93.9	56.91	58.64
MEAN	1.06	2.25	2.17	2.06	3.00	2.40	1.82	3.24	10.7	3.03	1.84	1.95
MAX	12	12	8.6	12	30	13	6.9	42	43	15	9.6	6.7
MIN	0.00	0.15	0.43	0.50	0.49	0.85	0.81	0.51	2.9	1.1	0.55	0.52

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 2003, BY WATER YEAR (WY)

MEAN	1.46	1.76	1.73	2.10	1.94	2.36	2.76	2.37	2.07	1.59	1.84	1.79
MAX	10.8	10.9	9.18	9.40	9.91	10.2	12.0	12.3	10.7	8.32	16.8	11.6
(WY)	(1959)	(1955)	(1956)	(1956)	(1955)	(1956)	(1958)	(1958)	(2003)	(1956)	(1955)	(1954)
MIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
(WY)	(1966)	(1966)	(1966)	(1966)	(1980)	(1981)	(1981)	(1981)	(1966)	(1966)	(1965)	(1982)

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1954 - 2003	
ANNUAL TOTAL	497.69		1,076.07			
ANNUAL MEAN	1.36		2.95		1.95	
HIGHEST ANNUAL MEAN					8.86	1956
LOWEST ANNUAL MEAN					0.11	1986
HIGHEST DAILY MEAN	144	Sep 2	43	Jun 4	144	Sep 2, 2002
LOWEST DAILY MEAN	0.00	Jan 1	0.00	Oct 3	0.00	Jul 25, 1963
ANNUAL SEVEN-DAY MINIMUM	0.00	Jan 12	0.00	Oct 3	0.00	Aug 10, 1963
10 PERCENT EXCEEDS	2.1		6.5		5.9	
50 PERCENT EXCEEDS	0.13		1.4		0.25	
90 PERCENT EXCEEDS	0.00		0.50		0.00	

01311500 VALLEY STREAM AT VALLEY STREAM, NY—Continued



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 FLOWS ARE PLOTTED AS 0.001 DISCHARGE, WHICH MAY INCLUDE THE LOWEST DAILY MEAN FOR PERIOD OF RECORD.

01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY

LOCATION.--Lat 40°39'42", long 73°45'22", Queens County, 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^2.

PERIOD OF RECORD.--August 1993 to current year.

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

REMARKS.--Records fair except for estimated daily dischares and those above 110 ft^3/s, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 246 ft^3/s, Jan. 3, 1999, gage height, 5.21 ft, from rating curve extended above 110 ft^3/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 YEAR.--Maximum discharge, 84 ft^3/s, May 26, gage height, 2.51 ft; minimum, 0.21 ft^3/s, Oct. 23, 24, 25; minimum gage height , 0.28 ft, part or all of each day Oct. 4, 6, 8-11, 23-25.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.55	0.33	0.63	13	e0.70	e1.0	1.3	1.0	24	1.4	1.3	0.53
2	0.54	0.29	0.65	8.4	e1.0	e10	1.3	1.1	2.9	1.4	2.2	4.4
3	0.39	0.80	0.66	3.3	e1.0	e5.0	1.3	0.91	2.2	1.4	1.5	4.8
4	0.30	0.72	0.60	3.2	e2.0	e2.5	1.1	0.88	30	1.6	1.0	3.0
5	0.32	0.31	0.73	1.7	e3.0	e7.0	1.1	0.79	7.1	1.3	1.0	0.92
6	0.30	5.5	0.69	2.3	e1.0	e4.0	0.95	0.75	2.8	1.1	0.85	0.63
7	0.30	0.44	0.56	1.3	e1.0	e2.0	1.4	0.92	10	1.1	0.88	0.47
8	0.28	0.44	0.57	0.95	e0.90	e1.0	1.2	3.9	4.3	1.2	2.4	0.42
9	0.28	0.42	0.49	0.90	e0.90	e1.0	4.5	1.3	2.5	1.2	1.0	0.40
10	0.26	0.46	0.49	e1.0	e0.90	e1.0	2.1	1.3	2.4	1.2	3.9	0.38
11	12	0.55	4.9	e0.90	e0.90	e1.0	3.3	1.0	2.4	3.1	1.2	0.31
12	17	2.6	3.7	e0.90	e0.80	e1.0	5.4	0.77	4.6	1.8	1.0	0.31
13	3.2	4.0	0.89	e2.0	e0.80	e2.0	1.0	0.71	13	1.0	1.1	0.30
14	1.6	1.2	8.7	e5.0	e0.80	e3.0	0.67	0.64	14	0.86	0.87	0.32
15	1.2	1.0	2.3	e2.0	e0.80	e2.0	0.99	0.64	3.2	0.81	0.82	0.38
16	3.3	0.92	2.1	e1.0	e0.70	e1.5	1.7	0.58	2.2	0.80	0.80	0.39
17	1.6	8.5	1.7	e1.0	e0.70	e1.5	1.1	0.55	1.6	0.71	3.7	0.73
18	1.4	6.7	1.5	e1.0	e0.70	e0.75	0.91	0.56	12	0.86	2.4	0.69
19	0.57	1.3	1.0	e1.0	e0.70	0.90	1.0	0.55	4.3	3.0	0.82	1.3
20	0.38	1.3	4.7	e1.0	e0.70	3.2	1.1	0.54	3.1	0.82	0.72	0.42
21	0.33	0.91	1.6	e0.90	e1.0	7.0	1.2	0.63	16	0.77	0.71	0.35
22	0.30	3.1	0.74	e0.90	e20	0.99	3.6	0.66	5.1	9.5	0.73	0.33
23	0.26	2.5	0.64	e0.90	e15	0.69	1.3	0.65	3.4	5.5	0.71	7.8
24	0.23	1.2	0.62	e0.90	e4.0	0.68	1.2	1.1	2.9	2.5	0.63	1.6
25	0.25	1.3	7.7	e0.80	e3.0	0.72	1.4	0.82	2.7	2.2	0.62	0.73
26	8.9	1.2	2.1	e0.80	e2.0	0.91	8.2	22	2.1	1.1	0.62	0.93
27	0.61	2.6	2.0	e0.80	e2.0	0.93	2.2	3.0	1.9	1.4	0.58	0.61
28	0.37	0.81	1.7	e0.70	e1.0	1.2	0.99	2.5	1.7	1.4	0.56	4.4
29	0.85	0.67	1.3	e0.70	---	1.6	0.99	2.4	1.6	1.7	0.56	0.79
30	0.53	0.63	1.1	e0.70	---	3.8	0.94	1.6	1.5	1.1	0.51	0.47
31	0.35	---	0.90	e0.70	---	1.1	---	4.4	---	0.94	0.51	---
TOTAL	58.75	52.70	57.96	60.65	68.00	70.97	55.44	59.15	187.5	54.77	36.20	39.11
MEAN	1.90	1.76	1.87	1.96	2.43	2.29	1.85	1.91	6.25	1.77	1.17	1.30
MAX	17	8.5	8.7	13	20	10	8.2	22	30	9.5	3.9	7.8
MIN	0.23	0.29	0.49	0.70	0.70	0.68	0.67	0.54	1.5	0.71	0.51	0.30

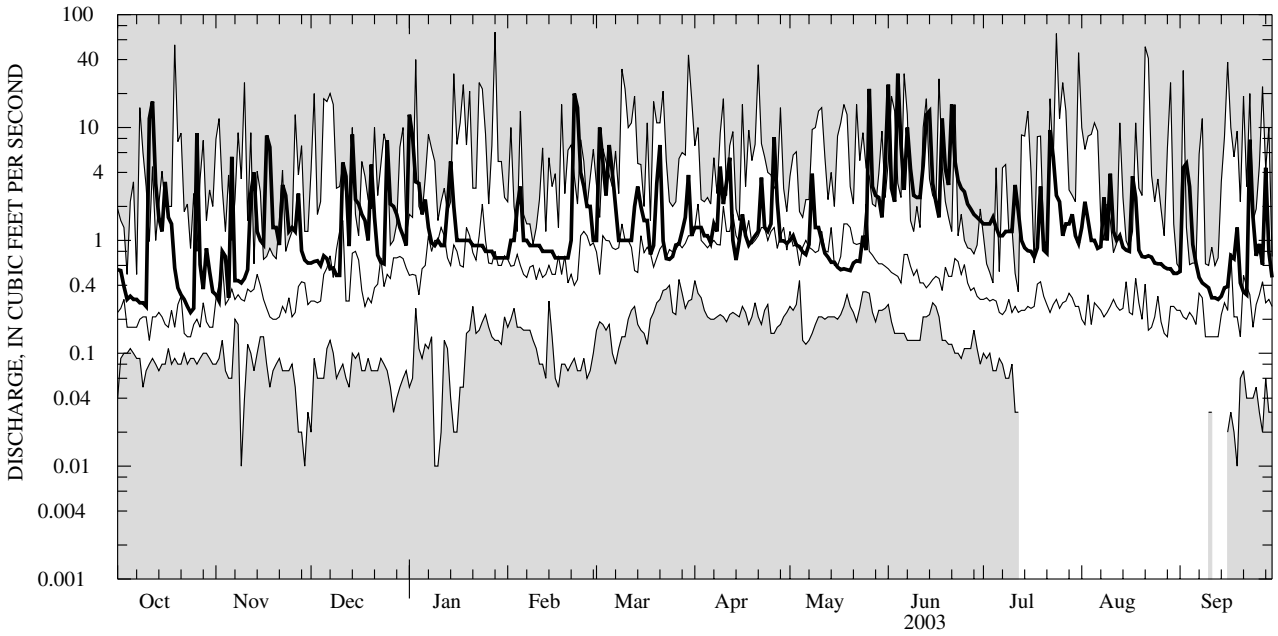
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2003, BY WATER YEAR (WY)

MEAN	0.94	0.98	1.31	2.06	1.26	2.06	1.88	1.70	1.80	1.37	1.21	1.17
MAX	3.40	1.76	3.97	4.67	2.43	4.26	3.14	2.93	6.25	4.61	3.64	2.12
(WY)	(1997)	(2001)	(1997)	(1994)	(2003)	(2001)	(1997)	(1998)	(2003)	(1997)	(1997)	(2002)
MIN	0.12	0.10	0.11	0.37	0.27	0.91	0.46	0.87	0.33	0.042	0.027	0.28
(WY)	(2002)	(2002)	(1999)	(2000)	(2000)	(1995)	(1999)	(1995)	(1994)	(2002)	(1999)	(1995)

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1993 - 2003	
ANNUAL TOTAL	460.78		801.20			
ANNUAL MEAN	1.26		2.20		1.48	
HIGHEST ANNUAL MEAN					2.42	1997
LOWEST ANNUAL MEAN					0.80	1995
HIGHEST DAILY MEAN	32	Sep 2	30	Jun 4	70	Jan 28, 1994
LOWEST DAILY MEAN	0.00	Jul 24	0.23	Oct 24	0.00	Jul 13, 1999
ANNUAL SEVEN-DAY MINIMUM	0.00	Jul 26	0.29	Oct 4	0.00	Jul 13, 1999
10 PERCENT EXCEEDS	2.8		4.5		2.7	
50 PERCENT EXCEEDS	0.45		1.0		0.55	
90 PERCENT EXCEEDS	0.04		0.47		0.10	

e Estimated

01311810 CONSELYEAS POND TRIBUTARY AT ROSEDALE, NY—Continued



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.

01311850 JAMAICA BAY AT INWOOD, NY

LOCATION.--Lat 40°37'02", long 73°45'30", Nassau County, Hydrologic Unit 2030202, at Town of Hempstead Inwood Marina, in Inwood.

PERIOD OF RECORD.--July 2002 to current year. June 1979 to July 2002, in files of Town of Hempstead Department of Conservation & Waterways.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. June 1979 to January 1991, water-stage recorder at site 600 ft southwest.

REMARKS.--Records good except those in March to April and June to September, which are fair. Satellite and telephone elevation telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 6.18 ft, Dec. 25, 2002; minimum, -4.42 ft, Jan. 22, 2003.

EXTREMES OUTSIDE PERIOD OF RECORD.--Storm tides of Dec. 11, 1992, and Mar. 14, 1993, reached elevations of 8.9 and 8.3 ft, respectively, from information provided by Town of Hempstead Department of Conservation & Waterways. Minimum elevation recorded, -5.0 ft, Dec. 12, 2000, Feb. 11, 2001, from information provided by Town of Hempstead Department of Conservation & Waterways.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 6.18 ft, Dec. 25; minimum, -4.42 ft, Jan. 22.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.80	0.74	0.08	1.12	0.93	0.89	0.29	0.94	1.47	0.83	0.98	0.89
2	0.63	0.37	-0.06	1.61	0.27	1.20	0.56	0.96	0.73	0.90	0.87	1.37
3	1.03	0.66	-0.04	2.25	-0.10	0.09	0.89	1.04	0.59	1.03	0.77	1.43
4	1.79	0.98	0.11	1.64	0.61	0.07	1.21	0.91	0.98	0.98	0.94	1.26
5	1.21	1.04	0.74	1.05	-0.75	0.39	1.55	0.84	1.07	0.83	0.94	1.19
6	0.99	1.46	1.06	1.11	-0.55	0.75	0.38	0.89	0.73	0.77	1.06	1.20
7	1.33	0.91	0.48	0.91	0.02	0.71	0.45	0.89	0.72	0.98	0.99	1.21
8	1.05	0.72	-0.26	0.81	0.05	0.40	1.42	1.00	1.00	1.07	1.13	1.26
9	0.97	0.27	-0.04	0.88	-0.49	0.46	1.14	0.83	1.31	1.10	1.09	1.51
10	1.06	0.98	0.32	1.06	0.16	0.23	1.20	0.75	0.94	1.37	1.11	1.14
11	1.46	0.87	1.07	0.07	0.03	0.21	1.49	1.09	1.01	1.51	1.02	0.89
12	2.29	0.72	1.02	-0.40	-0.13	0.24	1.40	1.44	1.03	1.31	0.87	1.50
13	1.81	1.07	1.18	-0.11	-0.65	0.42	0.88	1.12	1.25	0.98	0.79	1.20
14	1.02	0.94	1.60	-0.21	-0.66	0.62	0.57	0.99	1.22	0.85	0.68	1.03
15	1.58	0.60	0.49	0.40	-0.25	0.55	0.40	0.80	1.06	0.91	0.91	1.11
16	2.64	1.21	0.74	0.24	0.00	0.74	0.28	1.09	0.99	0.96	1.13	1.07
17	1.49	2.14	1.14	0.47	1.79	1.13	1.52	1.01	0.70	0.79	1.19	1.08
18	1.20	0.16	0.98	0.93	1.30	1.34	1.13	0.59	0.87	0.86	1.21	1.77
19	1.09	-0.07	0.71	0.73	0.53	1.31	0.77	0.49	1.08	0.93	1.01	1.69
20	0.66	0.75	1.44	-0.21	0.07	1.00	0.77	0.48	1.18	0.92	0.71	1.14
21	0.96	0.96	0.54	-0.50	0.16	0.91	0.94	0.53	1.40	1.07	0.89	1.16
22	0.90	1.43	0.41	-1.13	0.80	0.76	1.20	0.72	1.21	0.99	1.02	1.39
23	0.57	-0.24	0.32	-0.65	0.96	0.69	0.83	0.88	1.25	0.94	1.01	1.63
24	0.62	-0.56	0.22	0.14	-0.65	0.78	0.51	1.16	1.24	0.77	1.00	1.15
25	0.86	-0.11	1.75	0.25	-0.54	0.84	0.90	0.97	1.22	0.68	0.94	1.29
26	1.74	0.69	0.16	0.15	0.17	0.80	1.51	1.31	1.25	0.60	1.08	1.24
27	0.80	0.78	0.48	-0.01	0.59	0.67	1.10	1.11	1.31	0.70	1.14	1.38
28	0.65	0.51	0.64	0.15	1.18	0.65	0.88	1.14	1.09	0.80	0.88	1.60
29	0.85	0.45	0.64	0.15	---	0.92	0.74	1.15	0.95	1.05	0.93	1.38
30	1.19	0.62	0.71	0.38	---	0.75	0.77	1.21	0.87	0.82	0.78	0.79
31	1.26	---	1.10	0.79	---	0.52	---	1.34	---	0.93	0.85	---
MEAN	1.18	0.70	0.64	0.45	0.17	0.68	0.92	0.96	1.06	0.94	0.97	1.26
MAX	2.64	2.14	1.75	2.25	1.79	1.34	1.55	1.44	1.47	1.51	1.21	1.77
MIN	0.57	-0.56	-0.26	-1.13	-0.75	0.07	0.28	0.48	0.59	0.60	0.68	0.79

CAL YR 2002 MEAN 0.92 MAX 2.64 MIN -0.56
WTR YR 2003 MEAN 0.83 MAX 2.64 MIN -1.13

01311850 JAMAICA BAY AT INWOOD, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL HIGH-HIGH VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.28	3.81	3.59	4.65	4.41	4.06	3.36	3.91	3.82	4.13	4.08	4.48
2	3.50	3.97	3.99	5.60	4.14	4.43	3.56	4.15	3.71	4.11	3.81	4.71
3	4.12	4.60	3.72	5.92	3.05	3.43	4.00	4.10	3.67	4.11	4.06	4.62
4	5.43	5.23	4.44	5.56	4.05	3.50	4.23	3.69	3.82	3.72	4.29	4.15
5	4.95	5.33	4.68	4.70	2.03	3.48	3.94	3.47	3.52	3.52	4.13	4.31
6	5.27	5.84	5.08	4.45	1.95	3.43	2.44	3.35	3.38	3.68	4.58	4.41
7	5.87	4.72	4.27	3.56	2.47	3.14	2.14	3.30	3.06	4.16	4.36	4.35
8	5.25	4.26	3.43	3.54	2.49	2.39	3.26	2.73	3.52	4.24	4.52	4.82
9	5.21	3.69	2.92	3.17	2.05	2.83	3.48	3.47	4.53	4.59	4.62	4.96
10	4.83	3.77	2.70	3.44	1.91	2.12	3.77	3.35	4.32	5.06	4.72	4.34
11	4.90	3.43	2.97	2.93	2.72	2.29	3.56	3.73	4.76	5.18	4.78	4.23
12	5.11	2.80	4.33	1.59	2.44	2.72	4.01	4.43	5.04	5.02	4.57	4.35
13	4.31	3.48	3.05	2.40	1.79	2.42	3.52	4.70	5.61	4.92	4.23	4.08
14	3.45	3.08	3.95	1.94	1.77	3.09	3.83	4.88	5.43	4.77	3.91	3.77
15	3.87	2.79	2.51	2.82	2.95	3.16	4.19	5.11	5.18	4.58	3.78	3.50
16	5.26	3.95	3.11	2.87	3.39	3.83	4.77	5.89	4.79	4.23	3.90	3.21
17	4.03	4.81	3.81	3.99	5.66	4.72	5.98	5.15	4.29	3.84	3.75	3.28
18	3.89	3.22	3.99	3.98	5.37	5.28	5.25	4.61	4.15	3.41	3.60	3.68
19	3.97	3.15	3.72	4.63	4.40	5.40	4.81	4.12	3.68	3.34	3.20	3.68
20	3.54	3.89	4.67	3.64	3.73	5.43	4.41	3.22	3.92	3.11	2.88	3.23
21	3.82	4.04	3.92	3.32	3.43	4.75	3.42	3.67	3.82	3.32	3.21	3.61
22	3.86	4.68	3.65	2.58	3.60	4.40	4.20	3.30	3.44	3.57	3.55	3.96
23	3.54	2.92	3.42	2.40	4.78	3.49	4.02	3.31	3.49	3.14	3.41	4.88
24	3.49	2.43	3.17	3.21	1.95	3.88	2.96	3.26	3.55	3.27	3.58	4.51
25	3.74	2.94	6.18	3.64	2.76	3.98	3.43	3.21	3.79	3.32	3.92	5.00
26	4.53	3.37	3.95	3.30	2.80	3.88	3.69	3.72	3.97	3.49	4.59	4.89
27	2.94	3.29	3.40	3.73	3.30	3.82	3.48	3.58	4.15	3.80	4.82	5.38
28	3.06	3.26	3.86	3.35	4.02	2.97	3.51	4.03	3.97	4.20	4.68	5.77
29	3.22	3.31	3.85	3.30	---	3.69	3.60	4.20	4.16	4.36	4.52	5.79
30	3.89	3.93	3.75	3.58	---	3.79	3.90	4.09	4.01	4.26	4.33	4.61
31	4.00	---	4.85	4.15	---	3.49	---	4.30	---	4.43	4.45	---
MEAN	4.20	3.80	3.84	3.61	3.19	3.65	3.82	3.94	4.08	4.03	4.09	4.35
MAX	5.87	5.84	6.18	5.92	5.66	5.43	5.98	5.89	5.61	5.18	4.82	5.79
MIN	2.94	2.43	2.51	1.59	1.77	2.12	2.14	2.73	3.06	3.11	2.88	3.21

CAL YR	2002	MEAN	3.99	MAX	6.18	MIN	2.43					
WTR YR	2003	MEAN	3.89	MAX	6.18	MIN	1.59					

01311850 JAMAICA BAY AT INWOOD, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL LOW-HIGH VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.75	3.72	2.60	4.52	3.58	3.51	3.23	3.29	3.51	3.05	3.89	*---
2	2.52	3.52	3.19	4.25	2.44	4.10	3.36	3.25	2.67	3.18	3.70	3.73
3	3.34	4.32	3.03	4.96	2.81	2.20	3.74	3.39	2.52	3.50	*---	3.82
4	4.90	4.72	3.15	3.31	2.81	2.67	3.34	3.05	3.21	3.51	3.73	3.72
5	4.74	4.69	4.23	3.37	1.40	3.16	3.54	2.84	3.10	*---	3.43	3.26
6	4.92	3.27	3.32	3.39	1.88	3.40	2.43	2.64	2.89	3.45	3.36	2.89
7	4.58	3.72	2.57	3.07	*---	3.04	*---	2.59	*---	3.50	3.13	3.39
8	4.31	2.59	1.47	*---	1.69	*---	3.12	*---	3.49	3.55	3.15	3.57
9	4.02	*---	*---	2.78	1.01	2.21	2.39	2.70	3.75	3.21	3.44	4.17
10	3.75	2.98	2.63	2.95	1.69	1.85	2.56	2.85	3.30	3.55	3.57	4.06
11	*---	3.33	2.58	1.95	1.25	1.33	3.34	3.55	3.46	4.34	3.77	3.64
12	4.13	2.71	2.67	1.30	1.94	1.56	3.64	4.12	3.77	3.79	3.80	4.30
13	4.28	2.77	2.45	1.30	1.27	2.34	3.50	3.98	4.08	3.90	3.82	3.45
14	2.64	3.06	3.17	1.57	1.68	2.66	3.65	4.29	4.37	3.85	3.63	3.18
15	3.31	2.72	2.22	2.04	2.08	2.94	3.76	4.07	4.09	3.83	3.68	3.15
16	4.00	3.09	2.72	2.47	3.25	3.71	3.69	4.36	4.29	4.05	3.66	*---
17	3.81	4.38	3.33	2.90	4.80	4.70	4.93	4.45	3.54	3.70	*---	2.37
18	3.62	1.54	3.26	3.80	4.19	5.12	4.61	3.91	3.65	*---	3.06	2.98
19	3.44	2.68	3.20	2.92	3.96	5.38	4.05	3.42	*---	3.31	3.13	3.50
20	3.43	3.01	3.32	2.04	3.66	4.61	3.83	*---	3.50	3.08	2.42	2.58
21	3.60	3.35	2.52	2.20	*---	4.38	*---	2.84	3.62	2.90	2.26	2.49
22	3.43	3.22	2.83	1.06	3.34	3.88	3.43	2.98	3.29	2.48	2.33	2.83
23	2.68	1.21	2.80	*---	3.92	*---	2.88	2.92	3.11	2.39	2.56	3.97
24	2.53	1.48	*---	2.63	1.78	2.97	2.43	3.22	3.00	2.32	3.05	3.90
25	3.20	*---	3.46	2.49	1.35	3.01	2.90	3.09	2.83	2.13	2.87	4.51
26	3.01	2.10	2.06	2.18	2.32	2.79	3.50	3.16	2.79	2.20	3.31	4.82
27	*---	2.95	3.09	1.77	2.67	2.91	3.45	3.01	3.09	2.40	4.02	5.00
28	2.65	3.19	2.89	2.21	3.70	2.97	3.17	2.92	2.91	3.09	3.90	4.69
29	2.75	2.80	2.74	2.60	---	3.60	3.19	3.17	3.01	3.33	4.36	3.75
30	3.17	2.83	3.46	3.00	---	3.63	3.02	3.31	2.89	3.41	3.87	*---
31	3.60	---	3.97	3.64	---	3.46	---	3.32	---	3.72	3.81	---
MEAN	3.56	3.07	2.93	2.71	2.56	3.24	3.38	3.33	3.35	3.27	3.40	3.62
MAX	4.92	4.72	4.23	4.96	4.80	5.38	4.93	4.45	4.37	4.34	4.36	5.00
MIN	2.52	1.21	1.47	1.06	1.01	1.33	2.39	2.59	2.52	2.13	2.26	2.37

CAL YR 2002 MEAN 3.26 MAX 4.92 MIN 1.21
WTR YR 2003 MEAN 3.20 MAX 5.38 MIN 1.01

* Only a single high tide occurred

01311850 JAMAICA BAY AT INWOOD, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL HIGH-LOW VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-1.29	-2.09	*---	-2.25	-1.96	-1.77	-2.72	-1.89	-0.88	-1.78	-1.98	-2.01
2	-1.85	*---	-3.60	-1.62	-2.05	-1.92	-2.46	-1.70	-1.64	-1.76	-1.99	-1.22
3	-1.88	-3.28	-3.73	-1.03	-3.25	-2.09	-1.75	-1.36	-1.71	-1.48	-1.69	-1.00
4	*---	-3.13	-3.72	-0.59	-2.20	-2.31	-1.50	-1.56	-1.03	-1.45	-1.65	-1.21
5	-1.99	-3.13	-2.90	-2.16	-3.28	-2.78	-0.64	-1.63	-1.04	-1.69	-1.60	-1.30
6	-3.03	-1.96	-2.05	-1.83	-3.04	-1.75	-1.82	-1.15	-1.41	-1.42	-1.55	-1.22
7	-2.45	-2.68	-2.40	-1.40	-2.08	-1.87	-1.62	-0.87	-1.21	-1.40	-1.90	*---
8	-2.73	-1.91	-2.88	-0.96	-1.75	-1.86	-0.36	-0.58	-1.28	-1.79	-1.77	-1.66
9	-2.56	-2.07	-2.20	-0.91	-2.14	-1.31	-0.12	-0.78	-1.43	-1.86	*---	-1.22
10	-2.15	-1.38	-1.50	-0.18	-1.06	-1.34	-0.24	-1.39	-2.32	*---	-2.13	-2.05
11	-0.84	-0.70	-0.58	-0.90	-1.09	-1.07	-0.31	-1.16	*---	-1.64	-2.26	-2.18
12	0.38	-1.26	-0.06	-2.35	-2.60	-0.90	-0.90	-1.78	-2.52	-2.17	-2.32	-1.19
13	-0.15	-0.50	-0.92	-1.56	-2.71	-1.29	-2.38	*---	-2.56	-2.47	-2.29	-1.51
14	-0.88	-0.83	0.26	-2.07	*---	-1.73	*---	-2.67	-2.53	-2.49	-2.16	-1.60
15	-0.50	-1.71	-1.81	-2.17	-3.09	-2.37	-3.18	-3.25	-2.43	-2.18	-1.67	-1.23
16	1.33	-0.11	-1.74	*---	-3.46	*---	-4.01	-2.67	-2.06	-1.72	-1.23	-1.09
17	*---	*---	*---	-2.54	-1.16	-2.43	-2.38	-2.48	-2.20	-1.66	-0.90	-0.53
18	-1.38	-1.06	-1.33	-2.23	-1.83	-2.62	-2.58	-2.79	-1.55	-1.54	-0.50	0.53
19	-1.59	-2.85	-1.91	-1.94	-3.14	-2.66	-2.66	-2.44	-1.06	-1.04	-0.82	-0.13
20	-2.14	-2.33	-1.08	-3.05	-3.40	-3.05	-2.27	-1.92	-0.58	-0.97	-0.96	-0.55
21	-1.95	-1.87	-1.85	-3.68	-3.03	-2.64	-1.59	-1.75	-0.69	-0.60	-0.86	-0.72
22	-1.82	-1.15	-2.80	-4.18	-1.15	-2.25	-0.79	-0.94	-0.73	-1.11	-0.68	-0.87
23	-1.90	-2.28	-2.60	-3.29	-1.04	-1.89	-1.44	-0.95	-0.82	-1.00	-0.63	*---
24	-2.02	-3.01	-2.67	-2.70	-2.55	-1.39	-1.36	-0.94	-1.03	-1.52	*---	-2.01
25	-1.69	-2.21	-1.03	-2.10	-2.91	-0.92	-1.30	-1.28	-1.01	-1.43	-1.71	-2.22
26	-0.52	-1.55	-2.05	-2.21	-2.11	-1.51	-0.72	-1.14	*---	*---	-1.96	-2.53
27	-1.34	-0.92	-2.09	-2.53	-1.87	-1.97	*---	*---	-1.02	-1.87	-2.14	-2.44
28	-0.96	-1.72	-1.95	-2.75	*---	-1.86	-1.67	-1.54	-1.43	-1.71	-2.57	-1.99
29	-1.03	-1.81	-2.17	*---	---	*---	-2.00	-1.48	-1.71	-1.87	-2.53	-1.88
30	-0.99	-2.55	-2.20	-2.97	---	-2.02	-2.22	-1.52	-1.82	-2.16	-2.71	-2.09
31	-1.23	---	*---	-2.37	---	-2.07	---	-1.08	---	-1.93	-2.26	---
MEAN	-1.42	-1.86	-1.98	-2.09	-2.31	-1.92	-1.68	-1.61	-1.49	-1.65	-1.70	-1.40
MAX	1.33	-0.11	0.26	-0.18	-1.04	-0.90	-0.12	-0.58	-0.58	-0.60	-0.50	0.53
MIN	-3.03	-3.28	-3.73	-4.18	-3.46	-3.05	-4.01	-3.25	-2.56	-2.49	-2.71	-2.53

CAL YR 2002 MEAN -1.66 MAX 1.33 MIN -3.73
WTR YR 2003 MEAN -1.75 MAX 1.33 MIN -4.18

* Only a single low tide occurred

01311850 JAMAICA BAY AT INWOOD, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL LOW-LOW VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-1.99	-3.76	-3.83	-2.99	-2.53	-2.65	-3.03	-2.09	-1.29	-2.38	-2.25	-2.34
2	-2.36	-3.24	-3.99	-2.12	-3.16	-2.01	-2.62	-2.28	-2.11	-2.27	-2.34	-1.69
3	-1.94	-3.46	-3.90	-1.32	-3.38	-3.52	-2.22	-1.84	-2.41	-2.06	-2.30	-1.08
4	-1.72	-3.15	-3.99	-2.34	-2.57	-3.34	-1.95	-1.81	-1.67	-2.02	-1.83	-1.56
5	-2.83	-3.22	-3.48	-2.24	-3.86	-2.91	-0.98	-1.73	-1.51	-2.00	-2.00	-1.84
6	-3.61	-2.15	-2.65	-1.92	-3.20	-2.39	-2.06	-1.47	-1.83	-2.22	-1.70	-1.81
7	-2.83	-2.70	-2.77	-1.83	-2.20	-2.41	-2.20	-1.51	-2.01	-1.77	-1.91	-1.51
8	-2.97	-2.66	-2.92	-1.84	-2.31	-2.10	-0.67	-1.15	-1.82	-1.88	-2.23	-2.21
9	-2.87	-2.64	-2.58	-1.38	-2.40	-1.90	-0.77	-1.42	-1.56	-1.91	-2.07	-1.95
10	-2.30	-1.50	-1.84	-1.33	-1.38	-1.83	-0.64	-1.93	-2.34	-2.05	-2.22	-2.07
11	-1.40	-1.58	-1.13	-2.50	-1.99	-1.54	-0.63	-1.88	-2.56	-1.98	-2.63	-2.56
12	0.07	-1.34	-2.20	-2.50	-2.83	-1.52	-1.48	-2.00	-2.75	-2.31	-2.75	-1.77
13	-0.74	-1.77	-1.11	-3.30	-3.63	-1.74	-2.41	-2.53	-2.91	-2.63	-2.76	-1.57
14	-1.21	-1.93	-2.04	-2.49	-3.84	-1.85	-3.22	-2.93	-2.70	-2.85	-2.87	-1.97
15	-0.65	-2.24	-1.98	-2.65	-3.74	-2.68	-3.91	-3.27	-2.87	-2.84	-2.54	-1.61
16	-0.91	-1.51	-2.29	-2.67	-3.84	-2.84	-4.03	-3.37	-2.84	-2.64	-2.04	-1.12
17	-1.13	-0.52	-1.70	-2.55	-2.78	-2.82	-3.02	-2.82	-2.74	-2.57	-1.73	-1.07
18	-1.64	-3.21	-2.06	-2.46	-2.72	-2.65	-2.79	-3.16	-2.21	-2.18	-1.51	-0.03
19	-1.69	-3.89	-2.55	-2.89	-3.19	-2.81	-3.01	-2.98	-1.96	-1.96	-1.09	-0.53
20	-2.32	-2.51	-1.37	-4.12	-3.45	-3.15	-2.63	-2.68	-1.69	-1.73	-1.22	-1.09
21	-1.99	-2.11	-3.62	-4.17	-3.24	-2.74	-2.44	-2.27	-1.08	-1.23	-1.02	-1.28
22	-2.06	-1.40	-2.82	-4.42	-2.73	-2.82	-1.74	-2.07	-1.24	-1.29	-1.06	-1.23
23	-2.56	-3.15	-2.75	-4.13	-2.42	-2.42	-1.57	-1.78	-1.12	-1.26	-1.95	-1.22
24	-2.10	-3.21	-3.01	-2.70	-3.55	-1.99	-2.18	-1.21	-1.08	-1.77	-1.16	-2.09
25	-1.70	-2.94	-1.76	-2.43	-3.56	-1.59	-1.65	-1.49	-1.14	-1.97	-2.08	-2.23
26	-0.77	-1.78	-2.87	-2.49	-2.50	-1.66	-0.87	-1.15	-1.05	-1.53	-2.16	-2.55
27	-1.63	-1.62	-2.32	-3.22	-2.44	-2.31	-1.83	-1.77	-1.31	-2.00	-2.20	-2.53
28	-1.25	-2.46	-2.55	-2.90	-2.04	-2.42	-2.25	-1.62	-1.55	-2.49	-2.68	-2.09
29	-1.37	-3.51	-3.04	-3.16	---	-2.14	-2.23	-1.60	-1.99	-2.22	-2.83	-1.88
30	-1.30	-2.78	-2.62	-2.99	---	-2.51	-2.37	-1.66	-2.09	-2.43	-2.96	-2.44
31	-2.04	---	-2.58	-2.65	---	-3.11	---	-1.67	---	-2.59	-2.86	---
MEAN	-1.80	-2.46	-2.59	-2.67	-2.91	-2.40	-2.11	-2.04	-1.91	-2.10	-2.10	-1.70
MAX	0.07	-0.52	-1.11	-1.32	-1.38	-1.52	-0.63	-1.15	-1.05	-1.23	-1.02	-0.03
MIN	-3.61	-3.89	-3.99	-4.42	-3.86	-3.52	-4.03	-3.37	-2.91	-2.85	-2.96	-2.56

CAL YR 2002 MEAN -2.13 MAX 0.07 MIN -3.99
WTR YR 2003 MEAN -2.23 MAX 0.07 MIN -4.42

01311875 ROCKAWAY INLET NEAR FLOYD BENNETT FIELD, NY

LOCATION.--Lat 40°34'25", long 73°53'08", Kings County, Hydrologic Unit 2030202, at Metropolitan Transportation Authority Marine Parkway Gil Hodges Memorial Bridge, near Floyd Bennett Field.

PERIOD OF RECORD.--October 2002 to September 2003.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929.

REMARKS.--Records excellent except those in October, December to March, and May to September, which are good. Satellite elevation telemeter at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Storm tide of Dec. 11, 1992, reached an elevation of 8.9 ft, from high-water mark at site 0.5 mi south-southeast.

EXTREMES FOR CURRENT PERIOD.--October 2002 to September 2003: Maximum elevation, 6.04 ft, Dec. 25; minimum, -4.17 ft, Jan. 22.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	0.67	-0.11	1.20	0.98	0.91	0.29	0.98	1.48	0.87	1.00	0.92
2	---	0.33	-0.12	1.69	0.22	1.21	0.60	1.01	0.73	0.92	0.87	1.40
3	---	0.65	-0.08	2.41	-0.06	0.04	0.94	1.08	0.61	1.09	0.78	1.48
4	---	0.99	0.11	1.63	0.58	0.10	1.31	0.93	1.06	1.00	0.93	1.28
5	---	1.09	0.87	1.09	-0.82	0.46	1.59	0.88	1.09	0.81	0.94	1.21
6	---	1.47	1.07	1.17	-0.51	0.83	0.36	0.94	0.73	0.78	1.05	1.21
7	---	0.91	0.46	0.89	0.08	0.77	0.57	0.93	0.78	0.99	1.00	1.18
8	---	0.71	-0.28	0.78	0.00	0.44	1.48	1.06	1.05	1.05	1.10	1.28
9	1.04	0.33	0.00	0.90	-0.50	0.46	1.22	0.86	1.33	1.11	1.08	1.55
10	1.12	1.04	0.36	1.06	0.23	0.20	1.28	0.79	0.92	1.41	1.08	1.16
11	1.58	0.92	1.21	-0.01	0.01	0.23	1.60	1.16	1.01	1.51	1.01	0.94
12	2.40	0.82	1.06	-0.41	-0.29	0.26	1.40	1.38	1.02	1.28	0.87	1.57
13	1.86	1.13	1.28	-0.14	-0.73	0.50	0.87	0.99	1.30	0.98	0.78	1.29
14	1.09	0.98	1.63	-0.18	-0.68	0.66	0.56	0.93	1.22	0.87	0.67	1.09
15	1.69	0.64	0.49	0.37	-0.19	0.54	0.37	0.83	1.06	0.92	0.91	1.16
16	2.73	1.38	0.74	0.22	0.09	0.74	0.28	1.24	1.03	0.97	1.10	1.09
17	1.50	2.22	1.19	0.50	1.94	1.14	1.62	1.03	0.73	0.80	1.18	1.13
18	1.22	0.04	1.02	0.96	1.29	1.34	1.18	0.60	0.90	0.87	1.21	1.93
19	1.08	-0.03	0.76	0.71	0.56	1.34	0.78	0.49	1.11	0.95	0.99	1.79
20	0.69	0.80	1.44	-0.31	0.09	1.05	0.79	0.49	1.25	0.94	0.69	1.18
21	1.02	1.03	0.49	-0.52	0.19	0.90	0.96	0.55	1.45	1.08	0.89	1.21
22	0.98	1.49	0.45	-1.16	0.87	0.74	1.23	0.80	1.26	1.04	1.00	1.45
23	0.62	-0.41	0.29	-0.63	0.86	0.66	0.75	0.95	1.29	0.96	0.98	1.60
24	0.70	-0.58	0.26	0.16	-0.66	0.80	0.46	1.23	1.26	0.78	0.97	1.15
25	0.96	-0.05	1.82	0.26	-0.52	0.86	0.94	1.00	1.24	0.67	0.90	1.29
26	1.83	0.76	0.07	0.20	0.24	0.82	1.60	1.40	1.27	0.59	1.07	1.26
27	0.83	0.82	0.53	0.00	0.65	0.67	1.11	1.14	1.31	0.64	1.08	1.42
28	0.70	0.49	0.65	0.20	1.23	0.68	0.88	1.17	1.12	0.80	0.89	1.62
29	0.94	0.41	0.65	0.19	---	0.93	0.75	1.16	0.99	1.08	0.94	1.34
30	1.30	0.62	0.76	0.44	---	0.75	0.82	1.24	0.90	0.84	0.79	0.77
31	1.31	---	1.13	0.85	---	0.40	---	1.41	---	0.98	0.87	---
MEAN	---	0.72	0.65	0.47	0.18	0.69	0.95	0.99	1.08	0.95	0.96	1.30
MAX	---	2.22	1.82	2.41	1.94	1.34	1.62	1.41	1.48	1.51	1.21	1.93
MIN	---	-0.58	-0.28	-1.16	-0.82	0.04	0.28	0.49	0.61	0.59	0.67	0.77

01311875 ROCKAWAY INLET NEAR FLOYD BENNETT FIELD, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL HIGH-HIGH VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	3.56	3.42	4.48	4.30	3.90	3.23	3.84	3.67	3.97	3.94	4.29
2	---	3.61	3.63	5.49	3.88	4.31	3.48	4.01	3.59	4.01	3.62	4.57
3	---	4.27	3.46	5.91	2.90	3.09	3.85	3.97	3.56	3.97	3.81	4.48
4	---	5.03	4.23	5.41	3.98	3.32	4.14	3.57	3.79	3.61	4.07	3.98
5	---	5.08	4.60	4.55	1.80	3.35	3.86	3.40	3.42	3.29	3.94	4.13
6	---	5.72	4.84	4.35	1.92	3.34	2.42	3.29	3.24	3.47	4.28	4.21
7	---	4.46	4.03	3.31	2.34	3.04	2.14	3.28	2.96	3.96	4.17	4.16
8	---	4.06	3.13	3.28	2.18	2.82	3.17	2.66	3.48	4.05	4.31	4.62
9	5.06	3.54	2.83	3.07	1.93	2.09	3.43	3.37	4.30	4.42	4.41	4.80
10	4.72	3.76	2.58	3.33	1.83	2.09	3.63	3.23	4.13	4.98	4.47	4.19
11	4.82	3.35	3.09	2.50	2.51	2.18	3.62	3.74	4.60	5.04	4.59	4.07
12	5.10	2.83	4.22	1.42	2.30	2.54	3.92	4.12	4.83	4.84	4.33	4.27
13	4.24	3.28	3.05	2.29	1.58	2.27	3.41	4.34	5.43	4.70	4.02	4.07
14	3.38	3.05	4.06	1.84	1.66	2.92	3.62	4.63	5.22	4.57	3.74	3.64
15	3.84	2.73	2.42	2.82	2.89	3.06	3.92	4.97	5.02	4.40	3.66	3.47
16	5.21	3.95	3.10	2.70	3.27	3.62	4.56	5.74	4.58	4.09	3.69	3.18
17	3.97	4.83	3.72	3.78	5.49	4.50	5.85	4.92	4.12	3.67	3.63	3.24
18	3.73	3.16	3.91	3.92	5.19	5.03	5.03	4.41	4.01	3.26	3.43	3.80
19	3.77	2.90	3.62	4.44	4.17	5.16	4.64	3.99	3.47	3.21	3.04	3.63
20	3.36	3.74	4.57	3.43	3.49	5.34	4.27	2.96	3.85	3.01	2.75	3.16
21	3.69	3.95	3.76	3.12	3.45	4.56	3.29	3.56	3.70	3.25	3.06	3.52
22	3.79	4.58	3.54	2.28	3.32	4.17	4.14	3.21	3.35	3.34	3.37	3.90
23	3.46	2.39	3.21	2.25	4.74	3.28	3.87	3.23	3.42	3.06	3.29	4.56
24	3.42	2.19	3.05	3.10	1.71	3.76	2.72	3.21	3.49	3.10	3.47	4.34
25	3.68	2.81	6.04	3.44	2.55	3.75	3.30	3.14	3.67	3.13	3.74	4.73
26	4.51	3.32	3.60	3.10	2.73	3.69	3.76	3.62	3.81	3.35	4.40	4.67
27	2.94	3.14	3.19	3.53	3.21	3.50	3.43	3.49	3.99	3.58	4.53	5.13
28	2.99	3.08	3.62	3.20	3.96	2.90	3.37	3.84	3.85	4.06	4.40	5.51
29	3.25	3.20	3.69	3.21	---	3.51	3.44	4.06	4.01	4.20	4.28	5.45
30	3.83	3.73	3.66	3.50	---	3.50	3.77	4.01	3.85	4.06	4.09	4.36
31	3.91	---	4.64	3.97	---	3.22	---	4.26	---	4.28	4.24	---
MEAN	---	3.64	3.69	3.45	3.05	3.48	3.71	3.81	3.95	3.87	3.90	4.20
MAX	---	5.72	6.04	5.91	5.49	5.34	5.85	5.74	5.43	5.04	4.59	5.51
MIN	---	2.19	2.42	1.42	1.58	2.09	2.14	2.66	2.96	3.01	2.75	3.16

01311875 ROCKAWAY INLET NEAR FLOYD BENNETT FIELD, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL LOW-HIGH VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	3.51	2.25	4.36	3.47	3.35	2.92	3.15	3.54	2.87	3.71	3.59
2	---	3.26	2.95	4.09	2.15	3.83	3.20	3.15	2.50	3.02	3.58	*---
3	---	4.08	2.73	5.00	2.64	2.05	3.51	3.26	2.40	3.40	3.53	3.72
4	---	4.37	2.89	3.17	2.37	2.53	3.29	2.92	3.06	3.35	*---	3.56
5	---	4.53	4.10	3.29	1.28	2.98	3.54	2.75	2.96	*---	3.23	3.12
6	---	3.16	3.15	3.30	1.77	3.25	2.27	2.61	2.70	3.32	3.18	2.80
7	---	3.59	2.35	2.96	*---	2.98	*---	2.50	*---	3.39	2.90	3.24
8	e4.16	2.39	1.31	*---	1.52	2.32	3.09	*---	3.38	3.42	2.96	3.36
9	3.87	*---	*---	2.58	0.89	*---	2.40	2.60	3.64	3.12	3.23	3.98
10	3.60	2.82	2.52	2.85	1.60	1.73	2.52	2.72	3.19	3.44	3.37	3.86
11	*---	3.22	2.46	1.69	1.09	1.33	3.31	3.44	3.31	4.10	3.52	3.53
12	4.16	2.60	2.56	1.13	1.23	1.51	3.48	4.02	3.58	3.68	3.55	4.20
13	4.18	2.77	2.40	1.14	1.06	2.23	3.32	3.73	3.96	3.62	3.57	3.38
14	2.59	2.96	3.07	1.41	1.52	2.52	3.45	3.96	4.10	3.56	3.42	3.11
15	3.28	2.64	2.16	1.90	1.96	2.82	3.52	3.85	3.85	3.63	3.53	3.11
16	4.14	3.02	2.58	2.34	3.08	3.55	3.41	4.25	4.07	3.84	3.60	*---
17	3.67	4.22	3.22	2.60	4.77	4.45	4.81	4.21	3.35	3.45	*---	2.37
18	3.42	1.28	3.07	3.58	3.96	4.89	4.42	3.65	3.46	3.23	2.91	2.88
19	3.27	2.61	3.03	2.67	3.78	5.10	3.79	3.19	*---	*---	2.96	3.61
20	3.28	2.94	3.18	1.86	3.47	4.46	3.61	*---	3.41	2.99	2.24	2.46
21	3.46	3.25	2.32	1.97	3.23	4.14	*---	2.69	3.54	2.81	2.08	2.38
22	3.27	3.03	2.73	0.92	*---	3.62	3.24	2.89	3.26	2.39	2.16	2.82
23	2.59	0.95	2.62	*---	3.70	*---	2.65	2.87	3.05	2.34	2.33	3.80
24	2.52	1.32	*---	2.55	1.67	2.83	2.28	3.20	2.92	2.18	2.83	3.66
25	3.14	*---	3.35	2.28	1.14	2.88	2.88	3.00	2.75	2.03	2.68	4.28
26	2.94	2.05	1.87	2.13	2.17	2.66	3.43	3.15	2.69	2.04	3.10	4.64
27	*---	2.86	2.91	1.66	2.61	2.69	3.32	2.96	2.95	2.21	3.75	4.82
28	2.46	2.95	2.75	2.12	3.56	2.80	3.08	2.89	2.81	2.79	3.68	4.49
29	2.59	2.61	2.68	2.41	---	3.41	3.05	3.03	2.83	3.22	4.11	3.56
30	3.09	2.66	3.33	2.81	---	3.47	2.89	3.17	2.74	3.19	3.71	*---
31	3.53	---	3.77	3.50	---	3.16	---	3.18	---	3.48	3.64	---
MEAN	---	2.92	2.77	2.56	2.37	3.09	3.24	3.21	3.21	3.11	3.21	3.49
MAX	---	4.53	4.10	5.00	4.77	5.10	4.81	4.25	4.10	4.10	4.11	4.82
MIN	---	0.95	1.31	0.92	0.89	1.33	2.27	2.50	2.40	2.03	2.08	2.37

e Estimated from reconstructed graph
* Only a single high tide occurred

01311875 ROCKAWAY INLET NEAR FLOYD BENNETT FIELD, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL HIGH-LOW VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	-1.77	-3.44	-1.90	-1.66	-1.43	-2.38	-1.59	-0.66	-1.47	-1.62	-1.61
2	---	*---	*---	-1.15	-1.75	-1.62	-2.15	-1.38	-1.39	-1.44	-1.64	-0.84
3	---	-2.88	-3.32	-0.50	-2.88	-1.87	-1.45	-1.13	-1.47	-1.18	-1.41	-0.74
4	---	-2.67	-3.33	-0.25	-1.82	-2.16	-1.13	-1.35	-0.80	-1.21	-1.33	-0.91
5	---	-2.62	-2.34	-1.76	-3.04	-2.40	-0.36	-1.30	-0.79	-1.39	-1.29	-0.99
6	---	-1.43	-1.60	-1.46	-2.70	-1.49	-1.66	-0.89	-1.15	-1.17	-1.35	-0.97
7	---	-2.29	-2.05	-1.15	-1.78	-1.46	-1.12	-0.70	-0.88	-1.09	-1.52	-1.26
8	---	-1.63	-2.52	-0.68	-1.65	-1.62	-0.11	-0.38	-0.98	-1.53	-1.45	*---
9	-2.11	-1.80	-1.92	-0.81	-2.00	-1.11	0.11	-0.62	-1.20	-1.51	*---	-0.92
10	-1.67	-1.09	-1.29	-0.03	-0.94	-1.23	-0.02	-1.15	-1.95	-1.53	-1.88	-1.64
11	-0.46	-0.40	-0.11	-0.74	-0.96	-0.97	0.02	-0.81	-2.13	*---	-1.96	-1.81
12	0.67	-0.97	0.09	-2.06	-2.61	-0.73	-0.70	-1.39	*---	-1.83	-2.01	-0.82
13	0.13	-0.20	-0.53	-1.44	-2.70	-0.89	-1.99	-2.27	-2.12	-2.15	-1.98	-1.12
14	-0.54	-0.65	0.53	-1.79	-2.72	-1.44	*---	*---	-2.13	-2.08	-1.88	-1.22
15	-0.15	-1.42	-1.50	-1.92	*---	-1.99	-2.78	-2.77	-2.06	-1.82	-1.44	-0.89
16	1.68	0.35	-1.43	*---	-3.06	*---	-3.55	-2.14	-1.71	-1.45	-1.00	-0.81
17	-0.88	*---	*---	-2.15	-0.64	-2.07	-1.83	-2.14	-1.86	-1.38	-0.68	-0.32
18	-1.26	-0.76	-1.02	-1.94	-1.33	-2.21	-2.07	-2.38	-1.25	-1.21	-0.32	0.93
19	*---	-2.51	-1.68	-1.64	-2.76	-2.19	-2.25	-2.10	-0.77	-0.83	-0.66	0.24
20	-1.93	-1.95	-0.93	-2.74	-2.98	-2.55	-1.89	-1.66	-0.31	-0.72	-0.86	-0.28
21	-1.57	-1.47	-1.57	-3.32	-2.68	-2.20	-1.27	-1.42	-0.22	-0.43	-0.65	-0.44
22	-1.50	-0.84	-2.36	-3.83	-0.80	-2.02	-0.62	-0.66	-0.43	-0.80	-0.57	-0.59
23	-1.57	-2.08	-2.25	-2.91	-0.66	-1.65	-1.24	-0.62	-0.52	-0.77	-0.58	*---
24	-1.71	-2.79	-2.26	-2.38	-2.35	-1.14	-1.12	-0.64	-0.75	-1.24	-0.98	-1.68
25	-1.32	-1.94	-0.70	-1.78	-2.55	-0.73	-0.97	-0.99	-0.84	-1.20	*---	-1.85
26	-0.08	-1.27	-1.85	-1.88	-1.78	-1.28	-0.45	-0.76	*---	*---	-1.67	-2.10
27	-1.02	-0.69	-1.69	-2.27	-1.46	-1.59	-1.34	-1.21	-0.86	-1.74	-1.84	-1.97
28	-0.72	-1.46	-1.62	-2.40	*---	-1.53	*---	*---	-1.16	-1.49	-2.24	-1.60
29	-0.76	-1.62	-1.78	-2.63	---	*---	-1.69	-1.21	-1.37	-1.54	-2.11	-1.49
30	-0.61	-2.13	-1.87	*---	---	-1.72	-1.85	-1.22	-1.53	-1.78	-2.27	-1.78
31	-0.84	---	*---	-2.02	---	-1.83	---	-0.82	---	-1.55	-1.87	---
MEAN	---	-1.53	-1.66	-1.78	-2.01	-1.62	-1.35	-1.30	-1.19	-1.36	-1.42	-1.05
MAX	---	0.35	0.53	-0.03	-0.64	-0.73	0.11	-0.38	-0.22	-0.43	-0.32	0.93
MIN	---	-2.88	-3.44	-3.83	-3.06	-2.55	-3.55	-2.77	-2.13	-2.15	-2.27	-2.10

* Only a single low tide occurred

01311875 ROCKAWAY INLET NEAR FLOYD BENNETT FIELD, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY TIDAL LOW-LOW VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	-3.38	-3.69	-2.48	-2.09	-2.23	-2.79	-1.73	-0.97	-1.98	-1.89	-1.96
2	---	-2.88	-3.63	-1.63	-2.95	-1.68	-2.25	-1.88	-1.80	-1.92	-2.03	-1.38
3	---	-3.05	-3.50	-0.89	-3.03	-3.20	-1.89	-1.54	-2.07	-1.70	-1.95	-0.75
4	---	-2.72	-3.54	-1.96	-2.38	-2.97	-1.55	-1.48	-1.36	-1.65	-1.62	-1.22
5	---	-2.82	-3.11	-1.81	-3.54	-2.51	-0.74	-1.41	-1.22	-1.76	-1.74	-1.51
6	---	-1.82	-2.23	-1.48	-2.85	-1.93	-1.84	-1.16	-1.56	-1.96	-1.41	-1.50
7	---	-2.32	-2.51	-1.52	-1.88	-1.96	-1.88	-1.20	-1.72	-1.54	-1.59	-1.83
8	e-2.46	-2.29	-2.70	-1.60	-2.01	-1.76	-0.36	-0.87	-1.48	-1.53	-1.86	-1.32
9	-2.37	-2.27	-2.36	-1.10	-2.19	-1.60	-0.55	-1.20	-1.21	-1.61	-1.73	-1.55
10	-1.86	-1.18	-1.62	-1.07	-1.28	-1.58	-0.44	-1.59	-2.01	-1.69	-1.88	-1.66
11	-1.06	-1.34	-0.83	-2.29	-1.78	-1.31	-0.26	-1.54	-2.18	-1.35	-2.22	-2.17
12	0.32	-1.00	-1.87	-2.24	-2.67	-1.28	-1.21	-1.75	-2.38	-1.90	-2.31	-1.38
13	-0.48	-1.45	-0.66	-2.98	-3.24	-1.43	-2.01	-2.29	-2.40	-2.24	-2.38	-1.17
14	-0.94	-1.61	-1.79	-2.20	-3.51	-1.57	-2.77	-2.55	-2.22	-2.43	-2.49	-1.60
15	-0.29	-1.91	-1.64	-2.38	-3.27	-2.32	-3.43	-2.84	-2.42	-2.40	-2.21	-1.27
16	-0.58	-1.10	-1.99	-2.39	-3.30	-2.44	-3.65	-2.82	-2.39	-2.23	-1.72	-0.84
17	-1.03	-0.17	-1.38	-2.20	-2.30	-2.34	-2.53	-2.27	-2.29	-2.24	-1.40	-0.76
18	-1.37	-2.98	-1.74	-2.03	-2.32	-2.22	-2.30	-2.70	-1.91	-1.88	-1.21	0.22
19	-1.32	-3.45	-2.14	-2.57	-2.76	-2.33	-2.54	-2.58	-1.58	-1.62	-0.92	-0.35
20	-1.93	-2.12	-1.18	-3.84	-3.08	-2.58	-2.22	-2.31	-1.37	-1.43	-1.09	-0.80
21	-1.65	-1.72	-3.15	-3.75	-2.77	-2.37	-2.03	-1.97	-0.85	-1.00	-0.89	-0.96
22	-1.68	-1.02	-2.46	-4.17	-2.34	-2.39	-1.34	-1.67	-1.02	-1.00	-0.85	-0.83
23	-2.18	-2.98	-2.40	-3.83	-2.46	-2.12	-1.34	-1.41	-0.86	-1.09	-1.57	-0.86
24	-1.72	-2.90	-2.68	-2.41	-3.25	-1.68	-1.95	-0.92	-0.86	-1.47	-1.73	-1.76
25	-1.35	-2.57	-1.41	-2.14	-3.18	-1.30	-1.39	-1.24	-0.87	-1.69	-1.43	-1.89
26	-0.47	-1.42	-2.63	-2.15	-2.18	-1.40	-0.57	-0.87	-0.88	-1.37	-1.87	-2.11
27	-1.29	-1.38	-2.01	-2.87	-2.05	-1.86	-1.54	-1.42	-1.00	-1.76	-1.87	-2.14
28	-1.01	-2.25	-2.16	-2.59	-1.64	-2.08	-1.93	-1.33	-1.25	-2.17	-2.35	-1.71
29	-1.09	-3.05	-2.62	-2.81	---	-1.82	-2.02	-1.33	-1.66	-1.84	-2.41	-1.63
30	-0.93	-2.47	-2.19	-2.54	---	-2.09	-2.03	-1.41	-1.76	-2.08	-2.53	-2.12
31	-1.67	---	-2.13	-2.21	---	-2.89	---	-1.33	---	-2.21	-2.40	---
MEAN	---	-2.12	-2.26	-2.33	-2.58	-2.04	-1.78	-1.70	-1.58	-1.77	-1.79	-1.36
MAX	---	-0.17	-0.66	-0.89	-1.28	-1.28	-0.26	-0.87	-0.85	-1.00	-0.85	0.22
MIN	---	-3.45	-3.69	-4.17	-3.54	-3.20	-3.65	-2.84	-2.42	-2.43	-2.53	-2.17

e Estimated from reconstructed graph

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or floodflow analyses, depending on the type of data collected. In addition, discharge measurements are made at other sites not included in the partial record program. These measurements are generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Low-flow partial-record stations

Measurements of streamflow in the area covered by this report made at low-flow partial-record stations are given in the following table. Most of these measurements were made during periods of base flow when streamflow is primarily from ground-water storage. These measurements, when correlated with the simultaneous discharge of a nearby stream where continuous records are available, give a picture of the low-flow potentiality of the stream. The column headed "Period of record" shows the water years in which measurements were made at the same, or practically the same, site. Where "Drainage area" column is blank, drainage area was not available at time of publication.

Discharge measurements made at low-flow partial-record stations during water year 2003

Station number	Station name	Location	Drainage area (mi^2)	Period of record	Measurements	
					Date	Discharge (ft^3/s)
		Streams on Long Island				
01304600	Big Fresh Pond Outlet at North Sea, N.Y.	Lat 40°55′49″, long 72°25′04″, Suffolk County, at culvert on Noyack Road, at North Sea, 3.5 mi northwest of Southampton	--	1951-69 1971-98 2001-03	12-02-02 04-30-03	0.88 3.78
01304630	Mill Creek at Noyack, N.Y..	Lat 40°59′35″, long 72°21′00″, Suffolk County, 50 ft upstream from culvert on Noyack Road, 0.25 mi west of Noyack	--	1958-98 2001-03	12-02-02 04-30-03	0.25 1.14
01304660	Ligonee Brook at Sag Harbor, N.Y.	Lat 40°59′21″, long 72°18′12″, Suffolk County, at culvert on Brick Kiln Road, 0.75 mi southwest of Sag Harbor	--	1953-69 1973-98 2001-03	10-24-02 04-30-03	0.01 1.14
01304672	Tanbark Creek at Three Mile Harbor, N.Y.	Lat 40°59′44″, long 72°11′06″, Suffolk County, at culvert on Soak Hides Road	--	1974-75 2001-03	10-24-02 04-25-03	0.30 0.70
01304675	Fresh Pond Tributary at Barnes Hole, N.Y.	Lat 40°59′51″, long 72°07′22″, Suffolk County, at culvert on Albert's Landing Road	--	1974-75 2001-03	10-24-02 04-29-03	0.04 0.52
01304693	Hook Pond Tributary at East Hampton, N.Y.	Lat 40°57′34″, long 72°10′42″, Suffolk County, at culvert on Davids Lane	--	1974-75 2001-03	10-24-02 04-29-03	0.39 1.40
01304697	Georgica Pond Tributary No. 2 at Midhampton, N.Y.	Lat 40°57′10″, long 72°13′48″, Suffolk County, at culvert on State Highway 27A	--	1974-75 2001-03	12-02-02 03-12-03	0.04 0.40
01304700	Georgica Pond Tributary No. 1 at Midhampton, N.Y.	Lat 40°57′01″, long 72°14′20′″, Suffolk County, at culvert on State Highway 27A	--	1974-75 2001-03	12-02-02 03-12-03	0.35 0.67
01304730	Poxabogue Pond Outlet at Sagaponack, N.Y.	Lat 40°55′48″, long 72°17′16″, Suffolk County, at culvert on Sagg St., at Sagaponack, and 1 mi southeast of Bridgehampton	--	1953-78 1980-86 1988-98 2001-03	10-24-02 04-29-03	0.87 4.52
01304739	Mill Creek at Water Mill, N.Y.	Lat 40°54′34″, long 72°01′25″, Suffolk County, at culvert on Old Mill Rd.	--	1974-75 2001-03	10-24-02 04-29-03	1.48 5.29

KINGS COUNTY

404052073515201. Local number, K1194.5

LOCATION.--Lat 40°40'52", long 73°51'52", Hydrologic Unit 02030202, at north side of McKinley Avenue, 90 ft west of Drew Street, City Line. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 55 ft, screened 45 to 50 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 28.5 ft above sea level. Measuring point: Top of casing, 0.52 ft below land-surface datum.

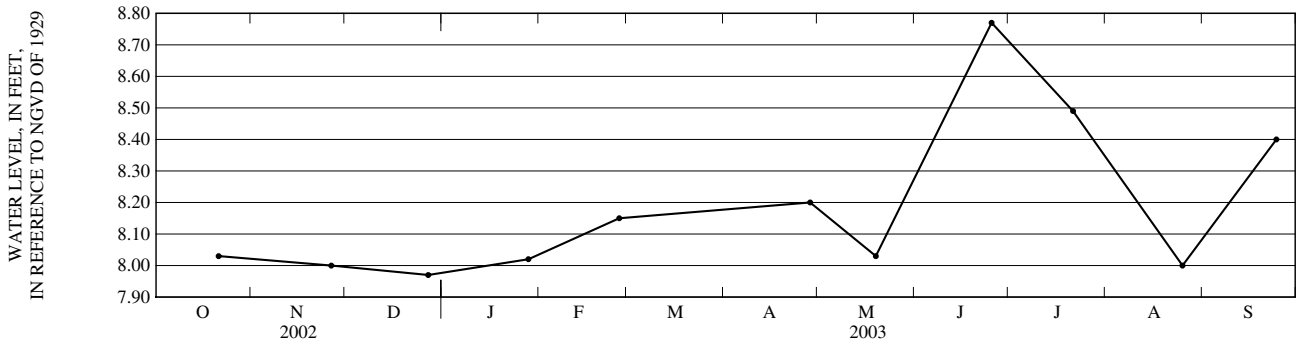
REMARKS.--Replaced well K1194.4 in October 2000 near same location.

PERIOD OF RECORD.--October 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.77 ft above sea level, June 25, 2003; lowest measured, 7.97 ft below sea level, December 27, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	8.03	DEC 27	7.97	FEB 26	8.15	MAY 19	8.03	JUL 21	8.49	SEP 24	8.40
NOV 26	8.00	JAN 28	8.02	APR 28	8.20	JUN 25	8.77	AUG 25	8.00		



404236073574601. Local number, K1301.1

LOCATION.--Lat 40°42'35", long 73°57'48", Hydrologic Unit 02030201, at Williamsburg Savings Bank, in basement, 84 ft north of Broadway and 178 ft west of Driggs Avenue, Williamsburg. Owner: Williamsburg Savings Bank.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled unused steel well, diameter 8 in. to 6 in., depth 92 ft, screened 72 to 92 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

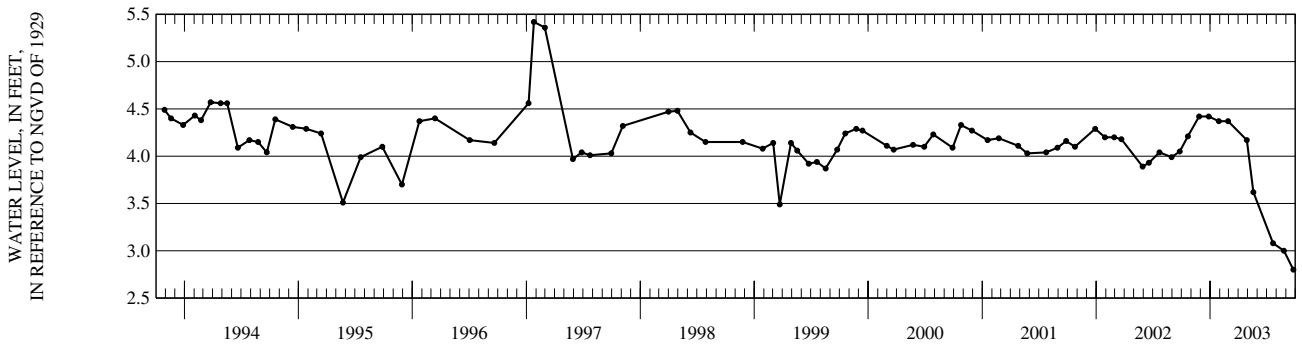
DATUM.--Land-surface datum is 52.5 ft above sea level. Measuring point: Hole in top of 4-in steel plug, 9.03 ft below land- surface datum.

PERIOD OF RECORD.--January 1961 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.08 ft above sea level, October 2, 1978; lowest measured, 7.72 ft below sea level, January 19, 1961.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	4.21	DEC 27	4.42	FEB 27	4.37	MAY 19	3.62	AUG 25	3.00		
NOV 26	4.42	JAN 28	4.37	APR 28	4.17	JUL 21	3.08	SEP 24	2.80		



KINGS COUNTY—Continued

403451073585601. Local number, K2859.1

LOCATION.--Lat 40°34'51", long 73°58'56", Hydrologic Unit 02030202, at east side of Stillwell Avenue, 689 ft north of Neptune Avenue, Coney Island. Owner: Great Bear Auto Shop.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled steel private supply well, diameter 4 in., depth 500 ft, screened 474 to 500 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 8.0 ft above sea level. Measuring point: Top of 2-in steel reducer at 3/4-in hole, 0.79 ft below land-surface datum.

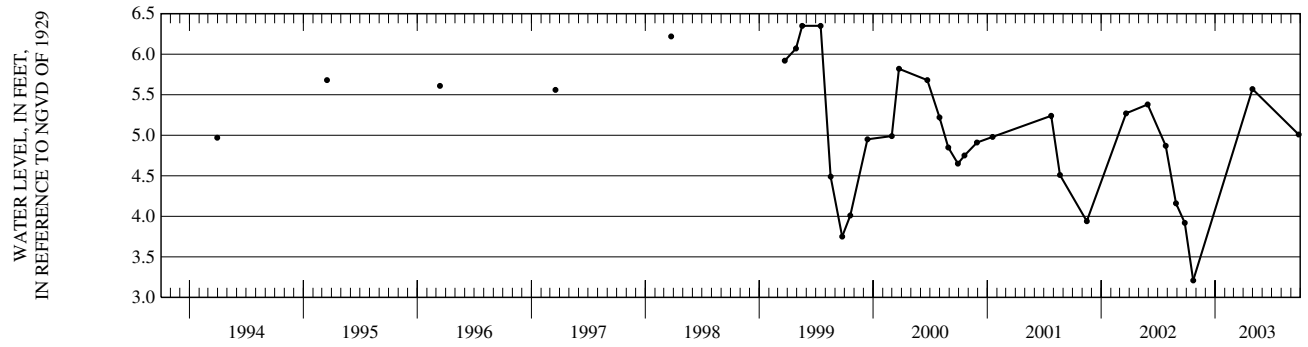
REMARKS.--Water level affected by tidal fluctuation.

PERIOD OF RECORD.--March 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.35 ft above sea level, May 18 and July 16, 1999; lowest measured, 0.20 ft above sea level, January 8, 1987.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	3.21	APR 30	5.57	SEP 25	5.01



403612073573208. Local number, K3159.1

LOCATION.--Lat 40°36'12", long 73°57'32", Hydrologic Unit 02030202, at east side of East 14th Street, 52 ft north of Avenue S, Sheepshead Bay. Owner: City of New York

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 35 ft, screened 32 to 35 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

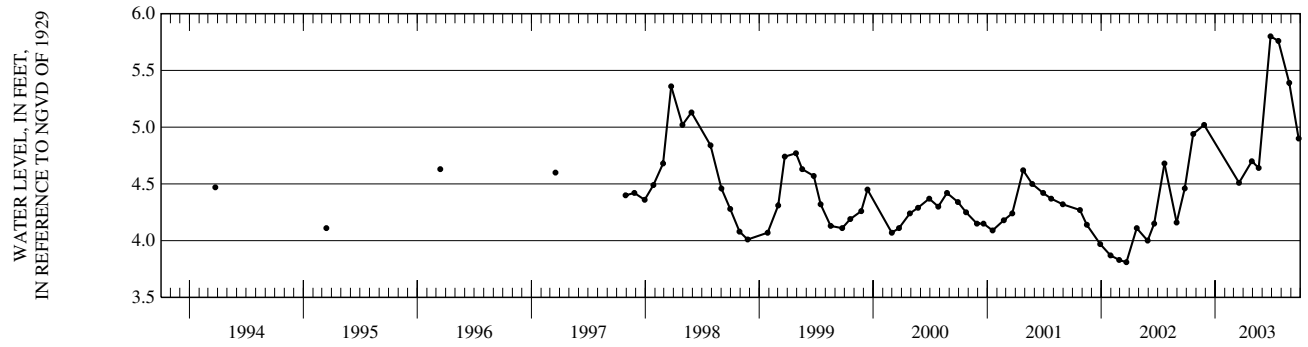
DATUM.--Land-surface datum is 20.0 ft above sea level. Measuring point: Top of casing, 0.36 ft below land-surface datum.

PERIOD OF RECORD.--July 1970 to June 1976 and April 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.80 ft above sea level, June 27, 2003; lowest measured, 3.60 ft above sea level, July 24, 1970.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	4.94	MAR 18	4.51	MAY 20	4.64	JUL 22	5.76	SEP 25	4.90		
NOV 26	5.02	APR 28	4.70	JUN 27	5.80	AUG 26	5.39				



KINGS COUNTY—Continued

404155073552109. Local number, K3245.2

LOCATION.--Lat 40°41'55", long 73°55'21", Hydrologic Unit 02030201, at west side of Wilson Avenue, 54 ft north of Stanhope Street, Bushwick. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 21.9 ft, screened 16.9 to 21.9 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 30.0 ft above sea level. Measuring point: Top of casing, 0.99 ft below land-surface datum.

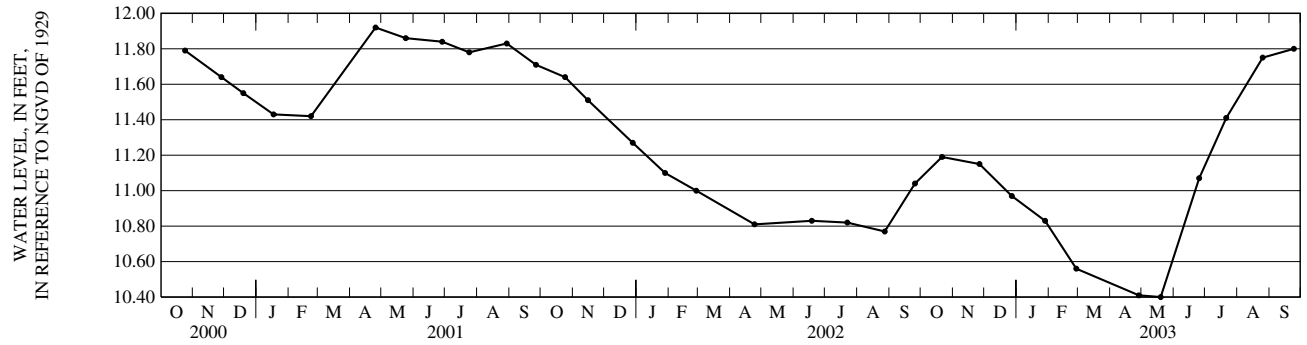
REMARKS.--Replaced well K3245.1 in October 2000 near same location.

PERIOD OF RECORD.--October 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.92 ft above sea level, April 25, 2001; lowest measured, 10.40 ft above sea level, May 19, 2003.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	11.19	DEC 27	10.97	FEB 27	10.56	MAY 19	10.40	JUL 21	11.41	SEP 24	11.80
NOV 26	11.15	JAN 28	10.83	APR 28	10.41	JUN 25	11.07	AUG 25	11.75		



403902073552802. Local number, K3246.2

LOCATION.--Lat 40°39'02", long 73°55'28", Hydrologic Unit 02030202, at north side of Snyder Avenue, between Kings Highway and East 56th Street, East Flatbush. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 35 ft, screened 20 to 30 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 25.5 ft above sea level. Measuring point: Top of casing, 0.16 ft below land-surface datum.

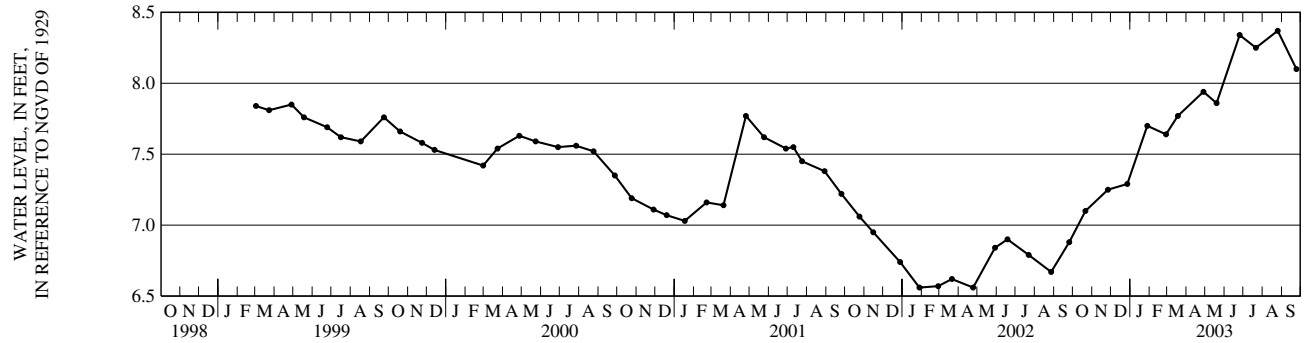
REMARKS.--Replaced well K3246.1 in November 1998 near same location.

PERIOD OF RECORD.--March 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.37 ft above sea level, August 25, 2003; lowest measured, 6.56 ft above sea level, January 28 and April 24, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	7.10	DEC 27	7.29	FEB 27	7.64	APR 28	7.94	JUN 25	8.34	AUG 25	8.37
NOV 26	7.25	JAN 28	7.70	MAR 18	7.77	MAY 19	7.86	JUL 21	8.25	SEP 24	8.10



KINGS COUNTY—Continued

403712074001608. Local number, K3248.1

LOCATION.--Lat 40°37'12", long 74°00'16", Hydrologic Unit 02030202, at northwest corner of 73rd Street and 14th Avenue, New Utrecht. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven steel observation well, diameter 2 in., depth 45 ft, screened 42 to 45 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

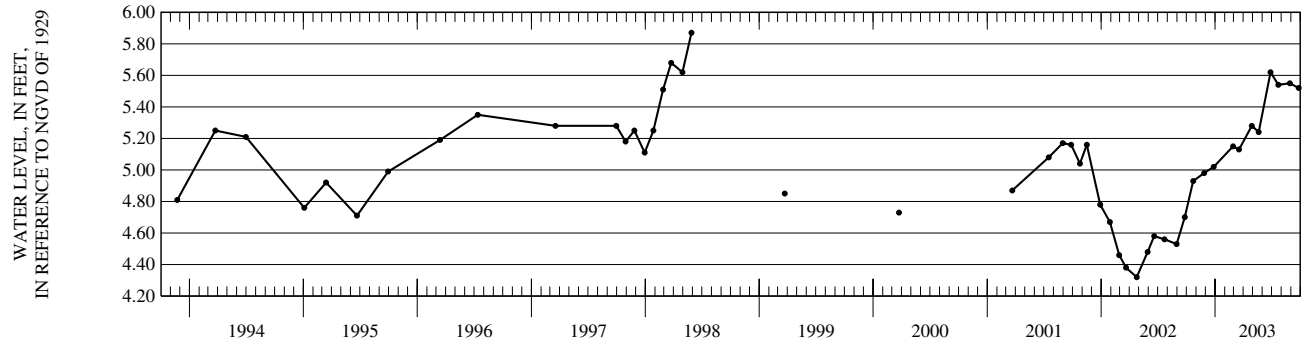
DATUM.--Land-surface datum is 40.4 ft above sea level. Measuring point: Top of casing, at land-surface datum.

PERIOD OF RECORD.--March 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 5.87 ft above sea level, May 28, 1998; lowest measured, 3.38 ft above sea level, December 28, 1984.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	4.93	DEC 27	5.02	MAR 18	5.13	MAY 20	5.24	JUL 22	5.54	SEP 25	5.52
NOV 26	4.98	FEB 27	5.15	APR 28	5.28	JUN 27	5.62	AUG 28	5.55		



403623074002101. Local number, K3249.1

LOCATION.--Lat 40°36'23", long 74°00'23", Hydrologic Unit 02030202, at east side of Bay 16th Street, 42 ft north of Benson Avenue, Bath Beach. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 34 ft, screened 31 to 34 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

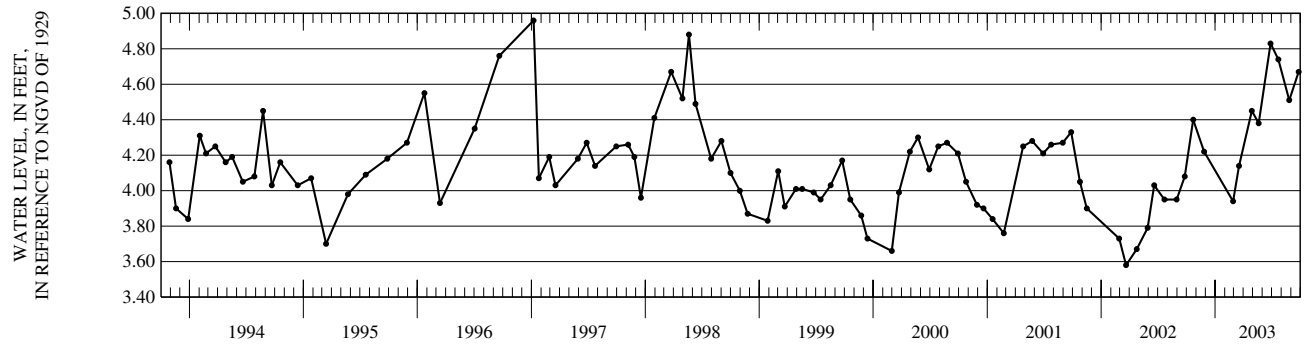
DATUM.--Land-surface datum is 31.0 ft above sea level. Measuring point: Top of coupling, 0.02 ft below land-surface datum.

PERIOD OF RECORD.--April 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.09 ft above sea level, January 24, 1991; lowest measured, 3.16 ft above sea level, May 21, 1985.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	4.40	FEB 27	3.94	APR 28	4.45	JUN 27	4.83	AUG 26	4.51		
NOV 26	4.22	MAR 18	4.14	MAY 20	4.38	JUL 22	4.74	SEP 25	4.67		



KINGS COUNTY—Continued

403520073575501. Local number, K3251.1

LOCATION.--Lat 40°35'20", long 73°57'55", Hydrologic Unit 02030202, at north side of Avenue Y, 115 ft west of East 6th Street, Brighton Beach. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 23 ft, screened 20 to 23 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

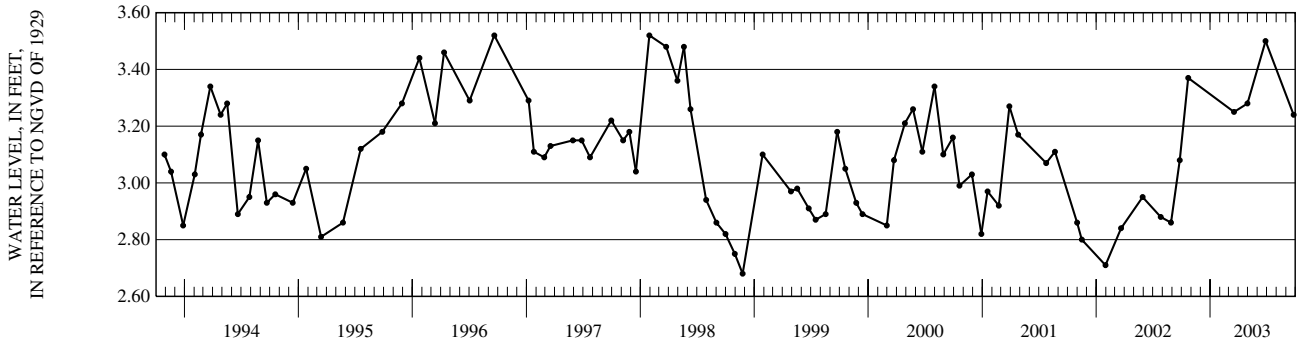
DATUM.--Land-surface datum is 9.5 ft above sea level. Measuring point: Top of coupling, 0.06 ft below land-surface datum.

PERIOD OF RECORD.--April 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.52 ft above sea level, September 19, 1996; lowest measured, 2.56 ft above sea level, March 25, 1982.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	3.37	MAR 18	3.25	APR 30	3.28	JUN 27	3.50	SEP 25	3.24



403702073555808. Local number, K3252.1

LOCATION.--Lat 40°37'02", long 73°55'58", Hydrologic Unit 02030202, at east side of Hendrickson Street, 46 ft north of Quentin Avenue, Flatlands. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 30 ft, screened 27 to 30 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

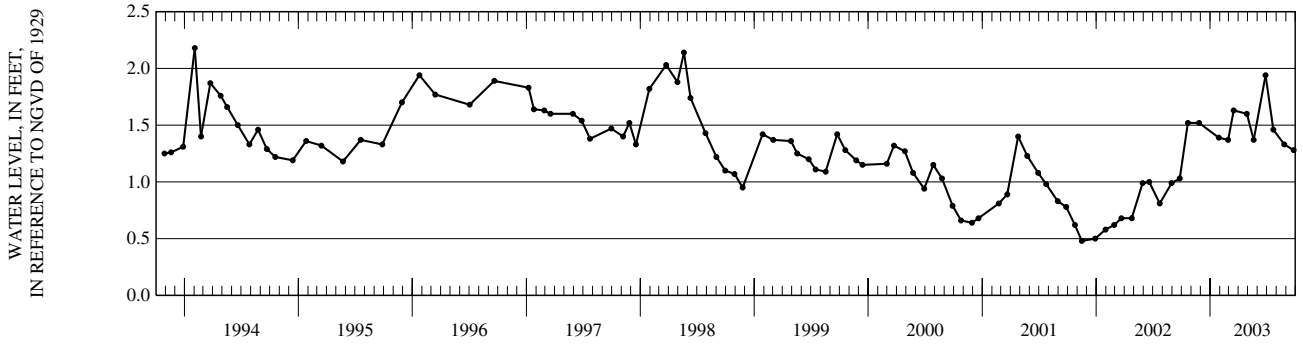
DATUM.--Land-surface datum is 12.7 ft above sea level. Measuring point: Top of coupling, 0.02 ft below land-surface datum.

PERIOD OF RECORD.--June 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.68 ft above sea level, February 11, 1981; lowest measured, 0.48 ft above sea level, November 15, 2001.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	1.52	JAN 28	1.39	MAR 17	1.63	MAY 20	1.37	JUL 22	1.46	SEP 25	1.28
NOV 26	1.52	FEB 27	1.37	APR 28	1.60	JUN 27	1.94	AUG 26	1.33		



KINGS COUNTY—Continued

403737073564908. Local number, K3254.1

LOCATION.--Lat 40°37'37", long 73°56'49", Hydrologic Unit 02030202, at east side of East 31st Street, 46 ft south of Avenue J, Flatbush. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 29 ft, screened 26 to 29 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

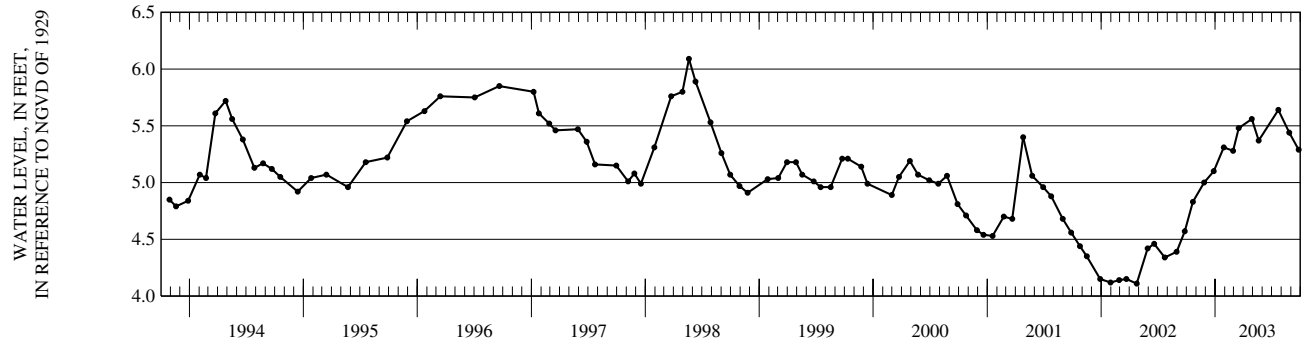
DATUM.--Land-surface datum is 26.9 ft above sea level. Measuring point: Top of coupling, 0.09 ft below land-surface datum.

PERIOD OF RECORD.--April 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.91 ft above sea level, June 27, 1984; lowest measured, 4.11 ft above sea level, April 24, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	4.83	DEC 27	5.10	FEB 27	5.28	APR 28	5.56	JUL 22	5.64	SEP 25	5.29
NOV 26	5.00	JAN 28	5.31	MAR 17	5.48	MAY 20	5.37	AUG 26	5.44		



403827073535202. Local number, K3255.2

LOCATION.--Lat 40°38'27", long 73°53'52", Hydrologic Unit 02030202, at south side of Avenue J, 120 ft east of Rockaway Avenue, Canarsie. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 25 ft, screened 15 to 25 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 17.0 ft above sea level. Measuring point: Top of casing, 0.42 ft below land-surface datum.

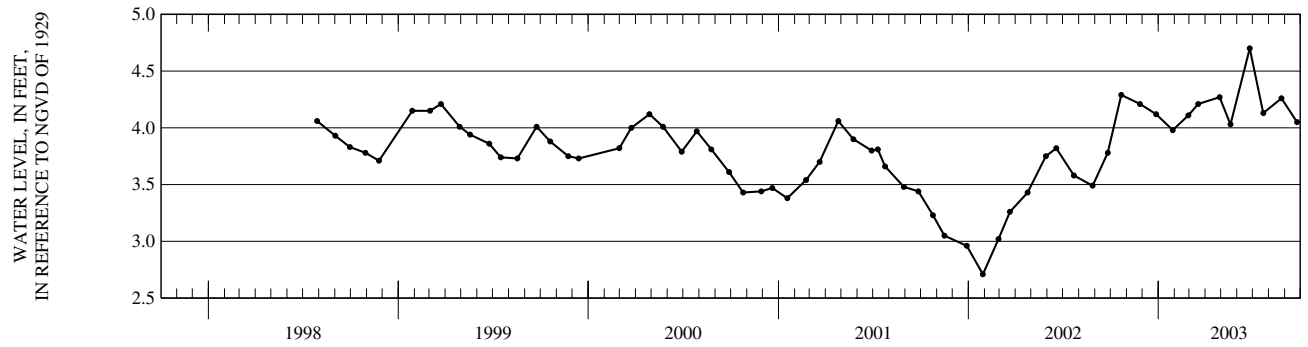
REMARKS.--Replaced well K3255.1 in June 1998 near same location.

PERIOD OF RECORD.--July 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.70 ft above sea level, June 25, 2003; lowest measured, 2.71 ft above sea level, January 28, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	4.29	DEC 27	4.12	FEB 27	4.11	APR 28	4.27	JUN 25	4.70	AUG 25	4.26
NOV 26	4.21	JAN 28	3.98	MAR 18	4.21	MAY 19	4.03	JUL 21	4.13	SEP 24	4.05



KINGS COUNTY—Continued

403949073532109. Local number, K3256.2

LOCATION.--Lat 40°39'49", long 73°53'21", Hydrologic Unit 02030202, at intersection of New Lots Avenue, Riverdale Avenue, and Miller Avenue, at north side of Wyckoff Triangle, East New York. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 40 ft, screened 25 to 35 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 27.0 ft above sea level. Measuring point: Top of casing, 0.38 ft below land-surface datum.

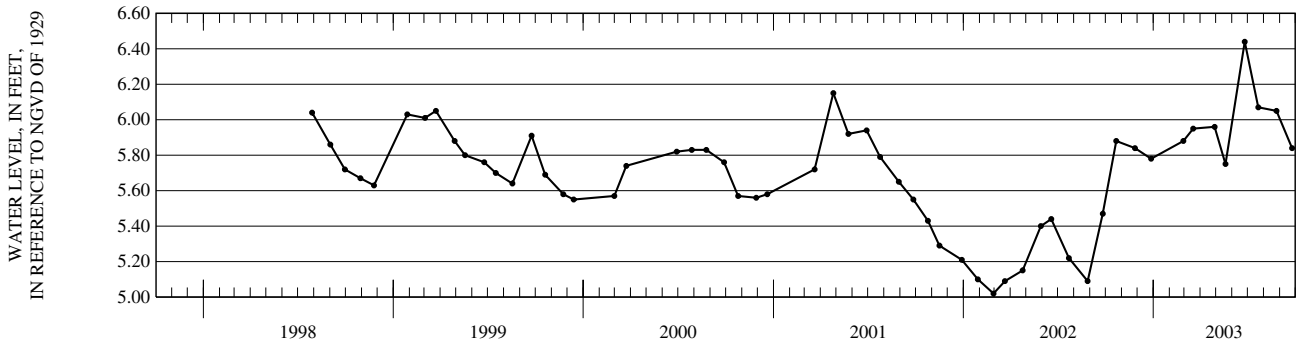
REMARKS.--Replaced well K3256.1 in June 1998 near same location.

PERIOD OF RECORD.--July 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.44 ft above sea level, June 25, 2003; lowest measured, 5.02 ft above sea level, February 27, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	5.88	DEC 27	5.78	MAR 18	5.95	MAY 19	5.75	JUL 21	6.07	SEP 24	5.84
NOV 26	5.84	FEB 27	5.88	APR 28	5.96	JUN 25	6.44	AUG 25	6.05		



404017073544502. Local number, K3257.2

LOCATION.--Lat 40°40'17", long 73°54'45", Hydrologic Unit 02030202, at east side of Chester Street, 188 ft south of East New York Avenue, Brownsville. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 55 ft, screened 40 to 50 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 48.5 ft above sea level. Measuring point: Top of coupling, 0.28 ft below land-surface datum.

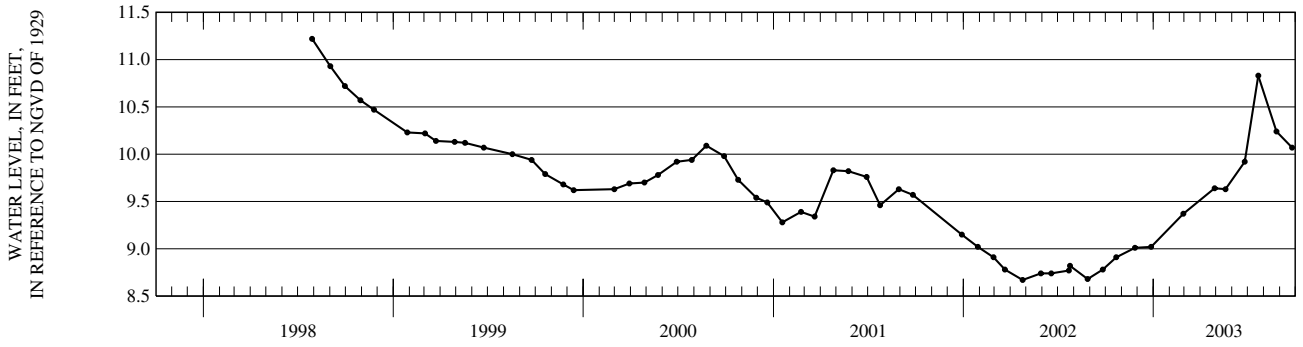
REMARKS.--Replaced well K3257.1 in June 1998 near same location.

PERIOD OF RECORD.--July 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.22 ft above sea level, July 28, 1998; lowest measured, 8.67 ft above sea level, April 24, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	8.91	DEC 27	9.02	APR 28	9.64	JUN 25	9.92	AUG 25	10.24		
NOV 26	9.01	FEB 27	9.37	MAY 19	9.63	JUL 21	10.83	SEP 24	10.07		



KINGS COUNTY—Continued

404325073563509. Local number, K3260.2

LOCATION.--Lat 40°43'25", long 73°56'35", Hydrologic Unit 02030201, at west side of Monitor Avenue, 50 ft north of Driggs Avenue, Greenpoint. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 42.6 ft, screened 32.6 to 37.6 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 29.0 ft above sea level. Measuring point: Top of casing, 0.30 ft below land-surface datum.

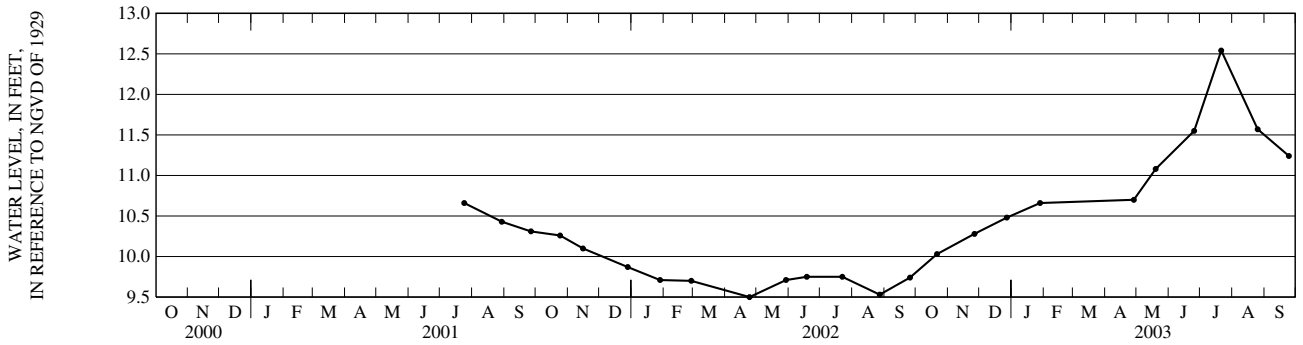
REMARKS.--Replaced well K3260.1 in July 2001 near same location.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.54 ft above sea level, July 21, 2003; lowest measured, 9.50 ft above sea level, April 24, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	10.03	DEC 27	10.48	APR 28	10.70	JUN 25	11.55	AUG 25	11.57		
NOV 26	10.28	JAN 28	10.66	MAY 19	11.08	JUL 21	12.54	SEP 24	11.24		



404025073515101. Local number, K3271.1

LOCATION.--Lat 40°40'25", long 73°51'51", Hydrologic Unit 02030202, at west side of Eldert Lane, 45 ft south of Sutter Avenue, East New York. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 34 ft, screened 31 to 34 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

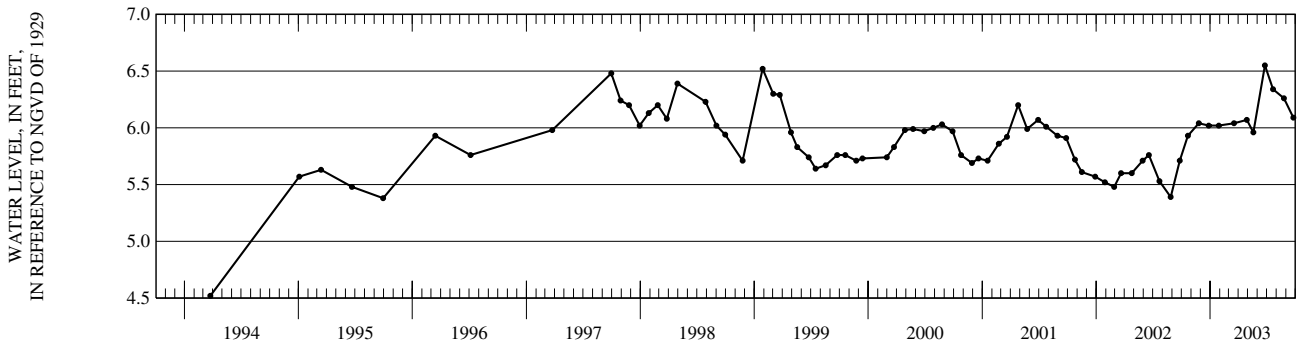
DATUM.--Land-surface datum is 22.4 ft above sea level. Measuring point: Top of $^1/_4$-in hole in steel plug, 0.02 ft above land-surface datum.

PERIOD OF RECORD.--June 1981 to October 1985 and March 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.55 ft above sea level, June 25, 2003; lowest measured, 4.46 ft above sea level, December 21, 1982.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	5.93	DEC 27	6.02	MAR 18	6.04	MAY 19	5.96	JUL 21	6.34	SEP 24	6.09
NOV 25	6.04	JAN 28	6.02	APR 28	6.07	JUN 25	6.55	AUG 25	6.26		



KINGS COUNTY—Continued

403817073580101. Local number, K3273.1

LOCATION.--Lat 40°38'17", long 73°58'01", Hydrologic Unit 02030202, at east side of Westminster Road, 33 ft north of Dorchester Road, Flatbush. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 39 ft, screened 36 to 39 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

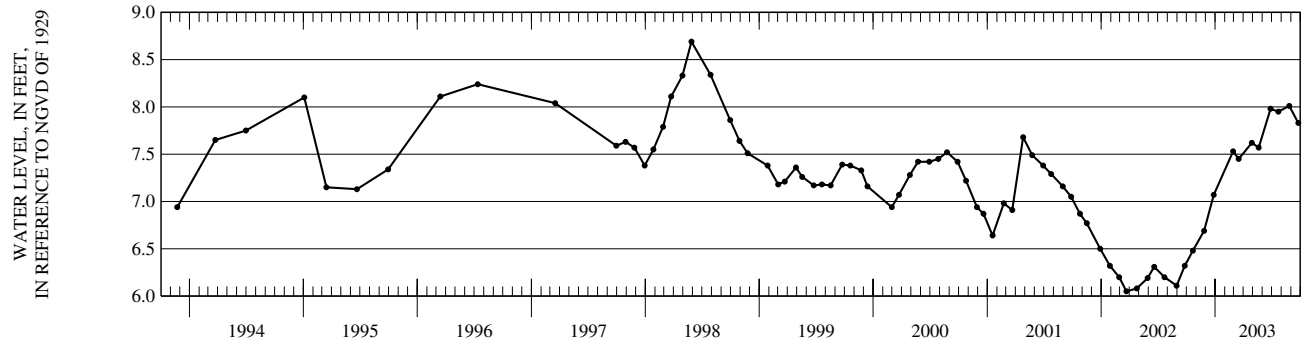
DATUM.--Land-surface datum is 33.5 ft above sea level. Measuring point: Top of coupling, 0.06 ft below land-surface datum.

PERIOD OF RECORD.--June 1981 to October 1985 and May 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.32 ft above sea level, March 19, 1984; lowest measured, 6.05 ft above sea level, March 22, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	6.48	DEC 27	7.07	MAR 17	7.45	MAY 20	7.57	JUL 22	7.95	SEP 24	7.83
NOV 26	6.69	FEB 27	7.53	APR 28	7.62	JUN 27	7.98	AUG 26	8.01		



403635073580108. Local number, K3274.1

LOCATION.--Lat 40°36'35", long 73°58'01", Hydrologic Unit 02030202, at west side of East 7th Street, 49 ft north of Avenue P, Gravesend. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 34 ft, screened 31 to 34 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

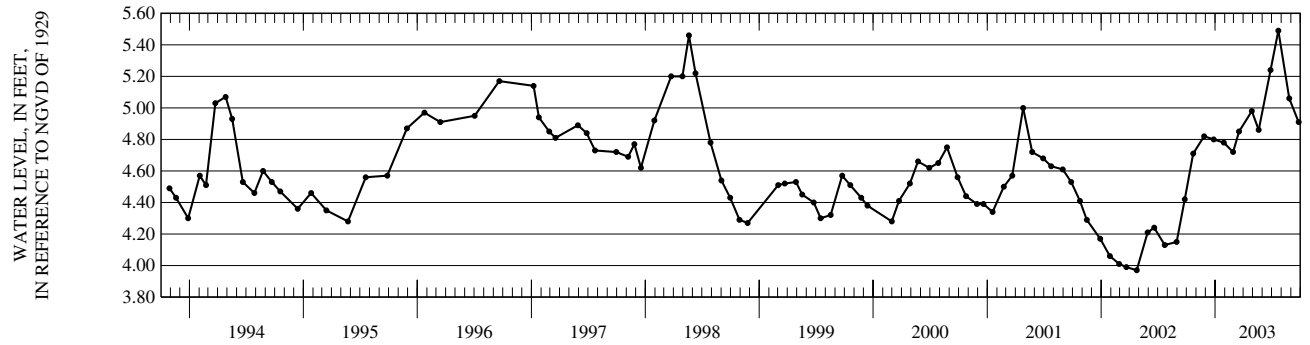
DATUM.--Land-surface datum is 27.5 ft above sea level. Measuring point: Top of casing, 0.22 ft below land-surface datum.

PERIOD OF RECORD.--June 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.88 ft above sea level, October 3, 1984; lowest measured, 3.53 ft above sea level, October 6, 1982.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	4.71	DEC 27	4.80	FEB 27	4.72	APR 28	4.98	JUN 27	5.24	AUG 26	5.06
NOV 26	4.82	JAN 28	4.78	MAR 18	4.85	MAY 20	4.86	JUL 22	5.49	SEP 25	4.91



KINGS COUNTY—Continued

403737074011701. Local number, K3275.1

LOCATION.--Lat 40°37'37", long 74°01'17", Hydrologic Unit 02030202, at east side of 6th Avenue, 19 ft south of 76th Street, Bay Ridge. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 76 ft, screened 73 to 76 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

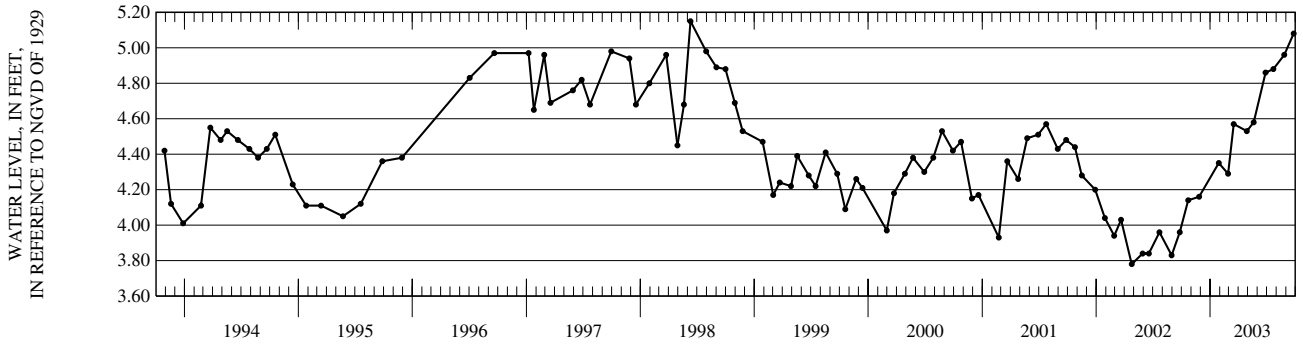
DATUM.--Land-surface datum is 67.2 ft above sea level. Measuring point: Top of coupling, 0.05 ft below land-surface datum.

PERIOD OF RECORD.--June 1981 to current year. Unpublished records from June 1981 to September 1982 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.65 ft above sea level, January 5, 1984; lowest measured, 3.20 ft above sea level, April 28, 1989.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	4.14	JAN 28	4.35	MAR 17	4.57	MAY 20	4.58	JUL 22	4.88	SEP 25	5.08
NOV 26	4.16	FEB 27	4.29	APR 28	4.53	JUN 27	4.86	AUG 26	4.96		



404135073584001. Local number, K3276.1

LOCATION.--Lat 40°41'35", long 73°58'40", Hydrologic Unit 02030201, at east side of Saint Edwards Street, 75 ft south of Myrtle Avenue, Fort Greene. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 54 ft, screened 51 to 54 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

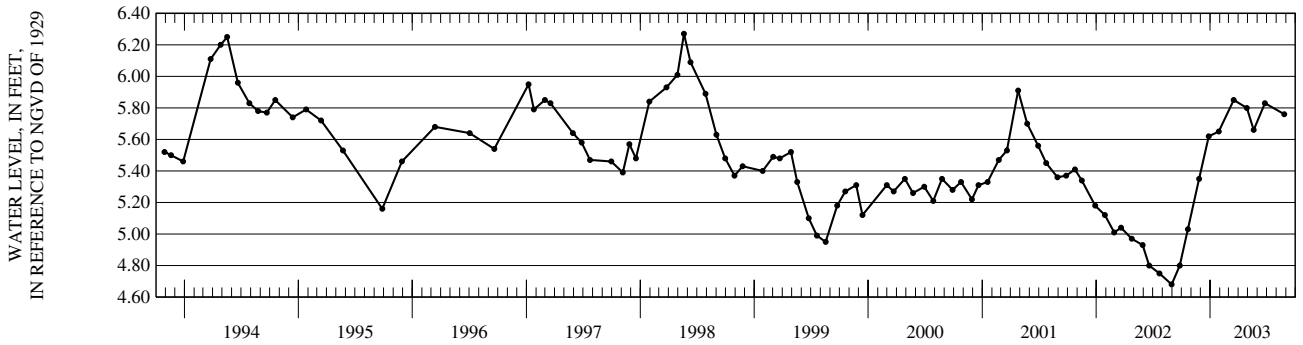
DATUM.--Land-surface datum is 38.0 ft above sea level. Measuring point: Top of coupling, 0.02 ft below land-surface datum.

PERIOD OF RECORD.--April 1981 to current year. Unpublished records from April 1981 to September 1982 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.71 ft above sea level, January 5, 1984; lowest measured, 4.30 ft above sea level, October 1, 1985.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	5.03	DEC 27	5.62	MAR 17	5.85	MAY 20	5.66	AUG 26	5.76		
NOV 26	5.35	JAN 28	5.65	APR 28	5.80	JUN 25	5.83				



KINGS COUNTY—Continued

404037073584001. Local number, K3301.1

LOCATION.--Lat 40°40'36", long 73°58'40", Hydrologic Unit 02030201, at north side of Lincoln Place, 120 ft east of 6th Avenue, easternmost well, Park Slope. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 70 ft, screened 65 to 70 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

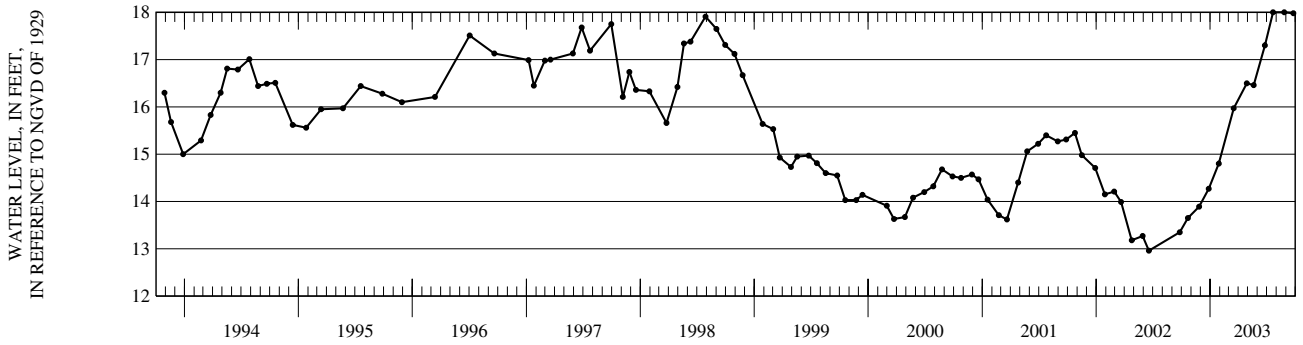
DATUM.--Land-surface datum is 60.6 ft above sea level. Measuring point: Top of coupling, 1.6 ft below land-surface datum.

PERIOD OF RECORD.--March 1984 to October 1985 and June 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.16 ft above sea level, June 28, 1984; lowest measured, 12.96 ft above sea level, June, 18 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	13.65	DEC 27	14.27	MAR 17	15.97	MAY 20	16.46	JUL 21	18.00	SEP 24	17.98
NOV 26	13.89	JAN 28	14.80	APR 28	16.50	JUN 25	17.30	AUG 26	18.00		



403719073573301. Local number, K3405.1

LOCATION.--Lat 40°37'19", long 73°57'33", Hydrologic Unit 02030202, at west side of East 17th Street, 0.1 mile north of Avenue L, Midwood. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 214 ft, screened 204 to 214 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

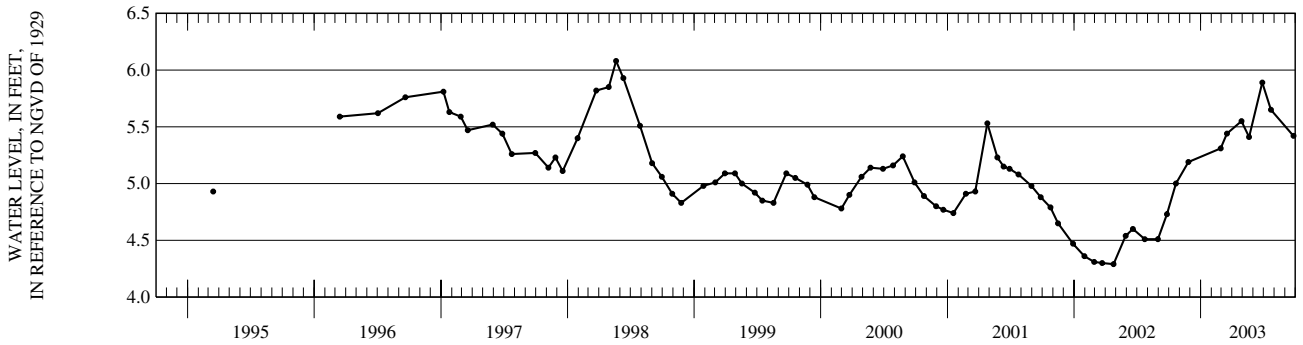
DATUM.--Land-surface datum is 33.5 ft above sea level. Measuring point: Top of casing, 0.01 ft below land-surface datum.

PERIOD OF RECORD.--March 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.08 ft above sea level, May 20, 1998; lowest measured, 4.29 ft above sea level, April 24, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	5.00	FEB 27	5.31	APR 28	5.55	JUN 27	5.89	SEP 25	5.42		
NOV 26	5.19	MAR 17	5.44	MAY 20	5.41	JUL 22	5.65				



KINGS COUNTY—Continued

403806074021901. Local number, K3406.1

LOCATION.--Lat 40°38'06", long 74°02'19", Hydrologic Unit 02030201, at west side of Shore Road, north of 74th Street, at northwest corner of Promenade Park, Bay Ridge. Owner: United States Geological Survey.

AQUIFER.--Jameco (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 155 ft, screened 135 to 145 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 14.4 ft above sea level. Measuring point: Top of casing, 0.04 ft below land-surface datum.

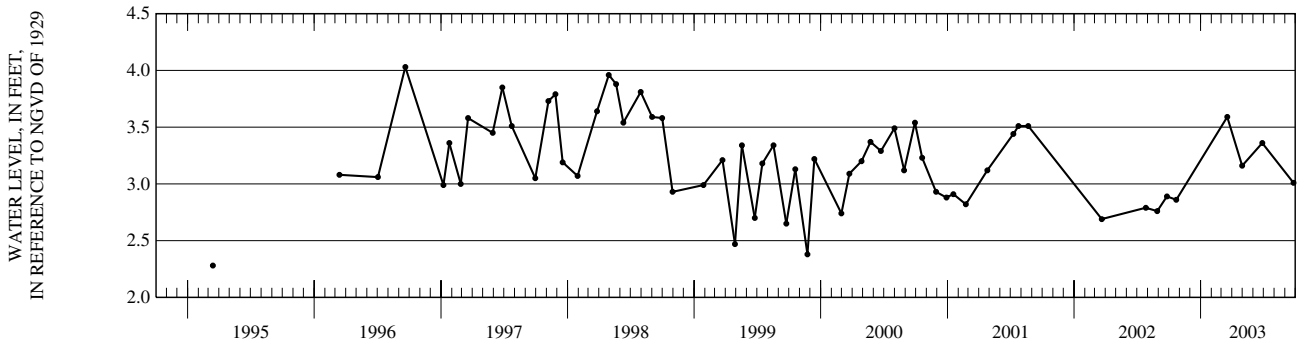
REMARKS.--Water level affected by tidal fluctuation.

PERIOD OF RECORD.--March 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.03 ft above sea level, September 19, 1996; lowest measured, 2.28 ft above sea level, March 14, 1995.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	2.86	MAR 18	3.59	APR 30	3.16	JUN 27	3.36	SEP 25	3.01



403520073575701. Local number, K3407.1

LOCATION.--Lat 40°35'20", long 73°57'57", Hydrologic Unit 02030202, at west side of northbound Ocean Parkway service road, 54 ft north of Avenue Y, Gravesend. Owner: United States Geological Survey.

AQUIFER.--Jameco (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 405 ft, screened 385 to 405 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 8.5 ft above sea level. Measuring point: Top of casing, 0.03 ft below land-surface datum.

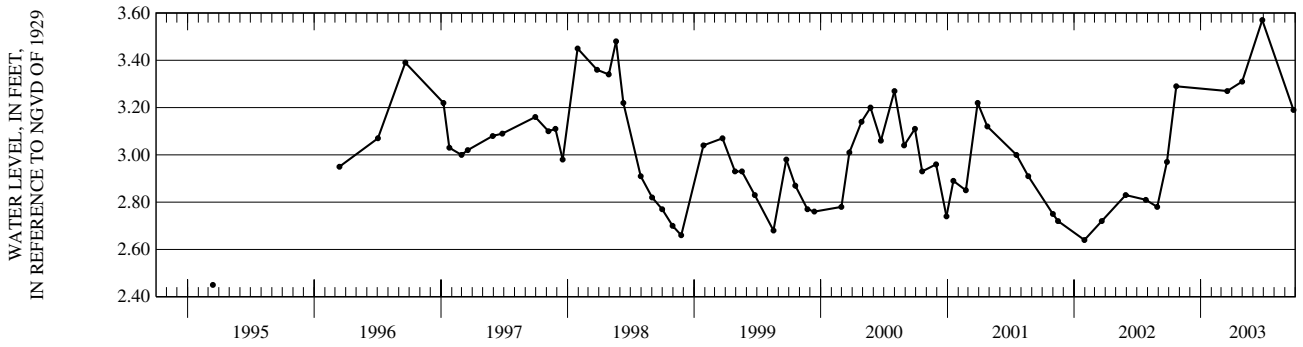
REMARKS.--Water level affected by tidal fluctuation.

PERIOD OF RECORD.--March 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.57 ft above sea level, June 27, 2003; lowest measured, 2.45 ft above sea level, March 14, 1995.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	3.29	MAR 18	3.27	APR 30	3.31	JUN 27	3.57	SEP 25	3.19



KINGS COUNTY—Continued

404039073555002. Local number, K3410.1

LOCATION.--Lat 40°40'39", long 73°55'50", Hydrologic Unit 02030201, at east side of Utica Avenue, 54 ft north of Atlantic Avenue, northernmost well, Bedford-Stuyvesant. Owner: United States Geological Survey.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 360 ft, screened 330 to 350 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

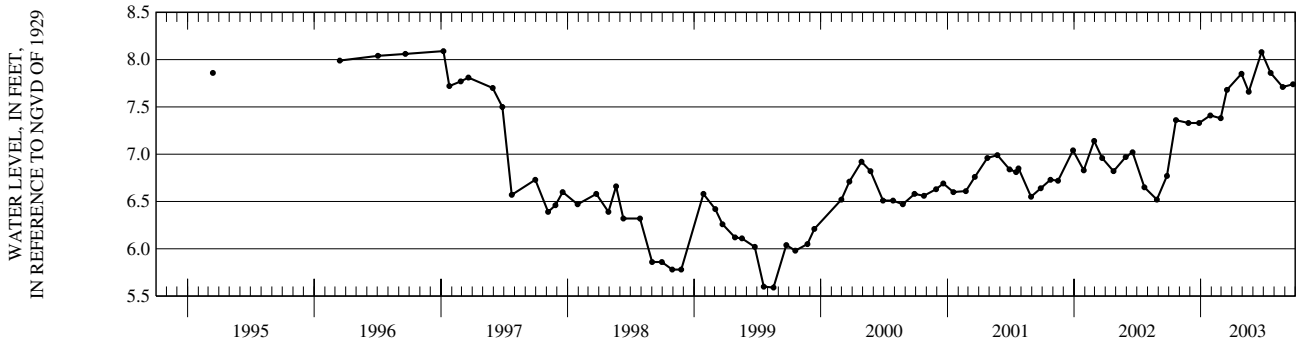
DATUM.--Land-surface datum is 61.8 ft above sea level. Measuring point: Top of casing, 0.09 ft below land-surface datum.

PERIOD OF RECORD.--March 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.09 ft above sea level, January 7, 1997; lowest measured, 5.59 ft above sea level, August 17, 1999.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	7.36	DEC 27	7.33	FEB 27	7.38	APR 28	7.85	JUN 25	8.08	AUG 25	7.71
NOV 26	7.33	JAN 28	7.41	MAR 17	7.68	MAY 19	7.66	JUL 21	7.86	SEP 24	7.74



403431073581101. Local number, K3414.1

LOCATION.--Lat 40°34'31", long 73°58'11", Hydrologic Unit 02030202, at south side of Sea Breeze Avenue, 200 ft west of Ocean Parkway, Coney Island. Owner: United States Geological Survey.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 410 ft, screened 390 to 410 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 7.1 ft above sea level. Measuring point: Top of casing, 0.09 ft below land-surface datum.

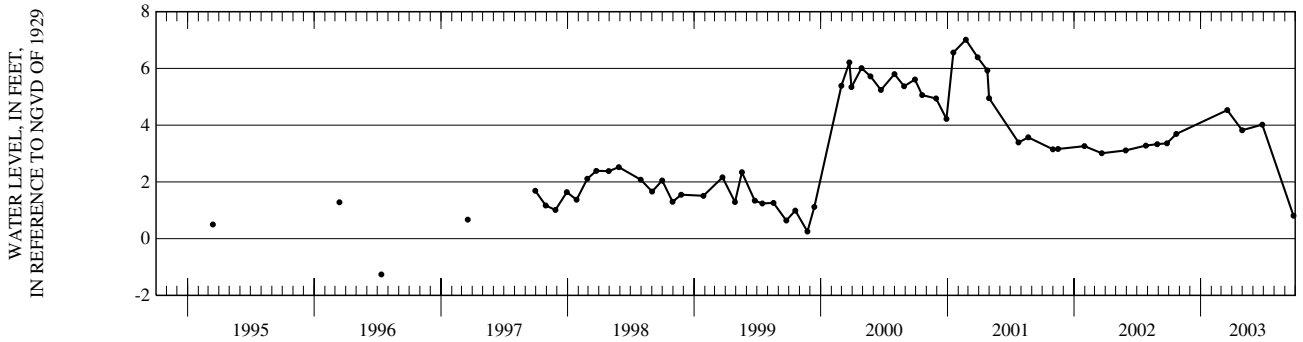
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--March 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.01 ft above sea level, February 22, 2001; lowest measured, 1.26 ft below sea level, July 12, 1996.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	3.69	MAR 18	4.53	APR 30	3.82	JUN 27	4.02	SEP 25	.81



403840073592101. Local number, K3424.1

LOCATION.--Lat 40°38'40", long 73°59'21", Hydrologic Unit 02030201, at north side of Fort Hamilton Parkway, 176 ft east of 37th Street, Borough Park. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 75 ft, screened 70 to 75 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

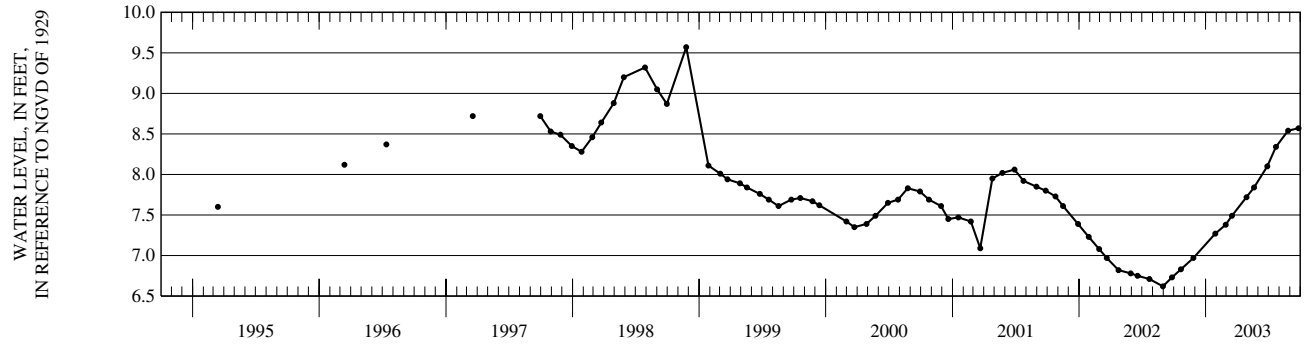
DATUM.--Land-surface datum is 75.4 ft above sea level. Measuring point: Top of coupling, 0.03 ft below land-surface datum.

PERIOD OF RECORD.--March 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.57 ft above sea level, November 24, 1998; lowest measured, 6.62 ft above sea level, August 30, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	6.83	JAN 28	7.27	MAR 17	7.49	MAY 20	7.84	JUL 22	8.34	SEP 25	8.57
NOV 26	6.97	FEB 27	7.38	APR 28	7.72	JUN 27	8.10	AUG 26	8.54		



404039073555001. Local number, K3425.1

LOCATION.--Lat 40°40'39", long 73°55'50", Hydrologic Unit 02030201, at east side of Utica Avenue, 50 ft north of Atlantic Avenue, southernmost well, Bedford-Stuyvesant. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 80 ft, screened 70 to 75 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

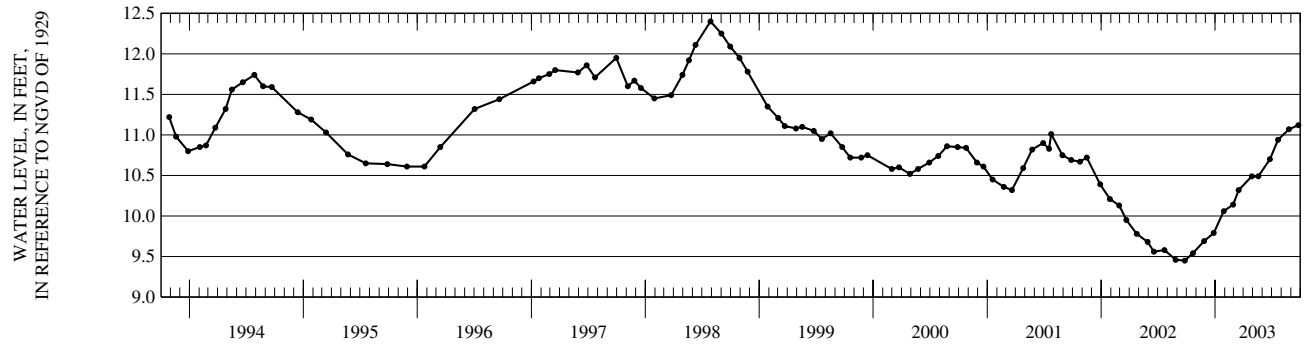
DATUM.--Land-surface datum is 61.9 ft above sea level. Measuring point: Top of casing, 0.05 ft below land-surface datum.

PERIOD OF RECORD.--March 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.40 ft above sea level, July 28, 1998; lowest measured, 9.45 ft above sea level, September 25, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	9.54	DEC 27	9.79	FEB 27	10.14	APR 28	10.49	JUN 25	10.70	AUG 25	11.07
NOV 26	9.69	JAN 28	10.06	MAR 17	10.32	MAY 19	10.49	JUL 21	10.94	SEP 24	11.12



KINGS COUNTY—Continued

403941073574302. Local number, K3431.1

LOCATION.--Lat 40°39'41", long 73°57'43", Hydrologic Unit 02030201, at Prospect Park, west side of East Park Drive, across from Lincoln Road exit, southernmost well, Flatbush. Owner: United States Geological Survey.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 385 ft, screened 355 to 375 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

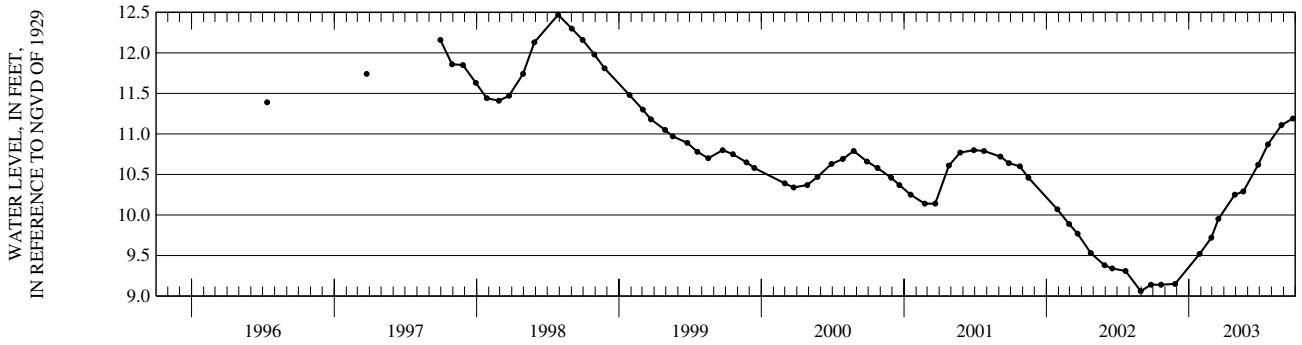
DATUM.--Land-surface datum is 81.3 ft above sea level. Measuring point: Top of casing, 0.26 ft below land-surface datum.

PERIOD OF RECORD.--July 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.47 ft above sea level, July 28, 1998; lowest measured, 9.06 ft above sea level, August 30, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 21	9.14	JAN 28	9.52	MAR 17	9.95	MAY 20	10.29	JUL 22	10.87	SEP 24	11.19
NOV 26	9.15	FEB 27	9.72	APR 28	10.25	JUN 27	10.62	AUG 26	11.11		



NASSAU COUNTY

404048073412602. Local number, N9.1

LOCATION.--Lat 40°40'48", long 73°41'26", Hydrologic Unit 02030202, at Valley Stream State Park, 30 ft west of Corona Avenue, 650 ft north of Remsen Street, Valley Stream. Owner: Long Island State Park Commission.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled unused steel well, diameter 4 in. to 6 in., depth 138 ft, screened 98 to 138 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

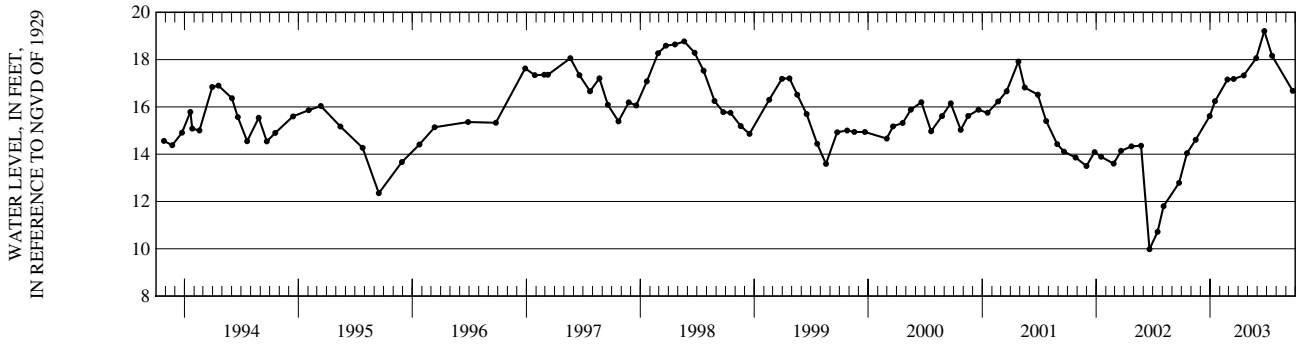
DATUM.--Land-surface datum is 22.6 ft above sea level. Measuring point: Top of casing, 2.08 ft above land-surface datum.

PERIOD OF RECORD.--July 1936 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.57 ft above sea level, September 23, 1938; lowest measured, 5.95 ft above sea level, March 22, 1983.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 18	14.04	DEC 30	15.61	FEB 25	17.16	APR 18	17.33	JUN 23	19.21	SEP 22	16.68
NOV 15	14.61	JAN 16	16.24	MAR 17	17.18	MAY 28	18.06	JUL 18	18.16		



405010073414901. Local number, N35.1

LOCATION.--Lat 40°50'10", long 73°41'51", Hydrologic Unit 02030201, at Port Washington Water District Pumping Center, 115 ft south of Sandy Hollow Road, in recorder shelter, Port Washington. Owner: Port Washington Water District.

AQUIFER.--Port Washington (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 16 in. to 6 in., depth 387 ft, screen 287 to 387 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 13.6 ft above sea level. Measuring point: Top of steel recorder shelter flange, 3.64 ft above land-surface datum.

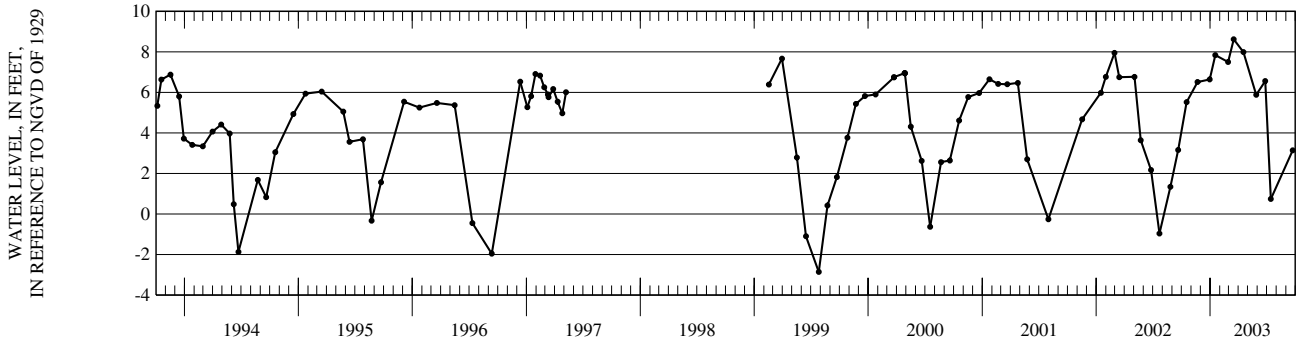
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--August 1946 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.02 ft above sea level, January 31, 1958; lowest measured, 16.15 ft below sea level, July 29, 1954.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	5.52	DEC 30	6.64	FEB 27	7.50	APR 17	7.99	JUN 26	6.56	SEP 22	3.14
NOV 21	6.51	JAN 17	7.84	MAR 17	8.62	MAY 28	5.88	JUL 14	.74		



NASSAU COUNTY—Continued

403929073382908. Local number, N53.1

LOCATION.--Lat 40°39'29", long 73°38'29", Hydrologic Unit 02030202, at Rockville Centre Municipal Power Plant, in battery room, Maple Avenue and Morris Avenue, Rockville Centre. Owner: Village of Rockville Center.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 8 in., depth 50 ft, screen assumed at bottom.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

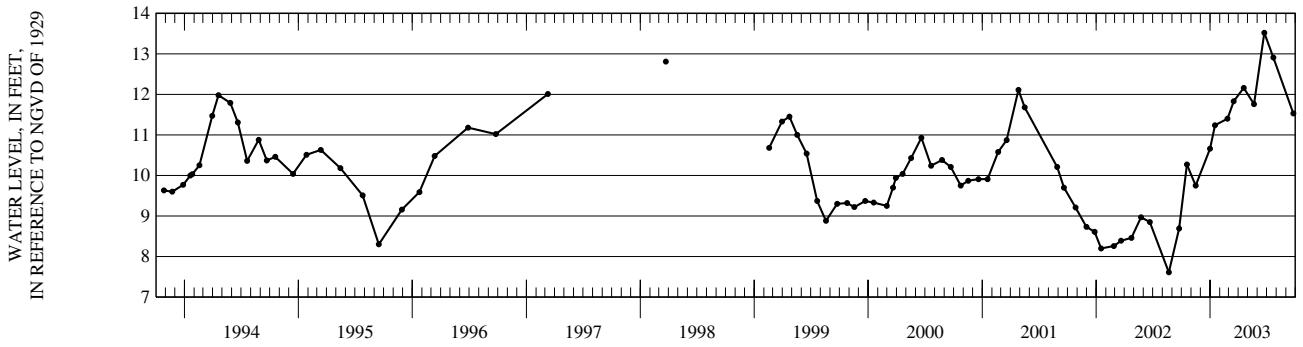
DATUM.--Land-surface datum is 26.2 ft above sea level. Measuring point: Top of 2-in steel extender, 5.24 ft below land-surface datum.

PERIOD OF RECORD.--August 1934 to current year. Unpublished records from August 1934 to September 1975 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.49 ft above sea level, April 15, 1939; lowest measured, 7.61 ft above sea level, August 21, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 18	10.27	DEC 31	10.66	FEB 25	11.40	APR 18	12.16	JUN 23	13.52	SEP 24	11.53
NOV 15	9.75	JAN 16	11.24	MAR 17	11.83	MAY 21	11.76	JUL 22	12.91		



403922073353501. Local number, N67.1

LOCATION.--Lat 40°39'22", long 73°35'35", Hydrologic Unit 02030202, at Freeport Power Station, in battery room, 105 ft north of Sunrise Highway (State Route 27), west of Long Beach Avenue, Freeport. Owner: Village of Freeport.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 12 in., depth 1,052 ft, screen assumed at bottom.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 22.0 ft above sea level. Measuring point: Top of casing, 1.00 ft below land-surface datum.

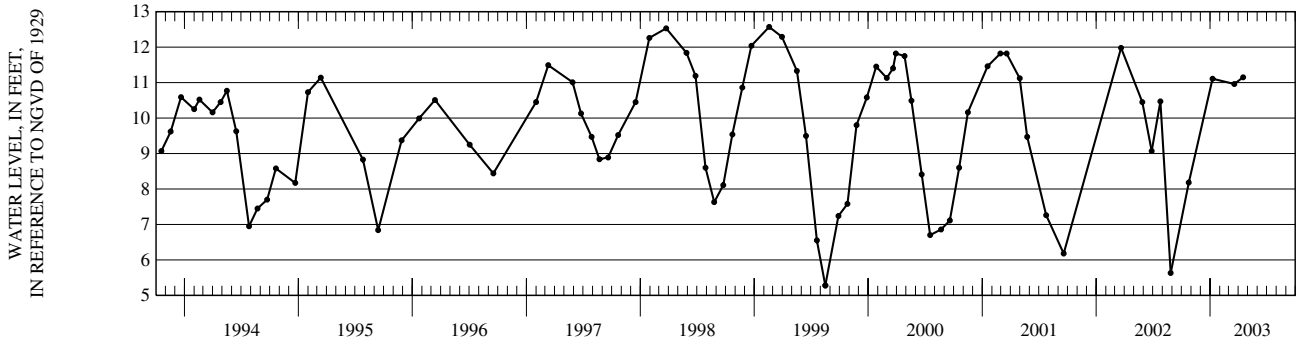
REMARKS.--Water level affected by nearby pumping.

PERIOD OF RECORD.--December 1946 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.95 ft above sea level, May 8, 1957; lowest measured, 3.76 ft below sea level, March 23, 1983.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	8.18	JAN 08	11.11	MAR 19	10.96	APR 16	11.15



NASSAU COUNTY—Continued

404030073293703. Local number, N180.2

LOCATION.--Lat 40°40'30", long 73°29'37", Hydrologic Unit 02030202, at Long Island Railroad track embankment, 200 ft north of Sunrise Highway (State Route 27), west of Seaford-Oyster Bay Expressway (State Route 135), Seaford. Owner: City of New York.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled unused steel well, diameter 4 in. to 6 in., depth 723 ft, screen assumed at bottom.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

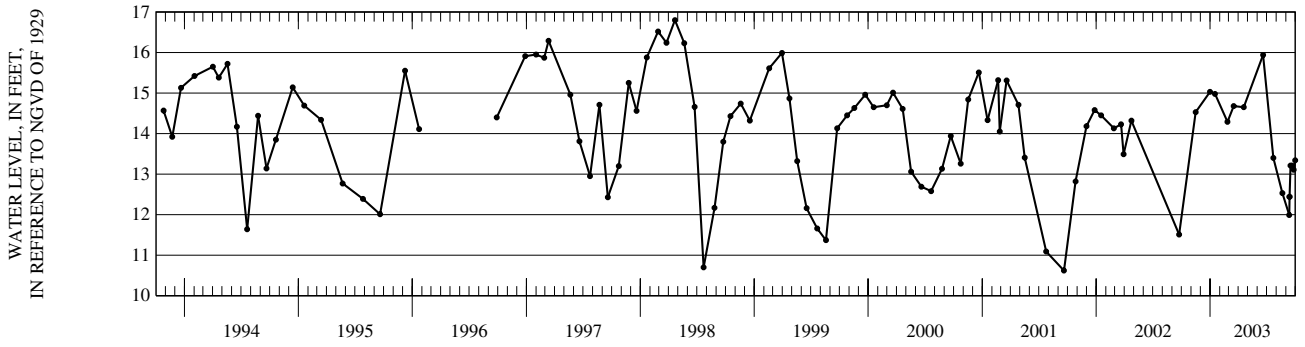
DATUM.--Land-surface datum is 16.0 ft above sea level. Measuring point: Top of coupling, 13.69 ft above land-surface datum.

PERIOD OF RECORD.--June 1952 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.08 ft above sea level, June 6, 1952; lowest measured, 10.62 ft above sea level, September 19, 2001.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 15	14.53	FEB 25	14.29	JUN 19	15.94	SEP 11	11.99	SEP 20	13.21		
DEC 31	15.03	MAR 17	14.68	JUL 22	13.40	12	12.44	25	13.11		
JAN 16	14.98	APR 18	14.65	AUG 20	12.53	15	13.21	30	13.34		



404940073392701. Local number, N662.1

LOCATION.--Lat 40°49'40", long 73°39'27", Hydrologic Unit 02030201, at Bar Beach, east side of Shore Road, Port Washington. Owner: Town of North Hempstead.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 8 in., depth 364 ft, screen 347 to 363 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 10.6 ft above sea level. Measuring point: Top of coupling, 5.90 ft above land-surface datum.

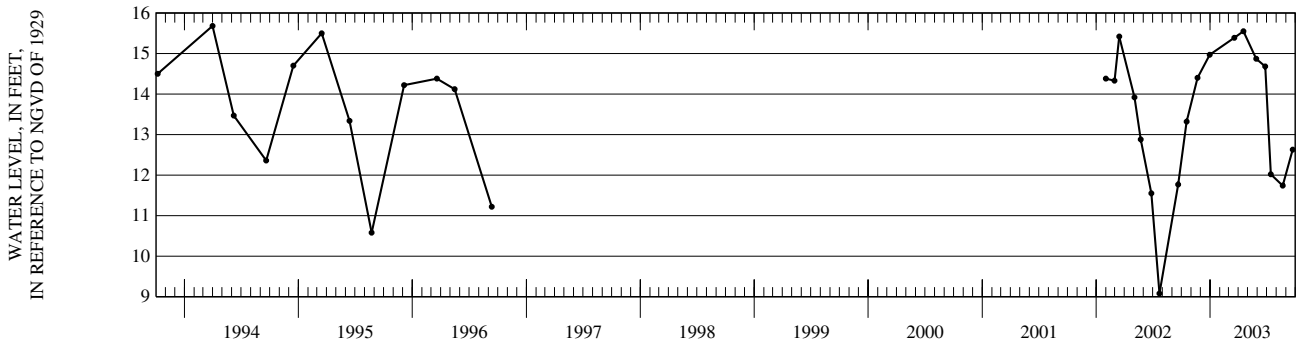
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--October 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.50 ft above sea level, March 26, 1993; lowest measured, 9.08 ft above sea level, July 22, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	13.32	DEC 30	14.97	APR 17	15.55	JUN 26	14.68	AUG 21	11.74		
NOV 21	14.40	MAR 19	15.39	MAY 28	14.87	JUL 14	12.02	SEP 22	12.63		



NASSAU COUNTY—Continued

404609073421602. Local number, N1102.2

LOCATION.--Lat 40°46'09", long 73°42'16", Hydrologic Unit 02030201, at southwest corner of Community Drive and Long Island Expressway westbound service road, Lake Success. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 166 ft, screened 161 to 166 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 184.0 ft above sea level. Measuring point: Top of coupling, 0.32 ft below land-surface datum.

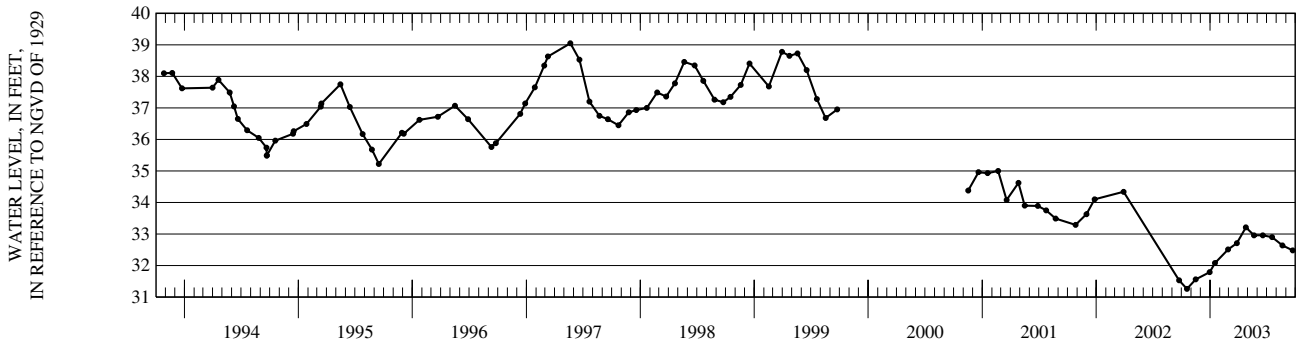
REMARKS.--Replaced well N1102.1 in March 1963 near same location, which has a period of record from October 1937 to March 1963.

PERIOD OF RECORD.--April 1963 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 47.02 ft above sea level, April 24, 1963; lowest measured, 28.90 ft above sea level, January 19, 1983.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 18	31.26	DEC 30	31.79	FEB 27	32.51	APR 25	33.21	JUN 18	32.96	AUG 20	32.64
NOV 15	31.56	JAN 16	32.08	MAR 27	32.71	MAY 21	32.96	JUL 18	32.90	SEP 22	32.48



404040073420102. Local number, N1110.2

LOCATION.--Lat 40°40'40", long 73°42'01", Hydrologic Unit 02030202, at Valley Stream State Park, southeast corner of North Fletcher Avenue and park entrance, 128 ft south of Southern State Parkway, Valley Stream. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 45 ft, screened 35 to 40 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 30.5 ft above sea level. Measuring point: Top of casing, 0.32 ft below land-surface datum.

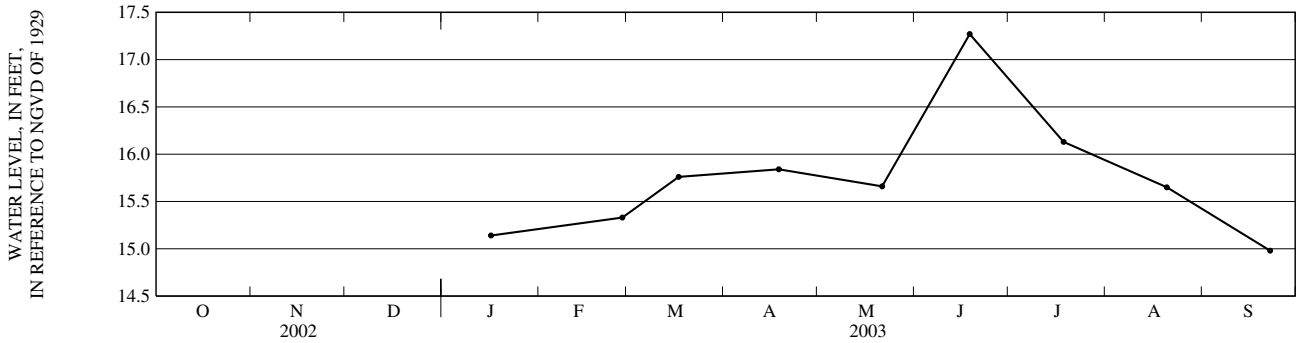
REMARKS.--Replaced well N1110.1 in December 2002 near same location.

PERIOD OF RECORD.--December 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.27 ft above sea level, June 18, 2003; lowest measured, 14.98 ft above sea level, September 22, 2003.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 16	15.14	MAR 17	15.76	MAY 21	15.66	JUL 18	16.13	SEP 22	14.98		
FEB 27	15.33	APR 18	15.84	JUN 18	17.27	AUG 20	15.65				



NASSAU COUNTY—Continued

404835073404004. Local number, N1120.4

LOCATION.--Lat 40°48'35", long 73°40'40", Hydrologic Unit 02030201, at northwest corner of Port Washington Blvd and Bonnie Heights Road, Flower Hill. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 100 ft, screened 95 to 100 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 116.0 ft above sea level. Measuring point: Top of coupling, 0.50 ft above land-surface datum.

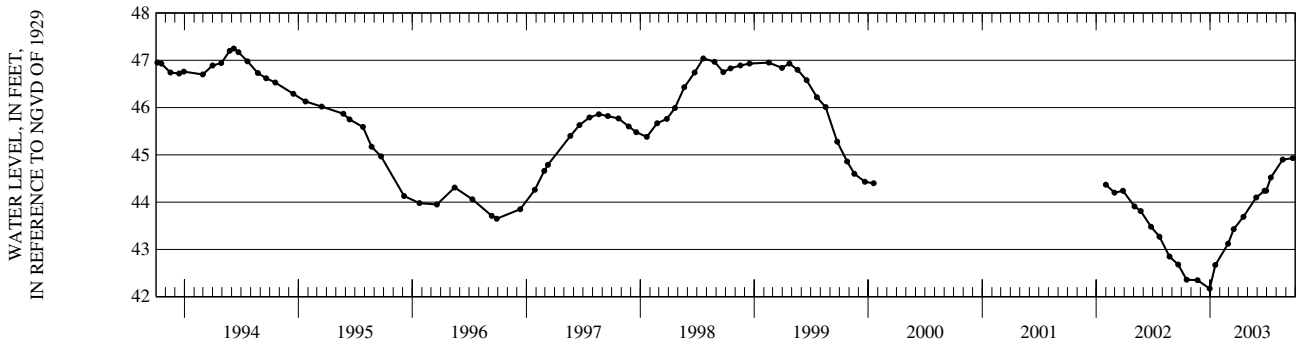
REMARKS.--Replaced well N1120.3 in March 1976 near same location.

PERIOD OF RECORD.--March 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 51.65 ft above sea level, March 16, 1976; lowest measured, 42.17 ft above sea level, December 30, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	42.36	JAN 17	42.67	APR 17	43.69	JUN 29	44.24	SEP 22	44.93		
NOV 21	42.35	FEB 27	43.12	MAY 28	44.10	JUL 14	44.52				
DEC 30	42.17	MAR 17	43.43	JUN 24	44.24	AUG 21	44.90				



404125073394802. Local number, N1129.2

LOCATION.--Lat 40°41'25", long 73°39'48", Hydrologic Unit 02030202, at east side of Euclid Avenue, 30 ft south of Hawthorne Street, West Hempstead. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven steel observation well, diameter 1 $\frac{1}{4}$ in., depth 44 ft, screened 41 to 44 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 51.0 ft above sea level. Measuring point: Top of casing, 0.46 ft below land-surface datum.

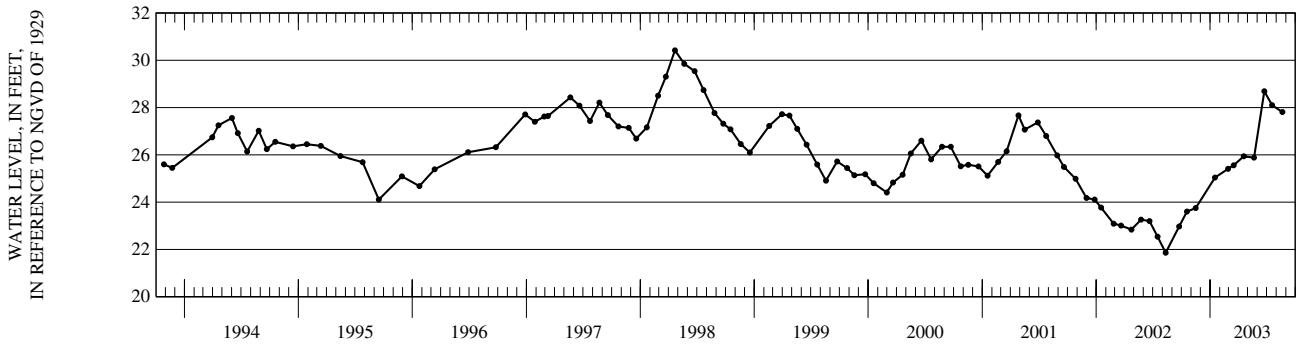
REMARKS.--Replaced well N1129.1 in October 1966 near same location, which has a period of record from August 1937 to October 1966.

PERIOD OF RECORD.--October 1966 to current year. Unpublished records from October 1966 to September 1975 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.42 ft above sea level, April 21, 1998; lowest measured, 21.49 ft above sea level, October 29, 1986.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 18	23.60	JAN 16	25.04	MAR 17	25.56	MAY 21	25.88	JUL 18	28.10		
NOV 15	23.75	FEB 27	25.41	APR 18	25.94	JUN 23	28.69	AUG 20	27.81		



NASSAU COUNTY—Continued

405027073272602. Local number, N1243.5

LOCATION.--Lat 40°50'26", long 73°27'20", Hydrologic Unit 02030201, at south side of Stillwell Road, 98 ft west of Harbor Road, Cold Spring Harbor. Owner: Nassau County Department of Public Works.

AQUIFER.--Magothy (water table).

WELL CHARACTERISTICS.--Driven steel observation well, diameter 1 1/4 in., depth 28 ft, screened 25 to 28 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 64.0 ft above sea level. Measuring point: Top of casing, 0.92 ft below land-surface datum.

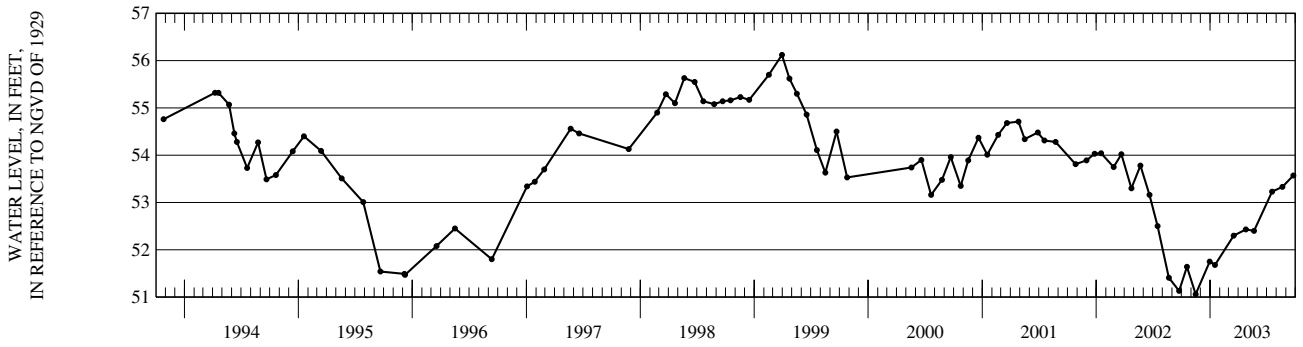
REMARKS.--Replaced well N1243.4 in September 1975 near same location, which has a period of record from November 1939 to September 1975.

PERIOD OF RECORD.--September 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 60.70 ft above sea level, March 21, 1978; lowest measured, 51.06 ft above sea level, November 15, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 18	51.64	DEC 30	51.75	MAR 17	52.30	MAY 21	52.40	AUG 20	53.33		
NOV 15	51.06	JAN 16	51.68	APR 25	52.43	JUL 18	53.23	SEP 24	53.57		



404317073291105. Local number, N1259.5

LOCATION.--Lat 40°43'16", long 73°29'10", Hydrologic Unit 02030202, at south side of Mary Lane, 79 ft east of Hicksville Road (State Route 107), Plainedge. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven steel observation well, diameter 1 1/4 in., depth 41 ft, screened 38 to 41 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 78.0 ft above sea level. Measuring point: Top of casing, 0.08 ft above land-surface datum.

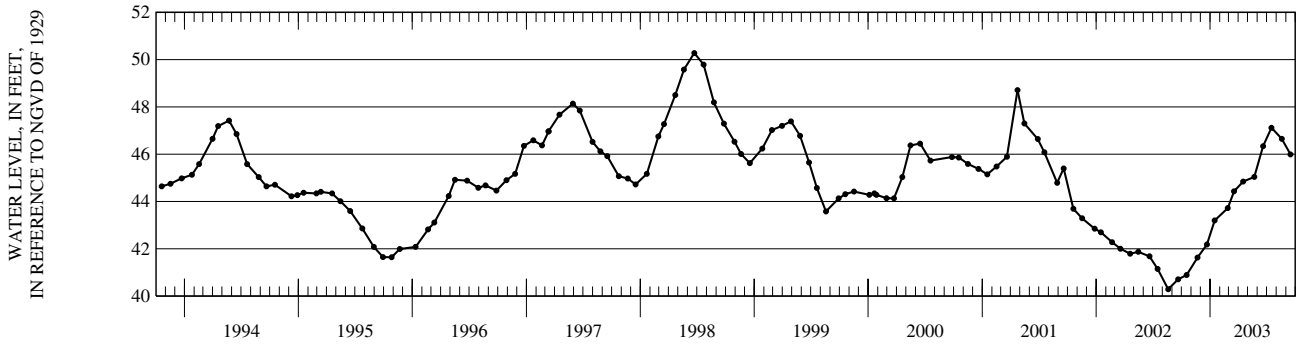
REMARKS.--Replaced well N1259.4 in June 1961 near same location.

PERIOD OF RECORD.--June 1961 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.60 ft above sea level, February 21, 1978; lowest measured, 40.29 ft above sea level, August 19, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	40.89	DEC 21	42.18	FEB 26	43.72	APR 16	44.84	JUN 19	46.34	AUG 18	46.65
NOV 21	41.63	JAN 15	43.20	MAR 18	44.43	MAY 22	45.04	JUL 16	47.12	SEP 15	45.99



NASSAU COUNTY—Continued

404009073380401. Local number, N1438.2

LOCATION.--Lat 40°40'08", long 73°38'05", Hydrologic Unit 02030202, at northwest corner of Princeton Street and Forestdale Road, Rockville Centre. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 1 $\frac{1}{4}$ in., depth 28 ft, screened 25 to 28 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 35.0 ft above sea level. Measuring point: Top of coupling, 0.27 ft above land-surface datum.

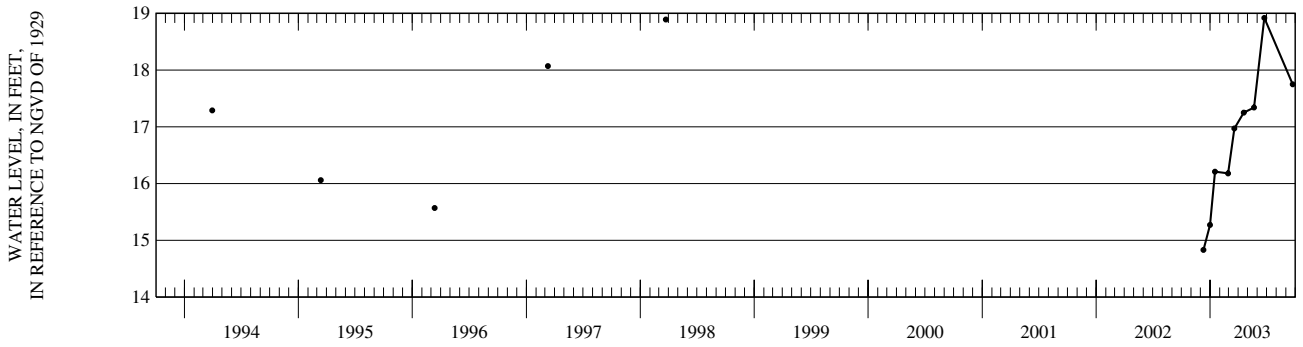
REMARKS.--Replaced well N1438.1 in March 1981 near same location.

PERIOD OF RECORD.--March 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.39 ft above sea level, April 12, 1984; lowest measured, 14.20 ft above sea level, December 15, 1982.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	14.83	JAN 16	16.21	MAR 19	16.97	MAY 21	17.34	SEP 22	17.75		
31	15.27	FEB 27	16.18	APR 18	17.25	JUN 23	18.92				



404454073393001. Local number, N1614.5

LOCATION.--Lat 40°44'54", long 73°39'30", Hydrologic Unit 02030202, at northwest corner of Wilson Street and Herricks Road, North Hempstead. Owner: United States Geological Survey.

AQUIFER.--Upper Glacial (water-table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 75 ft, screened 65 to 70 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 102.0 ft above sea level. Measuring point: Top of casing, 0.22 ft below land-surface datum.

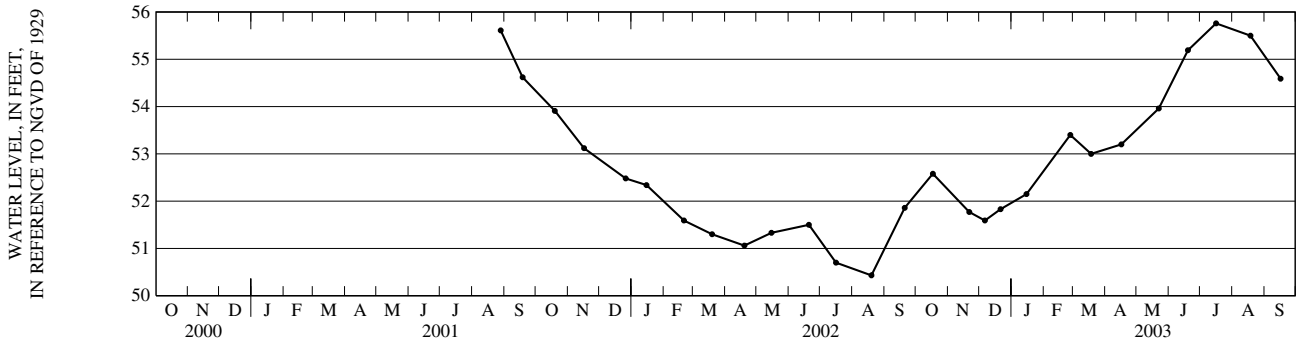
REMARKS.--Replaced well N 1614.4 in July 2001 near same location.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 55.76 ft above sea level, July 16, 2003; lowest measured, 50.43 ft above sea level, August 19, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	52.58	DEC 21	51.83	MAR 18	53.00	JUN 19	55.19	SEP 16	54.59		
NOV 21	51.77	JAN 15	52.15	APR 16	53.20	JUL 16	55.76				
DEC 06	51.59	FEB 26	53.40	MAY 22	53.96	AUG 18	55.50				



NASSAU COUNTY—Continued

404210073340801. Local number, N1615.4

LOCATION.--Lat 40°42'10", long 73°34'08", Hydrologic Unit 02030202, at south side of Van Buren Avenue, 34 ft west of Merrick Avenue, Freeport. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 33 ft, screened 30 to 33 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 61.0 ft above sea level. Measuring point: Top of coupling, 0.27 ft below land-surface datum.

REMARKS.--Replaced well N1615.3 in October 1989 near same location.

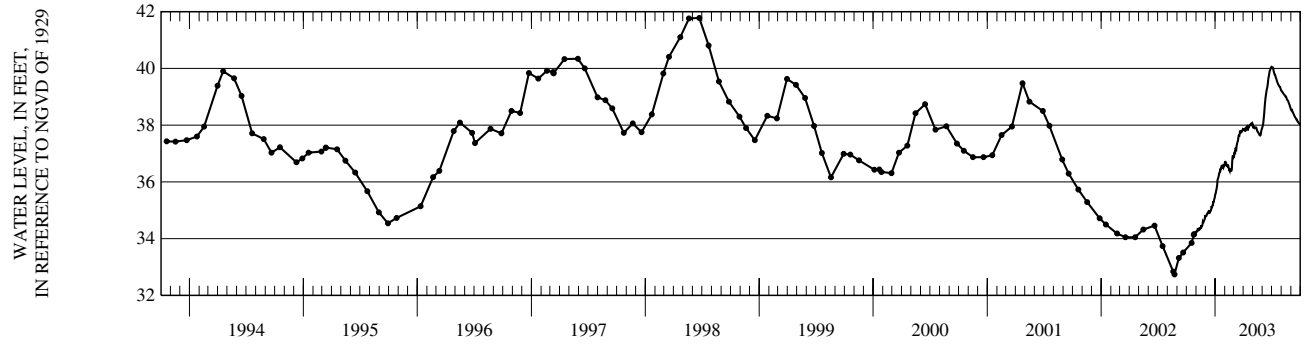
PERIOD OF RECORD.--October 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.45 ft above sea level, June 11, 1990; lowest measured, 32.74 ft above sea level, August 23, 2002

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	34.29	34.87	35.75	36.60	36.98	37.87	37.90	38.23	40.00	39.15	38.48
10	---	34.36	34.94	36.13	36.61	37.26	37.87	37.91	38.87	39.78	39.07	38.36
15	---	34.37	34.95	36.34	36.40	37.50	37.92	37.81	39.26	39.64	39.01	38.26
20	---	34.46	35.15	36.52	36.39	37.70	37.96	37.71	39.65	39.48	38.88	38.18
25	---	34.61	35.32	36.52	36.85	37.77	38.03	37.64	39.93	39.37	38.77	38.09
EOM	34.23	34.83	35.52	36.63	36.87	37.84	37.98	37.90	40.05	39.22	38.56	38.00
MEAN	---	34.45	35.06	36.25	36.58	37.47	37.93	37.82	39.18	39.63	38.94	38.26
MAX	---	34.83	35.52	36.63	36.93	37.85	38.06	37.98	40.05	40.04	39.21	38.53
MIN	---	34.25	34.78	35.57	36.38	36.90	37.80	37.64	37.94	39.22	38.56	38.00

WTR YR 2003 MEAN 37.37 MAX 40.05 MIN 34.14



404554073351502. Local number, N1616.2

LOCATION.--Lat 40°45'54", long 73°35'15", Hydrologic Unit 02030202, at south side of Argyle Road, 40 ft west of Post Avenue, southern intersection, Old Westbury. Owner: Nassau County Department of Public Works.

AQUIFER.--Magothy (water table).

WELL CHARACTERISTICS.--Driven steel observation well, diameter 1 $\frac{1}{4}$ in., depth 68 ft, screened 65 to 68 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 122.5 ft above sea level. Measuring point: Top of casing, 0.42 ft below land-surface datum.

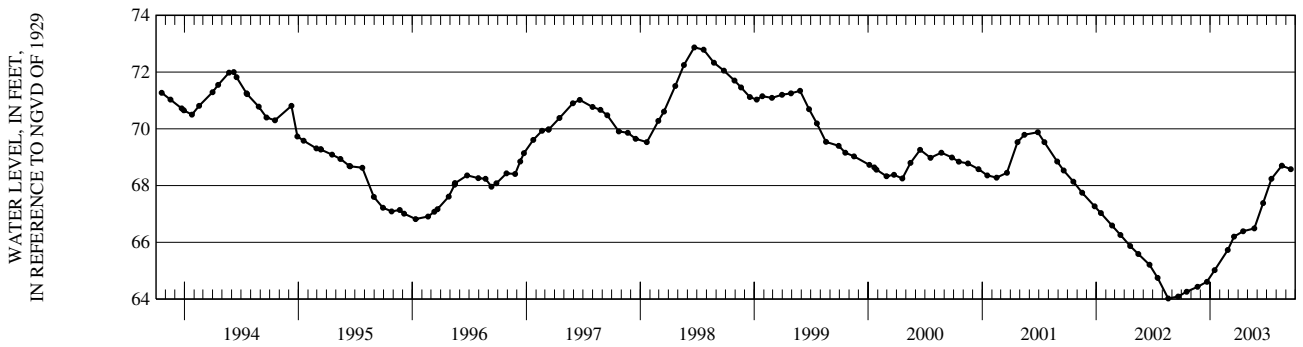
REMARKS.--Replaced well N1616.1 in October 1965 near same location, which has a period of record from March 1913 to October 1965. Well N1616.1 was screened in the upper glacial aquifer.

PERIOD OF RECORD.--October 1965 to current year. Unpublished record from October 1965 to September 1975 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 82.14 ft above sea level, June 20, 1980; lowest measured, 64.02 ft above sea level, August 19, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	64.26	DEC 21	64.61	FEB 26	65.73	APR 16	66.39	JUN 19	67.38	AUG 18	68.70
NOV 21	64.43	JAN 15	65.02	MAR 18	66.20	MAY 22	66.49	JUL 16	68.24	SEP 16	68.58



404619073270601. Local number, N3355.2

LOCATION.--Lat 40°46'18", long 73°27'04", Hydrologic Unit 02030202, at former site of Nassau County Sanitarium, 336 ft west of Round Swamp Road, south of Locust Road, in wooden recorder shelter, Plainview. Owner: United States Geological Survey.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in. to 8 in., depth 1,093 ft, screened 1,070 to 1,090 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

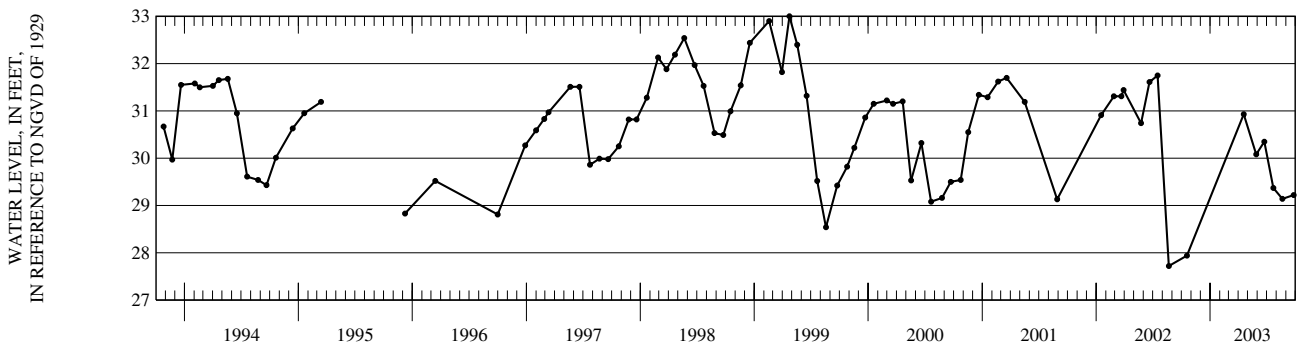
DATUM.--Land-surface datum is 183.0 ft above sea level. Measuring point: Top of casing, 0.28 ft below land-surface datum.

PERIOD OF RECORD.--January 1956 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.17 ft above sea level, April 10, 1957; lowest measured, 23.18 ft above sea level, April 11, 1972.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 18	27.94	MAY 28	30.08	JUL 22	29.37	SEP 25	29.22				
APR 18	30.93	JUN 23	30.35	AUG 20	29.14						



NASSAU COUNTY—Continued

403751073440201. Local number, N3861.1

LOCATION.--Lat 40°37'51", long 73°44'01", Hydrologic Unit 02030202, at Cedarhurst Water Pollution Control Plant, 28 ft east of Arlington Place, north of Peninsula Boulevard, Cedarhurst. Owner: United States Geological Survey.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 530 ft, screened 519 to 530 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 7.0 ft above sea level. Measuring point: Top of casing, 2.37 ft above land-surface datum.

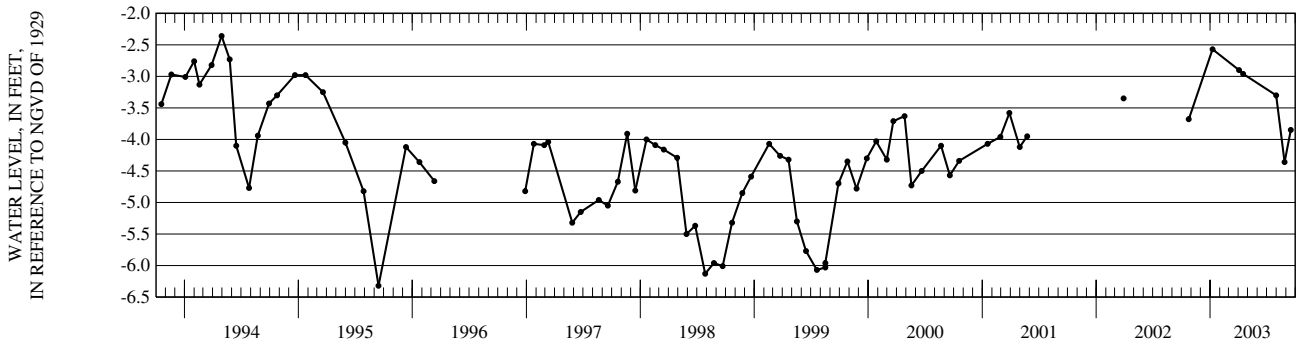
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--April 1952 to current year. Unpublished records from April 1952 to September 1975 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.09 ft below sea level, March 20, 1991; lowest measured, 7.57 ft below sea level, August 7, 1955.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	-3.68	APR 03	-2.90	JUL 31	-3.30	SEP 16	-3.85				
JAN 08	-2.57	16	-2.96	AUG 27	-4.36						



403911073432701. Local number, N3867.2

LOCATION.--Lat 40°39'12", long 73°43'20", Hydrologic Unit 02030202, at Brook Road Park, 35 ft south of Brook Road, 41 ft east of stream, easternmost well, Green Acres. Owner: United States Geological Survey.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 517 ft, screened 505 to 517 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 7.7 ft above sea level. Measuring point: Top of casing, 1.54 ft above land-surface datum.

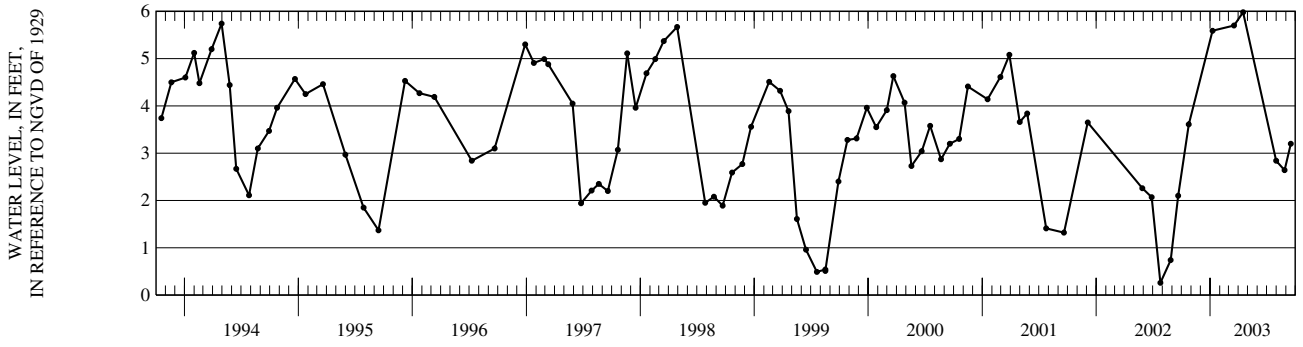
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--January 1953 to current year. Unpublished records from January 1953 to September 1975 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.99 ft above sea level, January 28, 1953; lowest measured, 2.61 ft below sea level, July 19, 1977.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	3.61	MAR 18	5.70	JUL 31	2.84	SEP 16	3.20				
JAN 08	5.59	APR 16	5.98	AUG 27	2.64						



NASSAU COUNTY—Continued

403751073440202. Local number, N3932.1

LOCATION.--Lat 40°37'51", long 73°44'01", Hydrologic Unit 02030202, at Cedarhurst Water Pollution Control Plant, 37 ft east of Arlington Place, north of Peninsula Boulevard, Cedarhurst. Owner: Nassau County Department of Public Works.

AQUIFER.--Jameco (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 178 ft, screened 172 to 176 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 7.0 ft above sea level. Measuring point: Top of steel extender, 3.24 ft above land-surface datum.

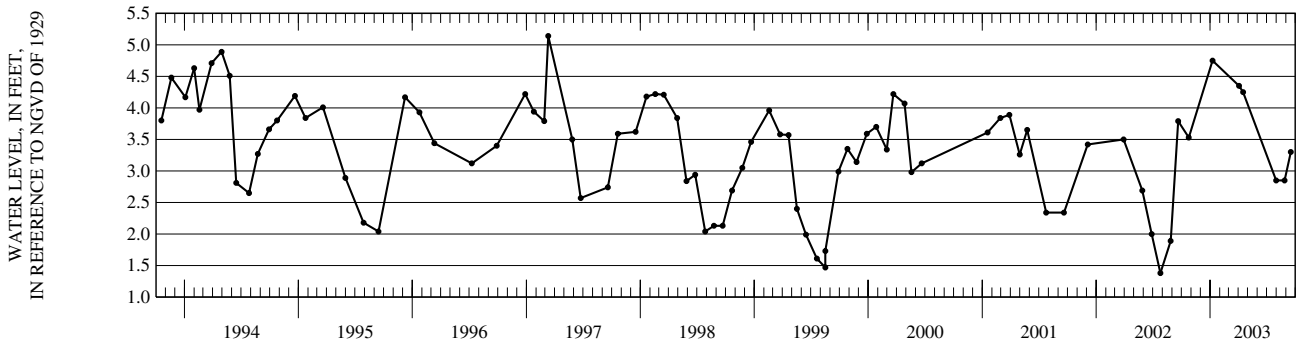
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--June 1952 to current year. Unpublished records from June 1952 to September 1987 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.13 ft above sea level, November 10, 1975; lowest measured, 0.30 ft above sea level, September 20, 1977.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	3.53	APR 03	4.35	JUL 31	2.85	SEP 16	3.30				
JAN 08	4.75	16	4.25	AUG 27	2.85						



403911073432001. Local number, N4213.1

LOCATION.--Lat 40°39'12", long 73°43'20", Hydrologic Unit 02030202, at Brook Road Park, 34 ft south of Brook Road, 32 ft east of stream, westernmost well, Green Acres. Owner: Nassau County Department of Public Works.

AQUIFER.--Jameco (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 134 ft, screened 130 to 134 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 5.0 ft above sea level. Measuring point: Top of casing, 3.42 ft above land-surface datum.

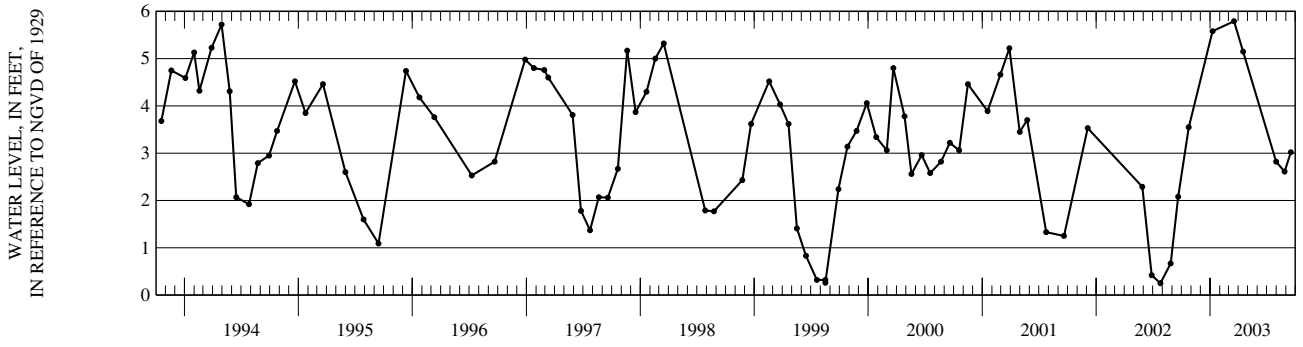
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--February 1968 to current year. Unpublished records from February 1968 to September 1987 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.33 ft above sea level, June 30, 1975; lowest measured, 2.40 ft below sea level, March 22, 1972.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	3.55	MAR 18	5.79	JUL 31	2.82	SEP 16	3.02				
JAN 08	5.58	APR 16	5.15	AUG 27	2.61						



NASSAU COUNTY—Continued

405125073420702. Local number, N6282.2

LOCATION.--Lat 40°51'25", long 73°42'07", Hydrologic Unit 02030201, at Helen Keller National Center for Deaf-Blind Youths and Adults, 300 ft north of Middle Neck Road, westernmost well, Sands Point. Owner: United States Geological Survey.

AQUIFER.--Port Washington (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 396 ft, screened 378 to 388 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 100.9 ft above sea level. Measuring point: Top of 6-in casing, 1.32 ft above land-surface datum.

REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

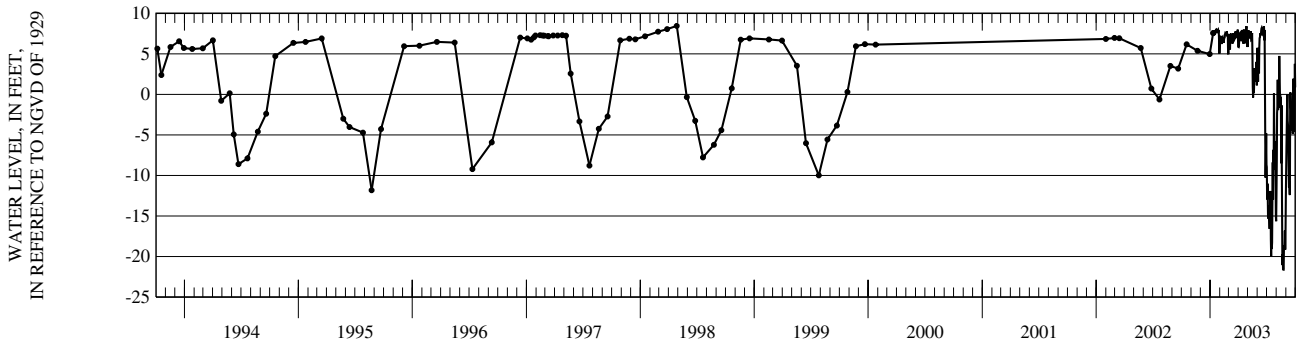
PERIOD OF RECORD.--August 1957 to current year. Unpublished records from August 1957 to September 1975 are available in the files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.49 ft above sea level, May 31 and June 1, 1983; lowest measured, 28.36 ft below sea level, February 17, 1982.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	6.51	5.55	7.51	7.35	4.48	-15.30	1.80	0.04
10	---	---	---	---	6.58	6.58	6.56	7.55	7.53	-16.59	4.74	-11.47
15	---	---	---	7.52	6.96	7.23	7.94	7.57	8.24	-20.05	-0.30	0.24
20	---	---	---	8.02	7.50	6.87	8.00	0.15	7.44	-8.38	-21.06	-2.69
25	---	---	---	7.93	7.31	7.38	7.80	2.62	1.29	-4.58	-18.59	-3.09
EOM	---	---	---	5.91	4.95	6.23	5.84	4.24	-8.68	-15.64	-12.68	0.87
MEAN	---	---	---	7.49	6.90	7.05	7.25	4.73	4.09	-12.31	-9.20	-3.94
MAX	---	---	---	8.02	7.79	7.99	8.41	7.89	8.39	0.11	4.74	3.77
MIN	---	---	---	5.02	4.95	5.55	5.83	-0.38	-10.27	-20.05	-21.62	-12.42

WTR YR 2003 MEAN 1.03 MAX 8.41 MIN -21.62



NASSAU COUNTY—Continued

405125073420705. Local number, N6342.1

LOCATION.--Lat 40°51'25", long 73°42'07", Hydrologic Unit 02030201, at Helen Keller National Center for Deaf-Blind Youths and Adults, 300 ft north of Middle Neck Road, easternmost well, Sands Point. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 1 $^1/_4$ in., depth 185 ft, screened 183 to 185 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 97.0 ft above sea level. Measuring point: Top of casing, 3.99 ft above land-surface datum.

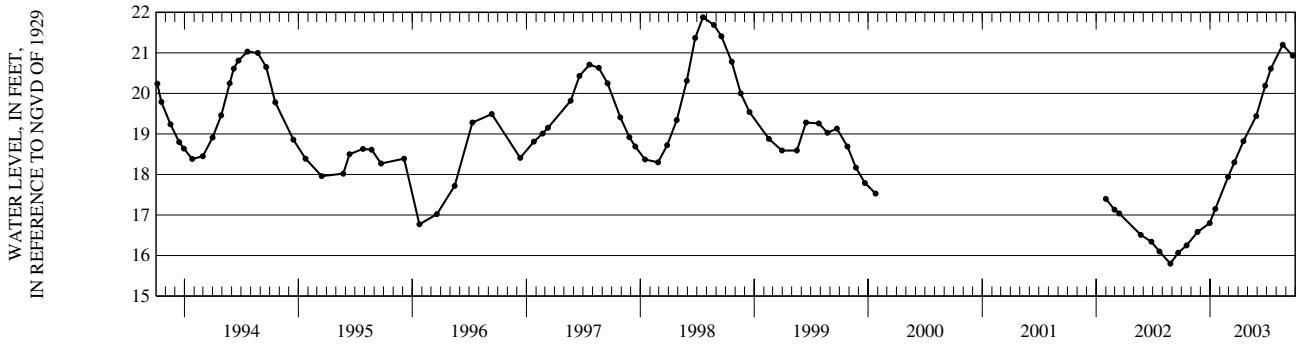
REMARKS.--Water level affected by tidal fluctuation.

PERIOD OF RECORD.--August 1957 to current year. Unpublished records from August 1957 to September 1987 are available in the files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.99 ft above sea level, September 14, 1984; lowest measured, 14.06 ft above sea level, February 28, 1967.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	16.25	DEC 30	16.80	FEB 27	17.94	APR 17	18.82	JUN 26	20.19	AUG 21	21.20
NOV 21	16.58	JAN 17	17.15	MAR 19	18.30	MAY 28	19.44	JUL 14	20.61	SEP 22	20.93



403517073430610. Local number, N6701.2

LOCATION.--Lat 40°35'17", long 73°43'06", Hydrologic Unit 02030202, at pumping center, 0.1 mi west of end of Park Street, 300 ft north of Beech Street, in easternmost recorder shelter, Atlantic Beach. Owner: United States Geological Survey.

AQUIFER.--Raritan (Confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 837 ft, screened 822 to 832 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 11.0 ft above sea level. Measuring point: Top of coupling, 1.06 ft above land-surface datum.

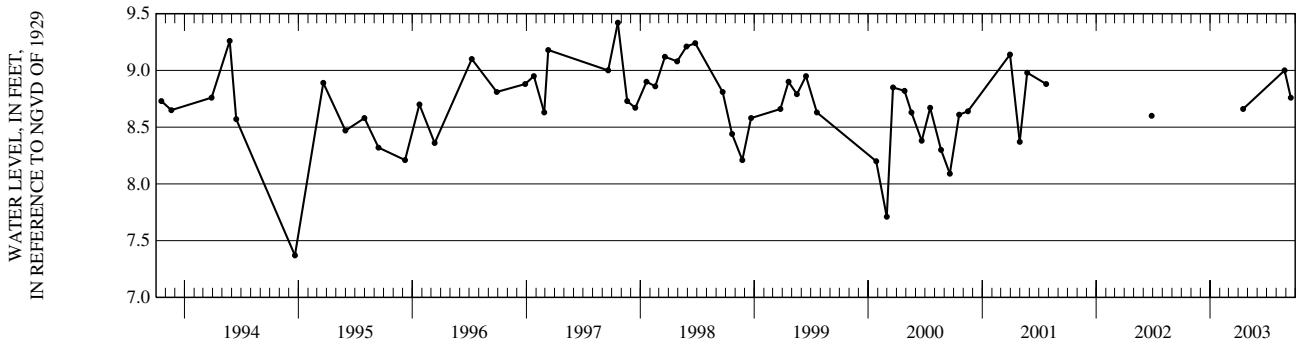
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--August 1959 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.42 ft above sea level, September 20, 1997; lowest measured, 2.57 ft below sea level, October 30, 1968.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 16	8.66	AUG 27	9.00	SEP 16	8.76



NASSAU COUNTY—Continued

403517073430702. Local number, N6702.1

LOCATION.--Lat 40°35'17", long 73°43'06", Hydrologic Unit 02030202, at pumping center, 0.1 mi west of end of Park Street, 300 ft north of Beech Street, in easternmost recorder shelter, Atlantic Beach. Owner: United States Geological Survey.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 677 ft, screened 666 to 677 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 11.0 ft above sea level. Measuring point: Top of coupling, 1.04 ft above land-surface datum.

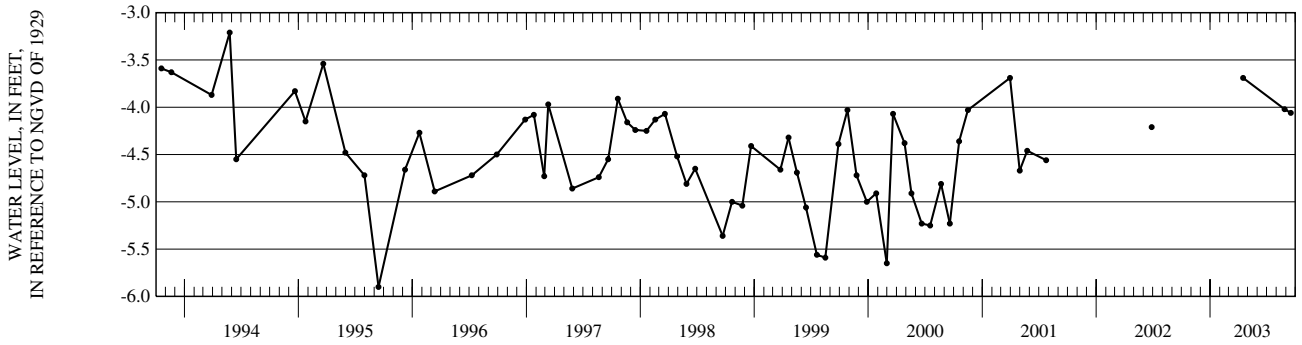
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--September 1959 to current year. Unpublished records from September 1959 to September 1975 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.50 ft below sea level, April 13, 1961; lowest measured, 6.58 ft below sea level, November 30, 1972.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 16	-3.69	AUG 27	-4.02	SEP 16	-4.06



403517073430705. Local number, N6705.1

LOCATION.--Lat 40°35'17", long 73°43'06", Hydrologic Unit 02030202, at pumping center, 0.1 mi west of end of Park Street, 300 ft north of Beech Street, in westernmost recorder shelter, Atlantic Beach. Owner: United States Geological Survey.

AQUIFER.--Jameco (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 157 ft, screened 147 to 157 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 10.0 ft above sea level. Measuring point: Top of coupling, 2.45 ft above land-surface datum.

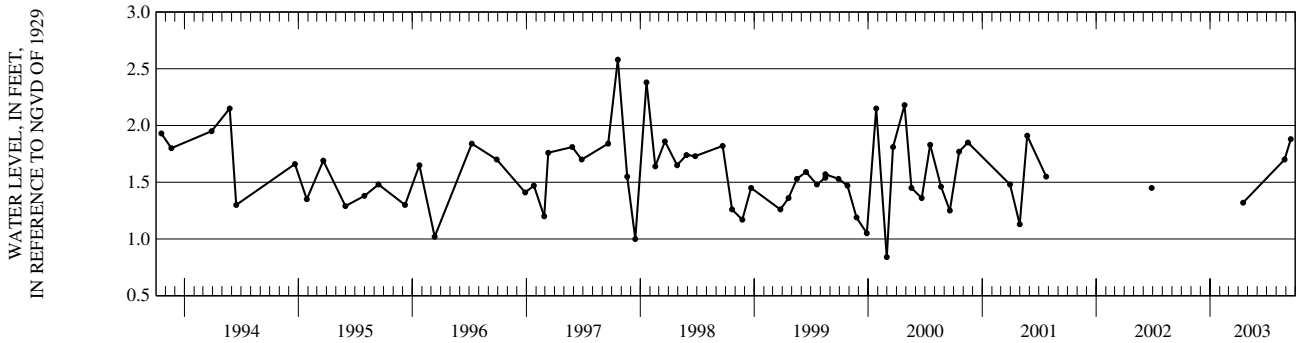
REMARKS.--Water level affected by tidal fluctuation.

PERIOD OF RECORD.--February 1968 to current year. Unpublished records from February 1968 to September 1968 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.12 ft above sea level, March 3, 1969; lowest measured, 2.77 ft below sea level, April 5, 1973.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 16	1.32	AUG 27	1.70	SEP 16	1.88



NASSAU COUNTY—Continued

404237073433701. Local number, N7493.1

LOCATION.--Lat 40°42'36", long 73°43'35", Hydrologic Unit 02030202, at west side of Cross Island Parkway exit ramp (Hempstead Turnpike eastbound), 21 ft south of Hempstead Turnpike, Elmont. Owner: United States Geological Survey.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 353 ft, screened 349 to 353 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 75.0 ft above sea level. Measuring point: Top of casing, 1.02 ft above land-surface datum.

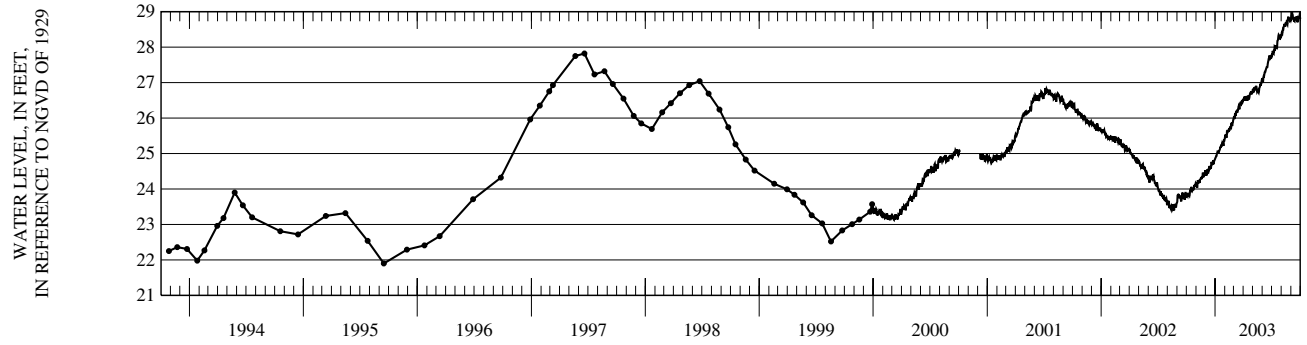
PERIOD OF RECORD.--April 1964 to current year. Unpublished records from April 1964 to September 1975 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.04 ft above sea level, September 4, 2003; lowest measured, 3.52 ft above sea level, August 8, 1982.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	23.89	24.17	24.49	24.94	25.46	26.11	26.61	26.75	27.18	27.86	28.48	28.91
10	23.80	24.24	24.56	25.05	25.64	26.14	26.52	26.85	27.30	28.02	28.66	28.79
15	23.97	24.29	24.59	25.11	25.65	26.26	26.54	26.75	27.45	28.02	28.70	28.81
20	23.97	24.33	24.77	25.23	25.77	26.31	26.57	26.72	27.62	28.19	28.64	28.80
25	24.04	24.35	24.81	25.27	25.85	26.41	26.72	26.93	27.71	28.29	28.78	28.80
EOM	24.14	24.53	24.84	25.42	25.97	26.51	26.72	27.02	27.77	28.30	28.76	28.79
MEAN	23.96	24.29	24.62	25.14	25.68	26.27	26.60	26.85	27.45	28.07	28.65	28.82
MAX	24.16	24.53	24.84	25.42	25.97	26.52	26.76	27.03	27.77	28.35	28.86	28.98
MIN	23.80	24.04	24.38	24.87	25.44	25.97	26.49	26.72	27.04	27.77	28.34	28.70

WTR YR 2003 MEAN 26.37 MAX 28.98 MIN 23.80



NASSAU COUNTY—Continued

404535073370002. Local number, N8269.2

LOCATION.--Lat 40°45'35", long 73°37'00", Hydrologic Unit 02030202, at east side of Bacon Road, 106 ft north of Hillside Avenue, south of school entrance, Old Westbury. Owner: Nassau County Department of Public Works.

AQUIFER.--Magothy (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 86 ft, screened 81 to 86 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 111.7 ft above sea level. Measuring point: Top of coupling, 0.15 ft below land-surface datum.

REMARKS.--Prior to April 1967, well at site (N 1258.1) was screened in the upper glacial aquifer. Well N1258.1 was replaced by well N8269.1 in April 1967, which was replaced by well N8269.2 in June 1976 near same location.

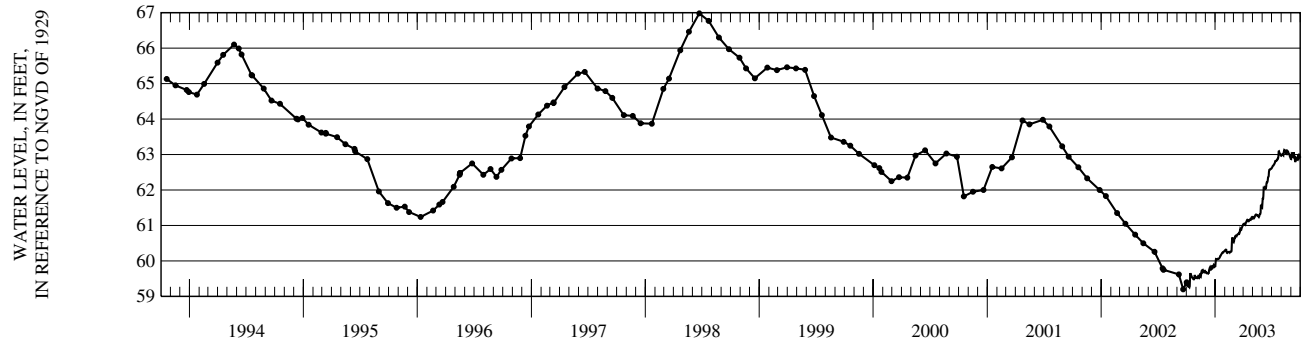
PERIOD OF RECORD.--June 1976 to current year. Unpublished records from June 1936 to September 1975 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 74.18 ft above sea level, May 21, 1980; lowest measured, 59.25 ft above sea level, October 11 and 12, 2002.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	59.31	59.51	59.67	60.05	60.31	60.65	61.05	61.20	62.06	62.69	63.01	62.98
10	59.26	59.54	59.66	60.05	60.25	60.70	61.10	61.30	62.03	62.75	63.13	62.98
15	59.57	59.61	59.82	60.09	60.25	60.76	61.16	61.28	62.22	62.83	63.04	62.82
20	59.52	59.70	59.78	60.18	60.26	60.80	61.14	61.27	62.37	62.89	63.10	62.88
25	59.48	59.69	59.82	60.24	60.62	60.88	61.17	61.32	62.58	63.06	63.02	63.00
EOM	59.52	59.71	59.85	60.29	60.54	61.03	61.20	61.51	62.61	62.97	62.87	62.91
MEAN	59.46	59.62	59.76	60.13	60.33	60.79	61.13	61.31	62.23	62.85	63.03	62.93
MAX	59.66	59.73	59.89	60.29	60.66	61.03	61.23	61.57	62.61	63.09	63.13	63.06
MIN	59.26	59.51	59.64	59.85	60.22	60.53	61.02	61.20	61.64	62.62	62.87	62.79

WTR YR 2003 MEAN 61.13 MAX 63.13 MIN 59.26



NASSAU COUNTY—Continued

404742073410301. Local number, N8309.1

LOCATION.--Lat 40°47'42", long 73°41'03", Hydrologic Unit 02030201, at east side of Manhasset Woods Road, 73 ft north of Northern Boulevard, Munsey Park. Owner: Nassau County Department of Public Works.

AQUIFER.--Magothy (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 199 ft, screened 194 to 199 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 143.2 ft above sea level. Measuring point: Top of coupling, 0.15 ft below land-surface datum.

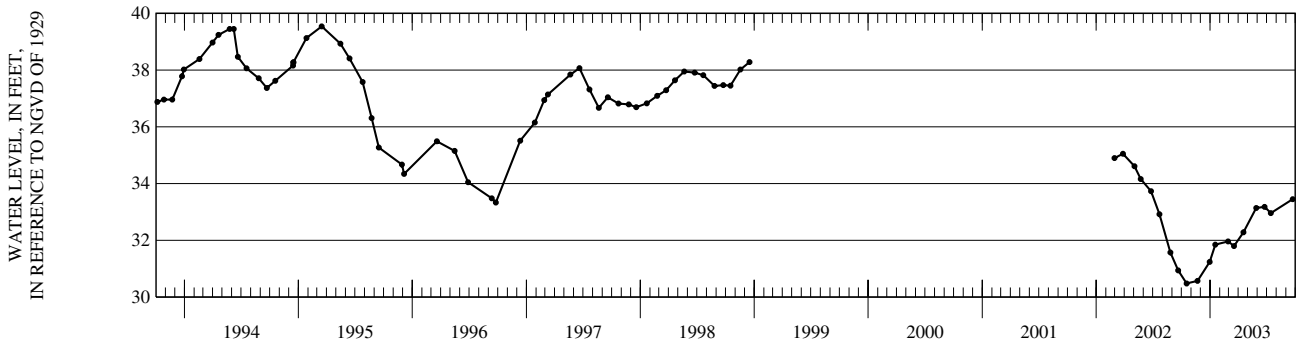
REMARKS.--Replaced well N1121.2 in March 1967 near same location.

PERIOD OF RECORD.--March 1967 to current year. Unpublished records from March 1940 to March 1967 are available in the files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.81 ft above sea level, June 20, 1980; lowest measured, 30.48 ft above sea level, October 17, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	30.48	DEC 30	31.24	FEB 27	31.96	APR 17	32.28	JUN 24	33.18	SEP 22	33.45
NOV 21	30.57	JAN 17	31.85	MAR 18	31.80	MAY 28	33.14	JUL 14	32.96		



404154073374003. Local number, N9648.1

LOCATION.--Lat 40°41'54", long 73°37'40", Hydrologic Unit 02030202, at northeastern corner of Graham Avenue and Rose Avenue, Hempstead. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 53 ft, screened 46 to 51 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 53.0 ft above sea level. Measuring point: Top of coupling, 0.16 ft below land-surface datum.

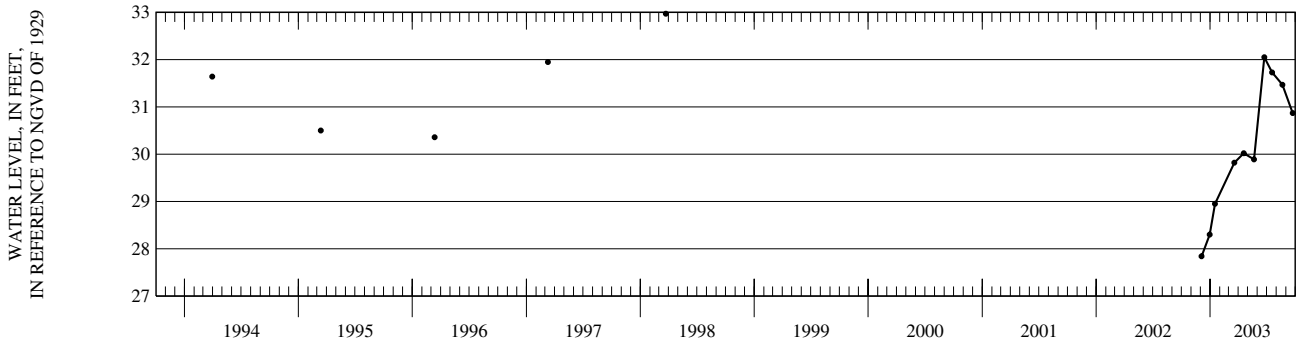
REMARKS.--Replaced well N1143.2 in April 1979 near same location.

PERIOD OF RECORD.--April 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 34.20 ft above sea level, April 18, 1979; lowest measured, 27.84 ft above sea level, December 4, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 04	27.84	JAN 16	28.95	APR 18	30.02	JUN 23	32.05	AUG 20	31.47		
30	28.30	MAR 19	29.82	MAY 21	29.89	JUL 18	31.73	SEP 22	30.87		



NASSAU COUNTY—Continued

404103073372701. Local number, N9649.1

LOCATION.--Lat 40°41'03", long 73°37'27", Hydrologic Unit 02030202, at southeast corner of Maple Avenue and Locust Street, Rockville Centre. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 50 ft, screened 45 to 50 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 47.0 ft above sea level. Measuring point: Top of coupling, 0.27 ft below land-surface datum.

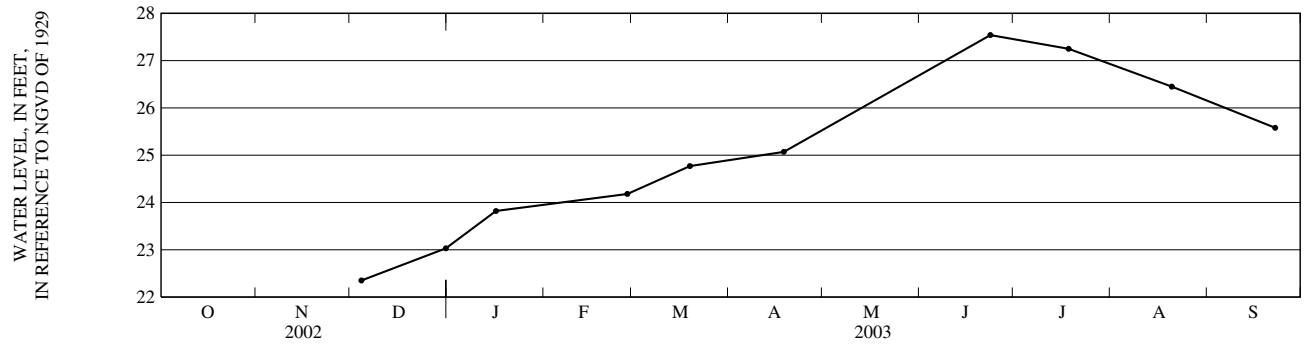
REMARKS.--Replaced well N1144.3 in March 1979 near same location.

PERIOD OF RECORD.--March 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.94 ft above sea level, June 4, 1979; lowest measured, 21.31 ft above sea level, September 3, 1981.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 04	22.35	JAN 16	23.82	MAR 19	24.77	JUN 23	27.54	AUG 20	26.45		
31	23.03	FEB 27	24.18	APR 18	25.07	JUL 18	27.25	SEP 22	25.58		



404232073432501. Local number, N9979.1

LOCATION.--Lat 40°42'32", long 73°43'25", Hydrologic Unit 02030202, at west side of Wellington Road, 279 ft south of Hempstead Turnpike, Elmont. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 95 ft, screened 87 to 92 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 71.0 ft above sea level. Measuring point: Top of coupling, 0.36 ft below land-surface datum.

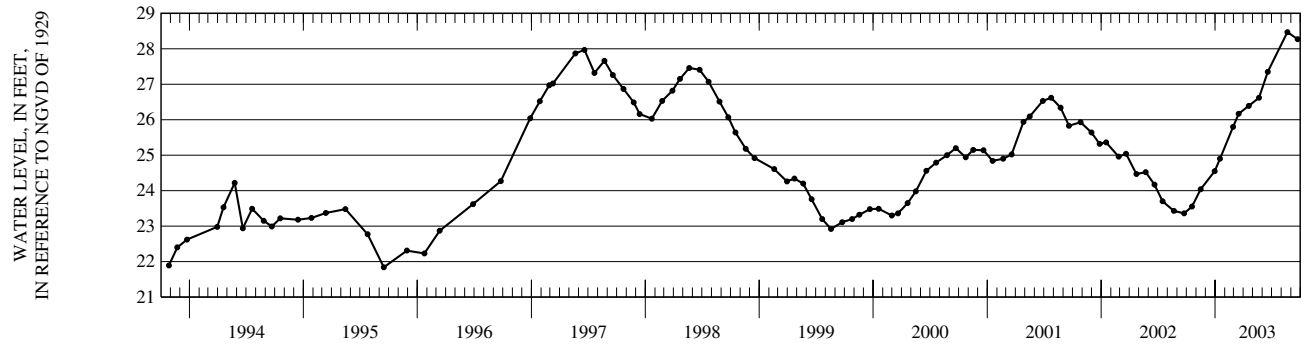
REMARKS.--Replaced well N1622.4 in June 1982 near same location.

PERIOD OF RECORD.--December 1982 to current year. Unpublished records from December 1982 to September 1987 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.47 ft above sea level, August 20, 2003; lowest measured, 5.39 ft above sea level, April 8, 1983.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 18	23.55	DEC 30	24.55	FEB 27	25.80	APR 18	26.39	JUN 18	27.35	SEP 22	28.27
NOV 15	24.04	JAN 16	24.90	MAR 17	26.17	MAY 21	26.62	AUG 20	28.47		



NASSAU COUNTY—Continued

404108073385501. Local number, N10002.1

LOCATION.--Lat 40°41'08", long 73°38'55", Hydrologic Unit 02030202, at southeast corner of Eagle Avenue and Jennings Avenue, Lakeview. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 47.6 ft, screened 42.6 to 47.6 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

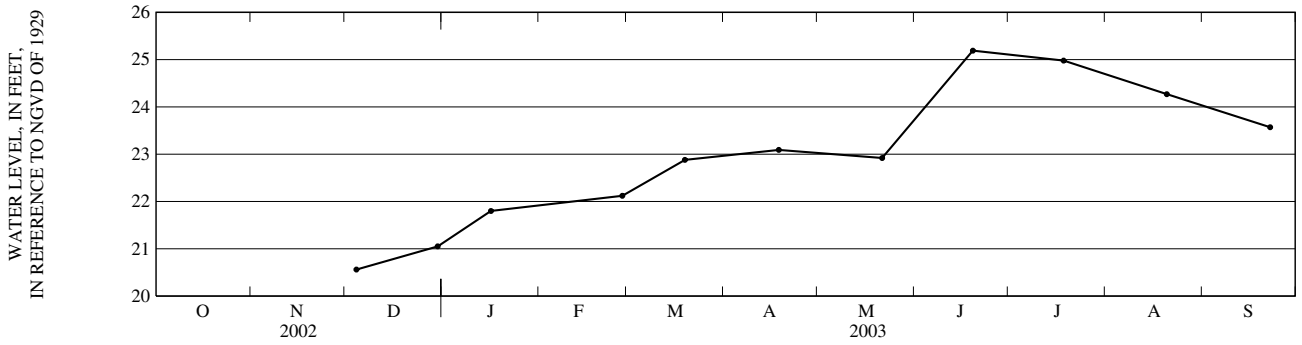
DATUM.--Land-surface datum is 46.0 ft above sea level. Measuring point: Top of coupling, 0.10 ft below land-surface datum.

PERIOD OF RECORD.--March 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.23 ft above sea level, March 26, 1990; lowest measured, 20.56 ft above sea level, December 4, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 04	20.56	JAN 16	21.80	MAR 19	22.88	MAY 21	22.92	JUL 18	24.98	SEP 22	23.57
30	21.05	FEB 27	22.12	APR 18	23.09	JUN 19	25.19	AUG 20	24.27		



404338073371502. Local number, N10035.1

LOCATION.--Lat 40°43'38", long 73°37'15", Hydrologic Unit 02030202, at north side of Commercial Avenue, 60 ft east of Clinton Avenue, Garden City. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 56 ft, screened 48 to 53 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 77.6 ft above sea level. Measuring point: Top of coupling, 0.38 ft below land-surface datum.

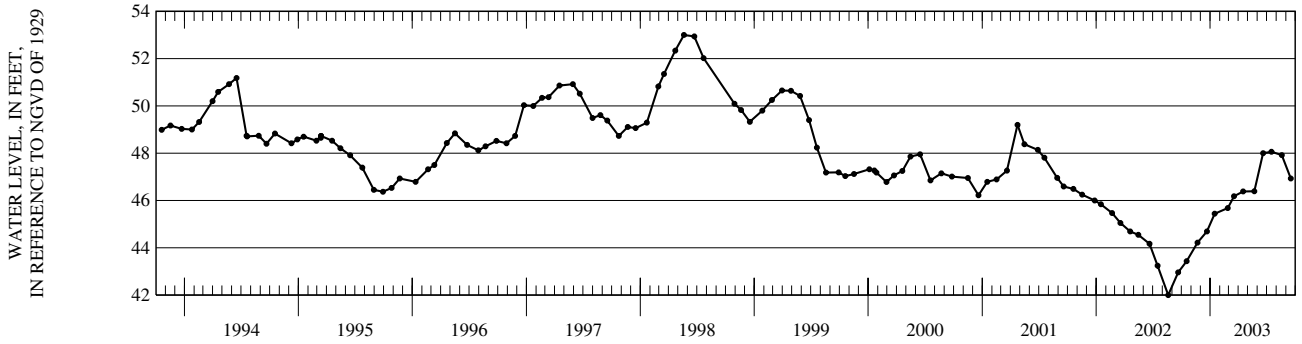
REMARKS.--Replaced well N1255.2 in October 1982 near same location.

PERIOD OF RECORD.--October 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.04 ft above sea level, August 8, 1984; lowest measured, 42.00 ft above sea level, August 19, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	43.43	DEC 21	44.69	FEB 26	45.68	APR 16	46.38	JUN 19	48.00	AUG 18	47.92
NOV 21	44.22	JAN 15	45.44	MAR 18	46.18	MAY 22	46.39	JUL 16	48.06	SEP 16	46.93



NASSAU COUNTY—Continued

405009073293501. Local number, N11394.1

LOCATION.--Lat 40°50'09", long 73°29'35", Hydrologic Unit 02030201, at south side of Foxhunt Crescent South Road, east of Fox Court, in recharge basin #531, Oyster Bay Cove. Owner: Nassau County Department of Public Works.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 685 ft, screened 660 to 680 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

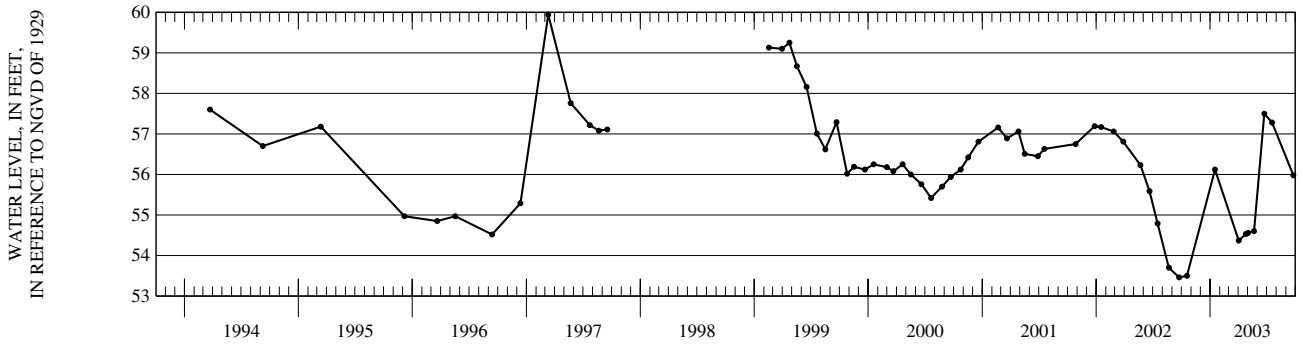
DATUM.--Land-surface datum is 212.0 ft above sea level. Measuring point: Top of coupling, 0.48 ft below land-surface datum.

PERIOD OF RECORD.--August 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 63.12 ft above sea level, March 11, 1991; lowest measured, 53.46 ft above sea level, September 23, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 18	53.50	APR 02	54.37	MAY 02	54.56	JUN 23	57.50	SEP 24	55.98		
JAN 16	56.12	25	54.53	21	54.60	JUL 18	57.28				



404853073421101. Local number, N12134.1

LOCATION.--Lat 40°48'53", long 73°42'11", Hydrologic Unit 02030201, at northside of Rock Hollow Road, eastside of Plandome Road, outside of entrance to Leeds Pond Preserve, Plandome Manor. Owner: Nassau County Department of Public Works.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 380 ft, screened 345 to 365 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 10.0 ft above sea level. Measuring point: Top of casing, 0.69 ft below land-surface datum.

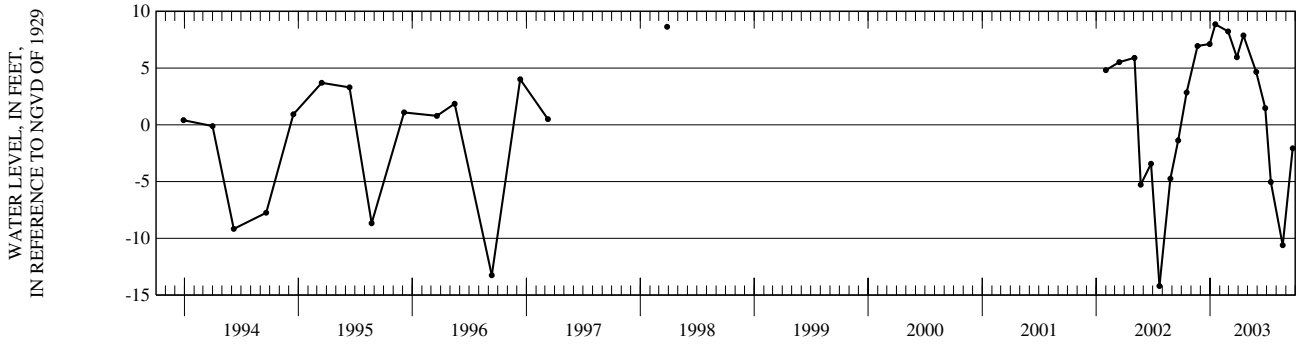
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--December 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.86 ft above sea level, January 17, 2003; lowest measured, 14.20 ft below sea level, July 22, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	2.84	DEC 30	7.12	FEB 27	8.23	APR 17	7.88	JUN 26	1.48	AUG 21	-10.61
NOV 21	6.95	JAN 17	8.86	MAR 27	5.96	MAY 28	4.66	JUL 14	-5.04	SEP 22	-2.07



NASSAU COUNTY—Continued

404303073295501. Local number, N12250.1

LOCATION.--Lat 40°43'03", long 73°29'55", Hydrologic Unit 02030202, at east side of Emerald Lane, 87 ft south of Miller Place, Levittown. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 49 ft, screen assumed at bottom.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

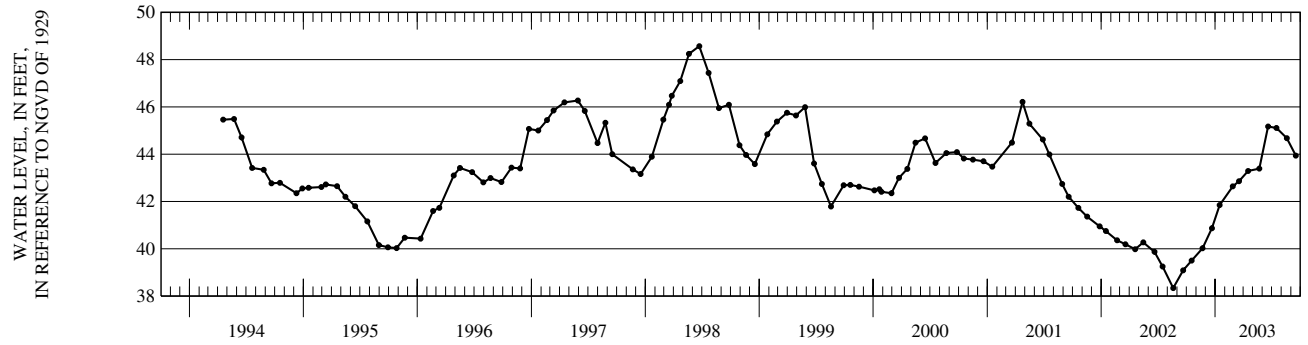
DATUM.--Land-surface datum is 71.0 ft above sea level. Measuring point: Top of coupling, 0.66 ft below land-surface datum.

PERIOD OF RECORD.--April 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.57 ft above sea level, June 22, 1998; lowest measured, 38.34 ft above sea level, August 19, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	39.50	DEC 21	40.87	FEB 26	42.64	APR 16	43.29	JUN 19	45.17	AUG 18	44.68
NOV 21	40.02	JAN 15	41.85	MAR 18	42.86	MAY 22	43.39	JUL 16	45.11	SEP 16	43.94



404925073405401. Local number, N12321.1

LOCATION.--Lat 40°49'25", long 73°40'54", Hydrologic Unit 02030201, at southside of Revere Drive, Port Washington. Owner: Nassau County Department of Public Works.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 577 ft, screened 557 to 577 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 154.0 ft above sea level. Measuring point: Top of casing, 0.46 ft below land-surface datum.

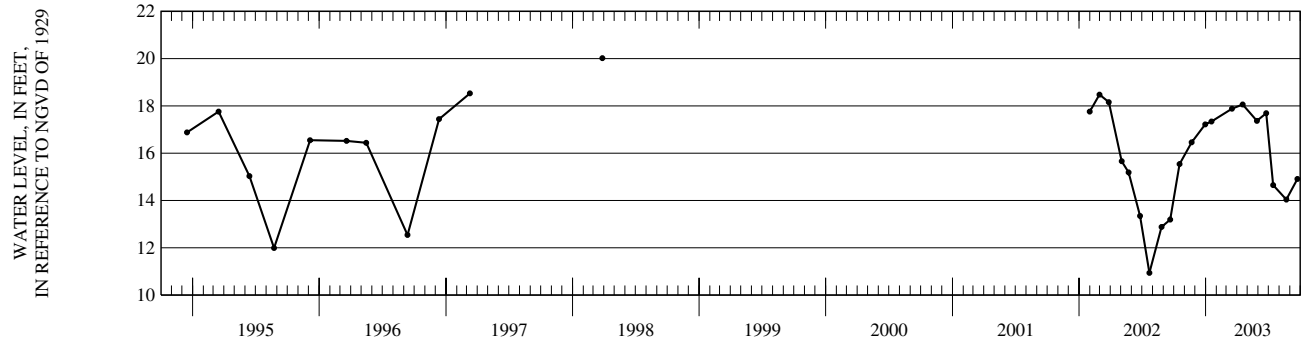
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--March 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.02 ft above sea level, March 27, 1998; lowest measured, 10.94 ft below sea level, July 22, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	15.54	DEC 30	17.22	MAR 17	17.88	MAY 28	17.37	JUL 14	14.65	SEP 22	14.91
NOV 21	16.46	JAN 17	17.34	APR 17	18.06	JUN 24	17.69	AUG 21	14.04		



NASSAU COUNTY—Continued

404607073430801. Local number, N12450.1

LOCATION.--Lat 40°46'07", long 73°43'08", Hydrologic Unit 02030201, at west side of Links Drive, south of Horace Harding Boulevard, Lake Success. Owner: Nassau County Department of Public Works.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 685 ft, screened 660 to 680 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 220.0 ft above sea level. Measuring point: Top of coupling, 0.31 ft below land-surface datum.

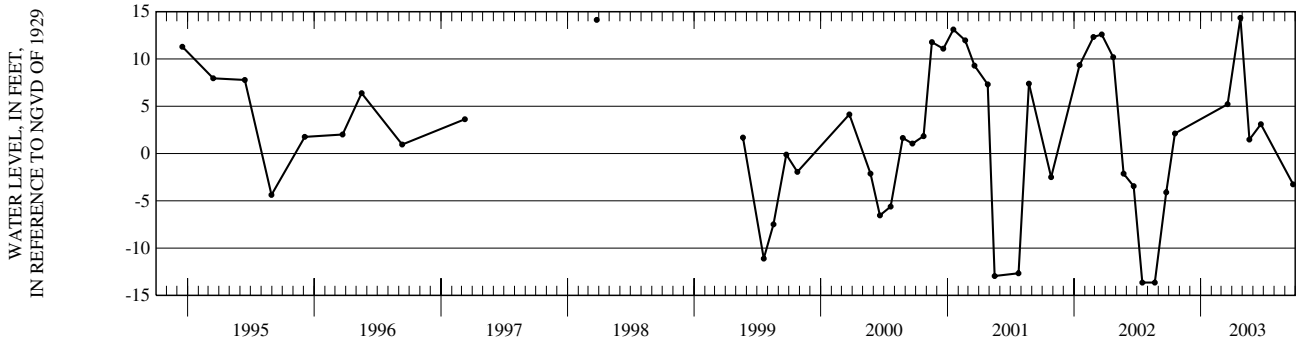
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--March 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.35 ft above sea level, April 25, 2003; lowest measured, 13.64 ft below sea level, July 16 and August 21, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 18	2.12	MAR 19	5.21	APR 25	14.35	MAY 21	1.48	JUN 23	3.10	SEP 24	-3.25



404925073405402. Local number, N12451.1

LOCATION.--Lat 40°49'25", long 73°40'54", Hydrologic Unit 02030201, at southside of Revere Drive, Port Washington. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 120 ft, screened 95 to 115 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

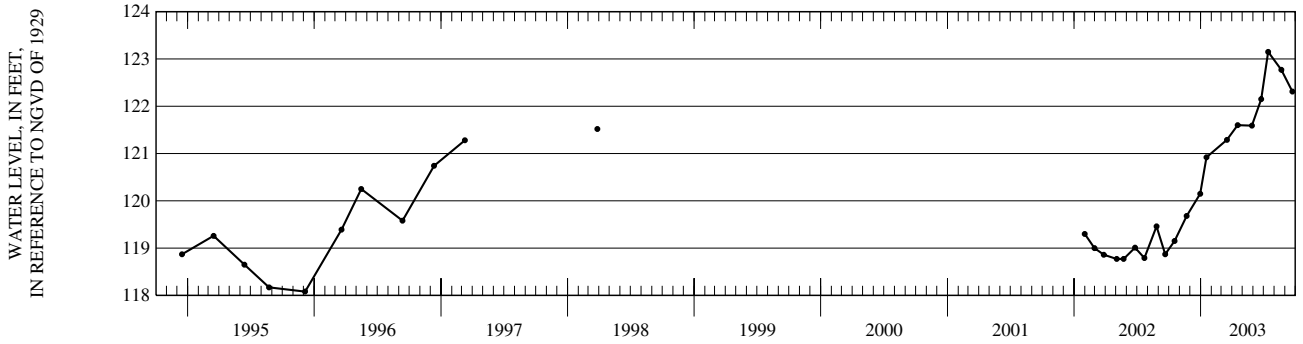
DATUM.--Land-surface datum is 154.0 ft above sea level. Measuring point: Top of casing, 0.45 ft below land-surface datum.

PERIOD OF RECORD.--March 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 123.15 ft above sea level, July 14, 2003; lowest measured, 118.08 ft above sea level, December 5, 1985.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	119.15	DEC 30	120.15	MAR 17	121.29	MAY 28	121.59	JUL 14	123.15	SEP 22	122.31
NOV 21	119.68	JAN 17	120.92	APR 17	121.60	JUN 24	122.15	AUG 21	122.77		



NASSAU COUNTY—Continued

404834073403701. Local number, N12507.1

LOCATION.--Lat 40°48'34", long 73°40'37", Hydrologic Unit 02030201, at southwest side of Bonnie Heights Road, in Flower Hill Village Hall parking lot, Flower Hill. Owner: Nassau County Department of Public Works.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 615 ft, screened 585 to 605 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

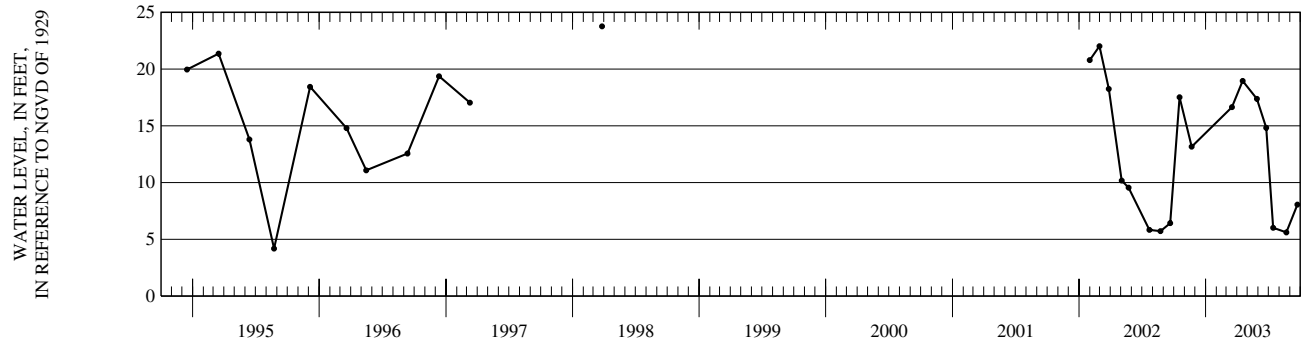
DATUM.--Land-surface datum is 118.0 ft above sea level. Measuring point: Top of casing, 0.84 ft below land-surface datum.

PERIOD OF RECORD.--September 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.76 ft above sea level, March 26, 1998; lowest measured, 4.19 ft above sea level, August 23, 1995.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	17.52	MAR 17	16.64	MAY 28	17.38	JUL 14	6.02	SEP 22	8.06		
NOV 21	13.16	APR 17	18.96	JUN 24	14.83	AUG 21	5.61				



404943073414701. Local number, N12508.1

LOCATION.--Lat 40°49'43", long 73°41'47", Hydrologic Unit 02030201, at north side of Charles Street near dead end, along west side of foot path to Madison Street, at Stannards Brook Park, Port Washington. Owner: United States Geological Survey.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 400 ft, screened 375 to 400 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 61.0 ft above sea level. Measuring point: Top of casing, 0.99 ft below land-surface datum.

REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

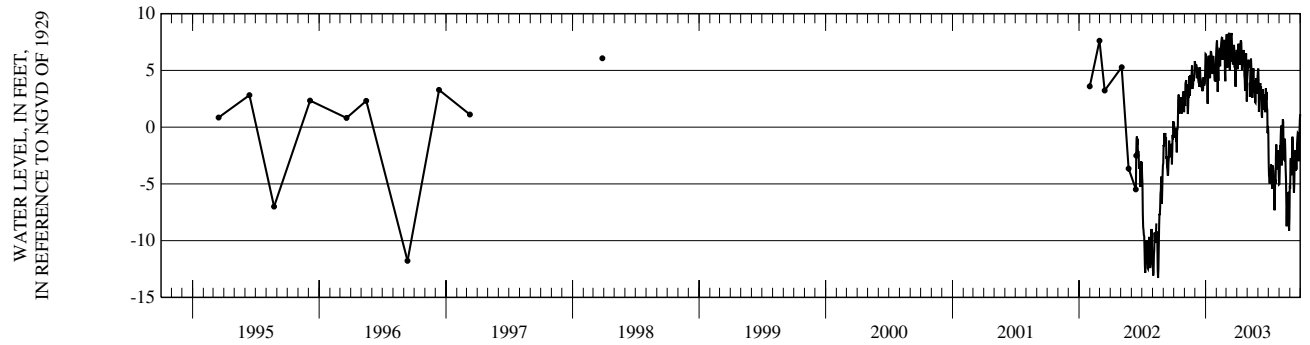
PERIOD OF RECORD.--March 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.92 ft above sea level, March 16 and 17, 2003; lowest measured, 14.18 ft below sea level, July 10, 2002.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-0.83	4.15	5.29	3.64	4.88	6.83	7.35	5.19	2.42	-4.43	-0.64	-4.23
10	-0.27	1.16	4.16	5.75	6.82	7.50	7.00	5.47	2.02	-4.76	-0.09	-2.71
15	2.87	4.21	5.25	6.63	7.69	8.14	5.07	2.59	2.28	-3.99	-2.88	-2.04
20	2.62	3.36	3.50	4.68	6.70	5.53	6.80	3.04	2.87	-4.63	-4.55	-3.20
25	2.24	3.69	4.39	4.75	4.65	5.24	4.67	3.78	3.11	---	-5.95	-1.24
EOM	2.69	5.82	6.45	6.78	7.42	6.81	4.18	4.92	-0.45	-5.05	-5.15	1.15
MEAN	1.13	3.69	4.40	5.28	6.41	6.68	5.93	4.13	2.30	-4.07	-3.82	-2.54
MAX	3.14	5.82	6.45	6.78	7.88	8.31	7.66	6.04	5.16	-1.53	0.70	1.15
MIN	-2.22	1.16	3.17	2.07	3.12	3.57	2.26	2.16	-0.53	-7.32	-9.12	-5.77

WTR YR 2003 MEAN 2.44 MAX 8.31 MIN -9.12



NASSAU COUNTY—Continued

404019073384601. Local number, N13372.1

LOCATION.--Lat 40°40'19", long 73°38'46", Hydrologic Unit 02030202, at Hempstead Lake State Park, northwest corner of Lake Shore Drive and Peninsula Boulevard, Lakeview. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 33.6 ft, screened 23.6 to 33.6 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

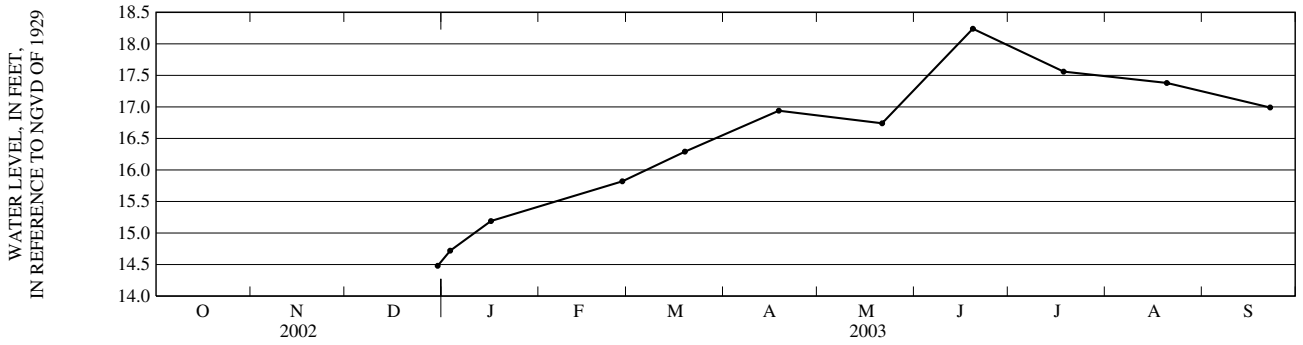
DATUM.--Land-surface datum is 36.3 ft above sea level. Measuring point: Top of casing, 0.26 ft below land-surface datum.

PERIOD OF RECORD.--December 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.24 ft above sea level, June 19, 2003; lowest measured, 14.48 ft above sea level, December 30, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 30	14.48	JAN 16	15.19	MAR 19	16.29	MAY 21	16.74	JUL 18	17.56	SEP 22	16.99
JAN 03	14.72	FEB 27	15.82	APR 18	16.94	JUN 19	18.24	AUG 20	17.38		



404050073384001. Local number, N13373.1

LOCATION.--Lat 40°40'50", long 73°38'40", Hydrologic Unit 02030202, at Hempstead Lake State Park, east side of Lake Shore Drive, 71 ft north of entrance to parking field 1, Lakeview. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 44.8 ft, screened 34.8 to 44.8 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

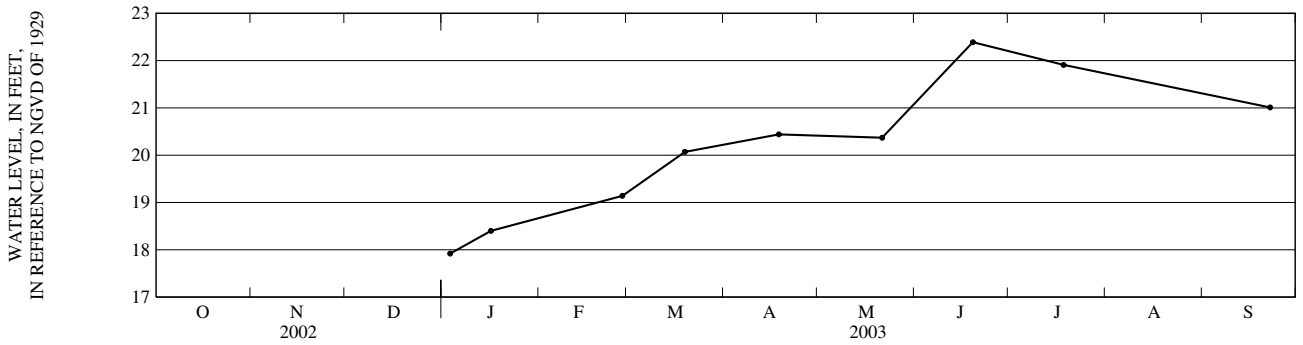
DATUM.--Land-surface datum is 45.2 ft above sea level. Measuring point: Top of casing, 0.36 ft below land-surface datum.

PERIOD OF RECORD.--December 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.39 ft above sea level, June 19, 2003; lowest measured, 17.92 ft above sea level, January 3, 2003.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 03	17.92	FEB 27	19.14	APR 18	20.44	JUN 19	22.39	SEP 22	21.01		
16	18.40	MAR 19	20.07	MAY 21	20.37	JUL 18	21.91				



NASSAU COUNTY—Continued

404119073380201. Local number, N13374.1

LOCATION.--Lat 40°41'19", long 73°38'02", Hydrologic Unit 02030202, at west side of Peninsula Boulevard, 185 ft north of Southern State Parkway exit ramp, Lakeview. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 45 ft, screened 35 to 45 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

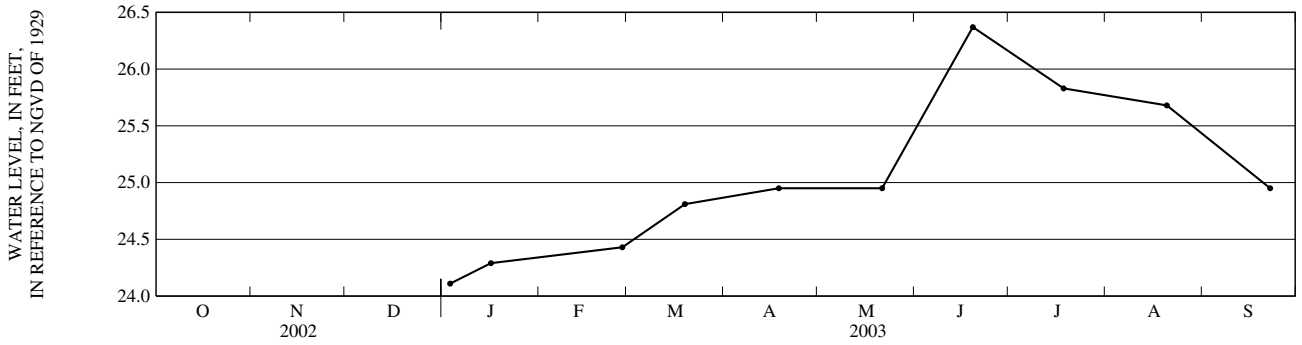
DATUM.--Land-surface datum is 48.0 ft above sea level. Measuring point: Top of casing, 0.55 ft below land-surface datum.

PERIOD OF RECORD.--December 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.37 ft above sea level, June 19, 2003; lowest measured, 24.11 ft above sea level, January 3, 2003.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 03	24.11	FEB 27	24.43	APR 18	24.95	JUN 19	26.37	AUG 20	25.68		
16	24.29	MAR 19	24.81	MAY 21	24.95	JUL 18	25.83	SEP 22	24.95		



QUEENS COUNTY

404451073475003. Local number, Q283.2

LOCATION.--Lat 40°44'50", long 73°47'50", Hydrologic Unit 02030201, at City of New York storage facility, 50 ft south of Underhill Avenue, west of Fresh Meadow Lane, easternmost well, Flushing. Owner: City of New York.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled steel abandoned public supply well, diameter 26 in., depth 409 ft, screened 309 to 352 ft and 367 to 409 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

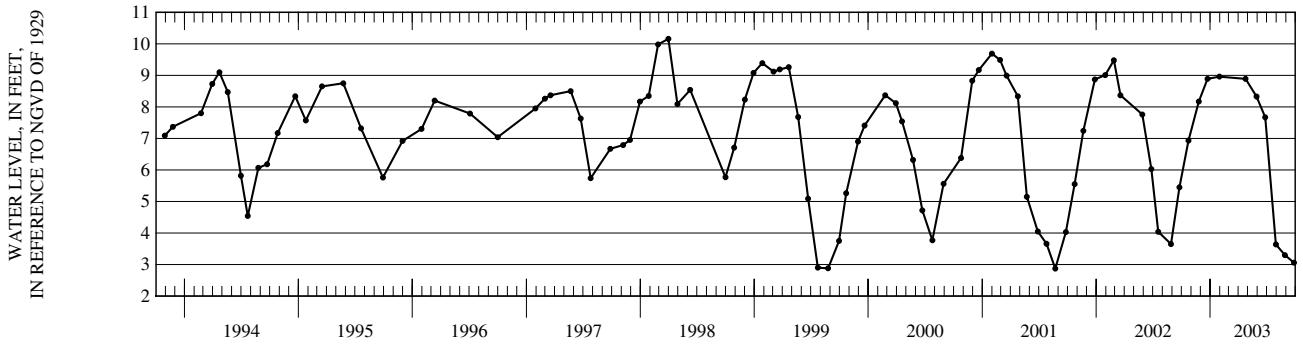
DATUM.--Land-surface datum is 27.0 ft above sea level. Measuring point: Top of hole cut in welded steel plate, 0.37 ft above land-surface datum.

PERIOD OF RECORD--June 1946 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.16 ft above sea level, March 31, 1998; lowest measured, 27.40 ft below sea level, September 14, 1976.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	6.93	DEC 23	8.89	APR 24	8.89	JUN 26	7.67	AUG 28	3.30		
NOV 25	8.17	JAN 30	8.96	MAY 29	8.33	JUL 30	3.64	SEP 26	3.06		



403624073491601. Local number, Q287.1

LOCATION.--Lat 40°36'24", long 73°49'16", Hydrologic Unit 02030202, at Broad Channel School, west side of Shad Creek Road, 131 ft south of 9th Road, Broad Channel. Owner: City of New York.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled steel abandoned public supply well, diameter 8 in., depth 725 ft, screen assumed at bottom.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 8.5 ft above sea level. Measuring point: Top of 8-in to 4-in steel reducer bushing, 0.52 ft below land-surface datum.

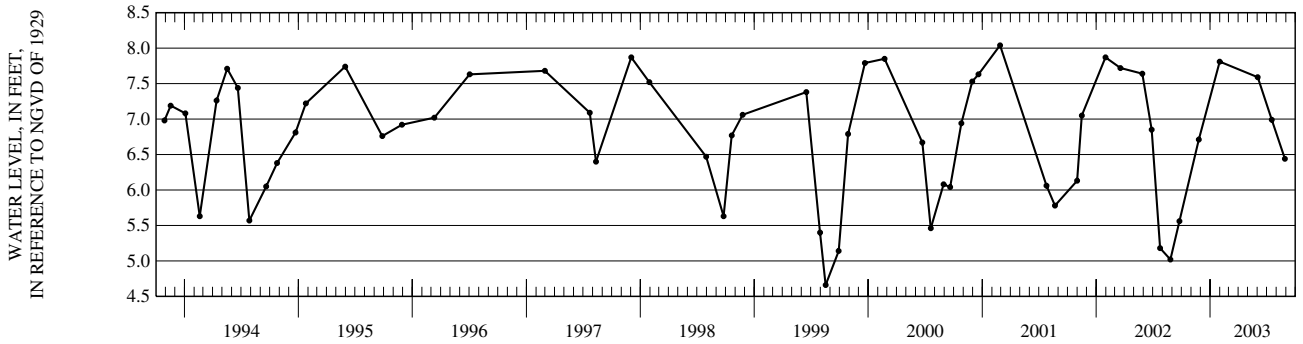
REMARKS.--Water level affected by tidal fluctuation.

PERIOD OF RECORD.--January 1944 to current year. Unpublished records from January 1944 to September 1987 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.79 ft above sea level, January 1, 1945; lowest measured, 0.96 ft below sea level, September 5, 1969.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 25	6.71	JAN 31	7.81	JUN 02	7.59	JUL 17	6.99	AUG 28	6.44



QUEENS COUNTY—Continued

404418073434101. Local number, Q577.1

LOCATION.--Lat 40°44'18", long 73°43'41", Hydrologic Unit 02030201, at Creedmoor State Hospital, near the intersection of Hillside Avenue and Cross Island Parkway, in recorder shelter, Bellerose. Owner: State of New York.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 12 in., depth 640 ft, screen assumed at bottom.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 113.5 ft above sea level. Measuring point: Top of casing, 0.22 ft above land-surface datum.

REMARKS.--Water level affected by nearby pumping.

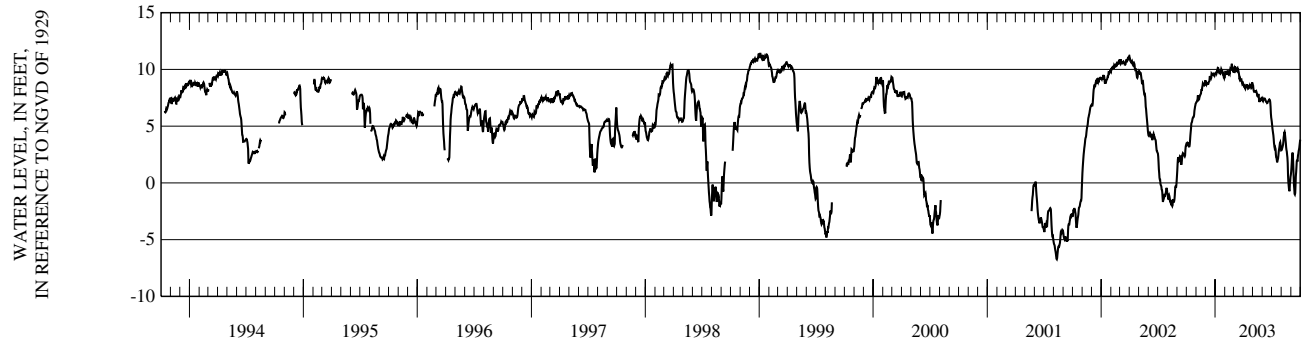
PERIOD OF RECORD.--February 1946 to current year. Unpublished records from February 1946 to September 1975 are available in files of the Long Island Subdistrict office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 14.34 ft above sea level, January 14, 1992; lowest measured, 18.66 ft below sea level, July 30, 1954.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.45	7.36	8.74	9.66	9.69	10.27	8.50	8.06	7.42	4.40	3.25	2.59
10	3.22	7.37	8.78	10.13	9.90	9.96	8.48	8.03	7.33	3.11	4.43	-0.16
15	4.78	7.83	9.32	9.65	9.66	9.99	8.56	7.73	7.11	2.25	3.49	-0.16
20	5.65	8.42	9.63	10.02	9.99	9.12	8.42	7.69	7.20	2.04	2.24	2.03
25	6.01	8.63	9.69	9.59	9.93	9.01	8.44	7.30	7.29	3.07	-0.52	2.79
EOM	7.03	9.04	9.58	9.33	9.92	8.76	8.75	7.38	5.58	2.87	0.72	3.81
MEAN	4.88	8.00	9.20	9.74	9.85	9.56	8.52	7.78	7.10	3.20	2.27	1.58
MAX	7.03	9.04	9.69	10.14	10.50	10.27	8.85	8.67	7.43	5.38	4.49	3.81
MIN	3.21	7.11	8.68	9.24	9.51	8.76	8.30	7.13	5.58	1.81	-0.73	-1.02

WTR YR 2003 MEAN 6.79 MAX 10.50 MIN -1.02



QUEENS COUNTY—Continued

403958073445801. Local number, Q1187.1

LOCATION.--Lat 40°39'58", long 73°44'58", Hydrologic Unit 02030202, at south side of North Conduit Avenue, 1,775 ft west of 225th Street, in ravine, westernmost well, Rosedale. Owner: City of New York.

AQUIFER.--Jameco (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 8 in., depth 130 ft, screen assumed at bottom.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

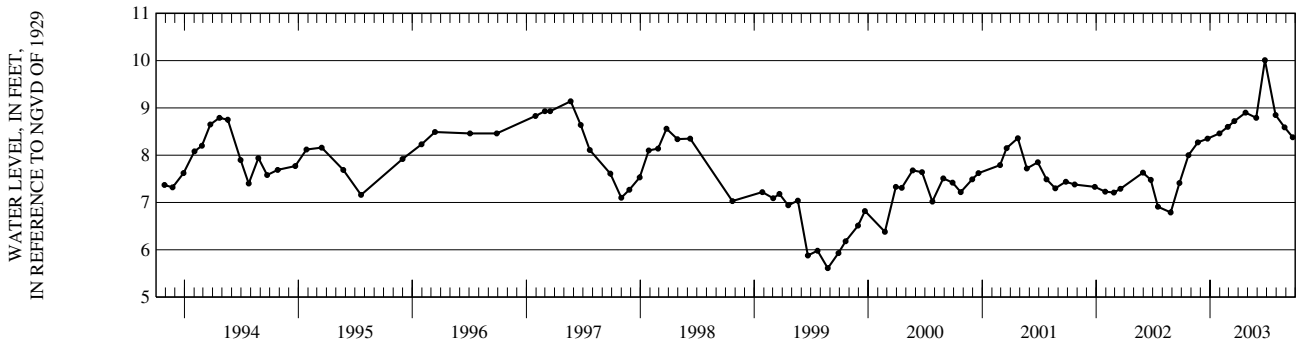
DATUM.--Land-surface datum is 10.0 ft above sea level. Measuring point: Top of small hole in 8-in steel cap, 4.71 ft above land-surface datum.

PERIOD OF RECORD.--November 1968 to current year. Unpublished records from November 1968 to September 1987 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.01 ft above sea level, June 25, 2003; lowest measured, 2.26 ft above sea level, June 22, 1981.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	8.00	DEC 23	8.35	FEB 26	8.60	APR 24	8.90	JUN 25	10.01	AUG 27	8.59
NOV 22	8.27	JAN 30	8.46	MAR 19	8.72	MAY 28	8.79	JUL 29	8.85	SEP 22	8.38



403958073445802. Local number, Q1189.1

LOCATION.--Lat 40°39'58", long 73°44'58", Hydrologic Unit 02030202, at south side of North Conduit Avenue, 1,790 ft west of 225th Street, in ravine, easternmost well, Rosedale. Owner: City of New York.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 50 ft, screen assumed at bottom.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

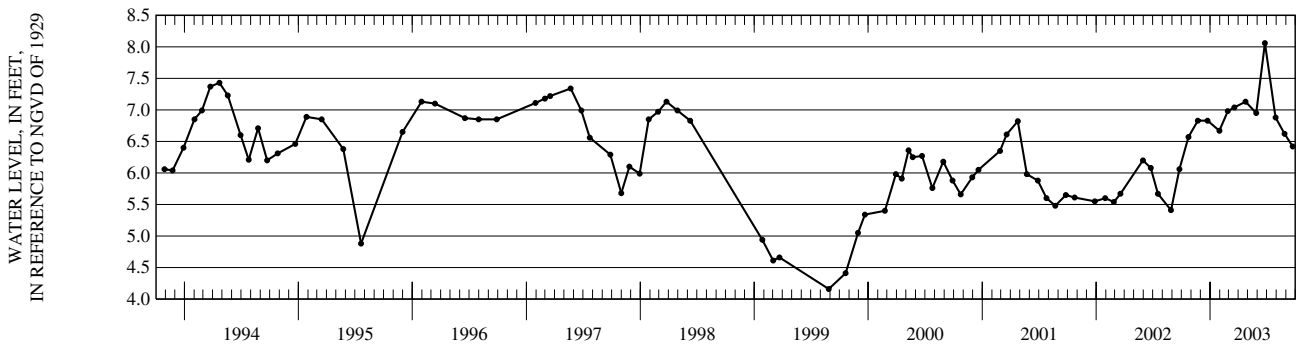
DATUM.--Land-surface datum is 13.0 ft above sea level. Measuring point: Top of coupling, 14.76 ft above land-surface datum.

PERIOD OF RECORD.--November 1968 to current year. Unpublished records from November 1968 to September 1987 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.06 ft above sea level, June 25, 2003; lowest measured, 1.86 ft above sea level, December 15, 1981.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	6.57	DEC 23	6.83	FEB 26	6.98	APR 24	7.13	JUN 25	8.06	AUG 27	6.62
NOV 22	6.83	JAN 30	6.67	MAR 19	7.04	MAY 28	6.95	JUL 29	6.88	SEP 22	6.42



QUEENS COUNTY—Continued

404241073443301. Local number, Q1249.2

LOCATION.--Lat 40°42'41", long 73°44'33", Hydrologic Unit 02030202, at east side of 216th Street, 85 ft north of 106th Avenue, Queens Village. Owner: City of New York.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 80 ft, screened 70 to 75 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 75.5 ft above sea level. Measuring point: Top of casing, 0.11 ft below land-surface datum.

REMARKS.--Replaced well Q1249.1 in August 1999 near same location.

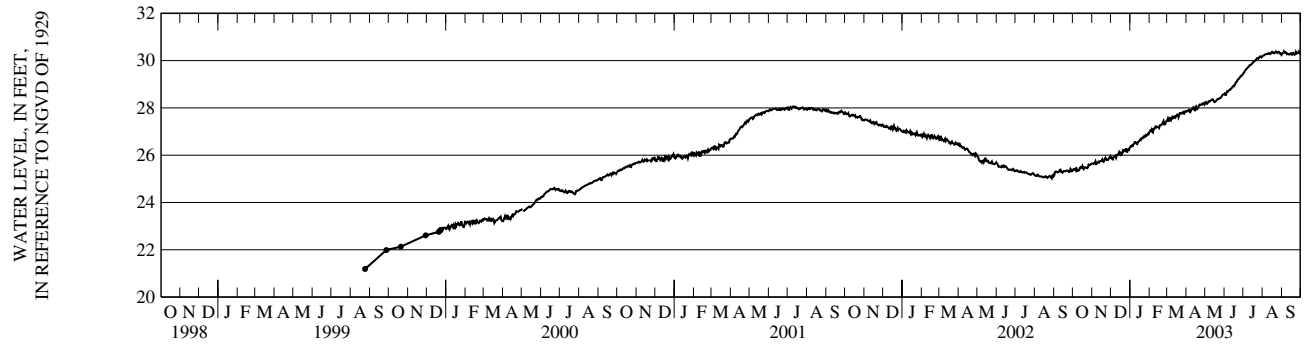
PERIOD OF RECORD.--August 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.41 ft above sea level, August 22 and September 4, 2003; lowest measured, 21.19 ft above sea level, August 24, 1999.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	25.42	25.66	25.93	26.40	26.99	27.57	27.92	28.21	28.70	29.62	30.26	30.36
10	25.35	25.71	25.98	26.53	27.20	27.56	27.95	28.32	28.77	29.76	30.30	30.29
15	25.49	25.76	26.08	26.60	27.18	27.64	28.02	28.27	28.93	29.88	30.34	30.31
20	25.49	25.77	26.20	26.74	27.29	27.69	28.05	28.35	29.10	30.00	30.33	30.29
25	25.50	25.80	26.30	26.80	27.30	27.79	28.14	28.41	29.27	30.08	30.35	30.33
EOM	25.64	25.97	26.33	26.95	27.46	27.86	28.15	28.58	29.42	30.17	30.25	30.26
MEAN	25.47	25.76	26.07	26.64	27.21	27.66	28.01	28.35	28.97	29.89	30.30	30.31
MAX	25.64	25.97	26.33	26.95	27.46	27.86	28.20	28.58	29.42	30.18	30.39	30.40
MIN	25.34	25.62	25.82	26.36	26.96	27.45	27.82	28.17	28.54	29.46	30.20	30.25

WTR YR 2003 MEAN 27.89 MAX 30.40 MIN 25.34



404547073524401. Local number, Q1326.1

LOCATION.--Lat 40°45'47", long 73°52'44", Hydrologic Unit 02030201, at west side of 91st Street, 145 ft south of Astoria Boulevard, Jackson Heights. Owner: Fair Operating Company

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven steel diffusion well, diameter 6 in., depth 72 ft, screen assumed at bottom.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

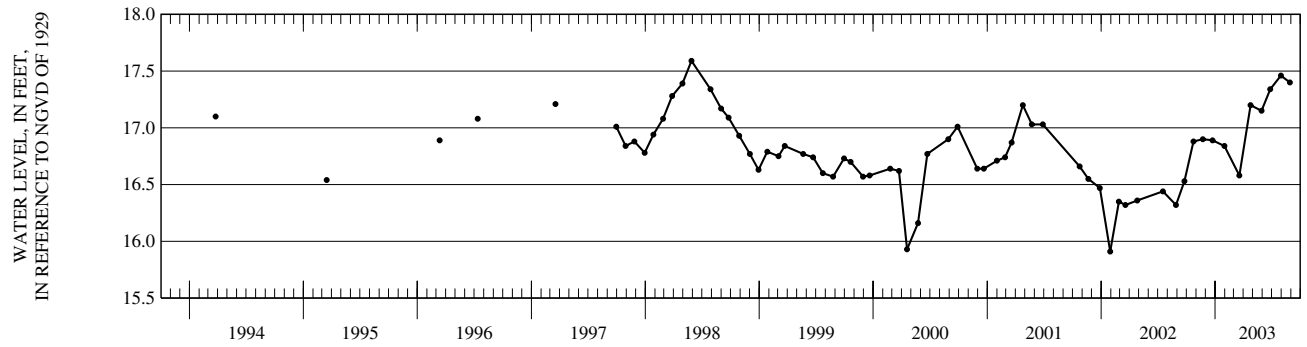
DATUM.--Land-surface datum is 27.0 ft above sea level. Measuring point: Top of hole in 6-in steel cap, 0.44 ft above land- surface datum.

PERIOD OF RECORD.--July 1950 to March 1984 and June 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.06 ft above sea level, March 22, 1983; lowest measured, 14.50 ft above sea level, April 19, 1966.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	16.88	DEC 23	16.89	MAR 19	16.58	MAY 29	17.15	JUL 30	17.46		
NOV 22	16.90	JAN 30	16.84	APR 24	17.20	JUN 26	17.34	AUG 28	17.40		



QUEENS COUNTY—Continued

404303073481601. Local number, Q1812.1

LOCATION.--Lat 40°43'03", long 73°48'16", Hydrologic Unit 02030202, at west side of 164th Street, 670 ft south of Goethals Avenue, at Queens General Hospital, Jamaica. Owner: Queens General Hospital.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled unused steel diffusion well, diameter 12 in., depth 250 ft, screened 195 to 245 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

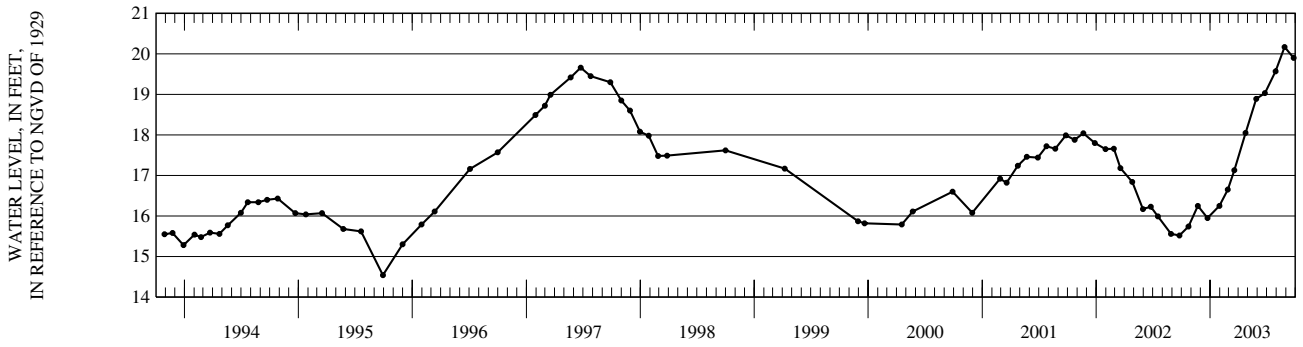
DATUM.--Land-surface datum is 115.4 ft above sea level. Measuring point: Top of coupling at end of 2-in steel extension, 0.93 ft below land-surface datum.

PERIOD OF RECORD.--January 1982 to current year. Unpublished records from January 1982 to September 1987 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.17 ft above sea level, August 27, 2003; lowest measured, 12.80 ft below sea level, December 17, 1984.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	15.74	DEC 23	15.95	FEB 26	16.65	APR 24	18.05	JUN 25	19.03	AUG 27	20.17
NOV 22	16.25	JAN 30	16.25	MAR 19	17.13	MAY 28	18.89	JUL 29	19.57	SEP 25	19.90



403957073495001. Local number, Q2324.1

LOCATION.--Lat 40°39'57", long 73°49'50", Hydrologic Unit 02030202, at north side of North Conduit Avenue, 66 ft east of entrance to Aqueduct Race Track, South Ozone Park. Owner: New York Racing Association.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven steel observation well, diameter 2 $\frac{1}{2}$ in., depth 91 ft, screen assumed at bottom.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

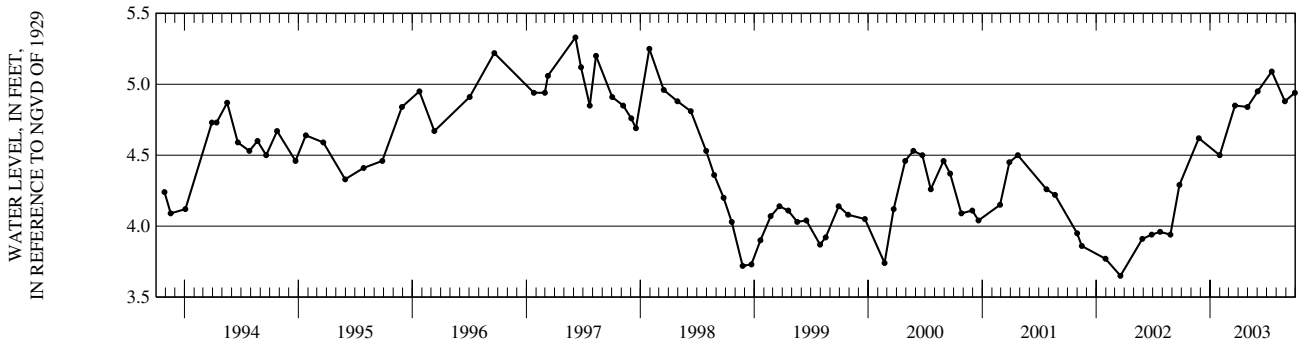
DATUM.--Land-surface datum is 22.0 ft above sea level. Measuring point: Top of coupling, 0.04 ft above land-surface datum.

PERIOD OF RECORD.--March 1959 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.33 ft above sea level, June 6, 1997; lowest measured, 3.40 ft below sea level, May 25, 1959.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 25	4.62	MAR 21	4.85	JUN 02	4.95	AUG 28	4.88				
JAN 31	4.50	APR 30	4.84	JUL 17	5.09	SEP 29	4.94				



QUEENS COUNTY—Continued

404451073475002. Local number, Q2346.1

LOCATION.--Lat 40°44'51", long 73°47'50", Hydrologic Unit 02030201, at City of New York storage facility, 55 ft south of Underhill Avenue, west of Fresh Meadow Lane, westernmost well, Flushing. Owner: City of New York.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven steel observation well, diameter 1 $\frac{1}{4}$ in., depth 17 ft, screened 12 to 17 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

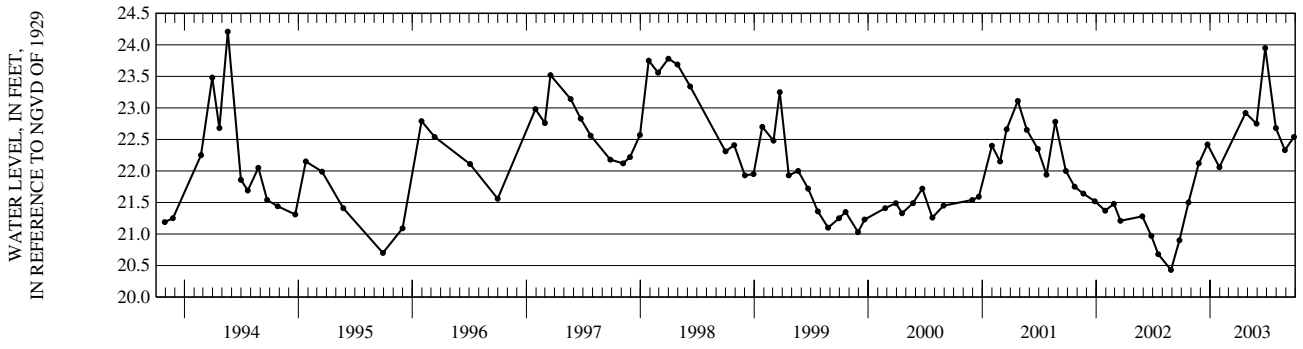
DATUM.--Land-surface datum is 29.0 ft above sea level. Measuring point: Top of steel casing, 0.98 ft above land-surface datum.

PERIOD OF RECORD.--August 1960 to current year. Unpublished records from August 1960 to September 1975 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.21 ft above sea level, May 19, 1994; lowest measured, 13.18 ft above sea level, February 25, 1983.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	21.50	DEC 23	22.42	APR 24	22.92	JUN 26	23.95	AUG 28	22.33		
NOV 25	22.12	JAN 30	22.06	MAY 29	22.75	JUL 30	22.68	SEP 26	22.54		



QUEENS COUNTY—Continued

404025073463801. Local number, Q2422.1

LOCATION.--Lat 40°40'25", long 73°46'38", Hydrologic Unit 02030202, at south side of 132nd Street, 140 ft west of Guy R. Brewer Boulevard, in pumping station, Springfield Gardens. Owner: City of New York.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 8 in. to 6 in., depth 370 ft, screened 342 to 362 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 21.0 ft above sea level. Measuring point: Top of casing, 1.21 ft above land-surface datum.

REMARKS.--Water level affected by nearby pumping

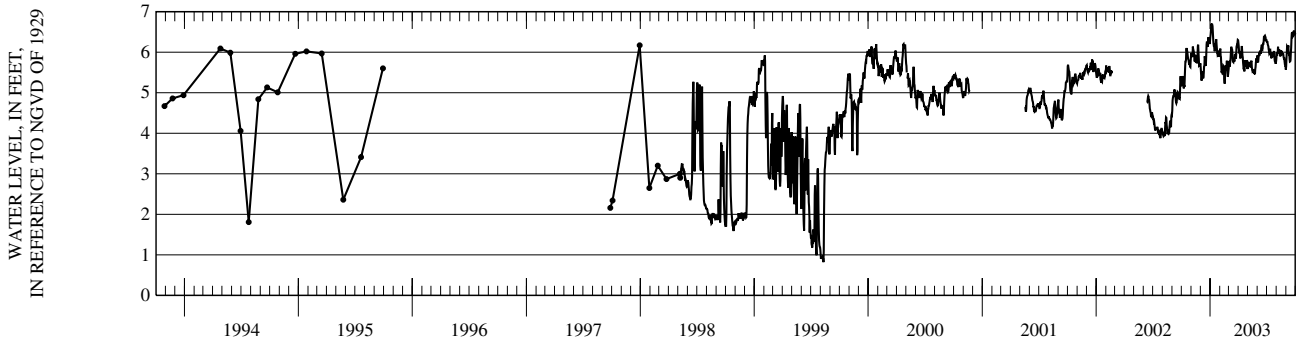
PERIOD OF RECORD.--March 1969 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.72 ft above sea level, January 4, 2003; lowest measured, 5.65 ft below sea level, September 9, 1983.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.41	5.92	5.38	6.65	5.72	5.71	6.02	5.68	5.91	6.17	6.00	6.13
10	5.14	5.92	5.39	6.35	5.48	6.09	5.98	5.63	5.97	5.98	6.06	5.96
15	5.81	5.86	5.84	6.02	5.33	5.76	5.87	5.59	6.19	5.85	5.91	5.80
20	5.95	5.78	6.19	6.32	5.60	5.84	5.53	5.49	6.21	5.90	5.97	6.50
25	5.69	5.84	6.32	5.96	5.47	5.95	5.69	5.58	6.41	5.95	5.84	6.45
EOM	5.90	5.73	6.28	5.93	5.53	6.30	5.58	5.82	6.29	5.79	5.57	6.47
MEAN	5.62	5.89	5.84	6.23	5.60	5.93	5.84	5.65	6.12	5.98	5.92	6.17
MAX	6.10	6.18	6.37	6.70	6.09	6.30	6.22	5.85	6.41	6.26	6.13	6.53
MIN	5.11	5.65	5.30	5.89	5.23	5.61	5.53	5.46	5.75	5.72	5.57	5.65

WTR YR 2003 MEAN 5.90 MAX 6.70 MIN 5.11



QUEENS COUNTY—Continued

403940073443601. Local number, Q2994.1

LOCATION.--Lat 40°39'40", long 73°44'36", Hydrologic Unit 02030202, at west side of Brookville Boulevard, between 145th Avenue and Mayda Road, 67 ft west of blacktop walkway in park, southernmost well, Rosedale. Owner: New York City.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven steel observation well, diameter 2 in., depth 66 ft, screened 10 to 66 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 10.0 ft above sea level. Measuring point: Top of casing, 0.22 ft below land-surface datum.

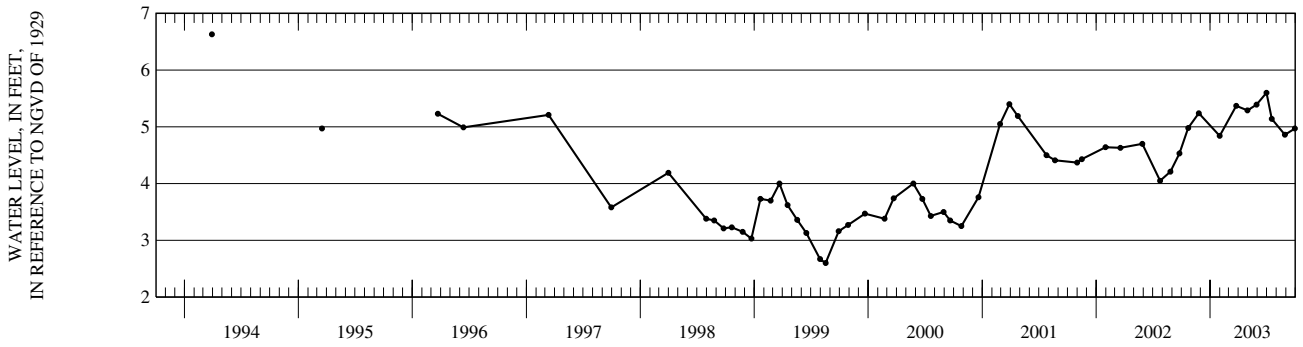
REMARKS.--Water level affected by tidal fluctuation.

PERIOD OF RECORD.--November 1968 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.63 ft above sea level, March 29, 1994; lowest measured, 2.23 ft above sea level, December 20, 1982.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	4.98	JAN 31	4.84	APR 30	5.29	JUN 30	5.60	AUG 28	4.86		
NOV 25	5.24	MAR 25	5.37	MAY 29	5.39	JUL 17	5.14	SEP 29	4.97		



403939073443501. Local number, Q2994.2

LOCATION.--Lat 40°39'39", long 73°44'35", Hydrologic Unit 02030202, at east side of Brookville Park, west side of Brookville Boulevard, between 145th Avenue and Mayda Road, Rosedale. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 25 ft, screened 15 to 20 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 13.0 ft above sea level. Measuring point: Top of casing, 0.30 ft below land-surface datum.

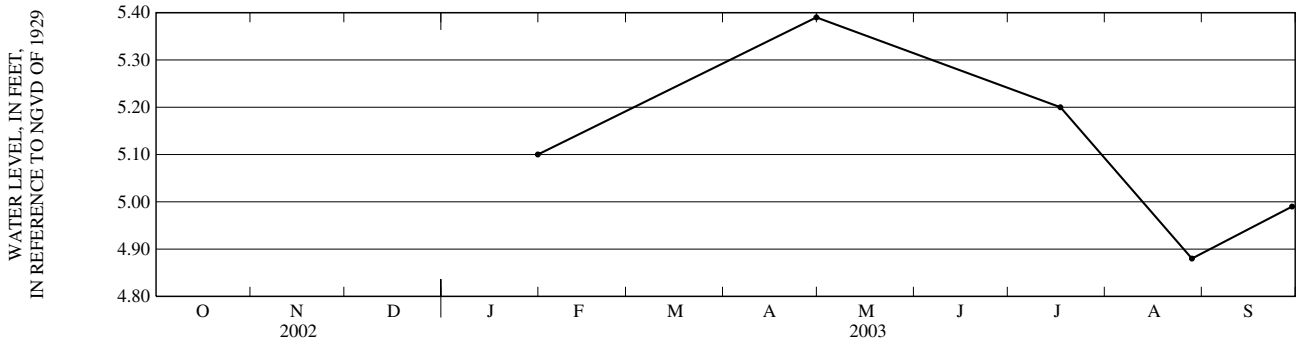
REMARKS.--Replaced well Q2994.1 in December 2002 near same location. Water level affected by tidal fluctuation.

PERIOD OF RECORD.--December 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.39 ft above sea level, April 30, 2003; lowest measured, 4.88 ft above sea level, August 28, 2003.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 31	5.10	APR 30	5.39	JUL 17	5.20	AUG 28	4.88	SEP 29	4.99



QUEENS COUNTY—Continued

403940073443501. Local number, Q2995.1

LOCATION.--Lat 40°39'40", long 73°44'35", Hydrologic Unit 02030202, at west side of Brookville Boulevard, between 145th Avenue and Mayda Road, 54 ft west of blacktop walkway in park, northernmost well, Rosedale. Owner: New York City.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven steel observation well, diameter 4 in., depth 100 ft, screened 10 to 83 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 11.0 ft above sea level. Measuring point: Top of casing, 0.90 ft below land-surface datum.

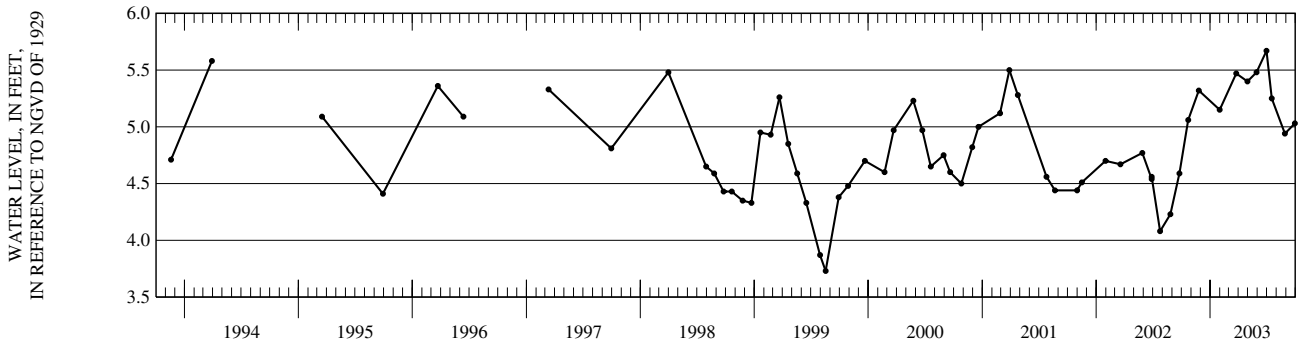
REMARKS.--Water level affected by tidal fluctuation.

PERIOD OF RECORD.--November 1968 to October 1985 and June 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.29 ft above sea level, October 3, 1978; lowest measured, 2.43 ft above sea level, September 21, 1982.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	5.06	JAN 31	5.15	APR 30	5.40	JUN 30	5.67	AUG 28	4.94		
NOV 25	5.32	MAR 25	5.47	MAY 29	5.48	JUL 17	5.25	SEP 29	5.03		



403932073482901. Local number, Q3109.1

LOCATION.--Lat 40°39'32", long 73°48'29", Hydrologic Unit 02030202, at John F. Kennedy International Airport, in grassy area at Federal Circle, 160 ft west of Federal Circle Loop Road, near Bergan Road split, just east of Van Wyck Expressway, northernmost well, South Ozone Park. Owner: New York Port Authority.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 400 ft, screened 290 to 310 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 22.7 ft above sea level. Measuring point: Top of coupling, 1.30 ft below land-surface datum.

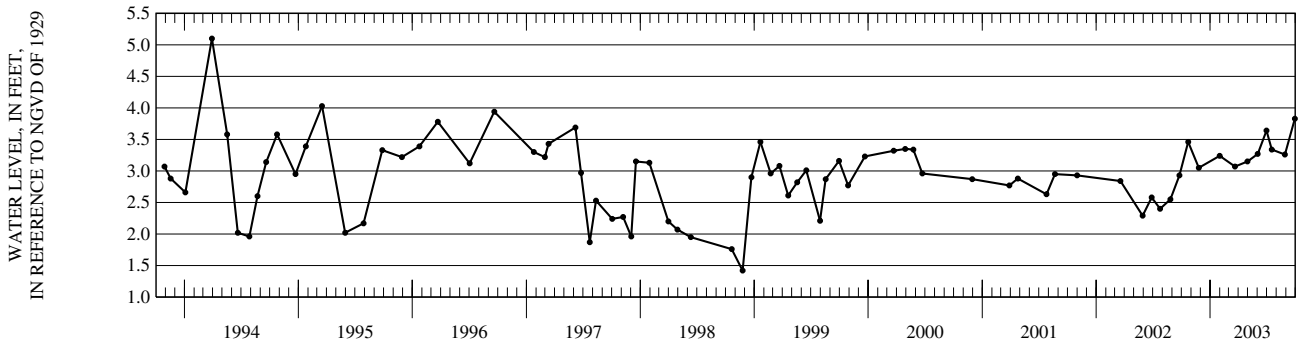
REMARKS.--Water level affected by tidal fluctuation and local dewatering.

PERIOD OF RECORD.--December 1981 to current year. Unpublished records from December 1981 to September 1987 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.10 ft above sea level, March 29, 1994; lowest measured, 1.32 ft below sea level, September 26, 1983.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	3.46	JAN 31	3.24	APR 30	3.15	JUN 30	3.64	AUG 28	3.26		
NOV 25	3.05	MAR 21	3.07	JUN 02	3.27	JUL 17	3.34	SEP 29	3.83		



QUEENS COUNTY—Continued

403845073475701. Local number, Q3110.1

LOCATION.--Lat 40°38'45", long 73°47'57", Hydrologic Unit 02030202, at John F. Kennedy International Airport, east side of North Service Road, north of intersection with Van Wyck Expressway, easternmost well. Owner: New York Port Authority.

AQUIFER.--Jameco (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 356 ft, screened 306 to 326 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 10.0 ft above sea level. Measuring point: Top of coupling, 0.53 ft below land-surface datum.

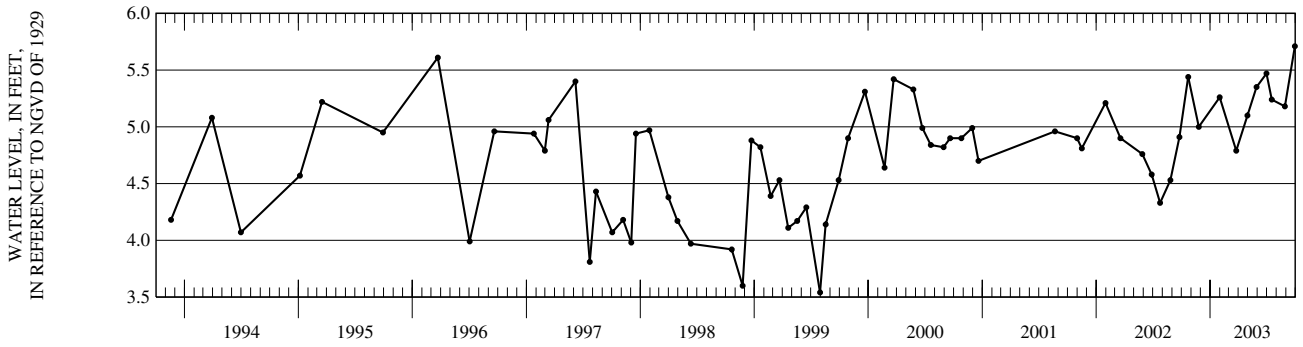
REMARKS.--Water level affected by tidal fluctuation and local dewatering.

PERIOD OF RECORD.--December 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.01 ft above sea level, March 22, 1991; lowest measured, 0.20 ft above sea level, September 26, 1983.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	5.44	JAN 31	5.26	APR 30	5.10	JUN 30	5.47	AUG 28	5.18		
NOV 25	5.00	MAR 25	4.79	MAY 29	5.35	JUL 17	5.24	SEP 29	5.71		



403939073472801. Local number, Q3112.1

LOCATION.--Lat 40°39'39", long 73°47'28", Hydrologic Unit 02030202, at John F. Kennedy International Airport, east side of North Boundary Road, south of 150th Avenue, southernmost well. Owner: New York Port Authority.

AQUIFER.--Jameco (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 305 ft, screened 290 to 300 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 11.3 ft above sea level. Measuring point: Top of coupling, 0.35 ft below land-surface datum.

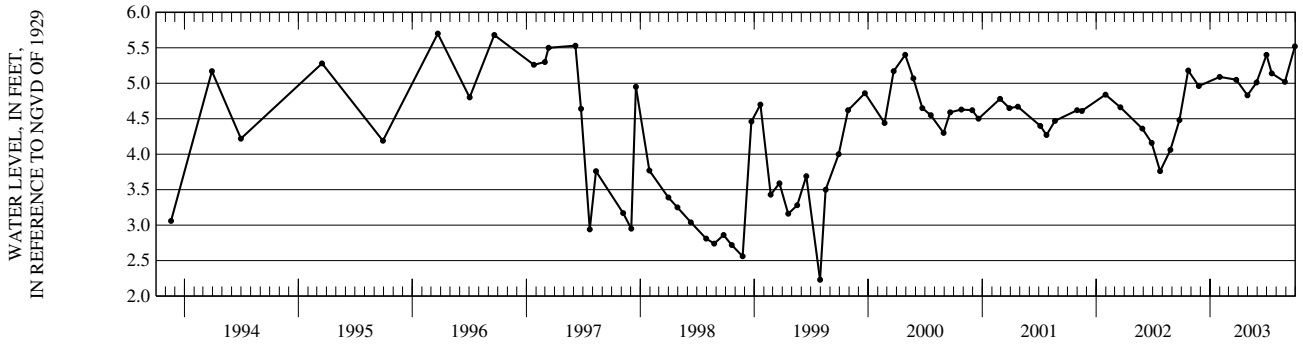
REMARKS.--Water level affected by tidal fluctuation and local dewatering.

PERIOD OF RECORD.--December 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.70 ft above sea level, March 22, 1996; lowest measured, 1.78 ft below sea level, September 26, 1983.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	5.18	JAN 31	5.09	APR 30	4.83	JUN 30	5.40	AUG 28	5.02		
NOV 25	4.96	MAR 25	5.05	MAY 29	5.01	JUL 17	5.14	SEP 29	5.52		



QUEENS COUNTY—Continued

403932073482902. Local number, Q3114.1

LOCATION.--Lat 40°39'32", long 73°48'29", Hydrologic Unit 02030202, at John F. Kennedy International Airport, in grassy area at Federal Circle, 160 ft west of Federal Circle Loop Road, near Bergan Road split, just east of Van Wyck Expressway, southernmost well, South Ozone Park. Owner: New York Port Authority.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 31 ft, screened 29 to 31 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 21.0 ft above sea level. Measuring point: Top of coupling, 0.26 ft above land-surface datum.

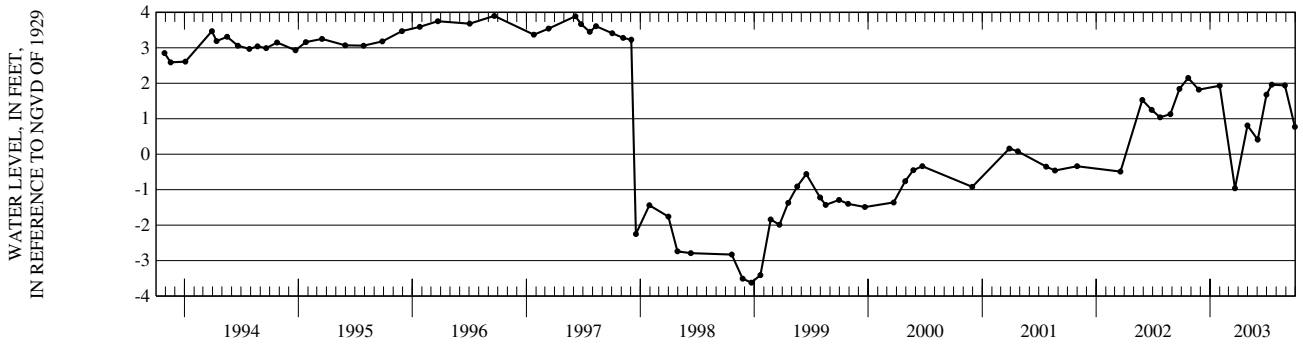
REMARKS.--Water level affected by tidal fluctuation and local dewatering.

PERIOD OF RECORD.--December 1981 to current year. Unpublished records from December 1981 to September 1987 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.30 ft above sea level, April 30, 1984; lowest measured, 3.62 ft below sea level, December 22, 1998.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	2.15	JAN 31	1.93	APR 30	.81	JUN 30	1.68	AUG 28	1.94		
NOV 25	1.82	MAR 21	-.96	JUN 02	.41	JUL 17	1.96	SEP 29	.77		



403845073475702. Local number, Q3115.1

LOCATION.--Lat 40°38'45", long 73°47'57", Hydrologic Unit 02030202, at John F. Kennedy International Airport, east side of North Service Road, north of intersection with Van Wyck Expressway, westernmost well. Owner: New York Port Authority.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 28 ft, screened 25 to 28 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 10.0 ft above sea level. Measuring point: Top of coupling, 0.36 ft below land-surface datum.

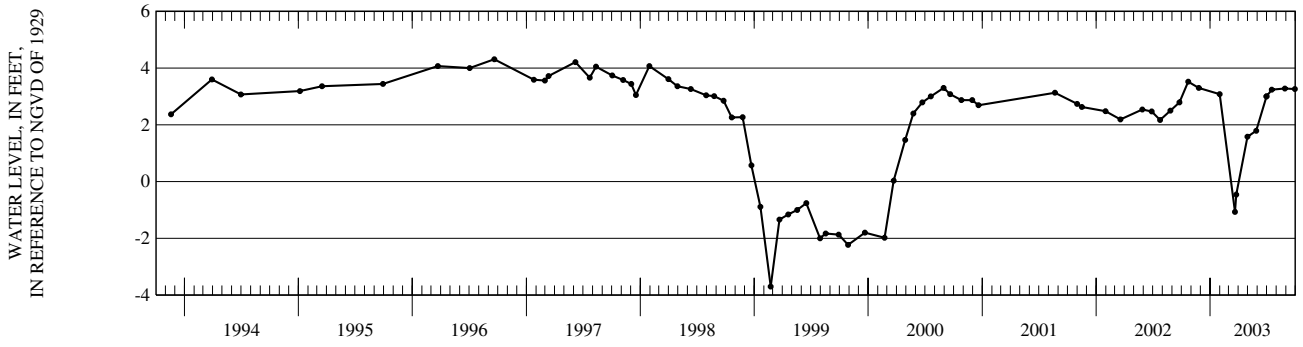
REMARKS.--Water level affected by tidal fluctuation and local dewatering.

PERIOD OF RECORD.--December 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.79 ft above sea level, December 17, 1984; lowest measured, 3.70 ft below sea level, February 22, 1999.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	3.52	JAN 31	3.08	MAR 25	-.46	MAY 28	1.79	JUN 30	3.00	AUG 28	3.28
NOV 25	3.30	MAR 21	-1.07	APR 30	1.58	JUN 30	3.00	JUL 17	3.24	SEP 29	3.26



QUEENS COUNTY—Continued

403939073472802. Local number, Q3117.1

LOCATION.--Lat 40°39'39", long 73°47'28", Hydrologic Unit 02030202, at John F. Kennedy International Airport, east side of North Boundary Road, south of 150th Avenue, southernmost well. Owner: New York Port Authority.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 23 ft, screened 11 to 23 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 12.0 ft above sea level. Measuring point: Top of coupling, 1.00 ft below land-surface datum.

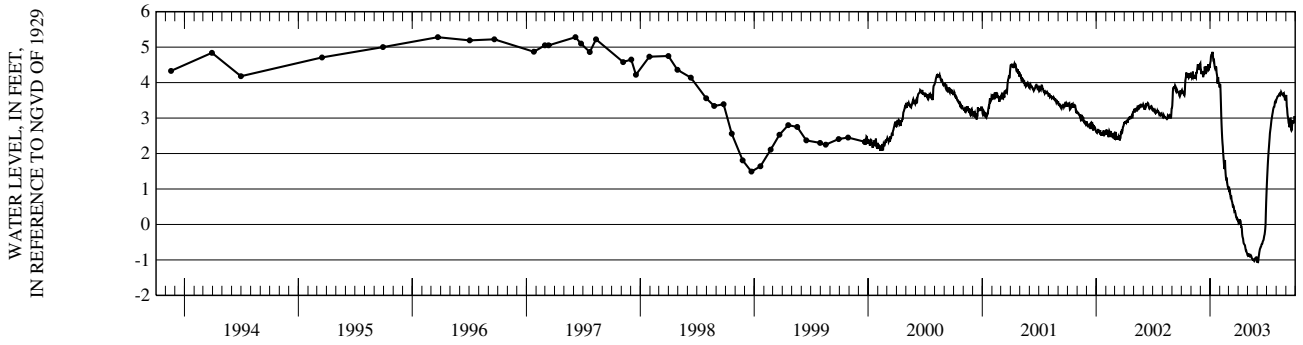
REMARKS.--Water level affected by tidal fluctuation and local dewatering.

PERIOD OF RECORD.--December 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.85 ft above sea level, April 30, 1984; lowest measured, 1.08 ft below sea level, June 3, 2003.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.77	4.15	4.32	4.76	3.07	0.92	0.14	-0.84	-0.91	1.82	3.61	3.14
10	3.64	4.18	4.22	4.68	2.20	0.70	-0.07	-0.89	-0.68	2.44	3.68	2.85
15	4.18	4.16	4.39	4.45	1.56	0.54	-0.37	-0.97	-0.55	2.87	3.69	2.98
20	4.24	4.37	4.45	4.43	1.33	0.38	-0.56	-1.01	-0.45	3.16	3.67	2.79
25	4.15	4.41	4.52	4.06	1.11	0.21	-0.73	-0.97	-0.21	3.32	3.68	2.90
EOM	4.20	4.54	4.51	3.86	1.00	0.11	-0.86	-1.04	0.88	3.49	3.56	3.02
MEAN	4.02	4.28	4.35	4.42	2.01	0.52	-0.35	-0.94	-0.47	2.72	3.63	2.96
MAX	4.28	4.54	4.52	4.87	3.94	1.06	0.14	-0.84	0.88	3.49	3.73	3.65
MIN	3.64	4.11	4.15	3.86	1.00	0.11	-0.86	-1.04	-1.06	1.09	3.52	2.65



404654073465901. Local number, Q3119.1

LOCATION.--Lat 40°46'54", long 73°46'59", Hydrologic Unit 02030201, at south side of 18th Avenue, 44 ft west of 211th Street, Bay Terrace. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven steel observation well, diameter 2 in., depth 40 ft, screened 37 to 40 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 38.2 ft above sea level. Measuring point: Top of coupling, 0.01 ft above land-surface datum.

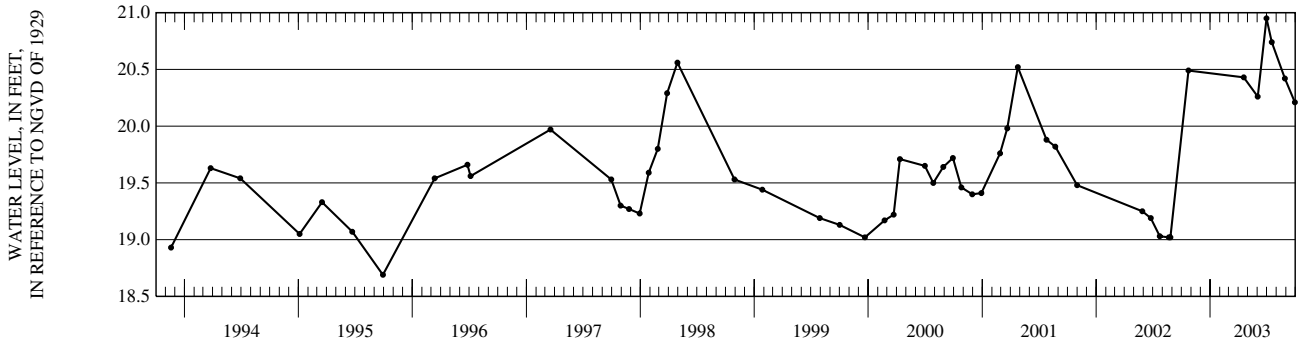
REMARKS.--Water level affected by tidal fluctuation.

PERIOD OF RECORD.--September 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.35 ft above sea level, September 26, 1983; lowest measured, 18.06 ft above sea level, October 4, 1982.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	20.49	JUN 02	20.26	JUL 17	20.74	SEP 29	20.21				
APR 18	20.43	30	20.95	AUG 28	20.42						



QUEENS COUNTY—Continued

404613073545802. Local number, Q3121.2

LOCATION.--Lat 40°46'13", long 73°54'58", Hydrologic Unit 02030201, at north side of Astoria Boulevard, 60 ft east of 33rd Street, Astoria. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 50 ft, screened 38.8 to 48.8 ft.

INSTRUMENTATION.--Measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Land-surface datum is 47.0 ft above sea level. Measuring point: Top of casing, 0.17 ft below land-surface datum.

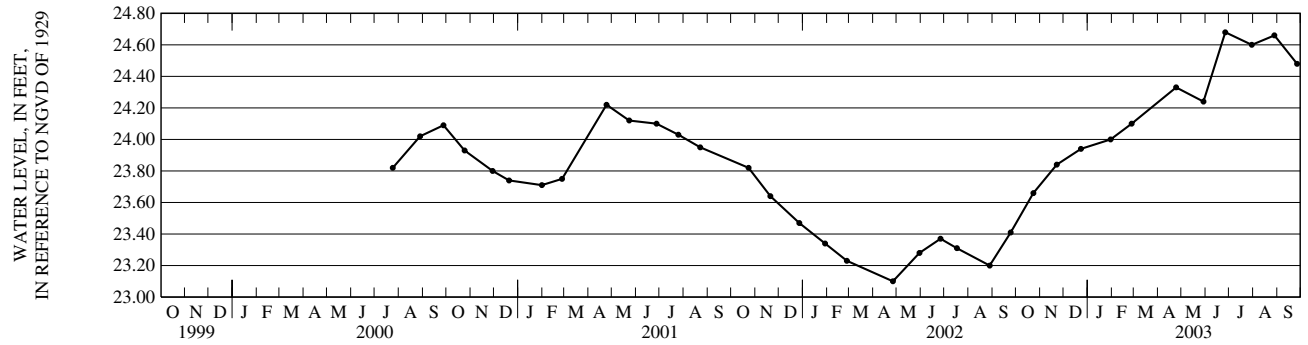
REMARKS.--Replaced well Q3121.1 in June 2000 near same location.

PERIOD OF RECORD.--July 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.68 ft above sea level, June 26, 2003; lowest measured, 23.10 ft above sea level, April 26, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	23.66	DEC 23	23.94	FEB 26	24.10	MAY 29	24.24	JUL 30	24.60	SEP 26	24.48
NOV 22	23.84	JAN 30	24.00	APR 24	24.33	JUN 26	24.68	AUG 28	24.66		



404510073560402. Local number, Q3122.2

LOCATION.--Lat 40°45'10", long 73°56'04", Hydrologic Unit 02030201, at west side of 30th Street, 25 ft south of 39th Avenue, Dutch Kills. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 55 ft, screened 45 to 50 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 43.0 ft above sea level. Measuring point: Top of casing, 0.88 ft below land-surface datum.

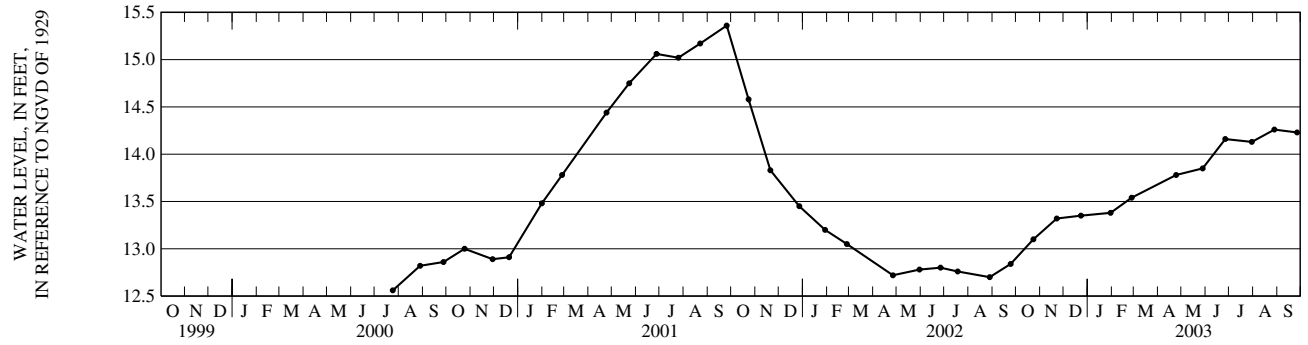
REMARKS.--Replaced well Q3122.1 in June 2000 near same location.

PERIOD OF RECORD.--July 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.36 ft above sea level, September 25, 2001; lowest measured, 12.56 ft above sea level, July 24, 2000.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	13.10	DEC 23	13.35	FEB 26	13.54	MAY 28	13.85	JUL 30	14.13	SEP 26	14.23
NOV 22	13.32	JAN 30	13.38	APR 24	13.78	JUN 26	14.16	AUG 28	14.26		



QUEENS COUNTY—Continued

404112073500901. Local number, Q3160.1

LOCATION.--Lat 40°41'12", long 73°50'09", Hydrologic Unit 02030202, at west side of 108th Street, 196 ft south of 101st Avenue, Woodhaven. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 65 ft, screened 60 to 65 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 45.0 ft above sea level. Measuring point: Top of coupling, 0.22 ft below land-surface datum.

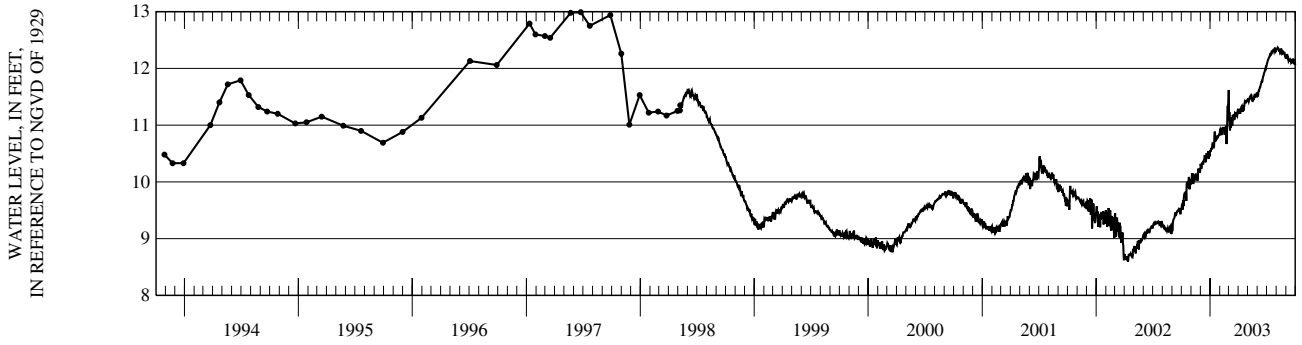
PERIOD OF RECORD.--March 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.99 ft above sea level, June 23, 1997; lowest measured, 6.08 ft above sea level, March 2, 1984.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	9.51	10.15	10.32	10.57	10.85	10.91	11.29	11.44	11.61	12.15	12.37	12.22
10	9.79	10.05	10.36	10.65	10.97	11.07	11.30	11.50	11.67	12.21	12.32	12.14
15	9.81	10.13	10.42	10.89	10.88	11.12	11.31	11.44	11.77	12.26	12.30	12.16
20	9.92	10.11	10.51	10.78	10.98	11.15	11.35	11.48	11.86	12.30	12.26	12.12
25	10.07	10.17	10.54	10.78	11.33	11.20	11.41	11.51	11.96	12.30	12.27	12.12
EOM	10.0	10.23	10.52	10.86	11.39	11.25	11.41	11.57	12.05	12.31	12.17	12.06
MEAN	9.83	10.10	10.40	10.72	10.97	11.14	11.33	11.49	11.78	12.25	12.29	12.15
MAX	10.09	10.23	10.54	10.89	11.39	11.62	11.45	11.57	12.05	12.36	12.37	12.25
MIN	9.51	9.96	10.25	10.54	10.67	10.91	11.20	11.42	11.51	12.07	12.17	12.06

WTR YR 2003 MEAN 11.20 MAX 12.37 MIN 9.51



QUEENS COUNTY—Continued

404119073463602. Local number, Q3162.2

LOCATION.--Lat 40°41'19", long 73°46'36", Hydrologic Unit 02030202, at 173rd Street and 116th Avenue, Springfield. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 40 ft, screened 30 to 35 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 27.0 ft above sea level. Measuring point: Top of coupling, 0.12 ft below land-surface datum.

REMARKS.--Replaced well Q3162.1 in October 2000 near same location.

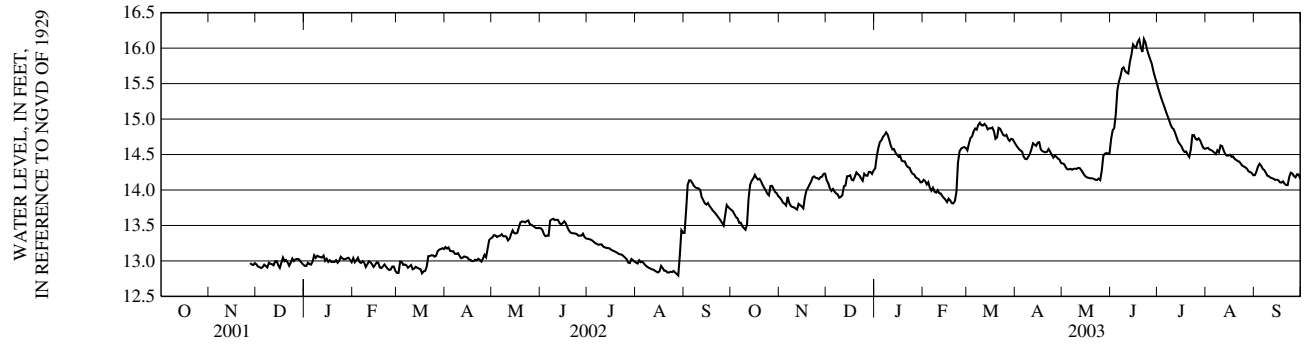
PERIOD OF RECORD.--October 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.14 ft above sea level, June 18, 19, and 22, 2003; lowest measured, 12.79 ft above sea level, August 28, 2002.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	13.60	13.78	14.01	14.70	14.03	14.83	14.54	14.29	15.41	15.18	14.55	14.34
10	13.44	13.76	13.90	14.71	14.00	14.91	14.51	14.30	15.68	14.88	14.63	14.19
15	14.16	13.77	14.20	14.50	13.86	14.87	14.67	14.21	16.05	14.65	14.49	14.15
20	14.12	14.08	14.25	14.40	13.81	14.74	14.53	14.16	16.01	14.50	14.43	14.09
25	13.92	14.17	14.23	14.23	14.58	14.76	14.46	14.14	15.91	14.72	14.33	14.23
EOM	13.91	14.23	14.28	14.11	14.59	14.68	14.38	14.52	15.52	14.58	14.21	14.16
MEAN	13.88	13.95	14.12	14.45	14.08	14.80	14.54	14.29	15.70	14.81	14.45	14.20
MAX	14.21	14.23	14.28	14.81	14.61	14.95	14.67	14.52	16.13	15.44	14.63	14.37
MIN	13.44	13.72	13.89	14.11	13.81	14.56	14.38	14.14	14.72	14.46	14.21	14.07

WTR YR 2003 MEAN 14.44 MAX 16.13 MIN 13.44



QUEENS COUNTY—Continued

404226073303201. Local number, Q3163.1

LOCATION.--Lat 40°42'26", long 73°45'33", Hydrologic Unit 02030202, at north side of 109th Avenue, 132 ft west of 200th Street, Saint Albans. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 66 ft, screened 61 to 66 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 50.0 ft above sea level. Measuring point: Top of coupling, 1.06 ft below land-surface datum.

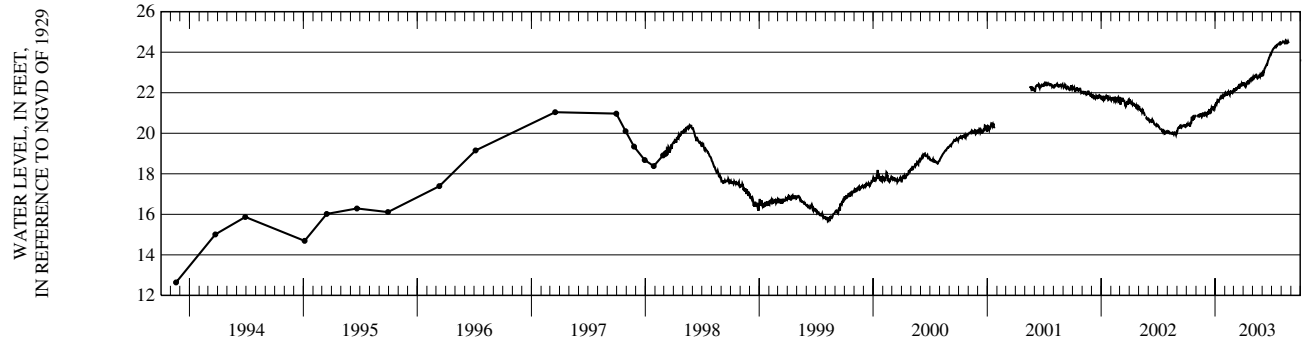
PERIOD OF RECORD.--March 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.57 ft above sea level, August 16, 2003; lowest measured, 5.93 ft below sea level, March 2, 1984.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	20.46	---	20.96	21.44	21.89	22.22	22.45	22.71	22.99	24.15	24.50	---
10	20.44	20.91	21.01	21.62	22.07	22.17	22.42	22.84	23.24	24.24	24.47	---
15	20.50	20.87	21.10	21.68	21.92	22.26	22.55	22.73	23.41	24.29	24.50	---
20	20.61	20.85	21.25	21.80	22.01	22.30	22.57	22.80	23.62	24.37	24.45	---
25	20.72	20.87	21.34	21.78	21.98	22.39	22.71	22.87	23.83	24.40	---	---
EOM	20.87	21.06	21.36	21.90	22.11	22.44	22.67	22.86	23.97	24.42	---	23.60
MEAN	20.60	20.90	21.11	21.68	22.00	22.28	22.53	22.81	23.44	24.30	24.49	---
MAX	20.87	21.06	21.36	21.90	22.11	22.44	22.71	22.94	23.97	24.49	24.56	---
MIN	20.33	20.82	20.85	21.36	21.85	22.09	22.28	22.69	22.81	24.01	24.43	---

WTR YR 2003 MEAN 22.36 MAX 24.56 MIN 20.33



QUEENS COUNTY—Continued

404143073482701. Local number, Q3165.1

LOCATION.--Lat 40°41'43", long 73°48'27", Hydrologic Unit 02030202, at east side of Liverpool Street, 54 ft north of 101st Avenue, Jamaica. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 65 ft, screened 60 to 65 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 41.6 ft above sea level. Measuring point: Top of coupling, 0.59 ft below land-surface datum.

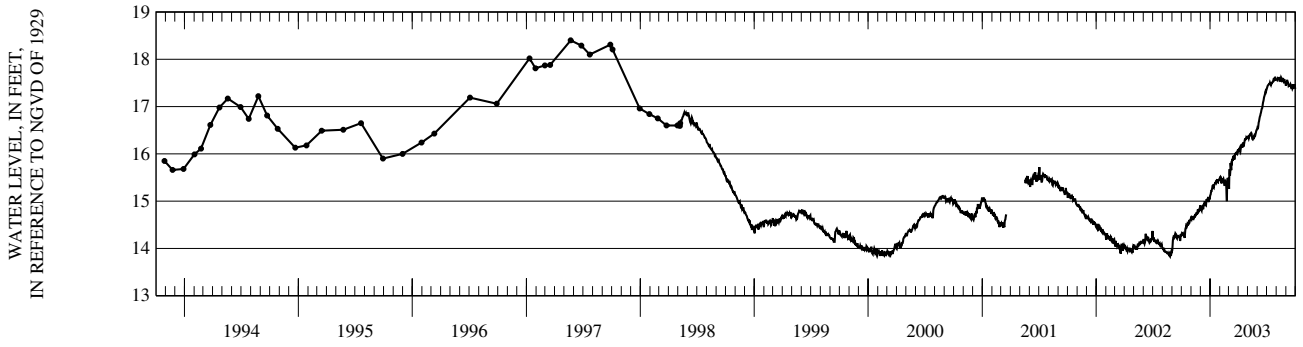
PERIOD OF RECORD.--March 1984 to current year. Unpublished records from March 1984 to September 1987 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.40 ft above sea level, May 22, 1997; lowest measured, 7.28 ft above sea level, March 2, 1984.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	14.32	14.64	14.87	15.21	15.43	15.54	16.12	16.35	16.66	17.45	17.60	17.54
10	14.24	14.67	14.88	15.32	15.49	15.80	16.14	16.41	16.81	17.48	17.59	17.44
15	14.44	14.71	14.97	15.36	15.36	15.90	16.21	16.33	16.96	17.48	17.58	17.47
20	14.52	14.75	15.04	15.43	15.37	15.93	16.24	16.35	17.11	17.52	17.55	17.40
25	14.53	14.78	15.09	15.41	15.47	16.02	16.31	16.39	17.26	17.56	17.56	17.44
EOM	14.65	14.91	15.10	15.47	15.37	16.08	16.32	16.52	17.36	---	17.44	17.37
MEAN	14.43	14.72	14.95	15.35	15.40	15.85	16.20	16.39	16.97	17.50	17.56	17.45
MAX	14.65	14.91	15.10	15.47	15.52	16.08	16.36	16.52	17.36	17.61	17.61	17.57
MIN	14.22	14.62	14.80	15.13	15.00	15.26	16.04	16.30	16.54	17.38	17.44	17.37

WTR YR 2003 MEAN 16.06 MAX 17.61 MIN 14.22



404138073535102. Local number, Q3587.1

LOCATION.--Lat 40°41'38", long 73°53'51", Hydrologic Unit 02030201, at north side of Cabot Road, 66 ft west of Cypress Avenue, westernmost well, Ridgewood. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 175 ft, screened 160 to 170 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

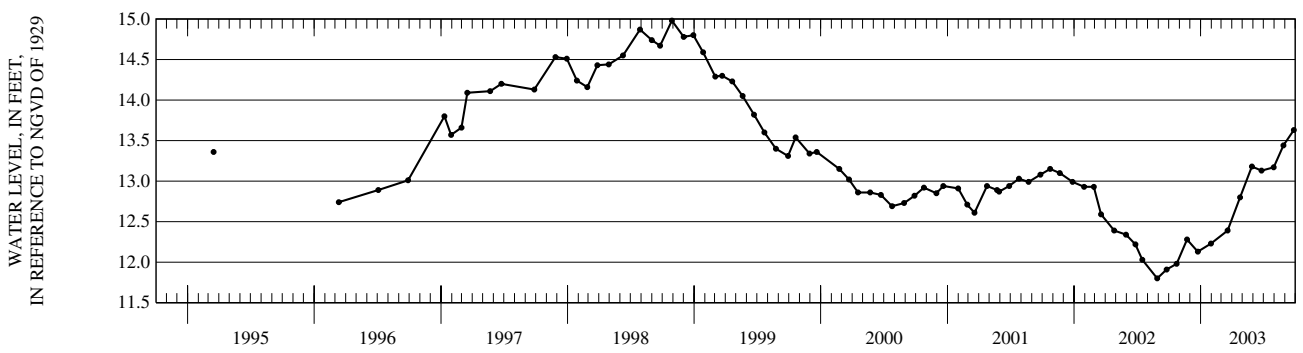
DATUM.--Land-surface datum is 88.1 ft above sea level. Measuring point: Top of casing, 0.07 ft below land-surface datum.

PERIOD OF RECORD.--March 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.98 ft above sea level, October 28, 1998; lowest measured, 11.80 ft above sea level, August 28, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	11.98	DEC 23	12.13	MAR 19	12.39	MAY 28	13.18	JUL 30	13.17	SEP 26	13.63
NOV 22	12.28	JAN 30	12.23	APR 24	12.80	JUN 25	13.13	AUG 27	13.44		



QUEENS COUNTY—Continued

404026073472102. Local number, Q3589.1

LOCATION.--Lat 40°40'26", long 73°47'21", Hydrologic Unit 02030202, at east side of Stuphin Boulevard, 226 ft north of Rockaway Boulevard, Springfield Gardens. Owner: United States Geological Survey.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 320 ft, screened 310 to 320 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 22.0 ft above sea level. Measuring point: Top of casing, 0.54 ft below land-surface datum.

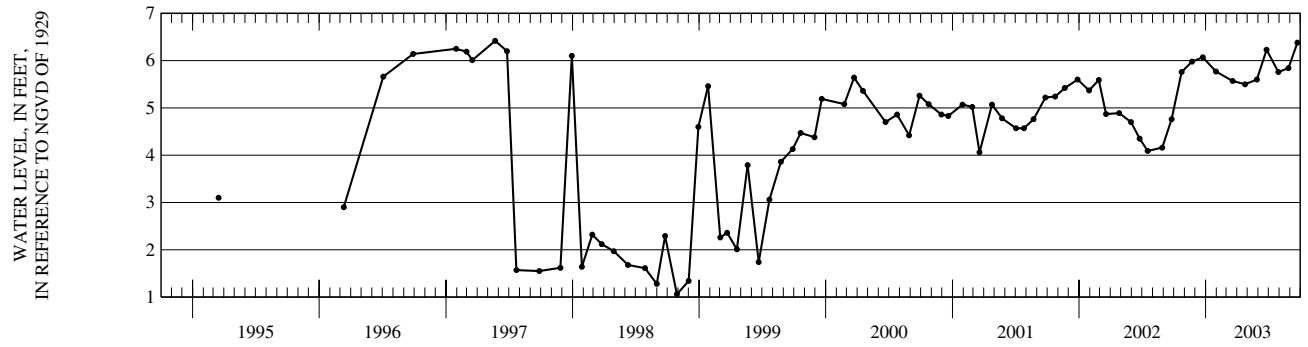
REMARKS.--Water level affected by local dewatering.

PERIOD OF RECORD.--March 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.42 ft above sea level, May 22, 1997; lowest measured, 1.06 ft above sea level, October 28, 1998.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	5.76	DEC 23	6.07	MAR 19	5.57	MAY 28	5.60	JUL 29	5.76	SEP 22	6.38
NOV 22	5.98	JAN 30	5.77	APR 24	5.50	JUN 25	6.23	AUG 27	5.84		



404733073482901. Local number, Q3593.1

LOCATION.--Lat 40°47'33", long 73°48'29", Hydrologic Unit 02030201, at north side of 11th Avenue, 82 ft west of 154th Street, Whitestone. Owner: United States Geological Survey.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 215 ft, screened 165 to 185 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 20.8 ft above sea level. Measuring point: Top of casing, 0.04 ft below land-surface datum.

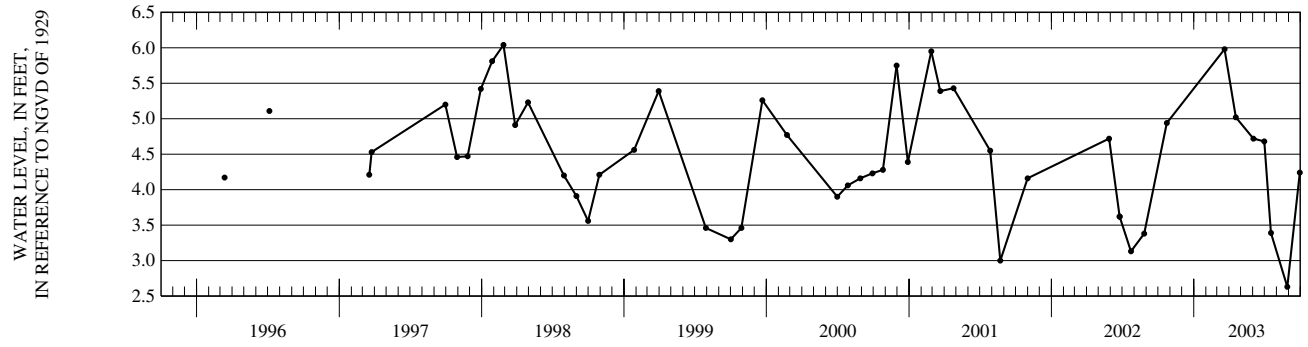
REMARKS.--Water level affected by tidal fluctuation.

PERIOD OF RECORD.--March 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.04 ft above sea level, February 25, 1998; lowest measured, 2.63 ft above sea level, August 28, 2003.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	4.94	APR 18	5.02	JUN 30	4.68	AUG 28	2.63				
MAR 20	5.98	JUN 02	4.72	JUL 17	3.39	SEP 29	4.24				



QUEENS COUNTY—Continued

404239073493001. Local number, Q3627.1

LOCATION.--Lat 40°42'39", long 73°49'30", Hydrologic Unit 02030202, at eastern side of Maple Grove Cemetery, 300 ft south of maintenance building, southernmost well, Kew Gardens. Owner: United States Geological Survey.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 510 ft, screened 480 to 500 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

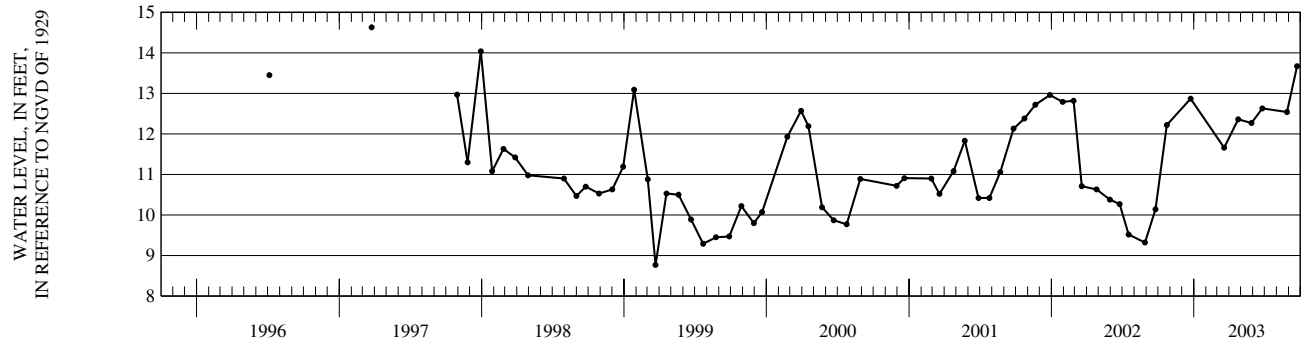
DATUM.--Land-surface datum is 82.9 ft above sea level. Measuring point: Top of casing, 0.03 ft below land-surface datum.

PERIOD OF RECORD.--July 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.63 ft above sea level, March 24, 1997; lowest measured, 8.77 ft above sea level, March 22, 1999.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	12.22	MAR 19	11.66	MAY 28	12.27	AUG 27	12.54				
DEC 23	12.87	APR 24	12.36	JUN 25	12.63	SEP 22	13.67				



404239073492901. Local number, Q3628.1

LOCATION.--Lat 40°42'39", long 73°49'29", Hydrologic Unit 02030202, at eastern side of Maple Grove Cemetery, 300 ft south of maintenance building, middle well, Kew Gardens. Owner: United States Geological Survey.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 340 ft, screened 310 to 340 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

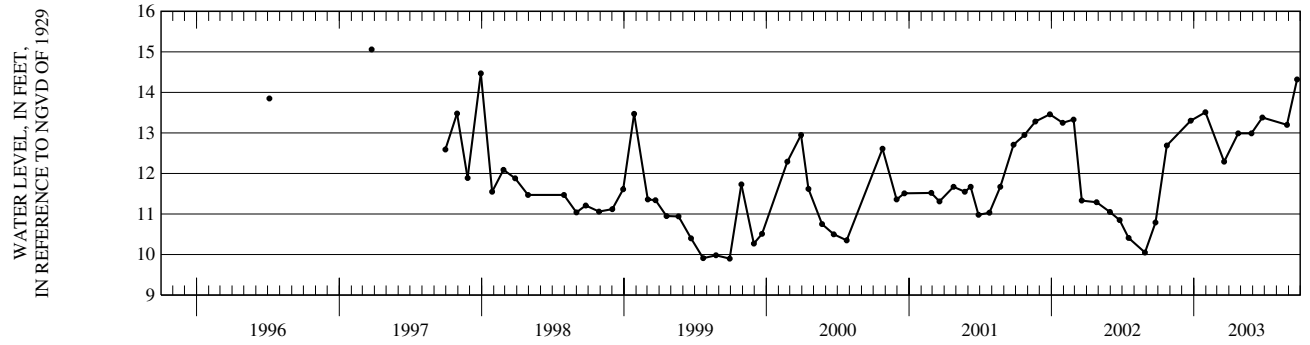
DATUM.--Land-surface datum is 82.7 ft above sea level. Measuring point: Top of casing, 0.05 ft below land-surface datum.

PERIOD OF RECORD.--July 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.06 ft above sea level, March 24, 1997; lowest measured, 9.90 ft above sea level, September 28, 1999.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	12.69	JAN 30	13.51	APR 24	12.99	JUN 25	13.38	SEP 22	14.32		
DEC 23	13.30	MAR 19	12.29	MAY 28	12.99	AUG 27	13.20				



QUEENS COUNTY—Continued

404239073492801. Local number, Q3629.1

LOCATION.--Lat 40°42'39", long 73°49'28', Hydrologic Unit 02030202, at eastern side of Maple Grove Cemetery, 300 ft south of maintenance building, northernmost well, Kew Gardens. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 80 ft, screened 50 to 70 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

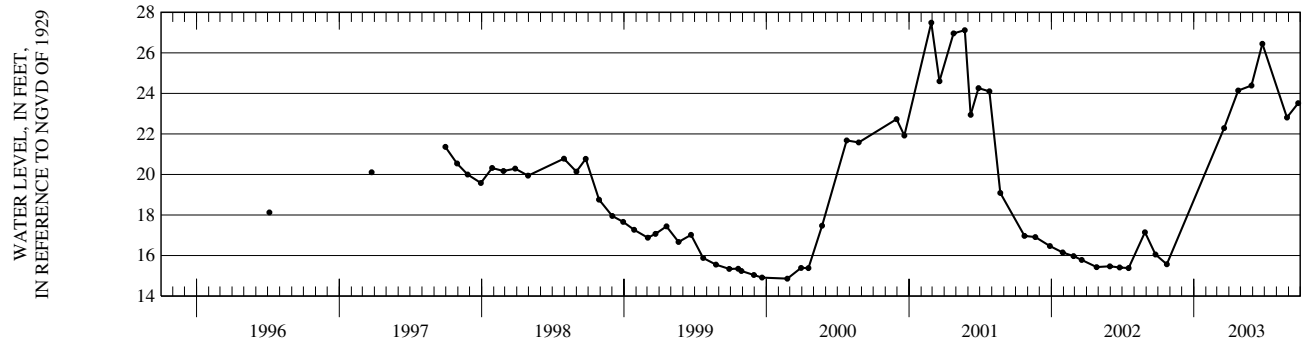
DATUM.--Land-surface datum is 82.8 ft above sea level. Measuring point: Top of casing, 0.06 ft below land-surface datum.

PERIOD OF RECORD.--July 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.49 ft above sea level, February 26, 2001; lowest measured, 14.86 ft above sea level, February 23, 2000.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	15.57	APR 24	24.14	JUN 25	26.45	SEP 25	23.52				
MAR 19	22.29	MAY 28	24.39	AUG 27	22.81						



404538073544001. Local number, Q3644.2

LOCATION.--Lat 40°45'38", long 73°54'40", Hydrologic Unit 02030201, at northwest corner of 30th Road and 46th Street, Astoria. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 65 ft, screen 55 to 65 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 67.5 ft above sea level. Measuring point: Top of casing, 0.48 ft below land-surface datum.

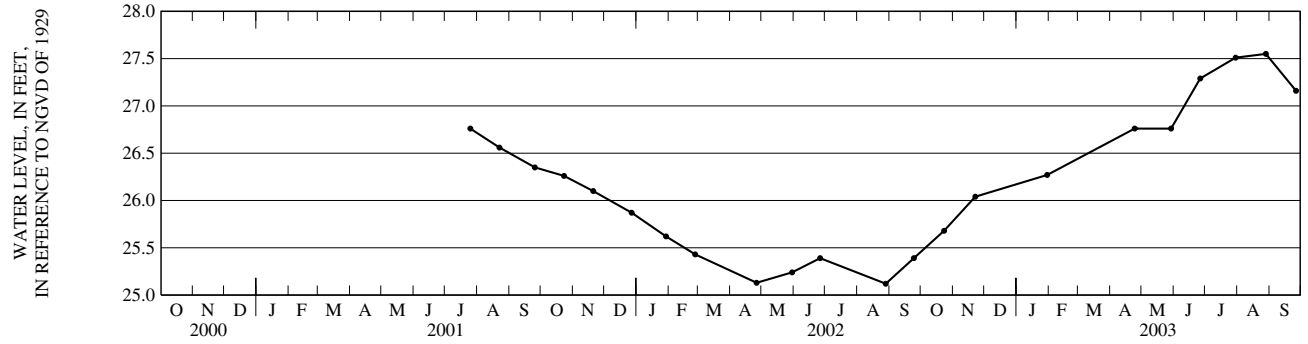
REMARKS.--Replaced well Q3644.1 in July 2001 near same location.

PERIOD OF RECORD.--July 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.55 ft above sea level, August 28, 2003; lowest measured, 25.12 ft above sea level, August 28, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	25.68	JAN 30	26.27	MAY 29	26.76	JUL 30	27.51	SEP 26	27.16		
NOV 22	26.04	APR 24	26.76	JUN 26	27.29	AUG 28	27.55				



QUEENS COUNTY—Continued

404519073532501. Local number, Q3647.1

LOCATION.--Lat 40°45'19", long 73°53'25", Hydrologic Unit 02030201, at east side of 77th Street, 300 ft north of Northern Boulevard, Jackson Heights. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 1 in., depth 35 ft, screened 30 to 35 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

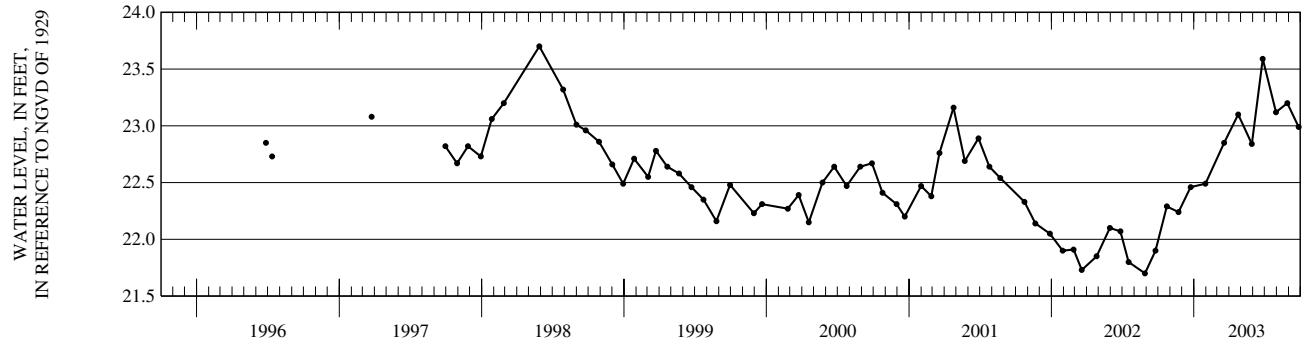
DATUM.--Land-surface datum is 42.0 ft above sea level. Measuring point: Top of casing, 0.12 ft below land-surface datum.

PERIOD OF RECORD.--July 1996 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.70 ft above sea level, May 28, 1998; lowest measured, 21.70 ft above sea level, August 28, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	22.29	DEC 23	22.46	MAR 19	22.85	MAY 29	22.84	JUL 30	23.12	SEP 26	22.99
NOV 22	22.24	JAN 30	22.49	APR 24	23.10	JUN 26	23.59	AUG 28	23.20		



404437073535401. Local number, Q3648.1

LOCATION.--Lat 40°44'37", long 73°53'54", Hydrologic Unit 02030201, at east side of 66th Street, 200 ft south of intersection with 67th and 41st Avenue, Woodside. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 90 ft, screened 80 to 85 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

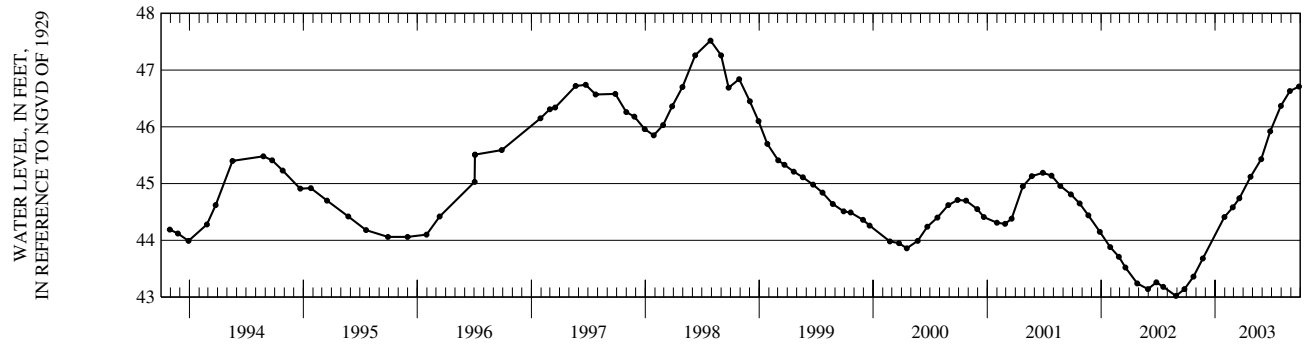
DATUM.--Land-surface datum is 78.1 ft above sea level. Measuring point: Top of coupling, 0.14 ft below land-surface datum.

PERIOD OF RECORD.--April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 47.52 ft above sea level, July 28, 1998; lowest measured, 43.02 ft above sea level, August 28, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	43.36	JAN 30	44.41	MAR 19	44.74	MAY 28	45.43	JUL 30	46.37	SEP 26	46.71
NOV 22	43.68	FEB 26	44.58	APR 24	45.12	JUN 26	45.92	AUG 28	46.63		



QUEENS COUNTY—Continued

404138073535101. Local number, Q3649.1

LOCATION.--Lat 40°41'38", long 73°53'51", Hydrologic Unit 02030201, at north side of Cabot Road, 66 ft west of Cypress Avenue, easternmost well, Ridgewood. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 110 ft, screened 100 to 105 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

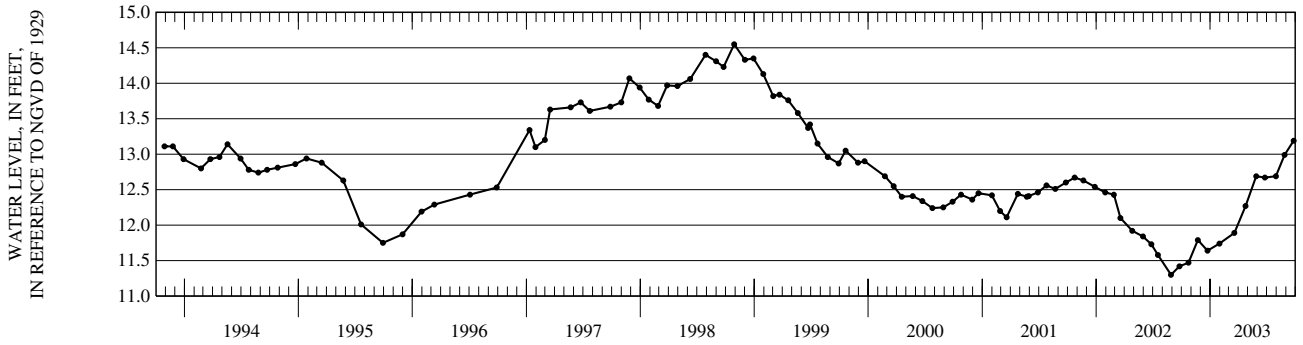
DATUM.--Land-surface datum is 88.4 ft above sea level. Measuring point: Top of casing, 0.28 ft below land-surface datum.

PERIOD OF RECORD.--April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.55 ft above sea level, October 28, 1998; lowest measured, 11.30 ft above sea level, August 28, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	11.47	DEC 23	11.64	MAR 19	11.89	MAY 28	12.69	JUL 30	12.69	SEP 25	13.19
NOV 22	11.79	JAN 30	11.74	APR 24	12.27	JUN 25	12.67	AUG 27	12.99		



404402073520901. Local number, Q3650.1

LOCATION.--Lat 40°44'02", long 73°52'09", Hydrologic Unit 02030201, at north side of Horace Harding Boulevard exit ramp, 150 ft west of 92nd Street, Elmhurst. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 50 ft, screened 40 to 50 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 19.7 ft above sea level. Measuring point: Top of casing, 0.23 ft below land-surface datum.

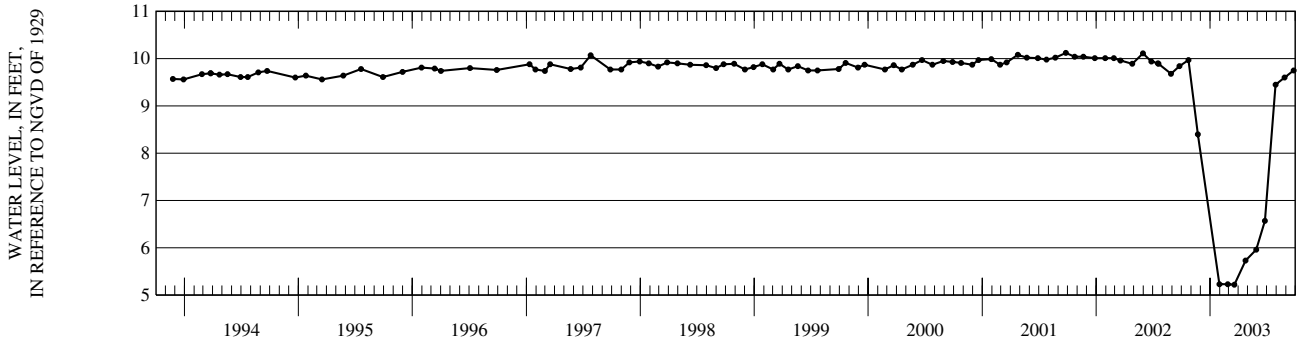
REMARKS.--Water level affected by local dewatering.

PERIOD OF RECORD.--April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.12 ft above sea level, September 25, 2001; lowest measured, 5.22 ft above sea level, March 19, 2003.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	9.97	JAN 30	5.23	MAR 19	5.22	MAY 28	5.96	JUL 29	9.45	SEP 25	9.75
NOV 22	8.40	FEB 26	5.23	APR 24	5.73	JUN 25	6.57	AUG 27	9.60		



QUEENS COUNTY—Continued

404251073512601. Local number, Q3651.1

LOCATION.--Lat 40°42'51", long 73°51'26", Hydrologic Unit 02030201, at south side of Manse Street, 45 ft east of Selfridge Street, Forest Hills. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 80 ft, screened 75 to 80 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 51.3 ft above sea level. Measuring point: Top of coupling, 0.27 ft below land-surface datum.

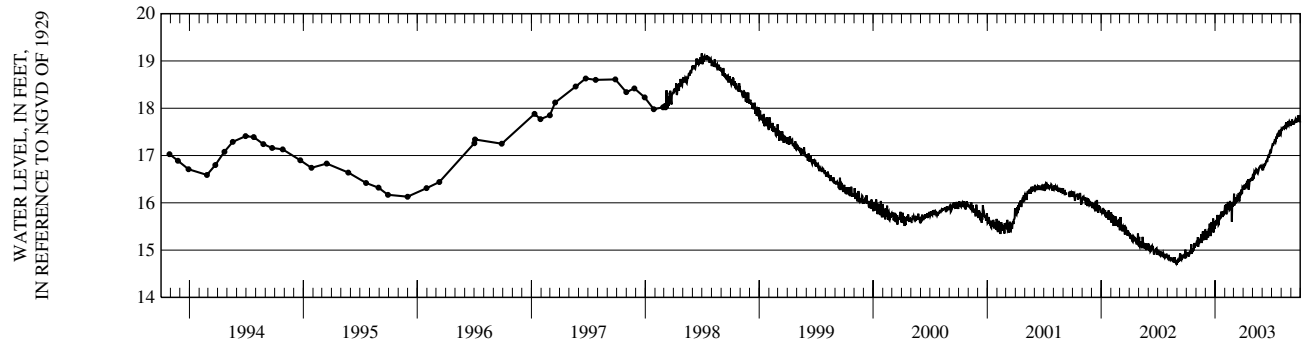
PERIOD OF RECORD.--April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 19.20 ft above sea level, June 30, 1998; lowest measured, 14.66 ft above sea level, August 31, 2002.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	14.93	15.15	15.40	15.55	15.76	16.11	16.36	16.58	16.77	17.23	17.58	17.70
10	14.91	15.22	15.40	15.59	16.02	16.01	16.41	16.66	16.81	17.31	17.61	17.70
15	15.00	15.22	15.39	15.66	15.84	16.12	16.43	16.64	16.89	17.37	17.67	17.76
20	15.00	15.23	15.59	15.76	15.97	16.18	16.40	16.69	17.00	17.42	17.66	17.73
25	15.06	15.25	15.67	15.74	15.95	16.23	16.50	16.78	17.08	17.40	17.70	17.78
EOM	15.11	15.42	15.57	15.87	16.00	16.32	16.47	16.77	17.15	17.51	17.62	17.70
MEAN	14.99	15.23	15.41	15.69	15.91	16.14	16.41	16.68	16.91	17.36	17.63	17.73
MAX	15.15	15.42	15.67	15.87	16.04	16.33	16.52	16.78	17.15	17.54	17.72	17.85
MIN	14.87	15.07	15.21	15.52	15.60	15.94	16.28	16.51	16.69	17.16	17.54	17.65

WTR YR 2003 MEAN 16.34 MAX 17.85 MIN 14.87



404350073494501. Local number, Q3652.1

LOCATION.--Lat 40°43'50", long 73°49'45", Hydrologic Unit 02030201, at north side of 68th Drive, 38 ft west of 138th Street, Flushing. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 90 ft, screened 80 to 85 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

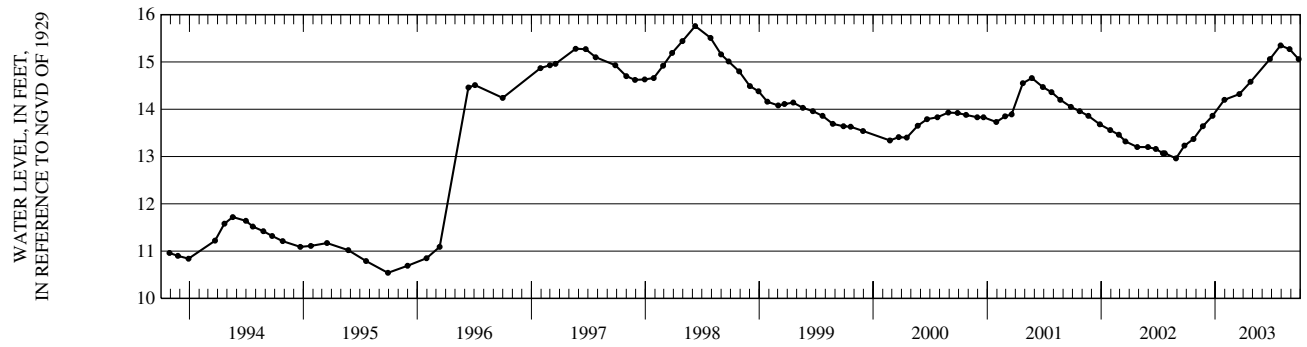
DATUM.--Land-surface datum is 73.0 ft above sea level. Measuring point: Top of casing, 0.30 ft below land-surface datum.

PERIOD OF RECORD.--April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.76 ft above sea level, June 9, 1998; lowest measured, 10.54 ft above sea level, September 28, 1995.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	13.37	DEC 23	13.86	MAR 19	14.32	JUN 25	15.06	AUG 27	15.27		
NOV 22	13.64	JAN 30	14.20	APR 24	14.58	JUL 29	15.35	SEP 25	15.06		



QUEENS COUNTY—Continued

404027073464501. Local number, Q3658.1

LOCATION.--Lat 40°40'27", long 73°46'45", Hydrologic Unit 02030202, at north side of 132nd Avenue, east of 160th Street, Springfield Gardens. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 40 ft, screened 30 to 35 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 18.4 ft above sea level. Measuring point: Top of casing, 0.30 ft below land-surface datum.

REMARKS.--Water level affected by local dewatering.

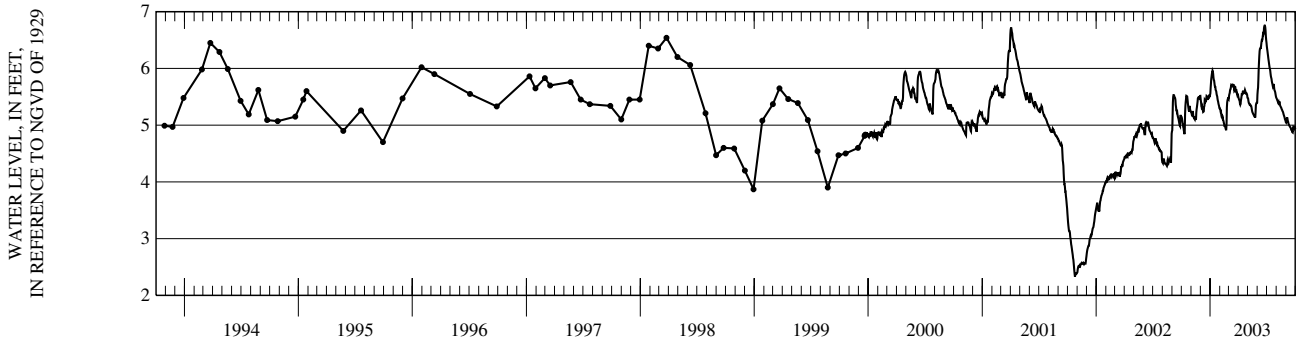
PERIOD OF RECORD.--April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.76 ft above sea level, June 24 and 25, 2003; lowest measured, 2.31 ft above sea level, October 24, 2001.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.02	5.15	5.34	5.86	5.19	5.61	5.43	5.38	5.99	6.22	5.42	5.12
10	4.84	5.13	5.24	5.91	5.13	5.70	5.47	5.34	6.35	6.01	5.42	5.01
15	5.46	5.11	5.43	5.70	5.00	5.70	5.59	5.25	6.50	5.84	5.32	4.96
20	5.45	5.36	5.51	5.59	4.92	5.61	5.58	5.18	6.60	5.69	5.25	4.89
25	5.24	5.48	5.51	5.43	5.44	5.59	5.54	5.13	6.75	5.63	5.17	4.97
EOM	5.23	5.52	5.53	5.29	5.48	5.52	5.48	5.40	6.45	5.49	5.05	4.93
MEAN	5.22	5.28	5.41	5.64	5.16	5.63	5.52	5.30	6.38	5.87	5.29	4.98
MAX	5.52	5.52	5.53	5.96	5.48	5.71	5.62	5.48	6.76	6.39	5.48	5.14
MIN	4.84	5.09	5.23	5.29	4.92	5.47	5.36	5.13	5.54	5.49	5.05	4.87

WTR YR 2003 MEAN 5.48 MAX 6.76 MIN 4.84



QUEENS COUNTY—Continued

404313073475201. Local number, Q3659.1

LOCATION.--Lat 40°43'13", long 73°47'52", Hydrologic Unit 02030201, at south side of intersection of Goethals Avenue and 170th Street, south of western entrance to Saint Johnf's University, Jamaica. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 125 ft, screened 115 to 120 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 91.4 ft above sea level. Measuring point: Top of coupling, 0.28 ft below land-surface datum.

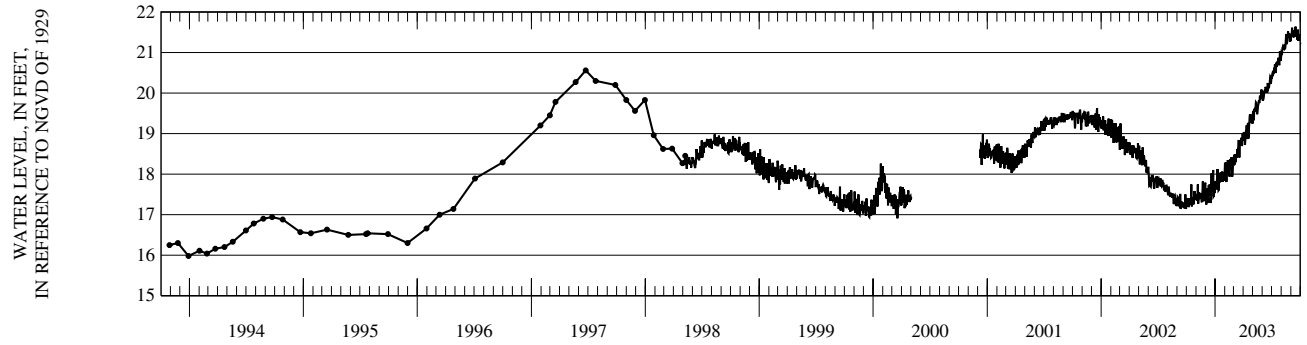
PERIOD OF RECORD.--April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.70 ft above sea level, September 15, 2003; lowest measured, 15.76 ft above sea level, August 23, 1993.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.39	17.43	17.64	17.65	17.83	18.49	19.04	19.45	19.88	20.50	21.13	21.47
10	17.25	17.56	17.61	17.75	18.35	18.40	19.05	19.66	20.01	20.55	21.17	21.50
15	17.37	17.46	17.56	17.82	17.97	18.64	19.24	19.48	20.15	20.66	21.33	21.64
20	17.35	17.43	18.02	18.03	18.20	18.65	19.28	19.80	20.12	20.73	21.32	21.40
25	17.37	17.39	18.10	17.86	17.97	18.79	19.29	19.86	20.32	20.69	21.44	21.37
EOM	17.44	17.79	17.82	18.08	18.34	18.88	19.24	20.05	20.39	20.90	21.28	21.22
MEAN	17.35	17.48	17.58	17.87	18.14	18.61	19.13	19.71	20.11	20.67	21.25	21.45
MAX	17.75	17.82	18.10	18.13	18.42	19.00	19.47	20.09	20.41	21.03	21.52	21.64
MIN	17.19	17.27	17.25	17.60	17.81	18.24	18.72	19.34	19.81	20.39	20.99	21.22

WTR YR 2003 MEAN 19.11 MAX 21.64 MIN 17.19



404450073470301. Local number, Q3660.1

LOCATION.--Lat 40°44'50", long 73°47'03", Hydrologic Unit 02030201, at 53rd Avenue, in center grass median, 49 ft west of 195th Street, Springfield Gardens. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 90 ft, screened 80 to 85 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

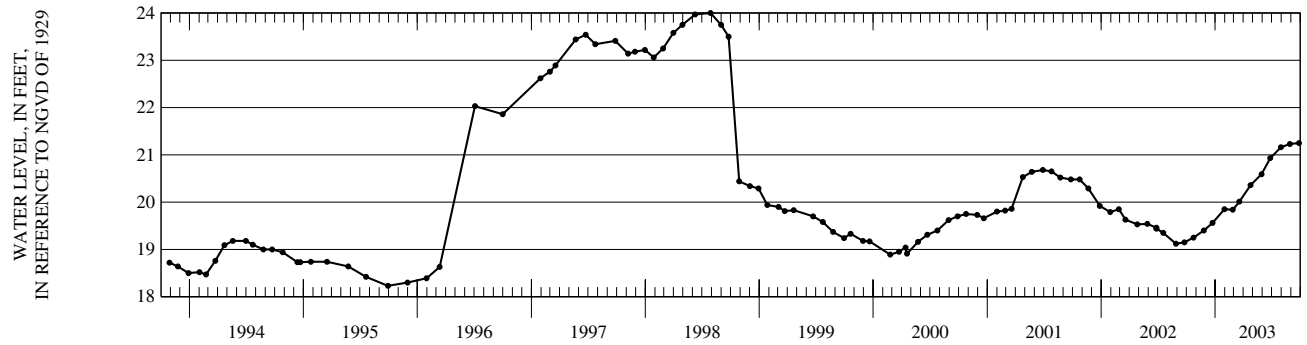
DATUM.--Land-surface datum is 66.0 ft above sea level. Measuring point: Top of coupling, 3.46 ft below land-surface datum.

PERIOD OF RECORD.--April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.00 ft above sea level, July 28, 1998; lowest measured, 18.23 ft above sea level, September 28, 1995.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	19.25	DEC 23	19.56	FEB 26	19.84	APR 24	20.36	JUN 26	20.93	AUG 28	21.23
NOV 25	19.40	JAN 30	19.85	MAR 19	20.01	MAY 29	20.59	JUL 30	21.16	SEP 26	21.25



QUEENS COUNTY—Continued

404357073462001. Local number, Q3661.1

LOCATION.--Lat 40°43'57", long 73°46'20", Hydrologic Unit 02030201, at east side of 199th Street, 250 ft north of Union Turnpike, Fresh Meadows. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 95 ft, screened 85 to 90 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

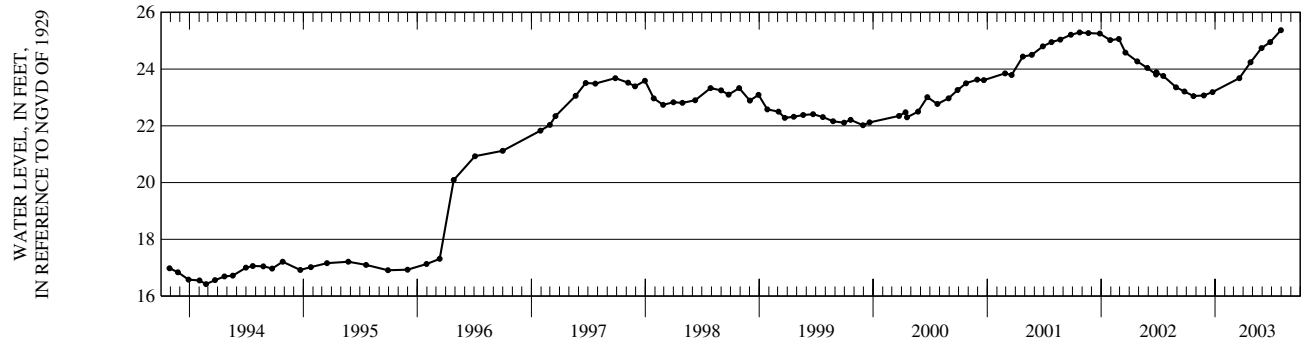
DATUM.--Land-surface datum is 81.0 ft above sea level. Measuring point: Top of casing, 0.50 ft below land-surface datum.

PERIOD OF RECORD.--April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.37 ft above sea level, July 30, 2003; lowest measured, 16.42 ft above sea level, February 22, 1994.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	23.05	DEC 23	23.19	APR 24	24.24	JUN 26	24.95				
NOV 25	23.07	MAR 19	23.68	MAY 29	24.74	JUL 30	25.37				



404459073422401. Local number, Q3804.1

LOCATION.--Lat 40°44'59", long 73°42'24", Hydrologic Unit 02030202, at intersection of Union Turnpike, 78th Avenue, and 268th Street, near center of grass triangle, Glen Oaks. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 155 ft, screened 105 to 115 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

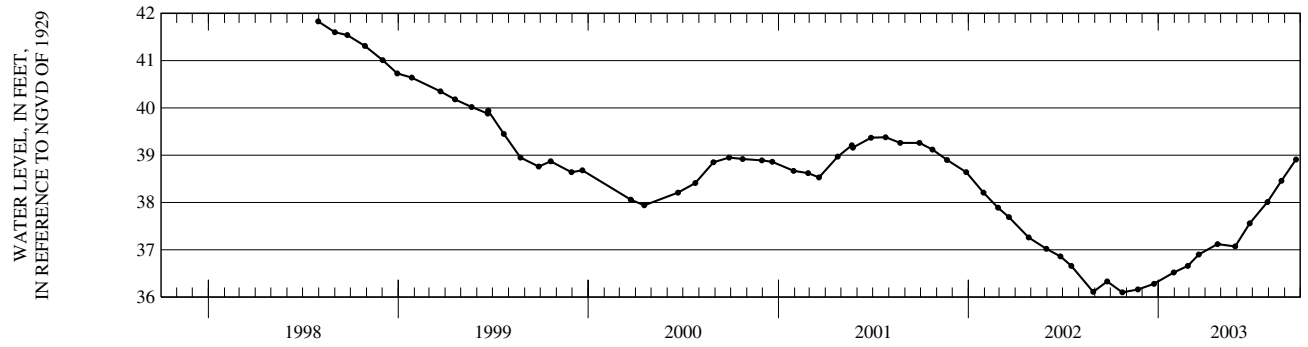
DATUM.--Land-surface datum is 121.0 ft above sea level. Measuring point: Top of casing, 0.54 ft below land-surface datum.

PERIOD OF RECORD.--July 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.83 ft above sea level, July 30, 1998; lowest measured, 36.10 ft above sea level, October 23, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	36.10	DEC 23	36.28	FEB 26	36.66	APR 24	37.12	JUN 25	37.56	AUG 25	38.46
NOV 22	36.16	JAN 30	36.52	MAR 19	36.90	MAY 28	37.07	JUL 29	38.01	SEP 22	38.91



QUEENS COUNTY—Continued

404504073444401. Local number, Q3805.1

LOCATION.--Lat 40°45'04", long 73°44'44", Hydrologic Unit 02030201, at east side of 233rd Street, 128 ft south of West Alley Road, Alley Pond Park. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 115 ft, screened 100 to 110 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

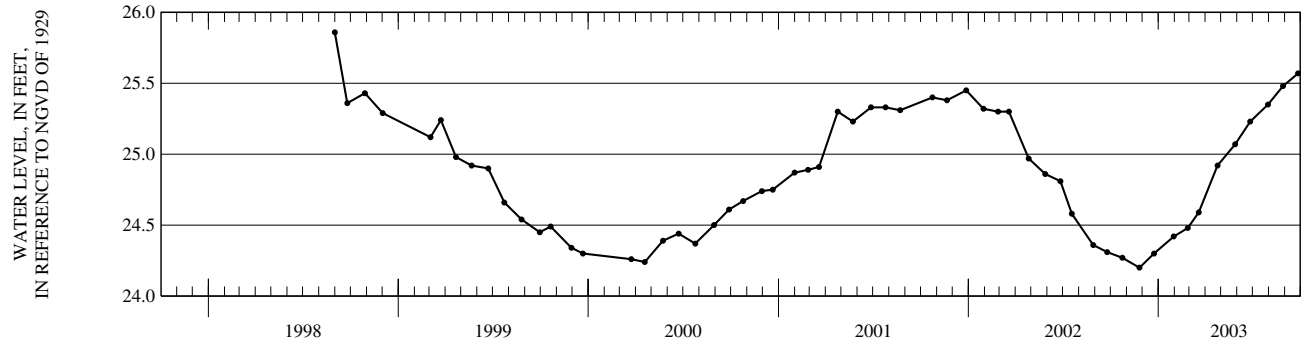
DATUM.--Land-surface datum is 112.0 ft above sea level. Measuring point: Top of casing, 0.27 ft below land-surface datum.

PERIOD OF RECORD.--August 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.86 ft above sea level, August 31, 1998; lowest measured, 24.20 ft above sea level, November 25, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	24.27	DEC 23	24.30	FEB 26	24.48	APR 24	24.92	JUN 26	25.23	AUG 28	25.48
NOV 25	24.20	JAN 30	24.42	MAR 19	24.59	MAY 28	25.07	JUL 30	25.35	SEP 26	25.57



404539073465301. Local number, Q3806.1

LOCATION.--Lat 40°45'39", long 73°46'53", Hydrologic Unit 02030201, at west side of 204th Street, 99 ft north of 42nd Avenue, Auburndale. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 80 ft, screened 70 to 80 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

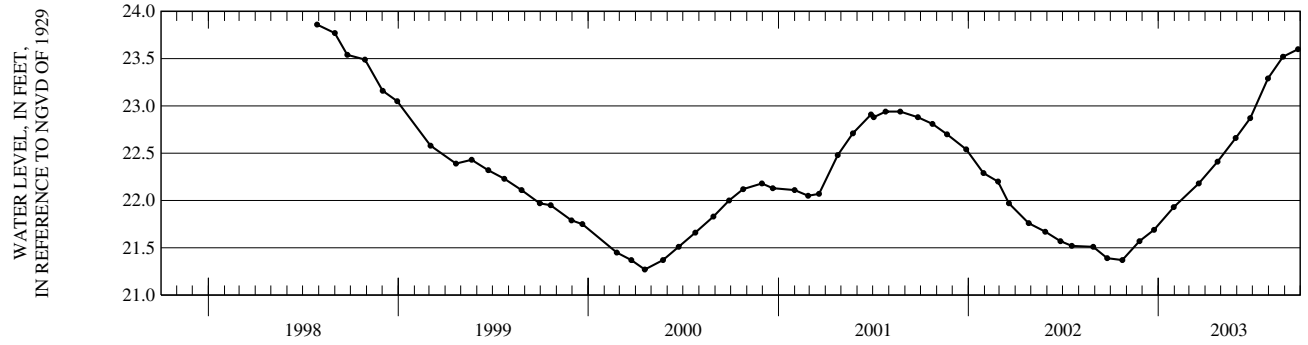
DATUM.--Land-surface datum is 84.0 ft above sea level. Measuring point: Top of casing, 0.14 ft below land-surface datum.

PERIOD OF RECORD.--July 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.86 ft above sea level, July 28, 1998; lowest measured, 21.27 ft above sea level, April 18, 2000.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	21.37	DEC 23	21.69	MAR 19	22.18	MAY 29	22.66	JUL 30	23.29	SEP 26	23.60
NOV 25	21.57	JAN 30	21.93	APR 24	22.41	JUN 26	22.87	AUG 28	23.52		



QUEENS COUNTY—Continued

404152073511302. Local number, Q3807.2

LOCATION.--Lat 40°41'52", long 73°51'13", Hydrologic Unit 02030202, at west side of Woodhaven Boulevard, 25 ft north of Park Lane South, Woodhaven. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 91.3 ft, screened 81.3 to 91.3 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 74.0 ft above sea level. Measuring point: Top of casing, 0.66 ft below land-surface datum.

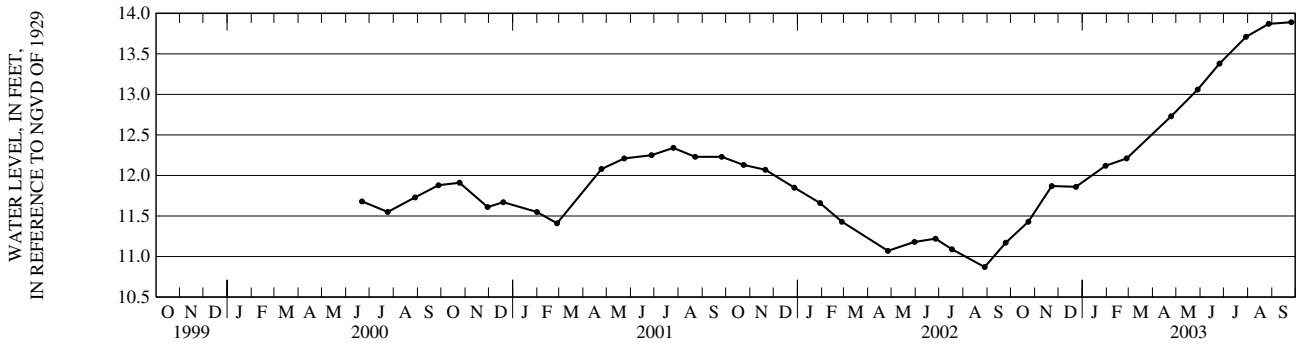
REMARKS.--Replaced well Q3807.1 in June 2000 near same location.

PERIOD OF RECORD.--July 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.89 ft above sea level, September 25, 2003; lowest measured, 10.87 ft above sea level, August 28, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	11.43	DEC 23	11.86	FEB 26	12.21	MAY 28	13.06	JUL 29	13.71	SEP 25	13.89
NOV 22	11.87	JAN 30	12.12	APR 24	12.73	JUN 25	13.38	AUG 27	13.87		



404232073524401. Local number, Q3808.1

LOCATION.--Lat 40°42'32", long 73°52'44", Hydrologic Unit 02030201, at west side of 73rd Place, between Cook Avenue and 69th Avenue, Middle Village. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 115 ft, screened 100 to 110 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

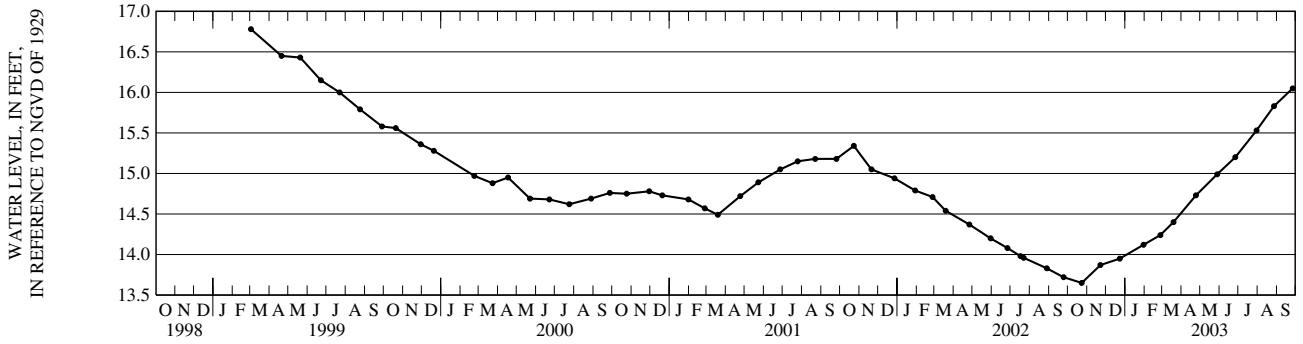
DATUM.--Land-surface datum is 111.0 ft above sea level. Measuring point: Top of casing, 0.52 ft below land-surface datum.

PERIOD OF RECORD.--March 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.78 ft above sea level, March 2, 1999; lowest measured, 13.65 ft above sea level, October 23, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	13.65	DEC 23	13.95	FEB 26	14.24	APR 24	14.73	JUN 26	15.20	AUG 27	15.83
NOV 22	13.87	JAN 30	14.12	MAR 19	14.40	MAY 28	14.99	JUL 30	15.53	SEP 26	16.05



QUEENS COUNTY—Continued

404407073551501. Local number, Q3809.1

LOCATION.--Lat 40°44'07", long 73°55'15", Hydrologic Unit 02030201, at south side of 51th Street, 30 ft east of 46th Street, Maspeth. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 95 ft, screened 80 to 90 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

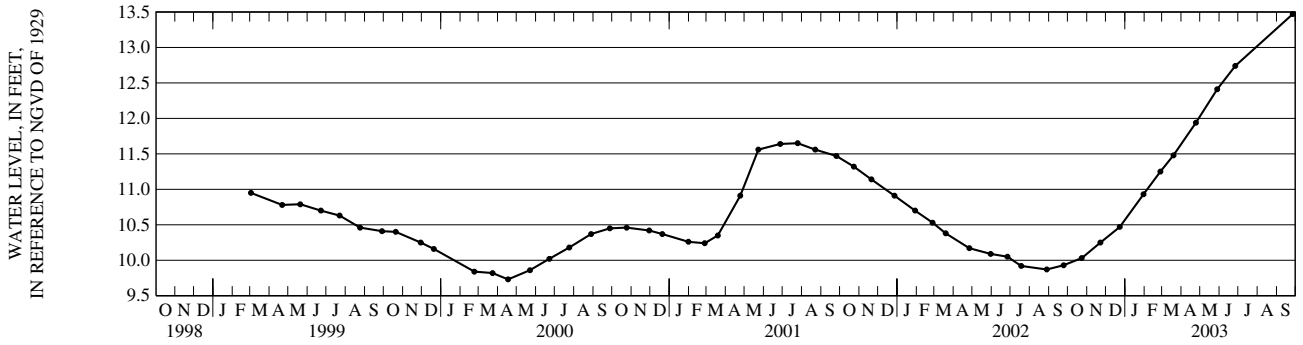
DATUM.--Land-surface datum is 90.5 ft above sea level. Measuring point: Top of casing, 0.40 ft below land-surface datum.

PERIOD OF RECORD.--March 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.47 ft above sea level, September 26, 2003; lowest measured, 9.73 ft above sea level, April 17, 2000.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	10.03	DEC 23	10.47	FEB 26	11.25	APR 24	11.94	JUN 26	12.74		
NOV 22	10.25	JAN 30	10.93	MAR 19	11.48	MAY 28	12.41	SEP 26	13.47		



404411073491601. Local number, Q3810.1

LOCATION.--Lat 40°44'11", long 73°49'16", Hydrologic Unit 02030201, at Queens College of the City University of New York, south of intersection with Reeves Avenue and 150th Street, opposite southwestern corner of tennis courts, Flushing. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 95 ft, screened 70 to 90 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 77.0 ft above sea level. Measuring point: Top of casing, 0.48 ft below land-surface datum.

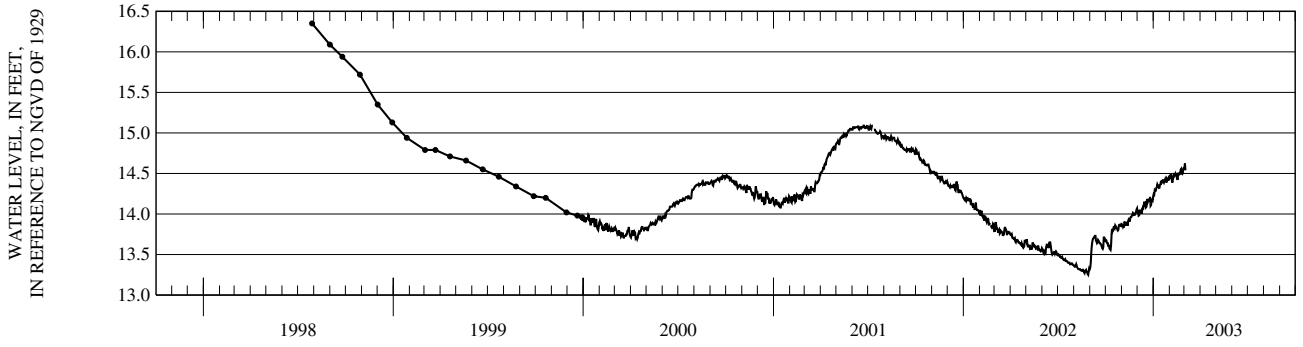
PERIOD OF RECORD.--July 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.35 ft above sea level, July 28, 1998; lowest measured, 13.24 ft above sea level, August 28, 2002.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	13.64	13.85	14.04	14.29	14.41	---	---	---	---	---	---	---
10	13.56	13.89	14.06	14.34	14.51	---	---	---	---	---	---	---
15	13.80	13.93	14.12	14.41	14.44	---	---	---	---	---	---	---
20	13.85	13.98	14.19	14.42	14.49	---	---	---	---	---	---	---
25	13.80	13.99	14.21	14.40	14.49	---	---	---	---	---	---	---
EOM	13.86	14.07	14.22	14.45	14.57	---	---	---	---	---	---	---
MEAN	13.76	13.94	14.10	14.37	14.48	---	---	---	---	---	---	---
MAX	13.87	14.07	14.22	14.45	14.57	---	---	---	---	---	---	---
MIN	13.56	13.84	13.98	14.24	14.39	---	---	---	---	---	---	---

WTR YR 2003 MEAN 14.13 MAX 14.62 MIN 13.56



QUEENS COUNTY—Continued

404147073475301. Local number, Q3811.1

LOCATION.--Lat 40°41'47", long 73°47'50", Hydrologic Unit 02030202, at east side of 157th Street, 75 ft north of 107th Avenue, Jamaica. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 45 ft, screened 35 to 40 ft.

INSTRUMENTATION.--Digital water-level recorder.

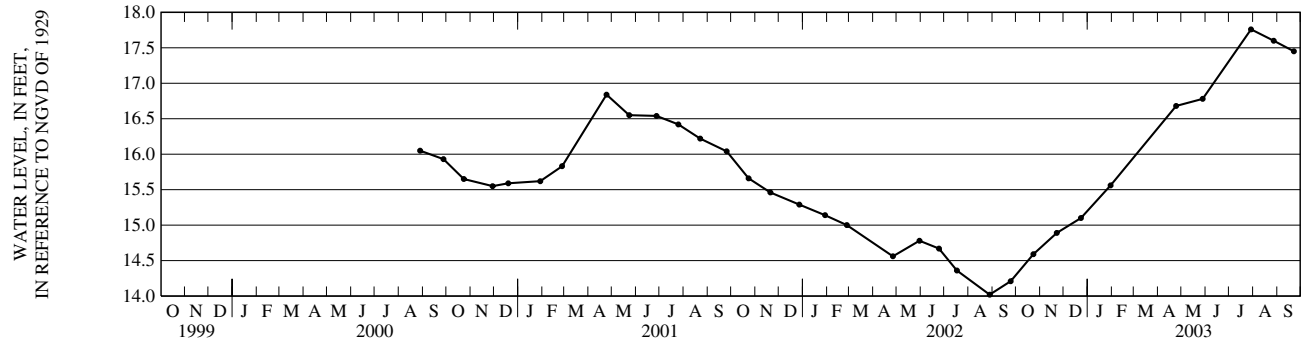
DATUM.--Land-surface datum is 37.0 ft above sea level. Measuring point: Top of casing, 0.02 ft below land-surface datum.

PERIOD OF RECORD.--July 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.76 ft above sea level, July 29, 2003; lowest measured, 14.02 ft above sea level, August 28, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	14.59	DEC 23	15.10	APR 24	16.68	JUL 29	17.76	SEP 22	17.45		
NOV 22	14.89	JAN 30	15.56	MAY 28	16.78	AUG 27	17.60				



404509073485301. Local number, Q3812.1

LOCATION.--Lat 40°45'09", long 73°48'53", Hydrologic Unit 02030201, at south side of Jasmine Avenue, 40 ft east of Burling Street, Flushing. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 55 ft, screened 45 to 50 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

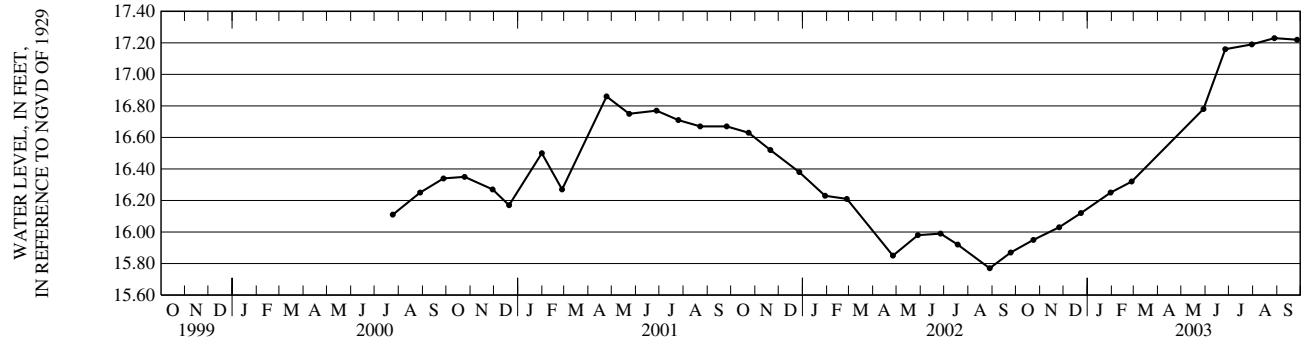
DATUM.--Land-surface datum is 49.0 ft above sea level. Measuring point: Top of casing, 0.23 ft below land-surface datum.

PERIOD OF RECORD.--July 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.23 ft above sea level, August 28, 2003; lowest measured, 15.77 ft above sea level, August 28, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	15.95	DEC 23	16.12	FEB 26	16.32	JUN 26	17.16	AUG 28	17.23		
NOV 25	16.03	JAN 30	16.25	MAY 29	16.78	JUL 30	17.19	SEP 26	17.22		



QUEENS COUNTY—Continued

404233073471301. Local number, Q3813.1

LOCATION.--Lat 40°42'33", long 73°47'13", Hydrologic Unit 02030201, at south side of 91th Avenue, 50 ft west of 175th Street, Jamaica. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 75 ft, screened 70 to 75 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 58.9 ft above sea level. Measuring point: Top of casing, 0.49 ft below land-surface datum.

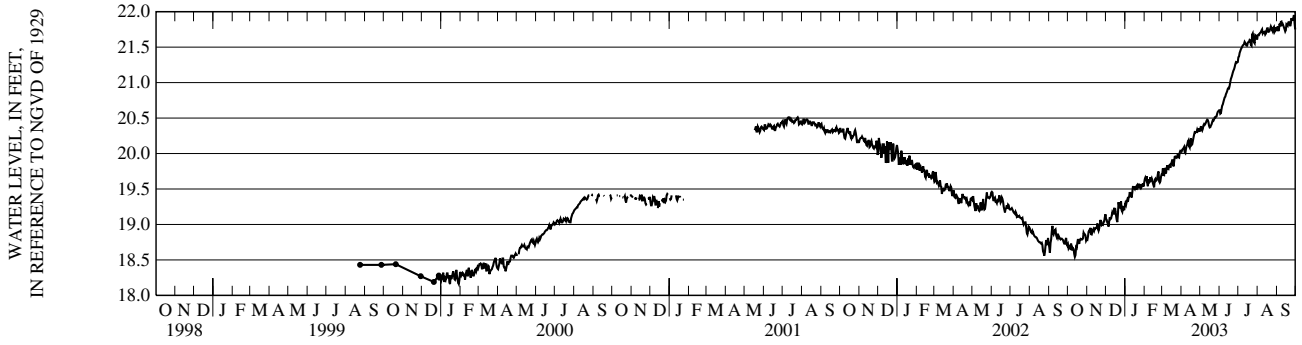
PERIOD OF RECORD.--August 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.98 ft above sea level, September 29, 2003; lowest measured, 18.14 ft above sea level, January 15 and 29, 2000.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	18.65	18.90	18.97	19.32	19.58	19.80	20.09	20.35	20.67	21.47	21.70	21.83
10	18.65	18.93	19.12	19.42	19.67	19.78	20.12	20.44	20.80	21.54	21.71	21.82
15	18.67	18.95	19.18	19.51	19.55	19.84	20.18	20.39	20.92	21.52	21.73	21.74
20	18.78	18.95	19.15	19.56	19.62	19.88	20.22	20.44	21.08	21.59	21.73	21.85
25	18.81	19.00	19.32	19.51	19.59	19.96	20.30	20.50	21.22	21.62	21.72	21.88
EOM	18.79	19.14	19.26	19.58	19.70	20.04	20.31	20.61	21.29	21.61	21.73	21.75
MEAN	18.73	18.95	19.15	19.47	19.63	19.86	20.18	20.45	20.95	21.55	21.73	21.82
MAX	18.88	19.14	19.32	19.58	19.75	20.04	20.36	20.61	21.29	21.69	21.79	21.95
MIN	18.54	18.78	18.97	19.28	19.52	19.69	20.01	20.32	20.56	21.36	21.67	21.72

WTR YR 2003 MEAN 20.21 MAX 21.95 MIN 18.54



404337073540301. Local number, Q3814.1

LOCATION.--Lat 40°43'37", long 73°54'03", Hydrologic Unit 02030201, at north side of 55th Avenue, 50 ft west of 65th Place, Maspeth. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 24 ft, screened 14 to 24 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

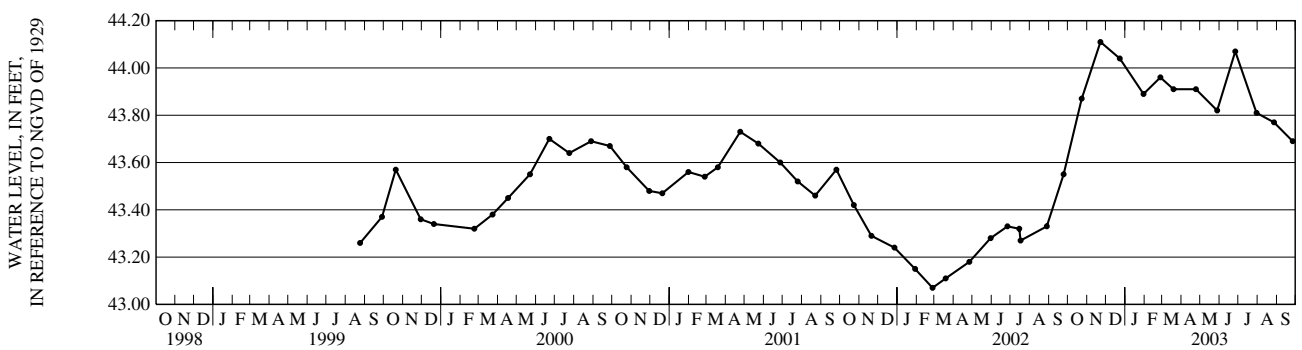
DATUM.--Land-surface datum is 53.7 ft above sea level. Measuring point: Top of casing, 0.06 ft below land-surface datum.

PERIOD OF RECORD.--August 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 44.11 ft above sea level, November 22, 2002; lowest measured, 43.07 ft above sea level, February 26, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	43.87	DEC 23	44.04	FEB 26	43.96	APR 24	43.91	JUN 26	44.07	AUG 27	43.77
NOV 22	44.11	JAN 30	43.89	MAR 19	43.91	MAY 28	43.82	JUL 30	43.81	SEP 26	43.69



QUEENS COUNTY—Continued

404617073483201. Local number, Q3815.1

LOCATION.--Lat 40°46'17", long 73°48'32", Hydrologic Unit 02030201, at south side of 29th Avenue, south of intersection with 156th Court, at north side of Bowne Park, Flushing. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 90 ft, screened 80 to 85 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

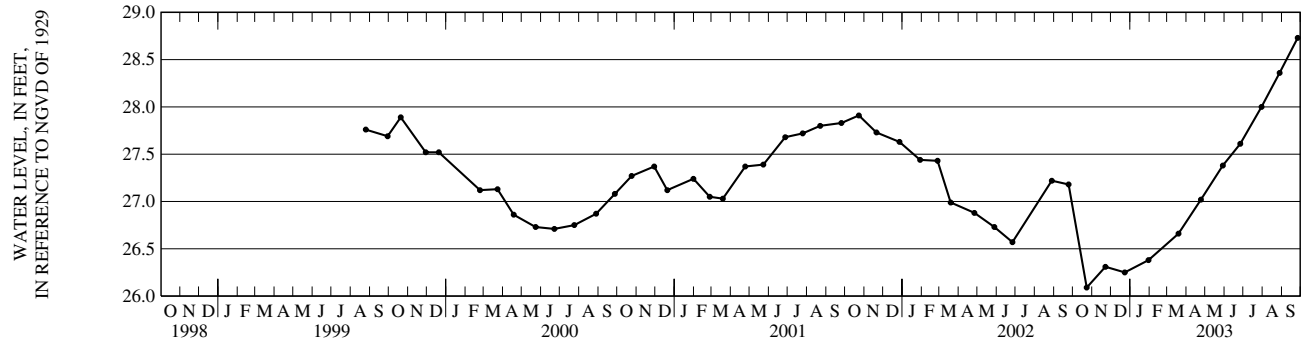
DATUM.--Land-surface datum is 91.0 ft above sea level. Measuring point: Top of casing, 0.08 ft below land-surface datum.

PERIOD OF RECORD.--August 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.73 ft above sea level, September 26, 2003; lowest measured, 26.09 ft above sea level, October 23, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	26.09	DEC 23	26.25	MAR 19	26.66	MAY 29	27.38	JUL 30	28.00	SEP 26	28.73
NOV 22	26.31	JAN 30	26.38	APR 24	27.02	JUN 26	27.61	AUG 28	28.36		



404653073485301. Local number, Q3816.1

LOCATION.--Lat 40°46'53", long 73°48'53", Hydrologic Unit 02030201, at north side of 18th Avenue, 20 ft east of 150th Street, Whitestone. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 60 ft, screened 50 to 60 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

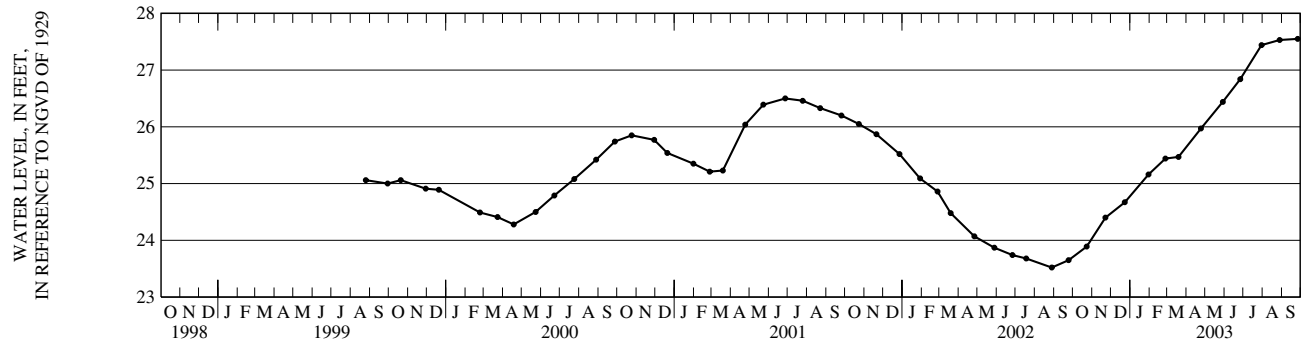
DATUM.--Land-surface datum is 51.6 ft above sea level. Measuring point: Top of casing, 0.16 ft below land-surface datum.

PERIOD OF RECORD.--August 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.55 ft above sea level, September 26, 2003; lowest measured, 23.52 ft above sea level, August 28, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	23.89	DEC 23	24.67	FEB 26	25.44	APR 24	25.97	JUN 26	26.84	AUG 28	27.53
NOV 22	24.40	JAN 30	25.16	MAR 19	25.47	MAY 29	26.44	JUL 30	27.44	SEP 26	27.55



SUFFOLK COUNTY

404213073201004. Local number, S1803.4

LOCATION.--Lat 40°42'13", long 73°20'10", Hydrologic Unit 02030202, at north side of State Route 109, west of Little East Neck Road, on grass median, Babylon. Owner: New York State Department of Transportation.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven PVC observation well, diameter 1 $\frac{1}{4}$ in., depth 19 ft, screened 16 to 19 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 23.7 ft above sea level. Measuring point: Top of casing, 0.20 ft below land-surface datum.

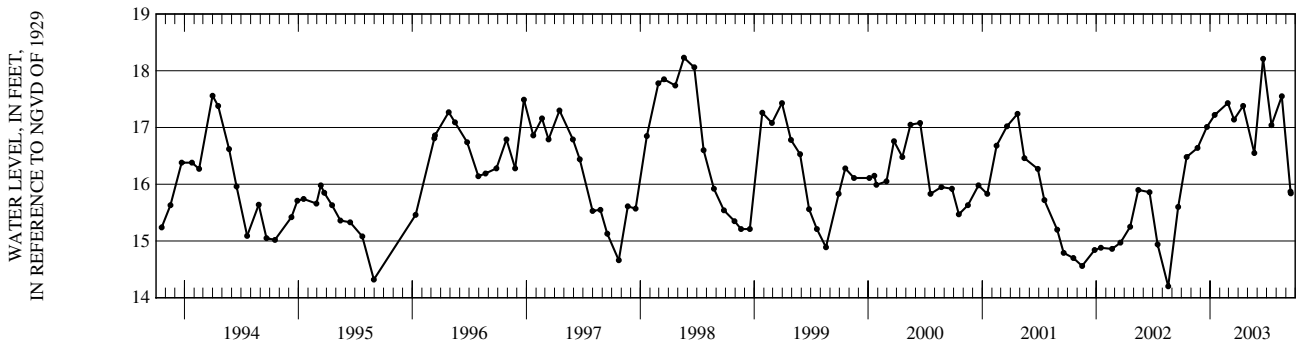
REMARKS.--Replaced well S1803.3 in November 1975 near same location. Unpublished records from October 1912 to November 1914, August and September 1932, and June 1936 to September 1975, for wells S1803.1 to S1803.3 are available in files of the Long Island Subdistrict Office.

PERIOD OF RECORD.--November 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.87 ft above sea level, May 23, 1983; lowest measured, 13.06 ft above sea level, July 26, 1976.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	16.48	JAN 15	17.22	APR 16	17.38	JUL 16	17.04	SEP 16	15.84		
NOV 21	16.64	FEB 26	17.43	MAY 22	16.55	AUG 18	17.55				
DEC 21	17.01	MAR 18	17.14	JUN 19	18.21	SEP 15	15.87				



404301073240904. Local number, S1805.4

LOCATION.--Lat 40°43'01", long 73°24'09", Hydrologic Unit 02030202, at south side of State Route 109, west of Albany Avenue, Maywood. Owner: New York State Department of Transportation.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven steel observation well, diameter 2 in., depth 33 ft, screen assumed at bottom.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 57.2 ft above sea level. Measuring point: Top of casing, 2.02 ft above land-surface datum.

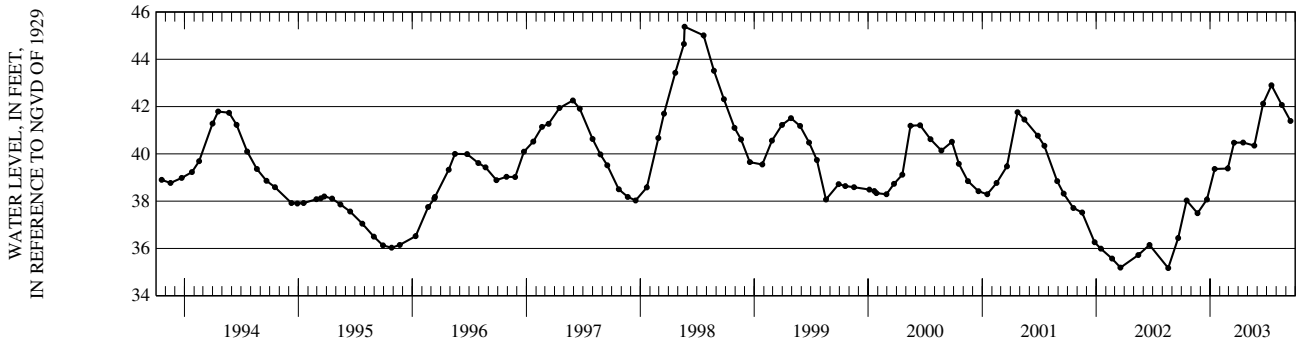
REMARKS.--Replaced well S1805.3 in October 1953 near same location. Unpublished records from October 1912 to September 1975 for wells S1805.1 to S1805.3 are available in files of the Long Island Subdistrict Office.

PERIOD OF RECORD.--October 1953 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 46.47 ft above sea level, August 27, 1984; lowest measured, 35.17 ft above sea level, August 19, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	38.03	DEC 21	38.07	FEB 26	39.38	APR 16	40.48	JUN 19	42.12	AUG 18	42.07
NOV 21	37.49	JAN 15	39.36	MAR 18	40.47	MAY 22	40.35	JUL 16	42.90	SEP 15	41.39



SUFFOLK COUNTY—Continued

404442073240503. Local number, S1806.3

LOCATION.--Lat 40°44'42", long 73°24'05", Hydrologic Unit 02030202, at west side of Wellwood Avenue, north of Conklin Street, south of railroad tracks, Pinelawn. Owner: Suffolk County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 45 ft, screened 41 to 45 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 85.7 ft above sea level. Measuring point: Top of coupling, 0.19 ft below land-surface datum.

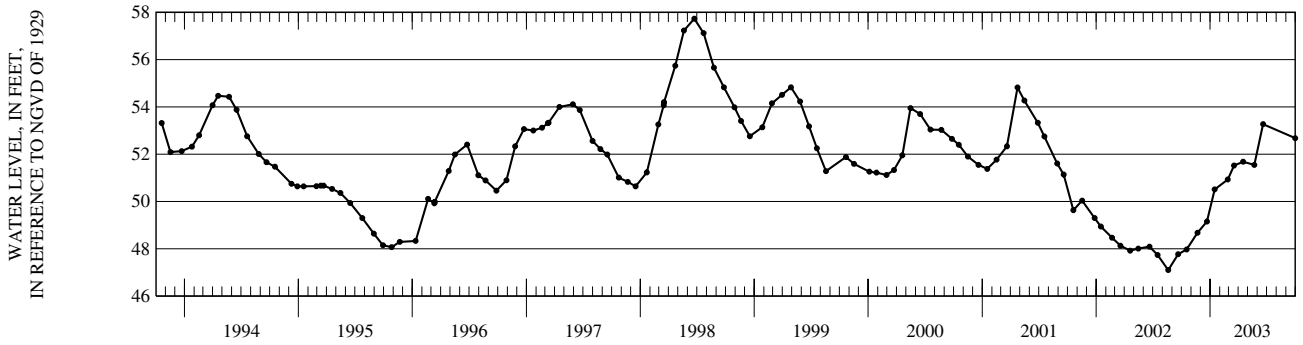
REMARKS--Replaced well S1806.2 in August 1977 near same location. Unpublished records for October 1912 to November 1914, and May to September 1975, for wells S1806.1 to S1806.2 are available in files of the Long Island Subdistrict Office.

PERIOD OF RECORD.--August 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 62.37 ft above sea level, June 20, 1984; lowest measured, 47.10 ft above sea level, August 19, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	47.97	DEC 21	49.15	FEB 26	50.93	APR 16	51.68	JUN 19	53.27		
NOV 21	48.68	JAN 15	50.51	MAR 18	51.52	MAY 22	51.55	SEP 30	52.68		



404319073184701. Local number, S1807.6

LOCATION.--Lat 40°43'19", long 73°18'46", Hydrologic Unit 02030202, at north side of Kimberly Place, west side of Higbie Lane, West Islip. Owner: Town of Islip.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 21 ft, screened 19 to 21 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 23.5 ft above sea level. Measuring point: Top of casing, 0.45 ft below land-surface datum.

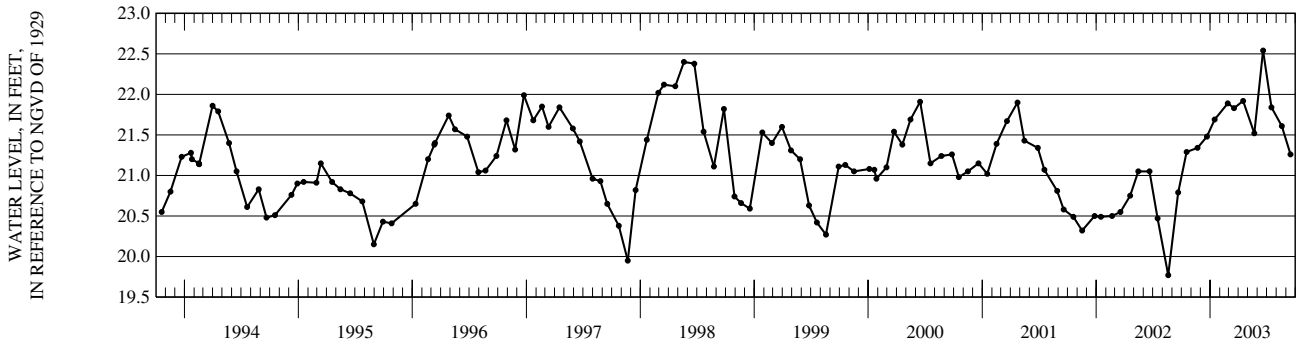
REMARKS.--Replaced well S1807.5 in April 1992 near same location. Unpublished records for October 1912 to November 1914, August 1932 to June 1933, and June 1936 to September 1975, for wells S1807.1 to S1807.5 are available in files of the Long Island Subdistrict Office.

PERIOD OF RECORD.--April 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.54 ft above sea level, June 19, 2003; lowest measured, 19.77 ft above sea level, August 19, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	21.29	DEC 21	21.48	FEB 26	21.89	APR 16	21.92	JUN 19	22.54	AUG 18	21.61
NOV 21	21.34	JAN 15	21.69	MAR 18	21.83	MAY 22	21.52	JUL 16	21.84	SEP 15	21.26



SUFFOLK COUNTY—Continued

404221073164905. Local number, S1808.5

LOCATION.--Lat 40°42'21", long 73°16'49", Hydrologic Unit 02030202, at west side of Manor Lane, 332 ft north of Thompson Drive, West Islip. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 11 ft, screened 10 to 11 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 13.5 ft above sea level. Measuring point: Top of coupling, 0.22 ft below land-surface datum.

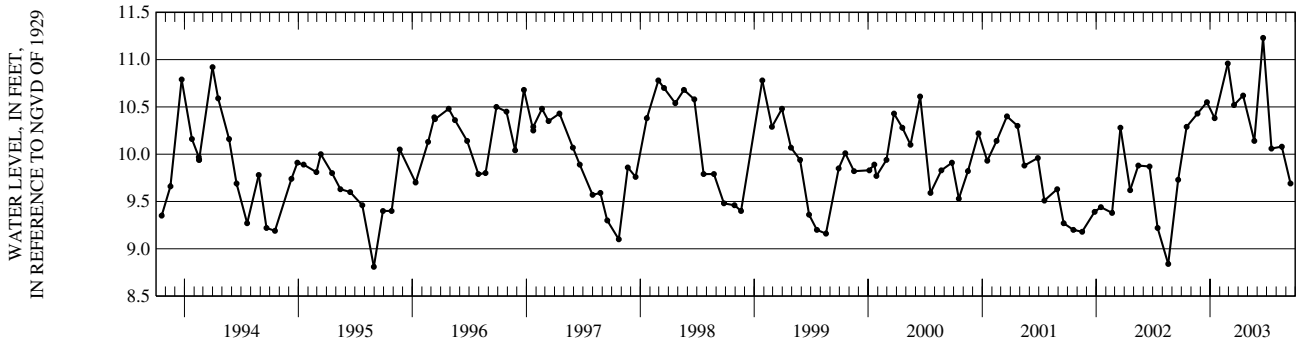
REMARKS.--Replaced well S1808.4 in October 1989 near same location. Unpublished records from October 1912 to September 1975, for wells S1808.1 to S1808.4 are available in files of the Long Island Subdistrict Office.

PERIOD OF RECORD.--October 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.23 ft above sea level, June 19, 2003; lowest measured, 8.81 ft above sea level, August 30, 1995

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	10.29	DEC 21	10.55	FEB 26	10.96	APR 16	10.62	JUN 19	11.23	AUG 18	10.08
NOV 21	10.43	JAN 15	10.38	MAR 18	10.52	MAY 22	10.14	JUL 16	10.06	SEP 15	9.69



404351073164904. Local number, S1809.4

LOCATION.--Lat 40°43'51", long 73°16'49", Hydrologic Unit 02030202, at southeast corner of Muncey Road and Manor Lane, in recharge basin, Bay Shore. Owner: Town of Islip.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 29 ft, screened 26 to 29 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 42.0 ft above sea level. Measuring point: Top of coupling, 0.45 ft below land-surface datum.

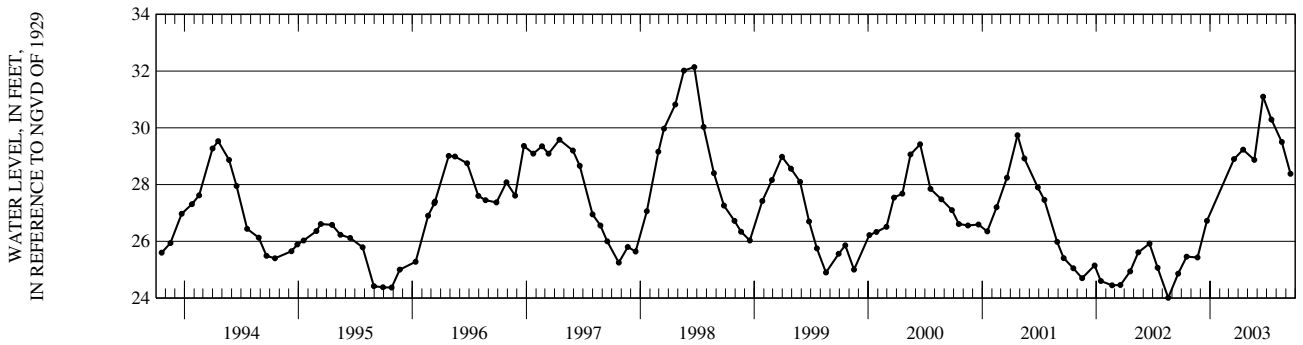
REMARKS.--Replaced well S1809.3 in March 1981 near same location. Unpublished records for October 1912 to November 1914, and August 1932 to September 1975, for wells S1809.1 to S1809.3 are available in files of the Long Island Subdistrict Office.

PERIOD OF RECORD.--March 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.97 ft above sea level, June 23, 1989; lowest measured, 24.01 ft above sea level, August 19, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	25.46	DEC 21	26.72	APR 16	29.23	JUN 19	31.10	AUG 18	29.50		
NOV 21	25.43	MAR 18	28.90	MAY 22	28.87	JUL 16	30.29	SEP 15	28.38		



SUFFOLK COUNTY—Continued

404614073164404. Local number, S1810.4

LOCATION.--Lat 40°46'14", long 73°16'44", Hydrologic Unit 02030202, at west side of North Gardiner Drive, south of Pine Aire Drive, in front of house 1712, Pine Aire. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 55 ft, screened 52 to 55 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 90.8 ft above sea level. Measuring point: Top of coupling, 0.25 ft below land-surface datum.

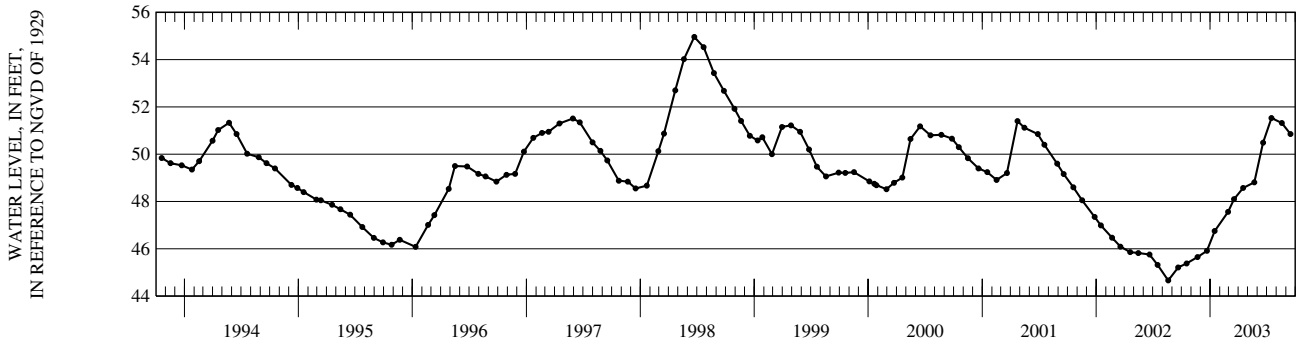
REMARKS.--Replaced well S1810.3 in November 1975 near same location. Unpublished records from October 1912 to November 1914, and August 1932 to September 1975, for wells S1810.1 to S1810.3 are available in files of the Long Island Subdistrict Office.

PERIOD OF RECORD.--November 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 56.28 ft above sea level, July 23, 1984; lowest measured, 44.66 ft above sea level, August 19, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	45.38	DEC 21	45.91	FEB 27	47.56	APR 16	48.57	JUN 19	50.49	AUG 18	51.32
NOV 21	45.65	JAN 15	46.75	MAR 18	48.10	MAY 22	48.81	JUL 16	51.53	SEP 15	50.85



404958073085001. Local number, S1812.3

LOCATION.--Lat 40°49'58", long 73°08'50", Hydrologic Unit 02030202, at southwest corner of Smithtown Boulevard and Nichols Road, Ronkonkoma. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven PVC observation well, diameter 2 in., depth 50 ft, screened 46 to 50 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 69.9 ft above sea level. Measuring point: Top of coupling, 0.40 ft below land-surface datum.

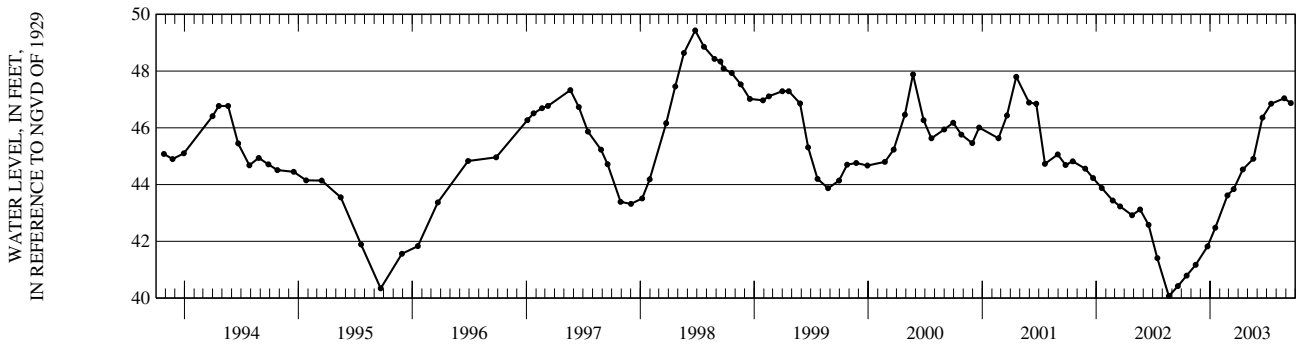
REMARKS.--Replaced well S1812.2 in May 1982 near same location. Unpublished records from April 1937 to September 1975 are available in files of the Long Island Subdistrict Office.

PERIOD OF RECORD.--May 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 51.34 ft above sea level, July 23, 1984; lowest measured, 40.07 ft above sea level, August 21, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	40.79	DEC 23	41.82	FEB 25	43.62	APR 15	44.53	JUN 17	46.36	AUG 26	47.04
NOV 15	41.17	JAN 17	42.48	MAR 17	43.84	MAY 19	44.91	JUL 15	46.85	SEP 16	46.87



SUFFOLK COUNTY—Continued

404737073112303. Local number, S1814.3

LOCATION.--Lat 40°47'37", long 73°11'23", Hydrologic Unit 02030202, at northwest corner of Suffolk Avenue and Dovecott Lane, Central Islip. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 54 ft, screened 51 to 54 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 63.5 ft above sea level. Measuring point: Top of coupling, 0.35 ft below land-surface datum.

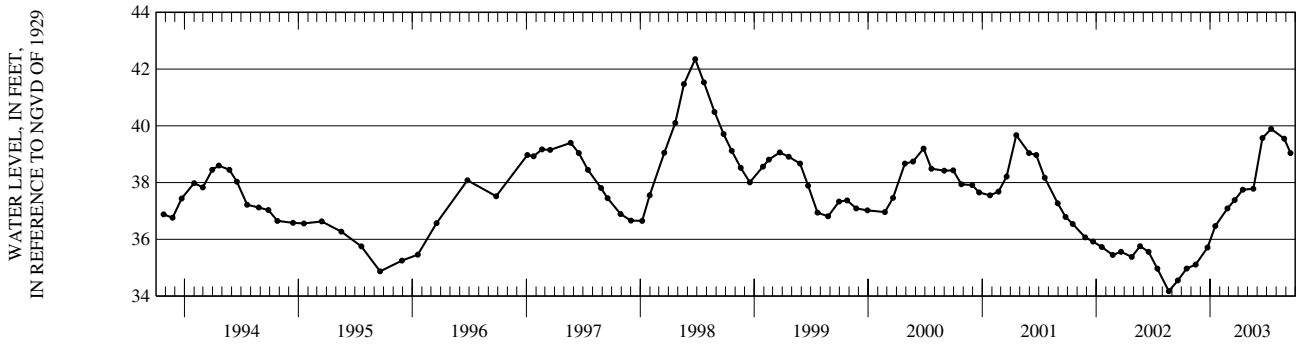
REMARKS.--Replaced well S1814.2 in May 1982 near same location, unpublished records from November 1939 to September 1975 are available in files of the Long Island Subdistrict Office.

PERIOD OF RECORD.--September 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.35 ft above sea level, June 25, 1998; lowest measured, 34.17 ft above sea level, August 21, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	34.97	DEC 23	35.71	FEB 25	37.09	APR 15	37.75	JUN 17	39.57	AUG 26	39.55
NOV 15	35.11	JAN 17	36.47	MAR 20	37.38	MAY 19	37.78	JUL 15	39.89	SEP 15	39.04



405146073031801. Local number, S3513.1

LOCATION.--Lat 40°51'46", long 73°03'18", Hydrologic Unit 02030202, at south side of State Route 25, 235 ft west of High View Drive, Selden. Owner: New York Department of Transportation.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled unused steel well, diameter 8 in. to 4 in., depth 65 ft, screened 63 to 65 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

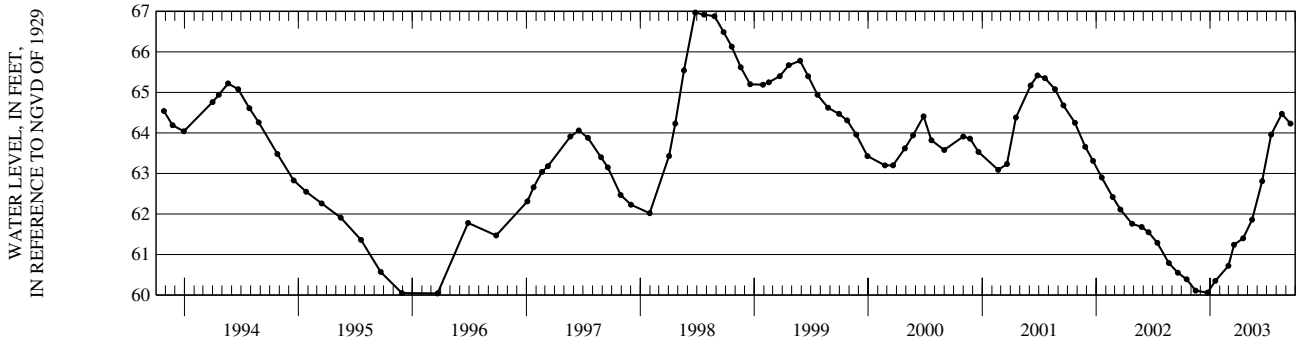
DATUM.--Land-surface datum is 101.0 ft above sea level. Measuring point: Top of 4-in to 1 $^{1}/_{4}$-in steel reducer, 1.31 ft above land-surface datum.

PERIOD OF RECORD.--April 1942 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 69.91 ft above sea level, May 29, 1979; lowest measured, 56.06 ft above sea level, March 1, 1967.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	60.39	DEC 23	60.06	FEB 28	60.72	APR 16	61.40	JUN 16	62.81	AUG 18	64.47
NOV 15	60.11	JAN 17	60.35	MAR 18	61.24	MAY 15	61.86	JUL 15	63.96	SEP 15	64.23



SUFFOLK COUNTY—Continued

404812073004101. Local number, S3521.1

LOCATION.--Lat 40°48'12", long 73°00'41", Hydrologic Unit 02030202, at west side of Old Medford Avenue, 237 ft north of Cedar Avenue, Medford. Owner: Town of Brookhaven.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven steel observation well, diameter 2 in., depth 50 ft, screen assumed at bottom.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

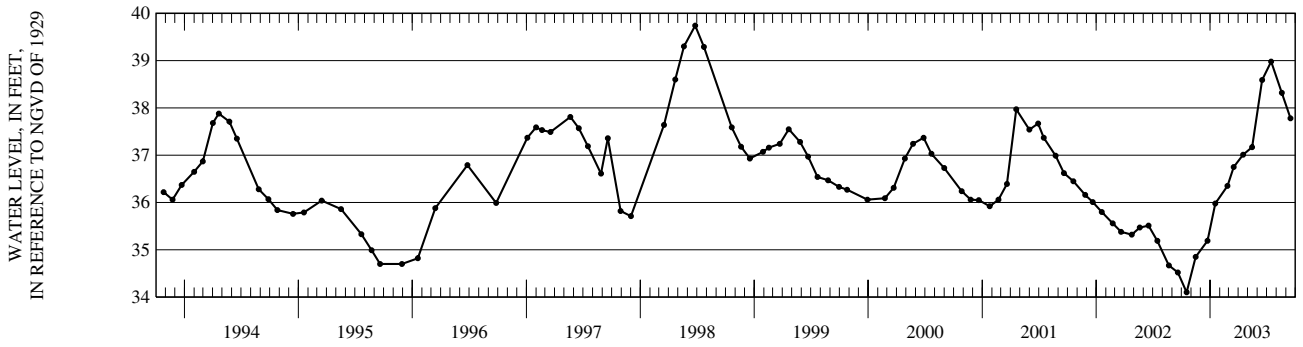
DATUM.--Land-surface datum is 71.8 ft above sea level. Measuring point: Top of casing, 0.35 ft above land-surface datum.

PERIOD OF RECORD.--January 1907 to current year. Unpublished records from January 1907 to July 1909, April 1942 to September 1975, are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.75 ft above sea level, March 27, 1979; lowest measured, 34.10 ft above sea level, October 17, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	34.10	DEC 23	35.19	FEB 25	36.35	APR 16	37.01	JUN 16	38.59	AUG 18	38.32
NOV 15	34.85	JAN 17	35.98	MAR 17	36.75	MAY 15	37.17	JUL 15	38.98	SEP 15	37.78



404806072553802. Local number, S3529.2

LOCATION.--Lat 40°48'01", long 72°55'38", Hydrologic Unit 02030202, at entrance to Brookhaven Landfill, south of Horseblock Road, South Yapank. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 45 ft, screened 41 to 45 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

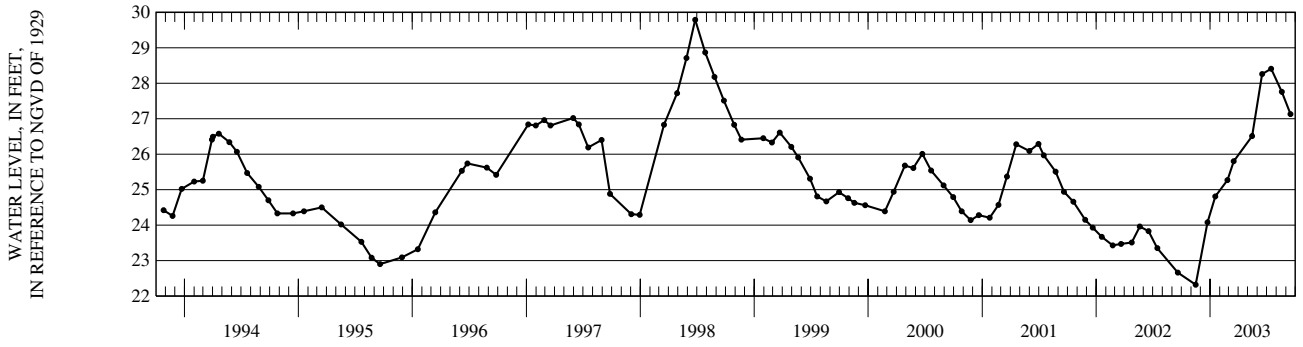
DATUM.--Land-surface datum is 34.0 ft above sea level. Measuring point: Top of coupling, 3.11 ft above land-surface datum.

PERIOD OF RECORD.--December 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.79 ft above sea level, June 25, 1998; lowest measured, 22.32 ft above sea level, November 15, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 15	22.32	JAN 17	24.81	MAR 17	25.80	JUN 16	28.26	AUG 18	27.76		
DEC 23	24.08	FEB 25	25.27	MAY 15	26.51	JUL 15	28.41	SEP 15	27.13		



SUFFOLK COUNTY—Continued

405037072390301. Local number, S3543.1

LOCATION.--Lat 40°50'37", long 72°39'03", Hydrologic Unit 02030202, at north side of Stewart Avenue, 0.25 mi west of Old Riverhead Road, 226 ft north on dirt path, West Hampton. Owner: City of New York.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven steel observation well, diameter 2 in., depth 58 ft, screened 56 to 58 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

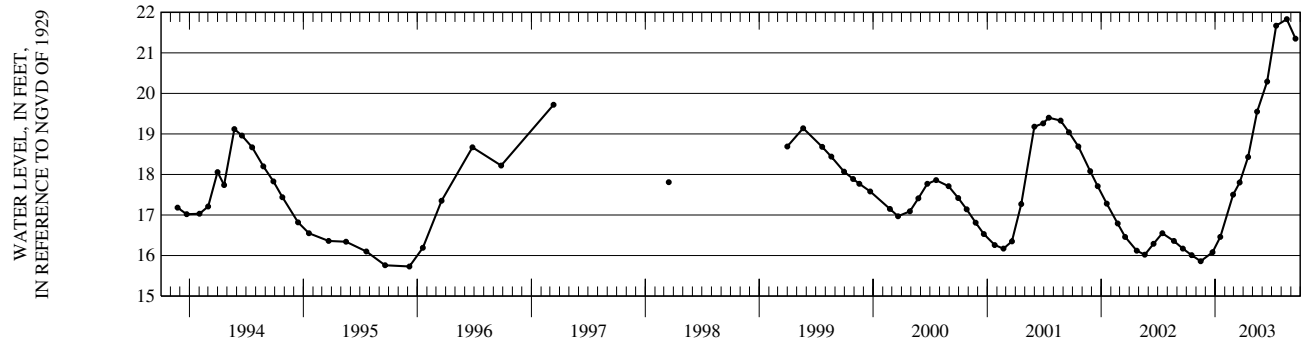
DATUM.--Land-surface datum is 64.1 ft above sea level. Measuring point: Top of casing, 0.34 ft above land-surface datum.

PERIOD OF RECORD.--March 1907 to December 1909, April 1942 to April 1943, January 1947 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.53 ft above sea level, July 23, 1984; lowest measured, 14.94 ft above sea level, November 25, 1986.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	16.01	DEC 23	16.08	FEB 27	17.50	APR 16	18.43	JUN 16	20.29	AUG 18	21.83
NOV 15	15.86	JAN 17	16.46	MAR 20	17.80	MAY 15	19.55	JUL 15	21.67	SEP 15	21.35



405145072592501. Local number, S3870.1

LOCATION.--Lat 40°51'45", long 72°59'25", Hydrologic Unit 02030202, at south side of Coram Yapank Road, 115 ft west of Overton Road, Coram. Owner: Town of Brookhaven.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 43 ft, screen assumed at bottom.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

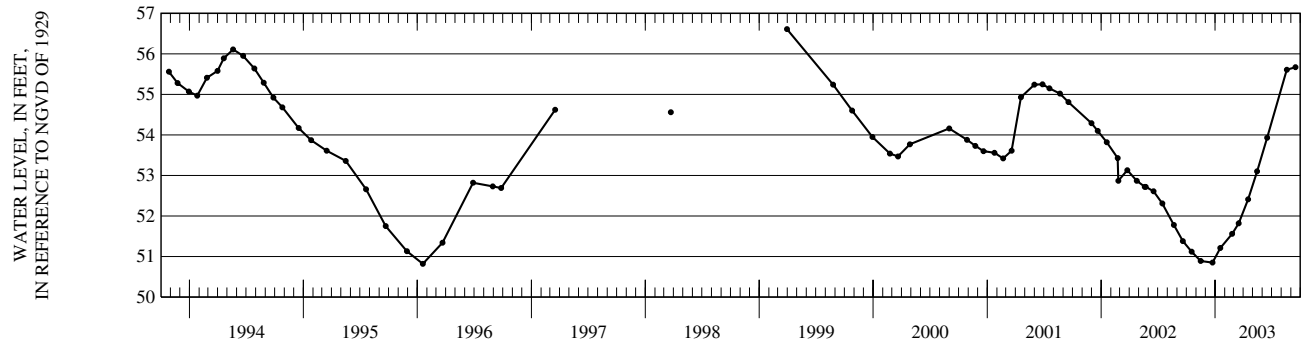
DATUM.--Land-surface datum is 87.0 ft above sea level. Measuring point: Top of casing, 1.11 ft above land-surface datum.

PERIOD OF RECORD.--January 1954 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 61.86 ft above sea level, June 27, 1979; lowest measured, 49.54 ft above sea level, October 26, 1966.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	51.12	DEC 23	50.85	FEB 24	51.56	APR 16	52.41	JUN 16	53.93	SEP 15	55.67
NOV 15	50.89	JAN 17	51.21	MAR 17	51.82	MAY 15	53.10	AUG 18	55.61		



SUFFOLK COUNTY—Continued

405343073055004. Local number, S3955.4

LOCATION.--Lat 40°53'43", long 73°05'50", Hydrologic Unit 02030201, at west side of Mark Tree Road, south of Pond Path, Setauket. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 80 ft, screened 76 to 80 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 123.0 ft above sea level. Measuring point: Top of coupling, 0.24 ft below land-surface datum.

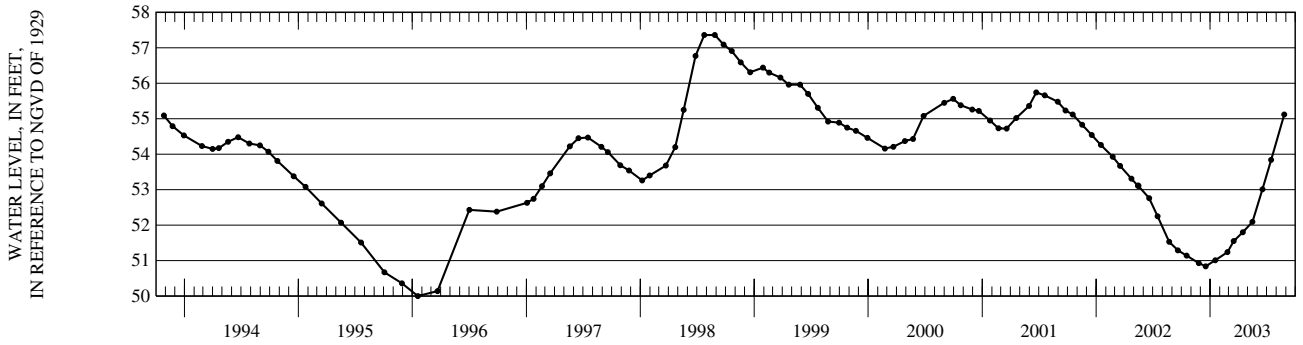
REMARKS.--Replaced well S3955.3 in April 1975 near same location. Unpublished records from September 1944 to September 1975 are available in files of the Long Island Subdistrict Office.

PERIOD OF RECORD.--April 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 60.23 ft above sea level, June 21, 1979; lowest measured, 50.00 ft above sea level, January 18, 1996.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	51.14	DEC 17	50.84	FEB 25	51.24	APR 15	51.80	JUN 17	53.01	AUG 26	55.12
NOV 25	50.93	JAN 17	51.01	MAR 17	51.55	MAY 16	52.09	JUL 15	53.84		



405743072425701. Local number, S4271.1

LOCATION.--Lat 40°57'43", long 72°42'57", Hydrologic Unit 02030202, at Long Island Research Farm, east of Horton Avenue, south of Sound Avenue, Riverhead. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 105 ft, screened 100 to 105 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

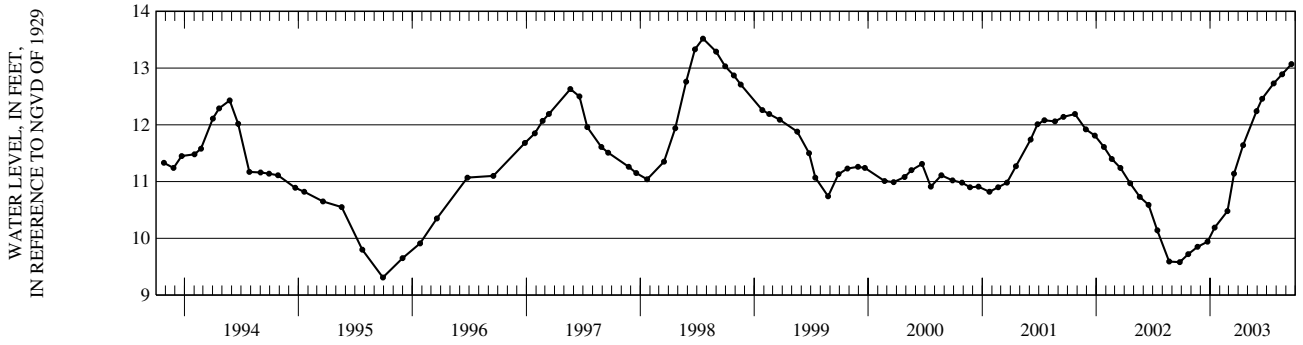
DATUM.--Land-surface datum is 100.3 ft above sea level. Measuring point: Top of coupling, 0.04 ft above land-surface datum.

PERIOD OF RECORD.--August 1945 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.25 ft above sea level, August 12, 1984; lowest measured, 8.16 ft above sea level, September 5, 1966.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	9.72	DEC 23	9.94	FEB 25	10.48	APR 16	11.64	JUN 16	12.46	AUG 19	12.89
NOV 21	9.85	JAN 15	10.19	MAR 18	11.14	MAY 29	12.24	JUL 23	12.73	SEP 18	13.07



SUFFOLK COUNTY—Continued

405149072532201. Local number, S5517.1

LOCATION.--Lat 40°51'49", long 72°53'22", Hydrologic Unit 02030202, at Brookhaven National Laboratory, northwest corner of Princeton Avenue and Upton Road, 77 ft south of parking field. Owner: Brookhaven National Laboratory.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 91 ft, screened 85 to 91 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 115.0 ft above sea level. Measuring point: Top of casing, 1.96 ft above land-surface datum.

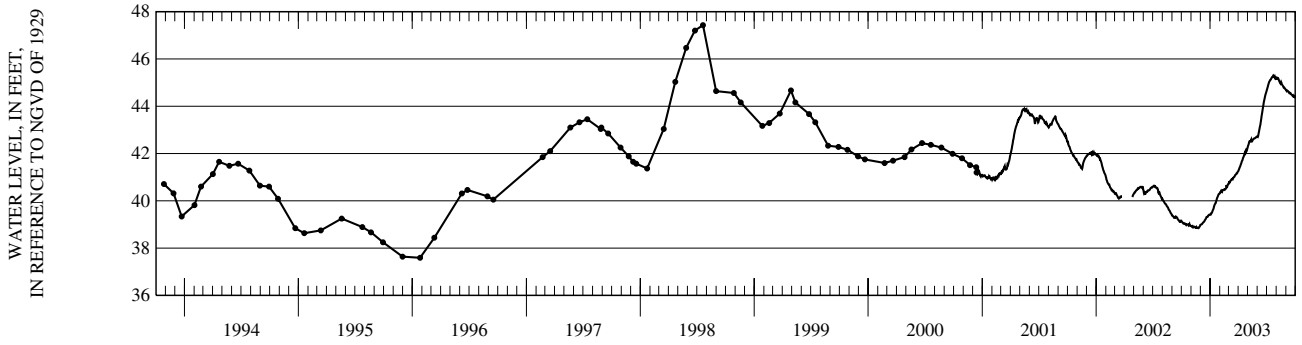
PERIOD OF RECORD.--April 1948 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 47.43 ft above sea level, July 20, 1998; lowest measured, 33.34 ft above sea level, March 1, 1967.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	39.07	38.89	39.01	39.47	40.38	40.83	41.41	42.46	42.87	44.87	45.19	44.65
10	39.03	38.90	39.10	39.63	40.45	40.89	41.58	42.54	43.19	45.06	45.06	44.60
15	38.98	38.86	39.19	39.84	40.48	40.97	41.77	42.52	43.64	45.17	44.98	44.55
20	39.00	38.86	39.32	39.99	40.52	41.04	41.96	42.63	44.05	45.25	44.89	44.47
25	38.99	38.85	39.37	40.19	40.65	41.14	42.05	42.65	44.39	45.23	44.80	44.42
EOM	38.93	38.98	39.41	40.32	40.71	41.25	42.23	42.71	44.64	45.21	44.69	44.34
MEAN	39.01	38.89	39.21	39.86	40.50	40.99	41.77	42.56	43.66	45.10	44.96	44.52
MAX	39.12	38.98	39.41	40.32	40.71	41.25	42.23	42.72	44.64	45.30	45.22	44.67
MIN	38.93	38.84	38.99	39.42	40.34	40.72	41.27	42.28	42.70	44.68	44.69	44.34

WTR YR 2003 MEAN 41.76 MAX 45.30 MIN 38.84



405650072542002. Local number, S6411.2

LOCATION.--Lat 40°56'50", long 72°54'20", Hydrologic Unit 02030202, at south side of State Route 25A, 100 ft west of Ridge Road, Shoreham. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 140 ft, screened 130 to 140 ft.

INSTRUMENTATION.--Measurement with chalked tape by U.S. Geological Survey personnel.

DATUM.--Land-surface datum is 138.4 ft above sea level. Measuring point: Top of casing, 1.73 ft above land-surface datum.

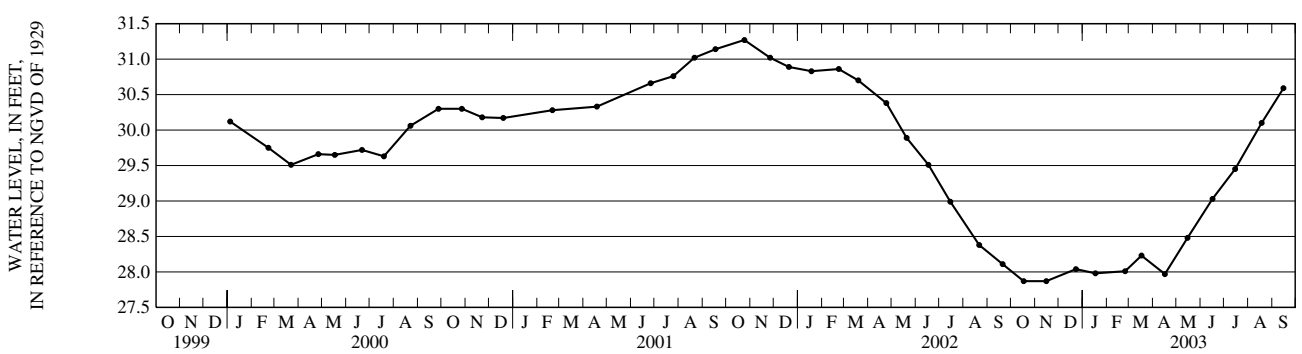
REMARKS.--Replaced well S6411.1 in August 1999 near same location

PERIOD OF RECORD.--January 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.27 ft above sea level, October 24, 2001; lowest measured, 27.87 ft above sea level, October 17 and November 15, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	27.87	DEC 23	28.04	FEB 24	28.01	APR 16	27.97	JUN 16	29.03	AUG 18	30.10
NOV 15	27.87	JAN 17	27.98	MAR 17	28.23	MAY 15	28.48	JUL 15	29.45	SEP 15	30.59



SUFFOLK COUNTY—Continued

405308072553101. Local number, S6413.1

LOCATION.--Lat 40°53'08", long 72°55'31", Hydrologic Unit 02030202, at south side of State Route 25, 70 ft east of Woodville Road, Middle Island. Owner: New York State Department of Transportation.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 108 ft, screened 103 to 108 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

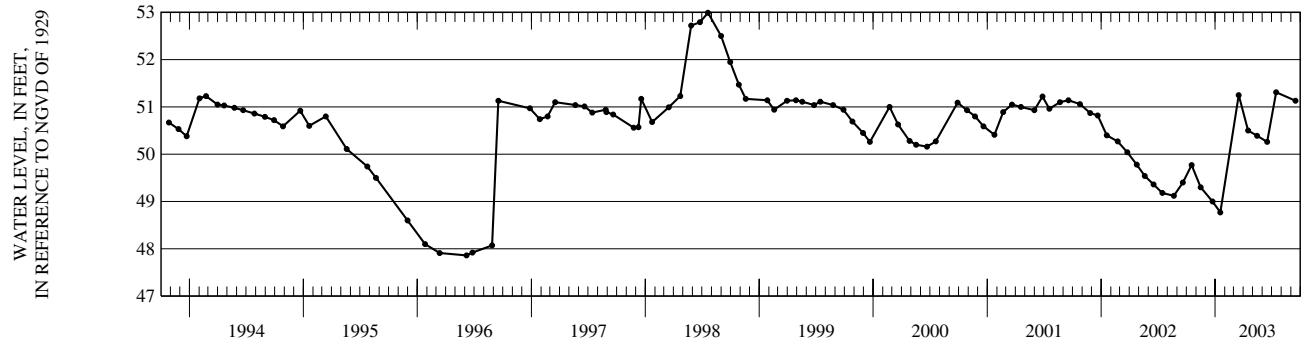
DATUM.--Land-surface datum is 93.8 ft above sea level. Measuring point: Top of steel meter box rim at yellow arrow, 0.13 ft above land-surface datum.

PERIOD OF RECORD.--January 1954 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 54.16 ft above sea level, April 12, 1979; lowest measured, 42.40 ft above sea level, March 1, 1967.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	49.77	DEC 23	49.00	MAR 17	51.25	MAY 15	50.39	JUL 15	51.31		
NOV 15	49.30	JAN 17	48.77	APR 16	50.50	JUN 16	50.26	SEP 15	51.13		



405222072523301. Local number, S6431.1

LOCATION.--Lat 40°52'23", long 72°52'36", Hydrologic Unit 02030202, at Brookhaven National Laboratory, northwest corner of Thomson Road and Forth Avenue, Upton. Owner: Brookhaven National Laboratory.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 125 ft, screened 121 to 125 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

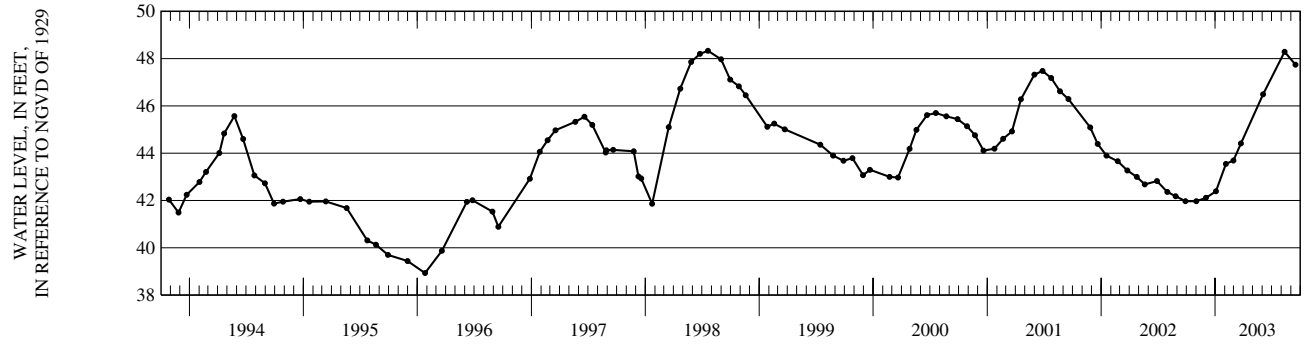
DATUM.--Land-surface datum is 87.7 ft above sea level. Measuring point: Top of casing, 1.72 ft below land-surface datum.

PERIOD OF RECORD.--January 1953 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.98 ft above sea level, April 12, 1979; lowest measured, 38.93 ft above sea level, January 25, 1996.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 01	41.97	JAN 03	42.39	FEB 28	43.69	JUN 03	46.49	SEP 15	47.74		
DEC 02	42.11	FEB 04	43.55	MAR 24	44.41	AUG 11	48.29				



SUFFOLK COUNTY—Continued

405223072523401. Local number, S6434.1

LOCATION.--Lat 40°42'23", long 72°52'34", Hydrologic Unit 02030202, at Brookhaven National Laboratory, northeast corner of Thomson Road and Forth Avenue, Upton. Owner: Brookhaven National Laboratory.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled steel public supply well, diameter 10 in., depth 1,395 ft, screened 1,312 to 1,392 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

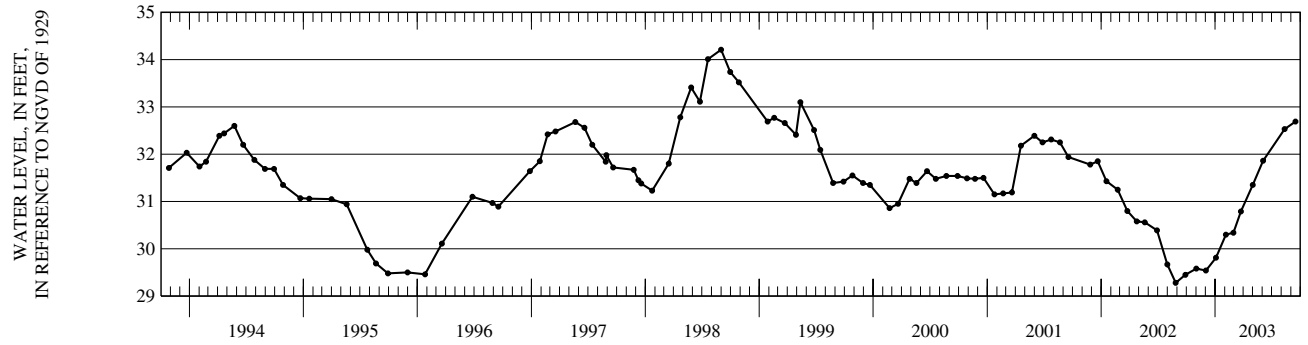
DATUM.--Land-surface datum is 85.0 ft above sea level. Measuring point: Top of casing at yellow arrow, 1.58 ft above land- surface datum.

PERIOD OF RECORD.--August 1949 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.11 ft above sea level, July 12, 1979; lowest measured, 28.74 ft above sea level, March 1, 1967.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 01	29.58	JAN 03	29.81	FEB 28	30.34	MAY 01	31.35	AUG 11	32.53		
DEC 02	29.54	FEB 04	30.30	MAR 24	30.79	JUN 03	31.86	SEP 15	32.69		



405223072523402. Local number, S6455.1

LOCATION.--Lat 40°52'23", long 72°52'34", Hydrologic Unit 02030202, at Brookhaven National Laboratory, northeast corner of Thomson Road and Forth Avenue, Upton. Owner: Brookhaven National Laboratory.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 962 ft, screened 952 to 962 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

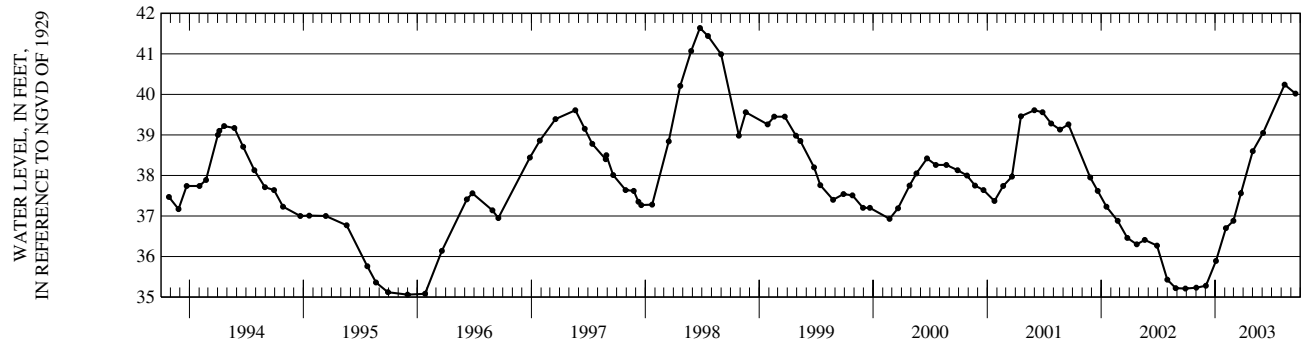
DATUM.--Land-surface datum is 85.0 ft above sea level. Measuring point: Top of casing, 1.66 ft above land-surface datum.

PERIOD OF RECORD.--July 1949 to June 1952, January 1954 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.50 ft above sea level, April 2, 1979; lowest measured, 33.82 ft above sea level, December 27, 1966 and March 1, 1967.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 01	35.23	JAN 03	35.89	FEB 28	36.88	MAY 01	38.60	AUG 11	40.24		
DEC 02	35.28	FEB 04	36.70	MAR 24	37.56	JUN 03	39.05	SEP 15	40.02		



SUFFOLK COUNTY—Continued

405830072331502. Local number, S6558.2

LOCATION.--Lat 40°58'30", long 72°33'15", Hydrologic Unit 02030201, at north side of Main Road (State Route 25), east side of access road to Laurel Lake, at southwest corner of baseball field, Mattituck. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 45 ft, screened 35 to 45 ft.

INSTRUMENTATION.--Measurement with chalked tape by U.S. Geological Survey personnel.

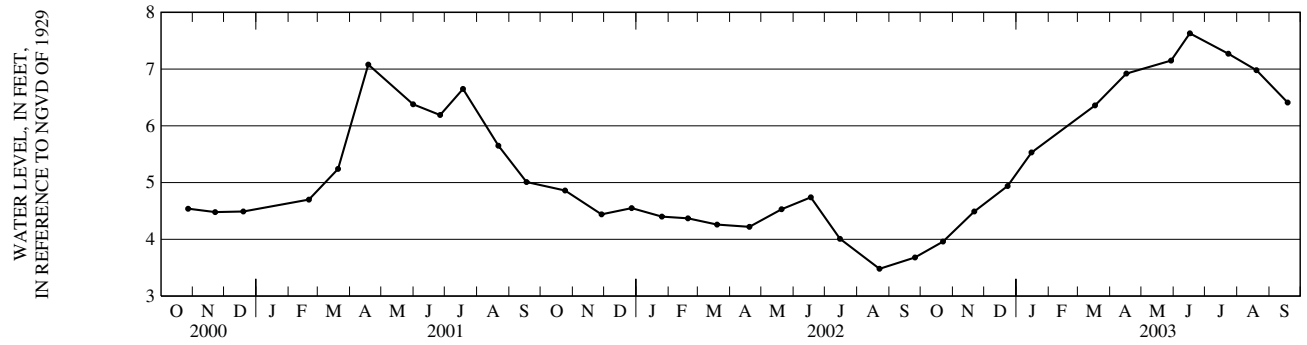
DATUM.--Land-surface datum is 38.0 ft above sea level. Measuring point: Top of casing, 0.12 ft below land-surface datum.

PERIOD OF RECORD.--July 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.63 ft above sea level, June 16, 2003; lowest measured, 3.48 ft above sea level, August 22, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	3.96	DEC 23	4.94	MAR 17	6.36	MAY 29	7.15	JUL 23	7.27	SEP 18	6.41
NOV 21	4.49	JAN 15	5.53	APR 16	6.92	JUN 16	7.63	AUG 19	6.98		



405756072173501. Local number, S8833.1

LOCATION.--Lat 40°57'56", long 72°17'35", Hydrologic Unit 02030202, at west side of Toppings Path, east side of Crooked Pond, Bridgehampton. Owner: Town of Southampton.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven steel observation well, diameter 2 in., depth 13 ft, screened 10 to 13 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 20.0 ft above sea level. Measuring point: Top of casing, 0.58 ft above land-surface datum.

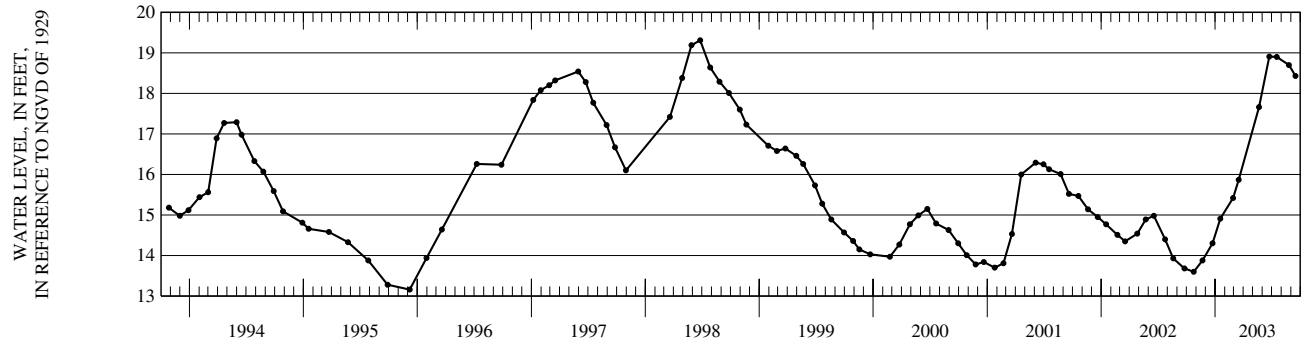
REMARKS.--Water-level elevations from December 29, 1988 to December 23, 2002 were reported as 1.05 ft. higher than actual levels. This was due to a discrepancy in the measuring-point elevation of the well, which was not accounted for in the computer data records. Water-level elevations for the period in question were corrected in January 2003.

PERIOD OF RECORD.--October 1950 to current year. Unpublished records from October 1950 to September 1977 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.31 ft above sea level, June 25, 1998; lowest measured, 12.84 ft above sea level, March 29, 1982.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	13.60	DEC 23	14.30	FEB 27	15.42	May 21	17.66	JUL 17	18.90	SEP 15	18.43
NOV 21	13.88	JAN 17	14.91	MAR 17	15.87	JUN 23	18.91	AUG 25	18.70		



SUFFOLK COUNTY—Continued

405756072173502. Local number, S8833.2

LOCATION.--Lat 40°57'56", long 72°17'35", Hydrologic Unit 02030202, at west side of Toppings Path, east side of Crooked Pond, Bridgehampton. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven PVC observation well, diameter 2 in., depth 20 ft, screened 10 to 15 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 20.0 ft above sea level. Measuring point: Top of casing, 0.12 ft below land-surface datum.

REMARKS.--Satellite elevation telemeter at station. Replaced well S8833.1 in May 2003 near same location.

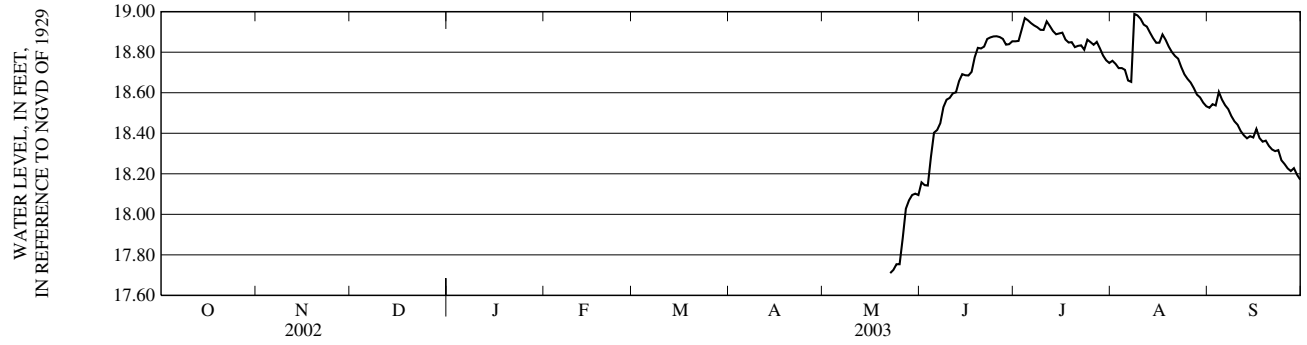
PERIOD OF RECORD.--May 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.99 ft above sea level, August 9, 2003; lowest measured, 17.68 ft above sea level, May 21, 2003.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	---	---	18.40	18.96	18.71	18.57
10	---	---	---	---	---	---	---	---	18.57	18.91	18.96	18.44
15	---	---	---	---	---	---	---	---	18.69	18.89	18.85	18.38
20	---	---	---	---	---	---	---	---	18.82	18.83	18.80	18.34
25	---	---	---	---	---	---	---	17.75	18.88	18.85	18.67	18.25
EOM	---	---	---	---	---	---	---	18.10	18.85	18.75	18.53	18.17
MEAN	---	---	---	---	---	---	---	---	18.64	18.87	18.77	18.38
MAX	---	---	---	---	---	---	---	---	18.88	18.97	18.99	18.60
MIN	---	---	---	---	---	---	---	---	18.14	18.75	18.53	18.17

WTR YR 2003 MEAN 18.61 MAX 18.99 MIN 17.71



405309072233101. Local number, S8836.1

LOCATION.--Lat 40°53'09", long 72°23'31", Hydrologic Unit 02030202, at south side of Nugent Street, 399 ft east of Windmill Lane, Southampton. Owner: Southampton Fire Department.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel fire-protection well, diameter 8 in., depth 37 ft, screen assumed at bottom.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

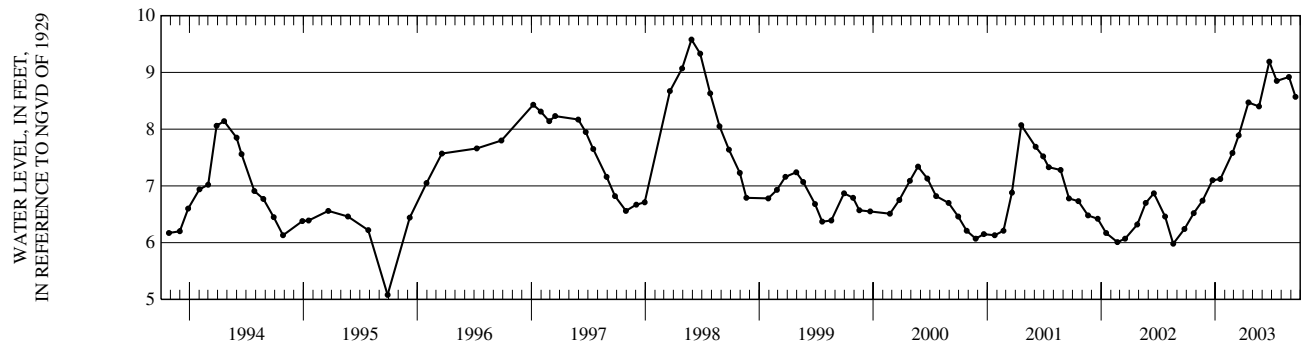
DATUM.--Land-surface datum is 18.0 ft above sea level. Measuring point: Top edge of 8-in steel casing, inside elbow extension, 0.87 ft above land-surface datum.

PERIOD OF RECORD.--July 1950 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.58 ft above sea level, May 28, 1998; lowest measured, 4.93 ft above sea level, August 30, 1968

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	6.52	DEC 23	7.10	FEB 25	7.58	APR 17	8.47	JUN 23	9.19	AUG 25	8.92
NOV 21	6.74	JAN 17	7.12	MAR 17	7.89	MAY 21	8.40	JUL 17	8.85	SEP 15	8.57



SUFFOLK COUNTY—Continued

405628072164701. Local number, S8838.1

LOCATION.--Lat 40°56'28", long 72°16'47", Hydrologic Unit 02030202, at west side of Sagg Road, 153 ft north of Montauk Highway (State Route 27), Bridgehampton. Owner: Bridgehampton Fire Department.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel fire-protection well, diameter 6 in., depth 46 ft, screen assumed at bottom.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

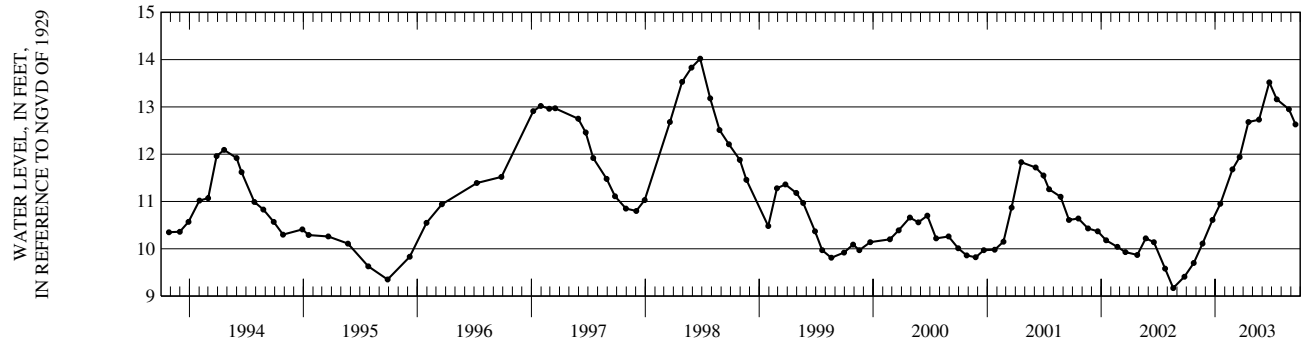
DATUM.--Land-surface datum is 28.0 ft above sea level. Measuring point: Top edge of 6-in steel casing, inside elbow extension, 0.40 ft above land-surface datum.

PERIOD OF RECORD.--July 1950 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.02 ft above sea level, June 25, 1998; lowest measured, 8.84 ft above sea level, August 8, 1966.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	9.70	DEC 23	10.61	FEB 25	11.68	APR 17	12.68	JUN 23	13.52	AUG 25	12.95
NOV 21	10.11	JAN 17	10.95	MAR 20	11.94	MAY 21	12.73	JUL 17	13.16	SEP 15	12.63



405829072084302. Local number, S8839.2

LOCATION.--Lat 40°58'29", long 72°08'43", Hydrologic Unit 02030202, at west side of Windmill Lane, 0.1 mi north of State Route 27, Amaganset. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 50 ft, screened 40 to 50 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 37.0 ft above sea level. Measuring point: Top of casing, 0.35 ft below land-surface datum.

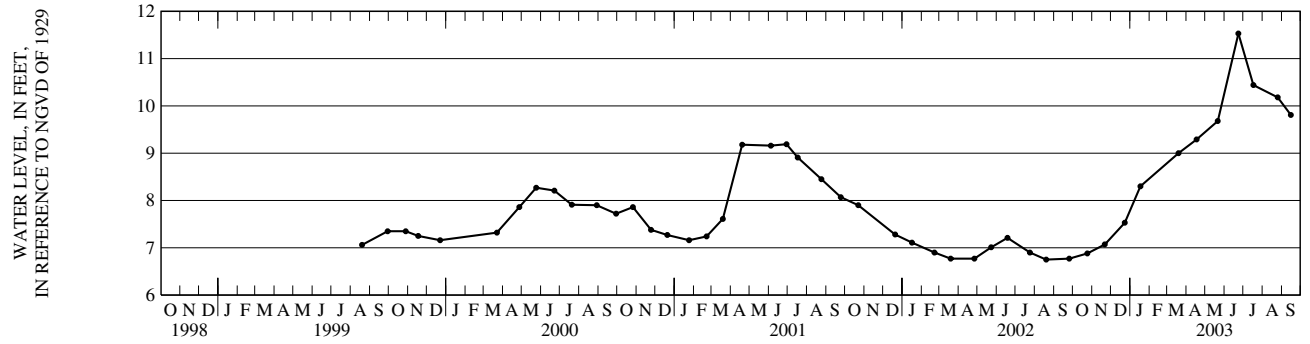
REMARKS.--Replaced well S8839.1 in August 1999 near same location.

PERIOD OF RECORD.--August 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.53 ft above sea level, June 23, 2003; lowest measured, 6.75 ft above sea level, August 19, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	6.88	DEC 23	7.53	MAR 19	9.00	MAY 21	9.68	JUL 17	10.44	SEP 15	9.81
NOV 21	7.07	JAN 17	8.30	APR 17	9.29	JUN 23	11.53	AUG 25	10.18		



SUFFOLK COUNTY—Continued

405906072110102. Local number, S8843.2

LOCATION.--Lat 40°59'06", long 72°11'01", Hydrologic Unit 02030202, at east side of Three Mile Harbor Road, 300 ft south of Boat Steerers Court, Freetown. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 35 ft, screened 25 to 30 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 30.0 ft above sea level. Measuring point: Top of coupling, 0.79 ft below land-surface datum.

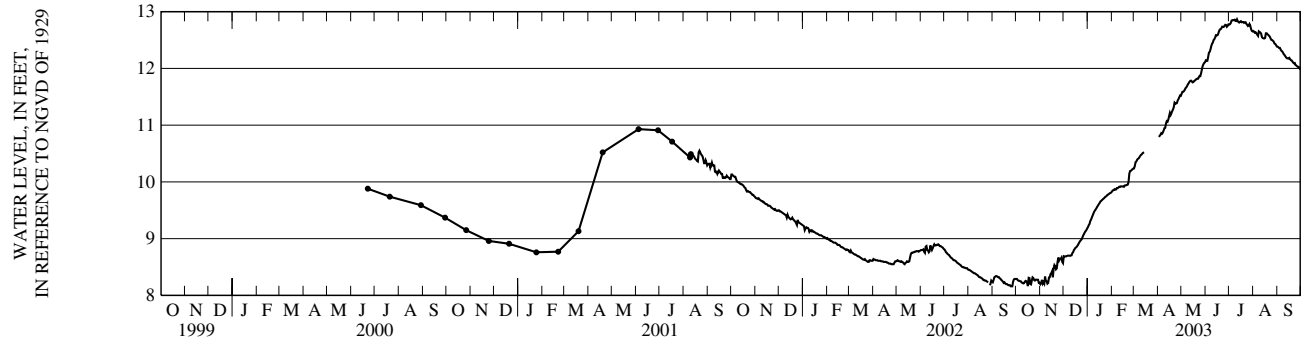
PERIOD OF RECORD.--June 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.87 ft above sea level, July 7, 8, and 11, 2003; lowest measured, 8.10 ft above sea level, October 16, 2002.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.26	8.23	8.69	9.34	9.86	10.39	10.86	11.62	12.28	12.85	12.62	12.33
10	8.21	8.21	8.70	9.50	9.91	10.48	10.95	11.74	12.45	12.84	12.63	12.24
15	8.22	8.39	8.82	9.61	9.92	---	11.16	11.75	12.58	12.82	12.53	12.17
20	8.19	8.51	8.91	9.69	9.95	---	11.28	11.81	12.69	12.80	12.59	12.12
25	8.26	8.62	9.03	9.76	10.20	---	11.39	11.86	12.75	12.75	12.50	12.05
EOM	8.22	8.57	9.18	9.82	10.23	---	11.52	12.11	12.78	12.65	12.39	11.98
MEAN	8.25	8.41	8.86	9.59	9.97	---	11.16	11.79	12.54	12.80	12.56	12.18
MAX	8.32	8.67	9.18	9.82	10.23	---	11.52	12.11	12.78	12.86	12.66	12.38
MIN	8.16	8.20	8.68	9.20	9.84	---	10.79	11.55	12.13	12.65	12.39	11.98

WTR YR 2003 MEAN 10.73 MAX 12.86 MIN 8.16



405948072172101. Local number, S8844.1

LOCATION.--Lat 40°59'07", long 72°15'12", Hydrologic Unit 02030202, at south side of Hempstead Street, 19 ft east of Hampton Street, Sag Harbor. Owner: Sag Harbor Fire Department.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel fire-protection well, diameter 6 in., depth 85 ft, screened assumed at bottom.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

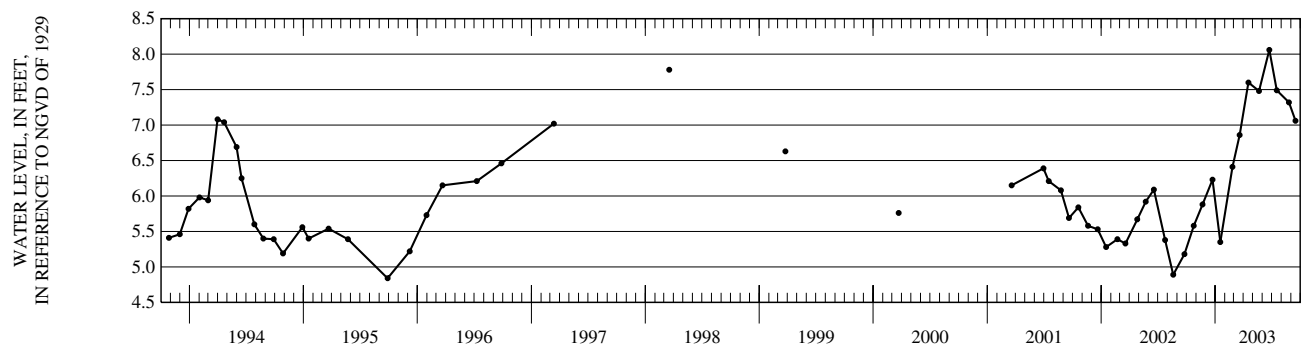
DATUM.--Land-surface datum is 19.0 ft above sea level. Measuring point: Top edge of 6-in steel casing, inside elbow extenstion, 1.48 ft above land-surface datum.

PERIOD OF RECORD.--August 1950 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.06 ft above sea level, June 23, 2003; lowest measured, 4.43 ft above sea level, December 26, 1950.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	5.58	DEC 23	6.23	FEB 25	6.41	APR 17	7.60	JUN 23	8.06	AUG 25	7.32
NOV 21	5.88	JAN 17	5.35	MAR 20	6.86	MAY 21	7.48	JUL 17	7.49	SEP 15	7.06



SUFFOLK COUNTY—Continued

410034072094701. Local number, S15048.1

LOCATION.--Lat 41°00'35", long 72°09'48", Hydrologic Unit 02030201, at east side of Springs-Fireplace Road and Church Lane, East Hampton. Owner: Town of Easthampton.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel fire-protection well, diameter 6 in., depth 46 ft, screened 31 to 46 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

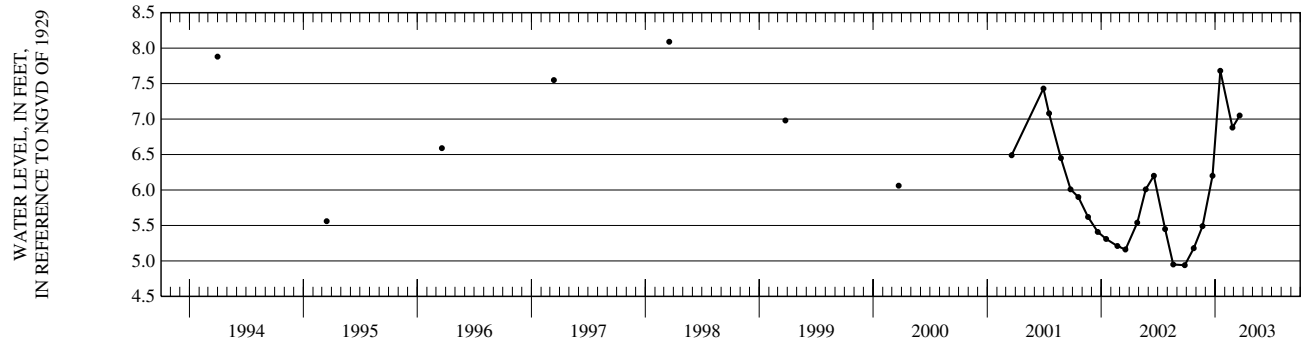
DATUM.--Land-surface datum is 20.0 ft above sea level. Measuring point: Top inside of outlet, 1.69 ft above land-surface datum.

PERIOD OF RECORD.--April 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.99 ft above sea level, June 22, 1982; lowest measured, 4.91 ft above sea level, September 18, 1981.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	5.18	NOV 21	5.49	DEC 23	6.20	JAN 17	7.68	FEB 25	6.88	MAR 20	7.05



405250073180801. Local number, S15622.1

LOCATION.--Lat 40°52'50", long 73°18'08", Hydrologic Unit 02030201, at north side of Pulaski Road, 17 ft east of Rowena Lane, Northport. Owner: Rottkamp.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled steel unused domestic supply well, diameter 10 in., depth 458 ft, screened 437 to 457 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

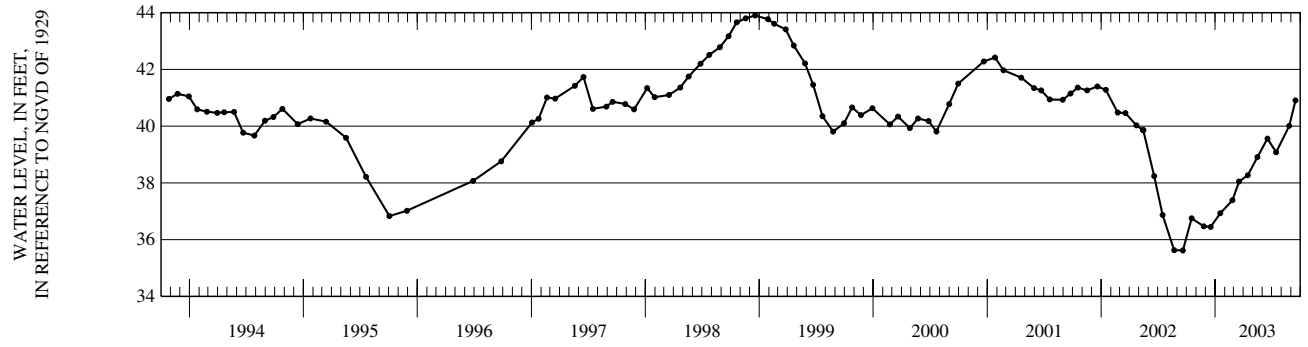
DATUM.--Land-surface datum is 205.0 ft above sea level. Measuring point: Top of hole in steel plate at yellow arrow, 0.19 ft below land-surface datum.

PERIOD OF RECORD.--January 1958 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 47.09 ft above sea level, January 7, 1980; lowest measured, 34.33 ft above sea level, April 14, 1969.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	36.75	DEC 17	36.45	FEB 25	37.39	APR 15	38.27	JUN 17	39.56	AUG 26	40.01
NOV 25	36.47	JAN 17	36.93	MAR 18	38.05	MAY 16	38.91	JUL 15	39.08	SEP 15	40.91



SUFFOLK COUNTY—Continued

410634072223601. Local number, S16783.2

LOCATION.--Lat 41°06'34", long 72°22'36", Hydrologic Unit 02030201, at west side of Moore Lane, 61 ft south of North Road (State Route 25), Southold. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 28 ft, screened 20 to 24 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

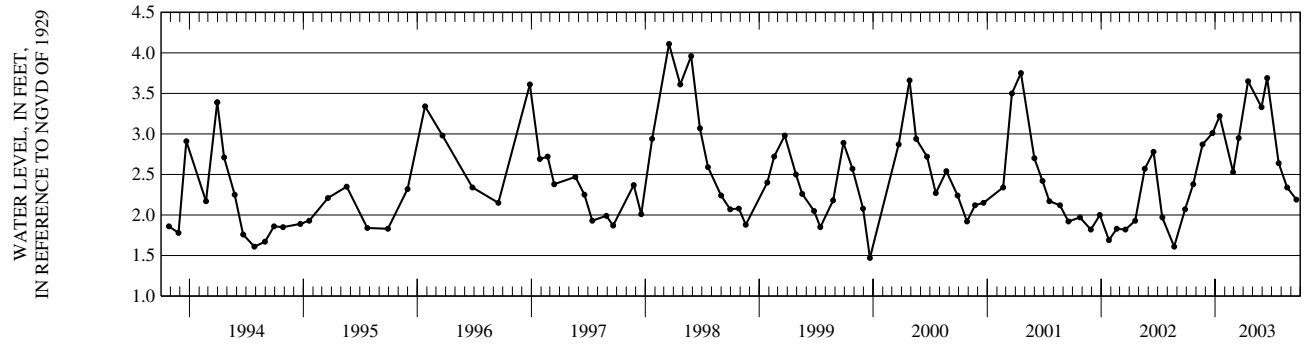
DATUM.--Land-surface datum is 16.0 ft above sea level. Measuring point: Top of coupling, 0.13 ft below land-surface datum.

PERIOD OF RECORD.--July 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.11 ft above sea level, March 17, 1998; lowest measured, 1.47 ft above sea level, December 21, 1999.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	2.38	DEC 23	3.01	FEB 27	2.53	APR 16	3.65	JUN 16	3.69	AUG 19	2.34
NOV 21	2.87	JAN 15	3.22	MAR 17	2.95	MAY 29	3.33	JUL 23	2.64	SEP 18	2.19



410858072171501. Local number, S16787.1

LOCATION.--Lat 41°08'58", long 72°17'15", Hydrologic Unit 02030201, at south side of State Route 25, east of Platt Road, Orient. Owner: Suffolk County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven steel observation well, diameter 1 $^{1}/_{4}$ in., depth 44 ft, screened 41 to 44 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

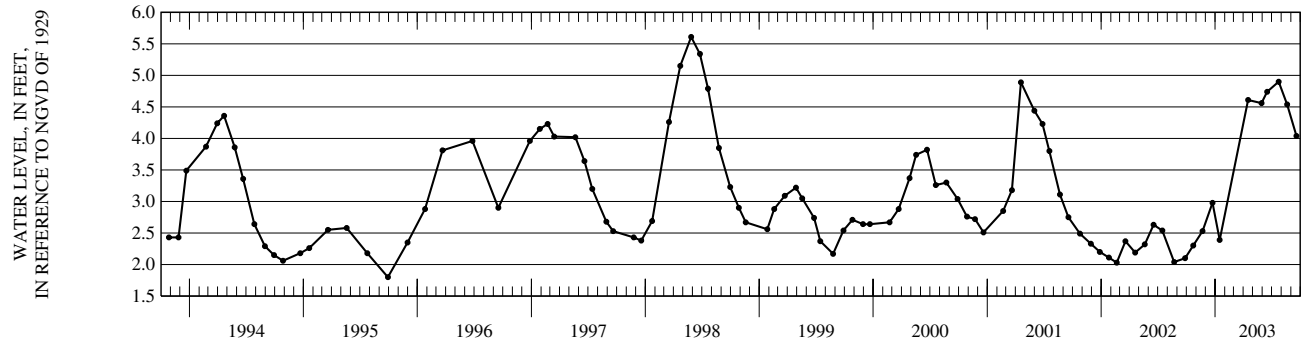
DATUM.--Land-surface datum is 22.3 ft above sea level. Measuring point: Top of casing, 0.14 ft above land-surface datum.

PERIOD OF RECORD.--August 1958 to current year. Unpublished records from August 1958 to September 1977 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.61 ft above sea level, May 27, 1998; lowest measured, 1.12 ft above sea level, August 8, 1966.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	2.30	DEC 23	2.98	APR 16	4.61	JUN 16	4.74	AUG 19	4.54		
NOV 21	2.53	JAN 15	2.39	MAY 29	4.56	JUL 23	4.90	SEP 18	4.04		



SUFFOLK COUNTY—Continued

405034073140401. Local number, S16881.1

LOCATION.--Lat 40°50'34", long 73°14'04", Hydrologic Unit 02030201, at east side of Old Willets Path, north of Bridge Branch Road, Commack. Owner: Town of Smithtown.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 47 ft, screen assumed at bottom.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

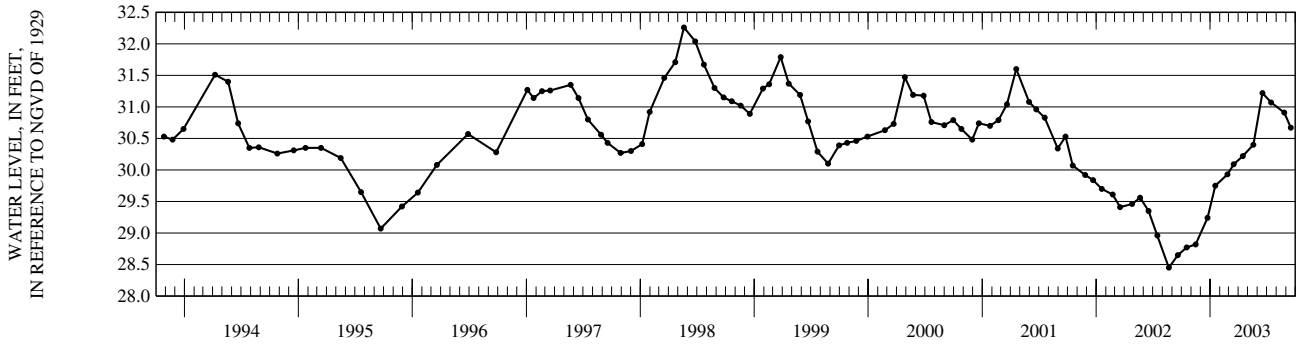
DATUM.--Land-surface datum is 58.0 ft above sea level. Measuring point: Top of casing, 0.34 ft below land-surface datum.

PERIOD OF RECORD.--July 1958 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.05 ft above sea level, January 23, 1974; lowest measured, 28.45 ft above sea level, August 21, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	28.77	DEC 23	29.24	FEB 25	29.93	APR 15	30.22	JUN 17	31.22	AUG 26	30.91
NOV 15	28.82	JAN 17	29.75	MAR 17	30.09	MAY 19	30.40	JUL 15	31.07	SEP 16	30.67



404530073115104. Local number, S17987.4

LOCATION.--Lat 40°45'50", long 73°11'51", Hydrologic Unit 02030202, at northwest corner of Carleton Avenue and Court Drive, Central Islip. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 30 ft, screened 20 to 25 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 63.5 ft above sea level. Measuring point: Top of coupling, 0.35 ft below land-surface datum.

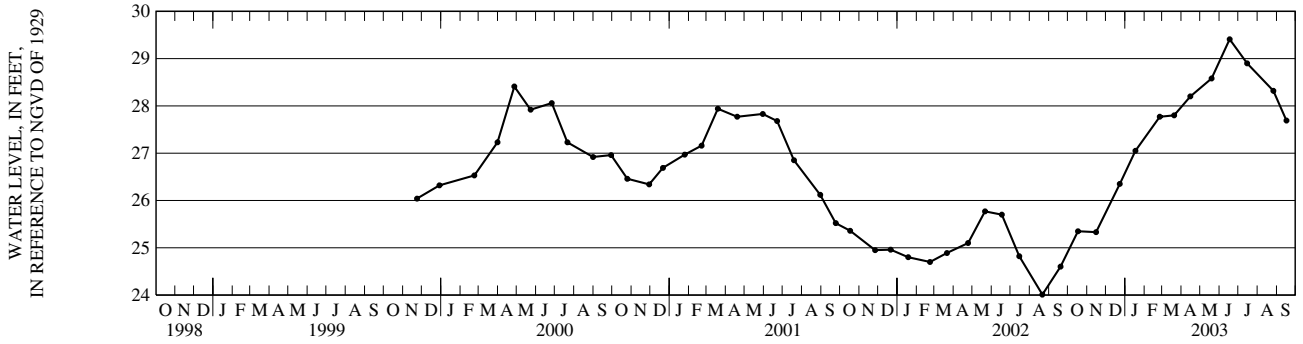
REMARKS.--Replaced well S17987.3 in August 1999 near same location.

PERIOD OF RECORD.--November 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.41 ft above sea level, June 17, 2003; lowest measured, 24.01 ft above sea level, August 21, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	25.35	DEC 23	26.35	FEB 25	27.77	APR 15	28.20	JUN 17	29.41	AUG 26	28.32
NOV 15	25.33	JAN 17	27.05	MAR 20	27.80	MAY 19	28.58	JUL 15	28.90	SEP 16	27.69



SUFFOLK COUNTY—Continued

403727073154601. Local number, S21091.1

LOCATION.--Lat 40°37'27", long 73°15'48", Hydrologic Unit 02030202, at Robert Moses State Park, in water treatment building, Fire Island. Owner: Long Island State Park Commission.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 1,921 ft, screened 1,918 to 1,921 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 10.0 ft above sea level. Measuring point: Top of casing, 13.68 ft above land-surface datum.

REMARKS.--Water level affected by tidal fluctuation.

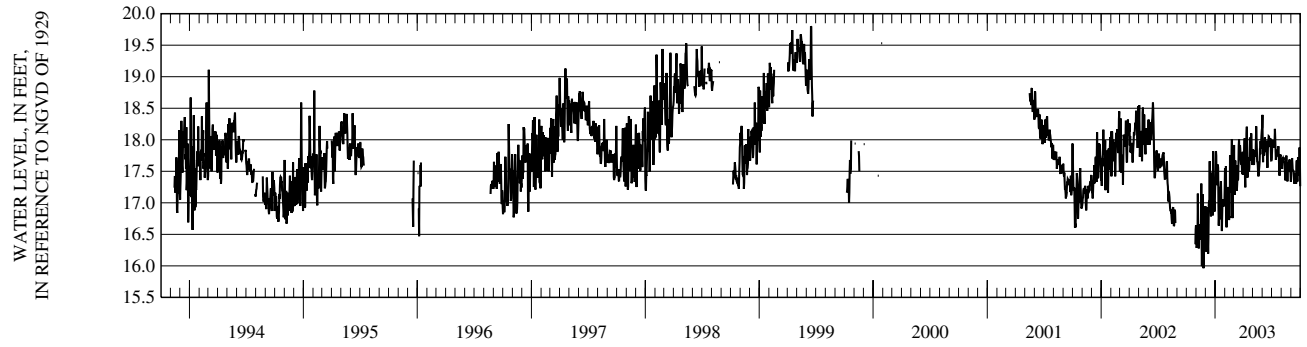
PERIOD OF RECORD.--September 1962 to current year. Unpublished records from September 1962 to September 1975 are available in files of the Long Island Subdistrict office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.10 ft above sea level, March 16, 1976; lowest measured, 15.13 ft above sea level, June 2, 1972.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	16.55	16.70	17.28	16.83	17.53	18.02	17.60	17.97	17.91	17.70	17.62
10	---	16.58	16.46	17.55	17.25	17.29	17.76	17.76	17.80	18.00	17.66	17.41
15	---	16.42	17.01	16.96	16.78	17.37	17.46	17.66	17.89	17.73	17.51	17.43
20	---	16.36	17.48	17.09	17.16	17.69	17.57	17.45	17.98	17.74	17.34	17.41
25	---	16.08	17.82	16.97	16.76	17.62	17.72	17.77	17.91	17.47	17.52	17.52
EOM	16.64	16.95	17.18	17.22	17.61	17.64	17.60	18.20	17.67	17.60	17.34	17.26
MEAN	---	16.53	16.87	17.14	17.19	17.58	17.71	17.79	17.88	17.80	17.57	17.51
MAX	---	17.31	17.82	17.82	18.01	18.01	18.21	18.21	18.39	18.17	17.75	17.88
MIN	---	15.96	16.19	16.55	16.61	17.13	17.25	17.42	17.56	17.43	17.34	17.26

WTR YR 2003 MEAN 17.41 MAX 18.39 MIN 15.96



SUFFOLK COUNTY—Continued

403727073154503. Local number, S21311.1

LOCATION.--Lat 40°37'28", long 73°15'48", Hydrologic Unit 02030202, at Robert Moses State Park, in water treatment building, Fire Island. Owner: Long Island State Park Commission.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 721 ft, screened 711 to 721 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 10.0 ft above sea level. Measuring point: Top of casing, 20.01 ft above land-surface datum.

REMARKS.--Water level affected by tidal fluctuation.

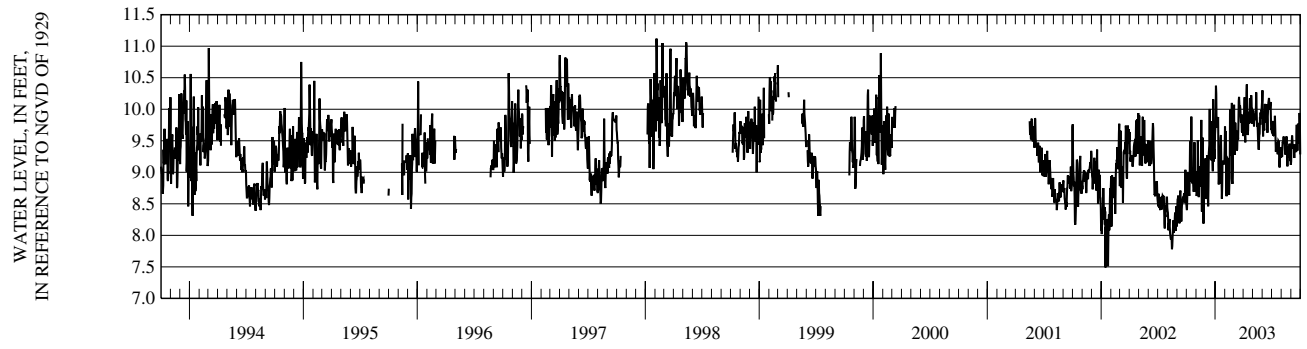
PERIOD OF RECORD.--November 1962 to current year. Unpublished records from November 1962 to September 1975 are available in files of the Long Island Subdistrict office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.04 ft above sea level, January 25, 1979; lowest measured, 5.35 ft above sea level, February 23, 1972.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.91	9.01	9.04	9.70	8.79	9.62	10.19	9.73	9.92	9.60	9.49	9.51
10	8.63	8.99	8.78	9.88	9.21	9.44	10.01	9.84	9.79	9.68	9.53	9.39
15	9.13	8.78	9.22	9.17	8.83	9.52	9.61	9.73	9.94	9.40	9.38	9.39
20	8.82	8.82	9.81	9.15	9.26	10.0	9.77	9.36	10.10	9.29	9.09	9.45
25	8.76	8.40	10.16	9.15	8.82	9.82	9.87	9.75	9.99	9.12	9.24	9.59
EOM	9.02	9.22	9.60	9.40	9.76	9.75	9.77	10.14	9.69	9.23	9.12	9.28
MEAN	8.93	8.92	9.20	9.36	9.25	9.74	9.89	9.83	9.92	9.48	9.36	9.48
MAX	9.88	9.83	10.16	10.37	10.10	10.20	10.39	10.27	10.30	9.90	9.57	9.94
MIN	8.40	8.19	8.46	8.58	8.62	9.28	9.47	9.36	9.57	9.08	9.09	9.17

WTR YR 2003 MEAN 9.45 MAX 10.39 MIN 8.19



SUFFOLK COUNTY—Continued

404813073101101. Local number, S24771.2

LOCATION.--Lat 40°48'13", long 73°10'11", Hydrologic Unit 02030202, at southwest corner of Wicks Road and Long Island Expressway service road, Brentwood. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 110 ft, screened 100 to 105 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 134.0 ft above sea level. Measuring point: Top of coupling, 0.60 ft below land-surface datum.

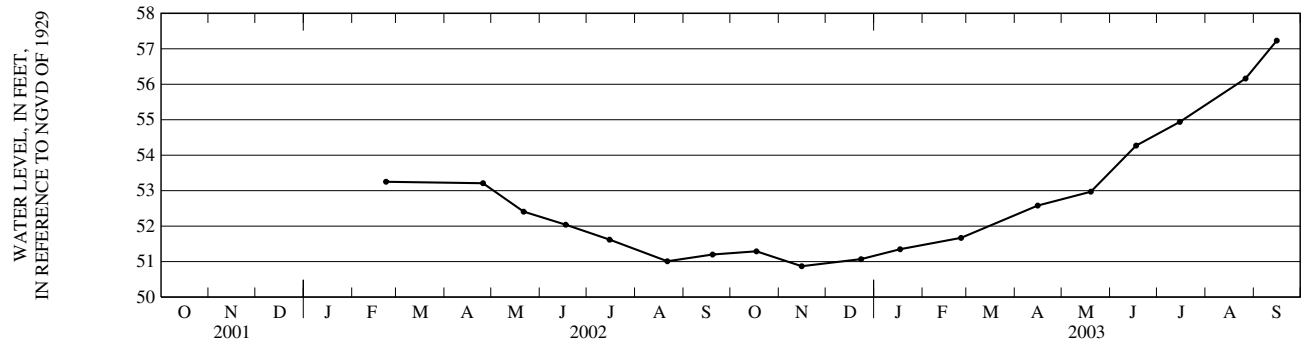
REMARKS.--Replaced well S24771.2 in October 2000 near same location.

PERIOD OF RECORD.--October 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.23 ft above sea level, September 15, 2003; lowest measured, 50.87 ft above sea level, November 15, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	51.29	DEC 23	51.07	FEB 25	51.67	MAY 19	52.97	JUL 15	54.94	SEP 15	57.23
NOV 15	50.87	JAN 17	51.35	APR 15	52.58	JUN 17	54.27	AUG 26	56.16		



SUFFOLK COUNTY—Continued

404935073055901. Local number, S33379.1

LOCATION.--Lat 40°49'32", long 73°05'59", Hydrologic Unit 02030202, at Duncan Avenue and Portion Road, in pumping center, in recorder shelter, Lake Ronkonkoma. Owner: Suffolk County Water Authority.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 1,305 ft, screened 1,290 to 1,300 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 134.0 ft above sea level. Measuring point: Top of casing, 2.34 ft above land-surface datum.

REMARKS.--Water level affected by nearby pumping.

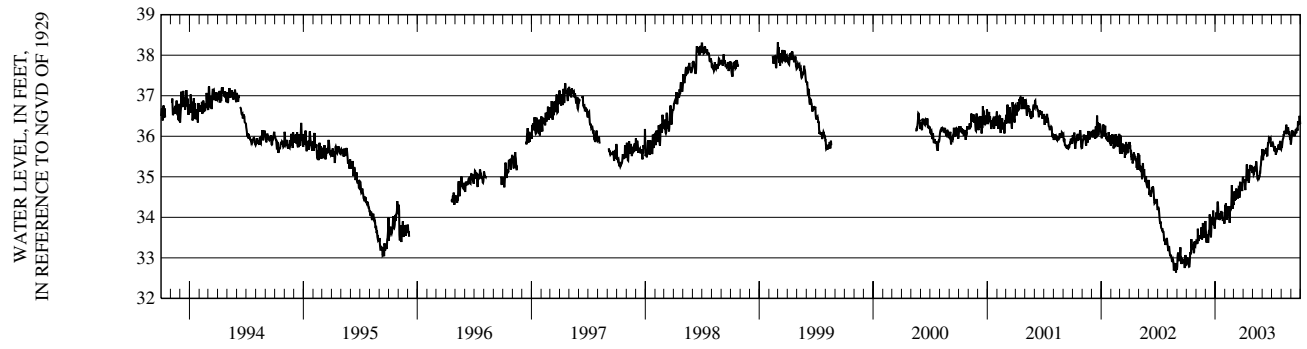
PERIOD OF RECORD.--October 1968 to current year. Unpublished records from October 1968 to September 1975 are available in files of the Long Island Subdistrict office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.92 ft above sea level, June 5, 1979; lowest recorded, 32.62 ft above sea level, August 28, 2002.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	33.00	33.35	33.54	33.96	34.13	34.64	34.94	35.07	35.65	35.82	35.91	36.13
10	32.79	33.51	33.49	34.24	34.26	34.55	34.95	35.22	35.56	35.63	36.10	36.03
15	33.13	33.51	33.91	33.96	33.99	34.51	35.06	35.05	35.67	35.59	36.15	36.13
20	33.33	33.48	34.01	34.16	34.20	34.57	34.98	34.99	35.83	35.67	36.10	36.19
25	33.14	33.54	34.17	33.92	34.27	34.73	35.16	35.11	35.90	35.67	36.09	36.32
EOM	33.38	33.91	33.86	33.95	34.35	34.98	35.09	35.51	35.77	35.68	35.80	36.30
MEAN	33.13	33.55	33.74	34.03	34.22	34.65	35.03	35.17	35.71	35.72	36.03	36.15
MAX	33.46	33.91	34.17	34.39	34.80	34.98	35.30	35.53	35.98	35.89	36.28	36.51
MIN	32.78	33.34	33.37	33.84	33.86	34.31	34.67	34.94	35.41	35.54	35.73	35.86

WTR YR 2003 MEAN 34.76 MAX 36.51 MIN 32.78



SUFFOLK COUNTY—Continued

404932073055902. Local number, S33380.1

LOCATION.--Lat 40°49'32", long 73°05'59", Hydrologic Unit 02030202, at Duncan Avenue and Portion Road, in pumping center, in recorder shelter, Lake Ronkonkoma. Owner: Suffolk County Water Authority.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 855 ft, screened 840 to 850 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 133.5 ft above sea level. Measuring point: Top of casing, 2.13 ft above land-surface datum.

REMARKS.--Water level affected by nearby pumping.

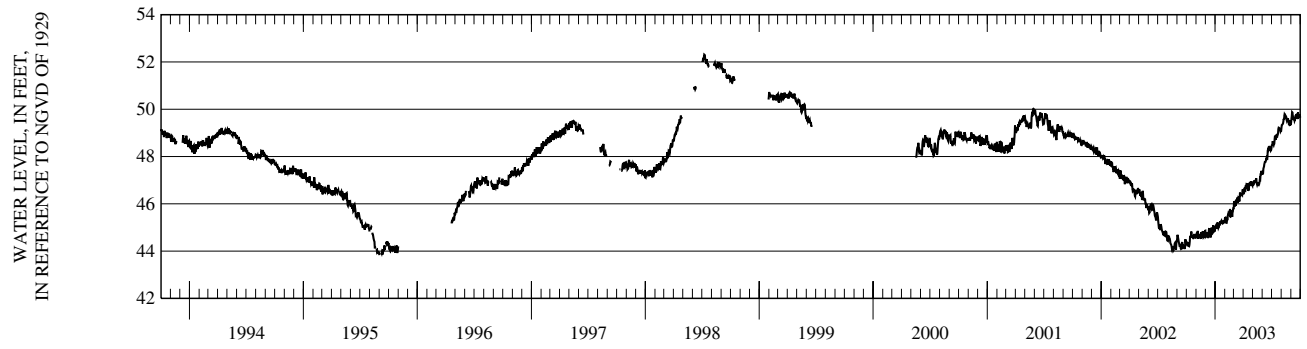
PERIOD OF RECORD.--October 1968 to current year. Unpublished records from October 1968 to September 1975 are available in files of the Long Island Subdistrict office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 54.30 ft above sea level, April 27, 1979; lowest recorded, 43.83 ft above sea level, September 1, 1995.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	44.36	44.64	44.80	44.95	45.20	46.12	46.68	46.84	47.53	48.58	49.38	49.86
10	44.26	44.64	44.70	45.06	45.51	46.06	46.71	46.99	47.74	48.73	49.68	49.66
15	44.64	44.55	44.67	45.15	45.53	46.17	46.85	46.81	47.91	48.81	49.71	49.72
20	44.62	44.66	44.99	45.28	45.60	46.23	46.78	46.78	48.27	48.94	49.58	49.70
25	44.55	44.60	45.09	45.23	45.64	46.37	46.78	47.05	48.37	49.20	49.46	49.71
EOM	44.64	44.86	44.99	45.31	45.82	46.56	46.77	47.23	48.37	49.09	49.33	49.65
MEAN	44.51	44.67	44.78	45.15	45.52	46.22	46.72	46.98	47.96	48.85	49.51	49.68
MAX	44.83	44.86	45.09	45.31	45.82	46.61	46.95	47.40	48.39	49.22	49.78	49.88
MIN	44.21	44.52	44.55	44.95	45.20	45.82	46.40	46.78	47.26	48.48	49.22	49.47

WTR YR 2003 MEAN 46.72 MAX 49.88 MIN 44.21



SUFFOLK COUNTY—Continued

405040072414801. Local number, S34743.1

LOCATION.--Lat 40°50'40", long 72°41'48", Hydrologic Unit 02030202, at north side of dirt road, 120 ft east of Speonk- Riverhead Road, 0.6 mi south of Sunrise Highway (State Route 27), northernmost well, Speonk. Owner: Suffolk County Water Authority.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, access pipe diameter 4 in., casing diameter 12 in., depth 1,226 ft, screened 1,077 to 1,117 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

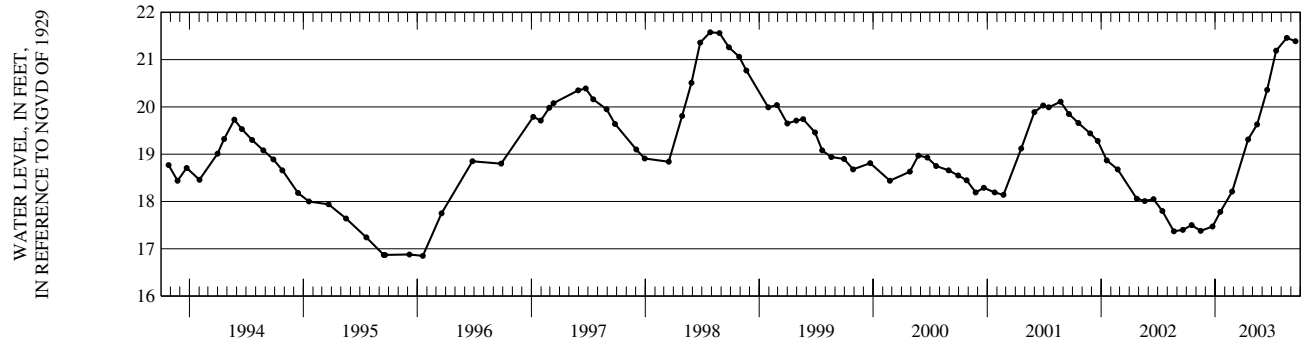
DATUM.--Land-surface datum is 64.0 ft above sea level. Measuring point: Top of coupling, 2.94 ft above land-surface datum.

PERIOD OF RECORD.--March 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.24 ft above sea level, April 2, 1979; lowest measured, 16.18 ft above sea level, March 18, 1982.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	17.50	DEC 23	17.47	FEB 24	18.21	MAY 15	19.63	JUL 15	21.19	SEP 15	21.39
NOV 15	17.38	JAN 17	17.78	APR 16	19.31	JUN 16	20.36	AUG 18	21.46		



405517072574902. Local number, S34892.1

LOCATION.--Lat 40°55'19", long 72°57'49", Hydrologic Unit 02030202, at east side of Radio Avenue, 1.3 mi south of Nesconset Road (State Route 25A), northernmost well, Rocky Point. Owner: Suffolk County Water Authority.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 138 ft, screened 124 to 138 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

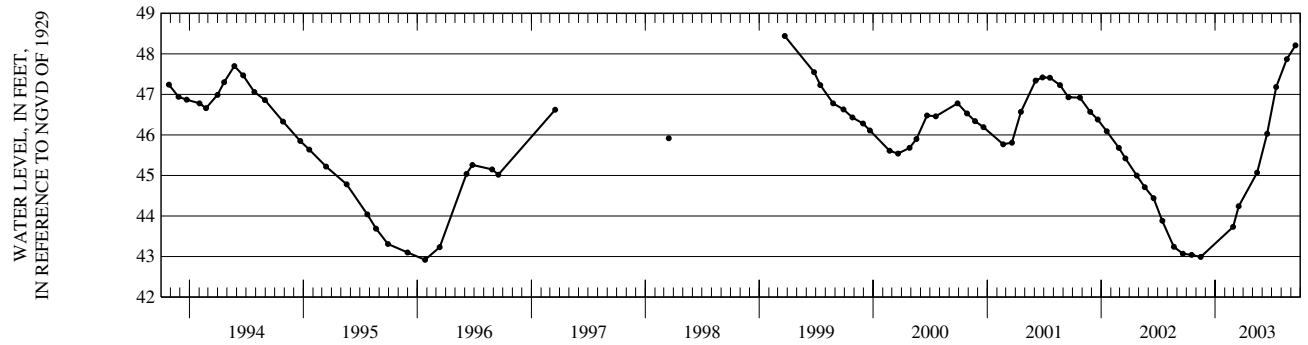
DATUM.--Land-surface datum is 122.4 ft above sea level. Measuring point: Top of casing, 0.78 ft above land-surface datum.

PERIOD OF RECORD.--July 1970 to current year. Unpublished records from July 1970 to September 1975 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 52.82 ft above sea level, September 15, 1984; lowest measured, 42.17 ft above sea level, March 21, 1972.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	43.04	FEB 27	43.73	MAY 15	45.07	JUL 15	47.18	SEP 15	48.21		
NOV 15	42.99	MAR 17	44.24	JUN 16	46.03	AUG 18	47.87				



SUFFOLK COUNTY—Continued

404640073050201. Local number, S36144.1

LOCATION.--Lat 40°46'40", long 73°05'02", Hydrologic Unit 02030202, at east side of Lincoln Avenue, south of Veterans Memorial Highway (State Route 454), Bohemia. Owner: Town of Islip.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 53 ft, screen assumed at bottom.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

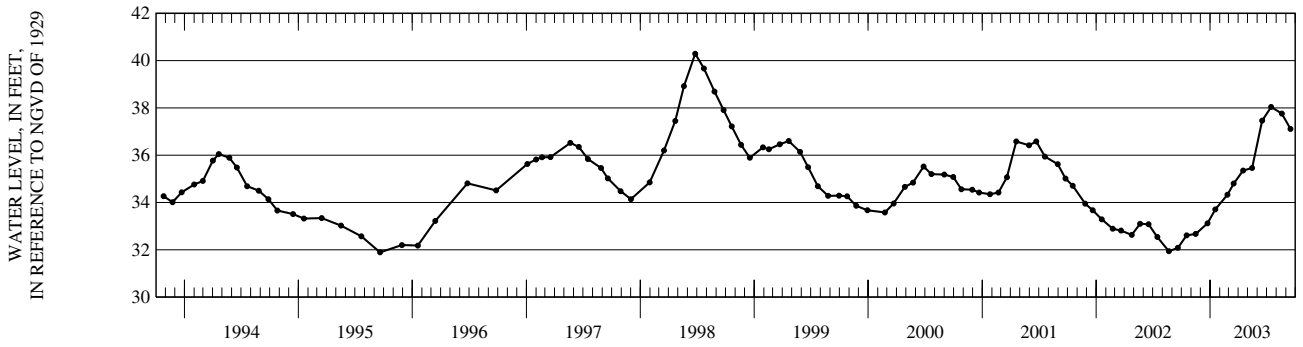
DATUM.--Land-surface datum is 54.0 ft above sea level. Measuring point: Top of casing, 1.84 ft above land-surface datum.

PERIOD OF RECORD.--October 1969 to current year. Unpublished records from October 1969 to September 1977 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.29 ft above sea level, June 25, 1998; lowest measured, 31.88 ft above sea level, December 15, 1981.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	32.61	DEC 23	33.12	FEB 25	34.33	APR 16	35.35	JUN 16	37.46	AUG 18	37.76
NOV 15	32.67	JAN 17	33.71	MAR 17	34.80	MAY 15	35.46	JUL 15	38.04	SEP 15	37.11



410400072195301. Local number, S38461.1

LOCATION.--Lat 41°04'00", long 72°19'53", Hydrologic Unit 02030202, at south side of Congdon Road and east side of Ram Island Road, Shelter Island. Owner: Shelter Island Fire Department.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel fire-protection well, diameter 6 in., depth not reported, screen assumed at bottom.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

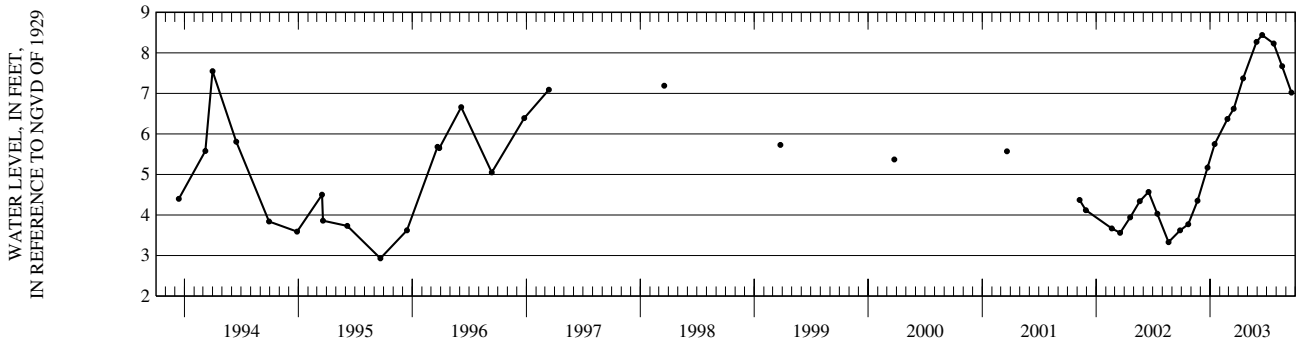
DATUM.--Land-surface datum is 12.0 ft above sea level. Measuring point: Top of coupling, 1.82 ft above land-surface datum.

PERIOD OF RECORD.--October 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.44 ft above sea level, June 16, 2003; lowest measured, 2.84 ft above sea level, January 26, 1981.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	3.77	DEC 23	5.17	FEB 25	6.37	APR 16	7.37	JUN 16	8.44	AUG 19	7.67
NOV 21	4.35	JAN 15	5.75	MAR 17	6.62	MAY 29	8.27	JUL 23	8.23	SEP 18	7.02



SUFFOLK COUNTY—Continued

405013073263601. Local number, S40840.1

LOCATION.--Lat 40°50'13", long 73°26'36", Hydrologic Unit 02030201, at intersection of Cold Spring Hill Road, Ledgewood Drive, and West Rogues Path, on grass island, Huntington. Owner: Town of Huntington.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 79 ft, screened 77 to 79 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

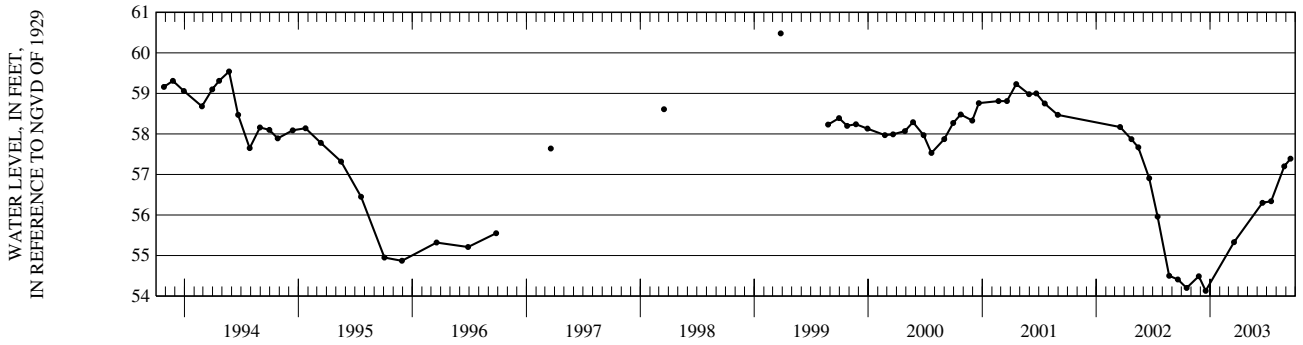
DATUM.--Land-surface datum is 131.5 ft above sea level. Measuring point: Top of coupling, 0.03 ft below land-surface datum.

PERIOD OF RECORD.--August 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 67.02 ft above sea level, December 10, 1984; lowest measured, 54.13 ft above sea level, December 17, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	54.20	DEC 17	54.13	JUN 17	56.30	AUG 26	57.20				
NOV 25	54.49	MAR 18	55.33	JUL 15	56.34	SEP 15	57.39				



405124073111501. Local number, S40843.1

LOCATION.--Lat 40°51'24", long 73°11'15", Hydrologic Unit 02030201, at intersection of Nissequogue River Road and North Country Road (State Route 25A), just north of Middle Country Road (State Route 25), on grass island, Smithtown. Owner: Town of Smithtown.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 44 ft, screened 41 to 44 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

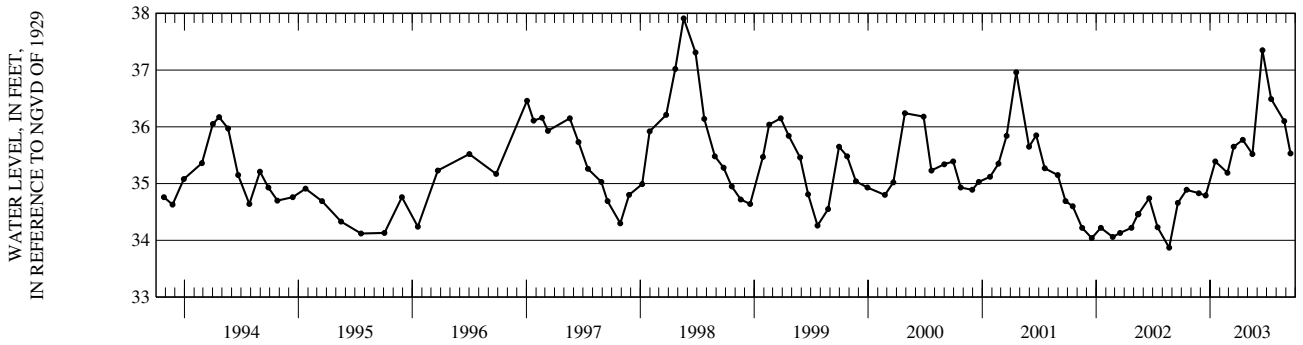
DATUM.--Land-surface datum is 66.0 ft above sea level. Measuring point: Top of coupling, 0.01 ft below land-surface datum.

PERIOD OF RECORD.--July 1971 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 37.93 ft above sea level, March 27, 1979; lowest measured, 33.84 ft above sea level, July 9, 1971.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	34.89	DEC 17	34.79	FEB 25	35.19	APR 15	35.77	JUN 17	37.35	AUG 26	36.10
NOV 25	34.83	JAN 17	35.39	MAR 17	35.65	MAY 16	35.52	JUL 15	36.49	SEP 15	35.53



SUFFOLK COUNTY—Continued

405230073212101. Local number, S46517.1

LOCATION.--Lat 40°52'30", long 73°21'21", Hydrologic Unit 02030201, at southeast corner of Stony Hollow Road and Maple Road, Huntington. Owner: Town of Huntington.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 66 ft, screened 63 to 66 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

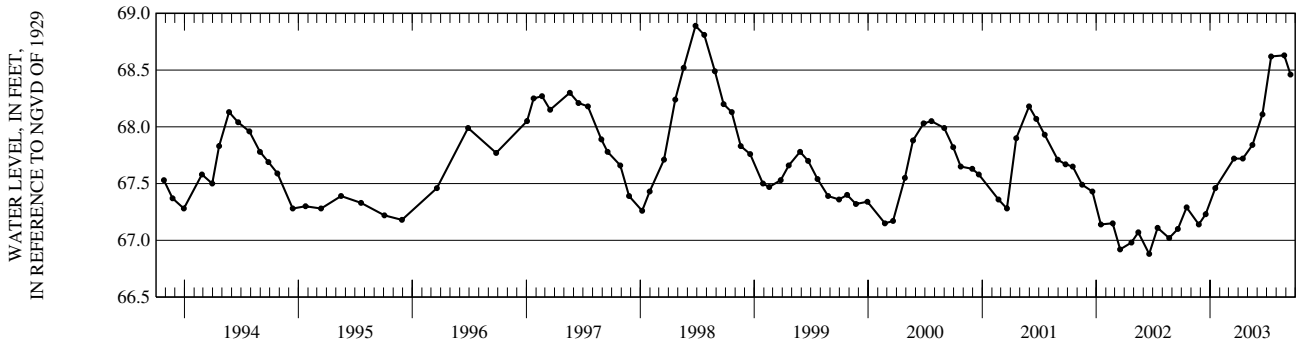
DATUM.--Land-surface datum is 123.5 ft above sea level. Measuring point: Top of casing, 0.03 ft above land-surface datum.

PERIOD OF RECORD.--September 1979 to current year. Unpublished records from September 1979 to September 1982 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 69.61 ft above sea level, June 11, 1984; lowest measured, 66.87 ft above sea level, August 23, 1988.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	67.29	DEC 17	67.23	MAR 18	67.72	MAY 16	67.84	JUL 15	68.62	SEP 15	68.46
NOV 25	67.14	JAN 17	67.46	APR 15	67.72	JUN 17	68.11	AUG 26	68.63		



405602072221802. Local number, S46529.2

LOCATION.--Lat 40°56'02", long 72°22'48", Hydrologic Unit 02030202, at intersection of Water Mill Road and Edge of Woods Road, at grass triangle, 43 ft east of Water Mill Road and 36 ft west of Edge of Woods Road, Deerfield. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 81 ft, screened 77 to 81 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

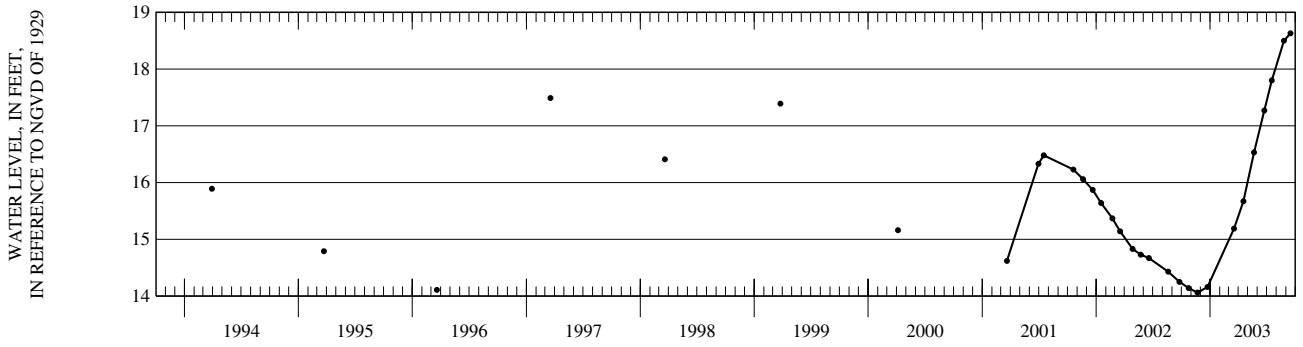
DATUM.--Land-surface datum is 70.0 ft above sea level. Measuring point: Top of coupling, 0.75 ft below land-surface datum.

PERIOD OF RECORD.--March 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.97 ft above sea level, October 3, 1984; lowest measured, 13.39 ft above sea level, December 2, 1986.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	14.14	DEC 23	14.16	APR 17	15.67	JUN 23	17.27	AUG 25	18.50		
NOV 21	14.06	MAR 18	15.19	MAY 21	16.53	JUL 17	17.80	SEP 15	18.63		



SUFFOLK COUNTY—Continued

405536072375303. Local number, S47231.2

LOCATION.--Lat 40°55'36", long 72°37'53", Hydrologic Unit 02030202, at Indian Island County Park, north side of main entrance road, 41 ft south of restroom facilities, Riverhead. Owner: Suffolk County Department of Health Services.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 41 ft, screened 39 to 41 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 21.0 ft above sea level. Measuring point: Top of coupling, 0.64 ft below land-surface datum.

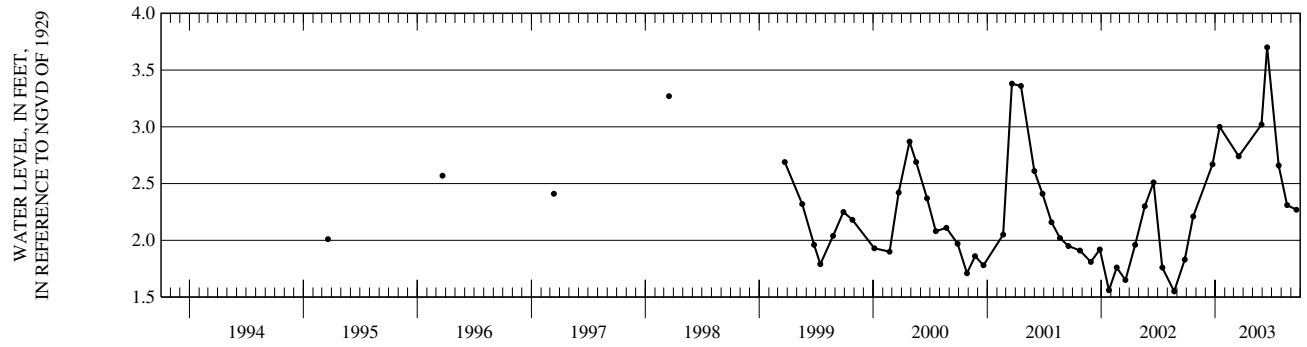
REMARKS.--Replaced well S47231.1 in March 1995 near same location.

PERIOD OF RECORD.--March 1995 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.70 ft above sea level, June 16, 2003; lowest measured, 1.55 ft above sea level, August 22, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	2.21	JAN 15	3.00	MAY 29	3.02	JUL 23	2.66	SEP 18	2.27		
DEC 23	2.67	MAR 17	2.74	JUN 16	3.70	AUG 19	2.31				



405604073064301. Local number, S47973.1

LOCATION.--Lat 40°56'04", long 73°06'43", Hydrologic Unit 02030201, at north side of State Route 25A, 189 ft west of Ridgeway Avenue, Setauket. Owner: Suffolk County Department of Health Services.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 90 ft, screened 78 to 88 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

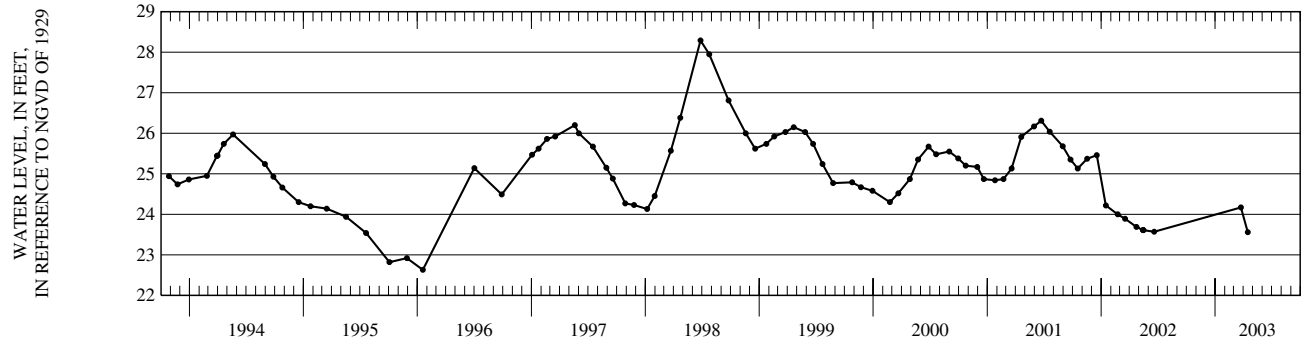
DATUM.--Land-surface datum is 94.0 ft above sea level. Measuring point: Top of 6-in steel flange, 2.43 ft below land-surface datum.

PERIOD OF RECORD.--January 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.29 ft above sea level, June 26, 1998; lowest measured, 20.83 ft above sea level, March 5, 1980.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 24	24.17	APR 15	23.56



SUFFOLK COUNTY—Continued

410149071583201. Local number, S48577.1

LOCATION.--Lat 41°01'49", long 71°58'32", Hydrologic Unit 02030202, at north side of Montauk Point State Parkway (State Route 27), 19 ft east of entrance to East Hampton Disposal and Recycling Center, Montauk. Owner: Suffolk County Department of Health Services.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 189 ft, screened 173 to 183 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

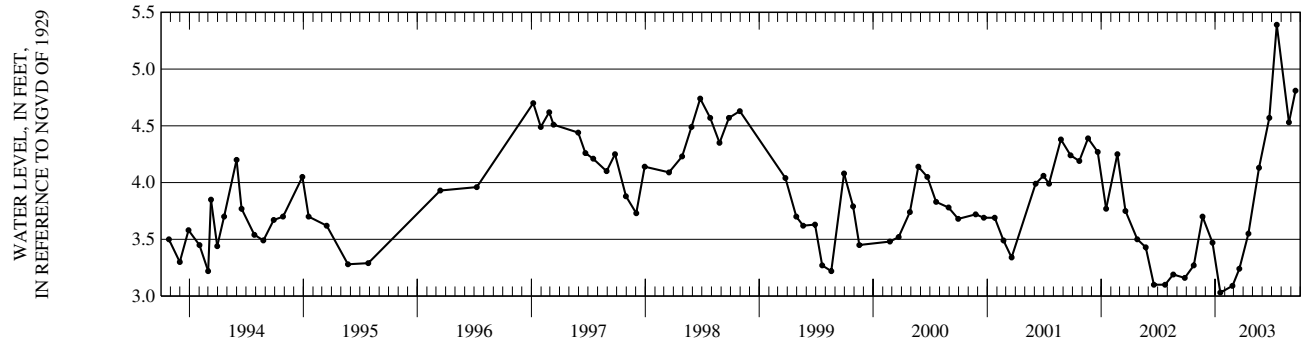
DATUM.--Land-surface datum is 168.1 ft above sea level. Measuring point: Top of 6-in steel flange, 1.61 ft below land-surface datum.

PERIOD OF RECORD.--January 1974 to current year. Unpublished records from January 1974 to September 1983 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.39 ft above sea level, July 17, 2003; lowest measured, 0.54 ft below sea level, May 5, 1981.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	3.27	DEC 23	3.47	FEB 25	3.09	APR 17	3.55	JUN 23	4.57	AUG 25	4.53
NOV 21	3.70	JAN 17	3.03	MAR 19	3.24	MAY 21	4.13	JUL 17	5.39	SEP 15	4.81



410316071535501. Local number, S48579.1

LOCATION.--Lat 41°03'16", long 71°53'54", Hydrologic Unit 02030202, at north side of Montauk Point State Parkway (State Route 27), adjacent to intersection with Old Montauk Highway, Montauk. Owner: Suffolk County Department of Health Services.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 66 ft, screened 53 to 56 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

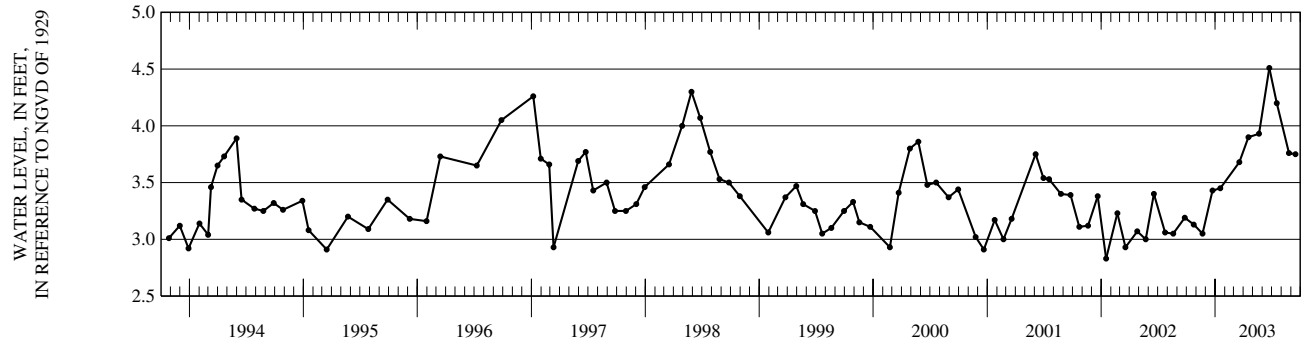
DATUM.--Land-surface datum is 38.6 ft above sea level. Measuring point: Top of 6-in steel flange, 1.55 ft below land-surface datum.

PERIOD OF RECORD.--January 1974 to current year. Unpublished records from January 1974 to September 1983 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.51 ft above sea level, June 23, 2003; lowest measured, 2.46 ft above sea level, December 22, 1976.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	3.13	DEC 23	3.43	MAR 19	3.68	MAY 21	3.93	JUL 17	4.20	SEP 15	3.75
NOV 21	3.05	JAN 17	3.45	APR 17	3.90	JUN 23	4.51	AUG 25	3.76		



SUFFOLK COUNTY—Continued

405309073125401. Local number, S50507.1

LOCATION.--Lat 40°53'09", long 73°12'54", Hydrologic Unit 02030201, at east side of Landing Avenue, 1.5 mi north of Spruce Street, San Remo. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 80 ft, screened 76 to 80 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

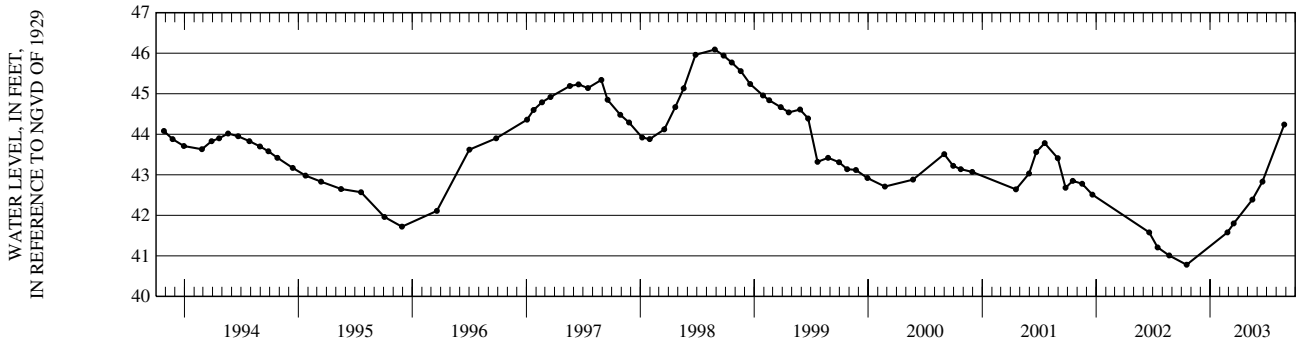
DATUM.--Land-surface datum is 90.3 ft above sea level. Measuring point: Top of coupling, 0.01 ft above land-surface datum.

PERIOD OF RECORD.--December 1973 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 46.23 ft above sea level, September 19, 1984; lowest measured, 40.78 ft above sea level, October 17, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	40.78	FEB 25	41.58	MAR 17	41.80	MAY 16	42.39	JUN 17	42.83	AUG 26	44.24



410349072222201. Local number, S51169.1

LOCATION.--Lat 41°03'49", long 72°22'23", Hydrologic Unit 02030202, at west side of Rocky Point Avenue, 400 ft south of Belvedere Avenue, West Neck, Shelter Island. Owner: Suffolk County Department of Environmental Conservation.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 56 ft, screened 44 to 54 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

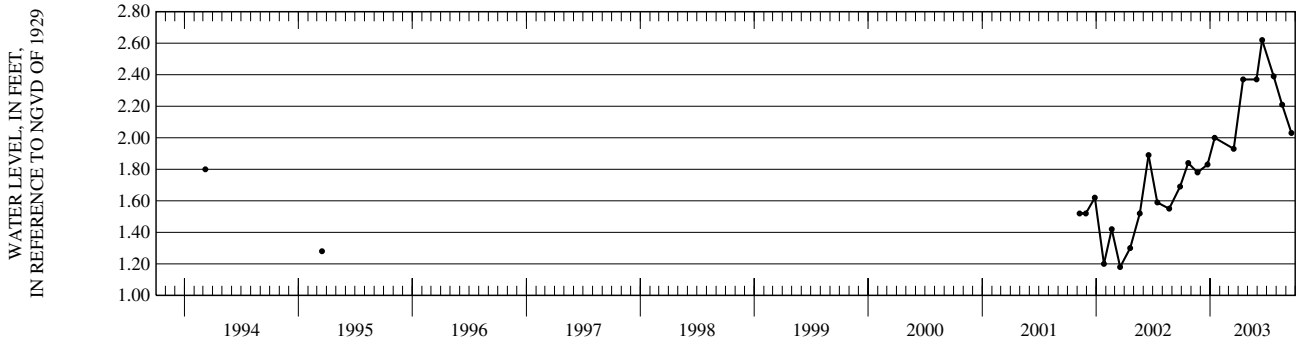
DATUM.--Land-surface datum is 32.3 ft above sea level. Measuring point: Top of flange in manhole, 1.82 ft below land-surface datum.

PERIOD OF RECORD.--June 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.61 ft above sea level, June 11, 1982; lowest measured, 0.98 ft above sea level, December 21, 1976.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	1.84	DEC 23	1.83	MAR 17	1.93	MAY 29	2.37	JUL 23	2.39	SEP 18	2.03
NOV 21	1.78	JAN 15	2.00	APR 16	2.37	JUN 16	2.62	AUG 19	2.21		



SUFFOLK COUNTY—Continued

410311072215501. Local number, S51170.1

LOCATION.--Lat 41°03'11", long 72°21'55", Hydrologic Unit 02030202, at west side of Nostrand (Brander) Parkway, 100 ft south of Lilliput Lane, West Neck, Shelter Island. Owner: Suffolk County Department of Environmental Conservation.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 33 ft, screened 21 to 31 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

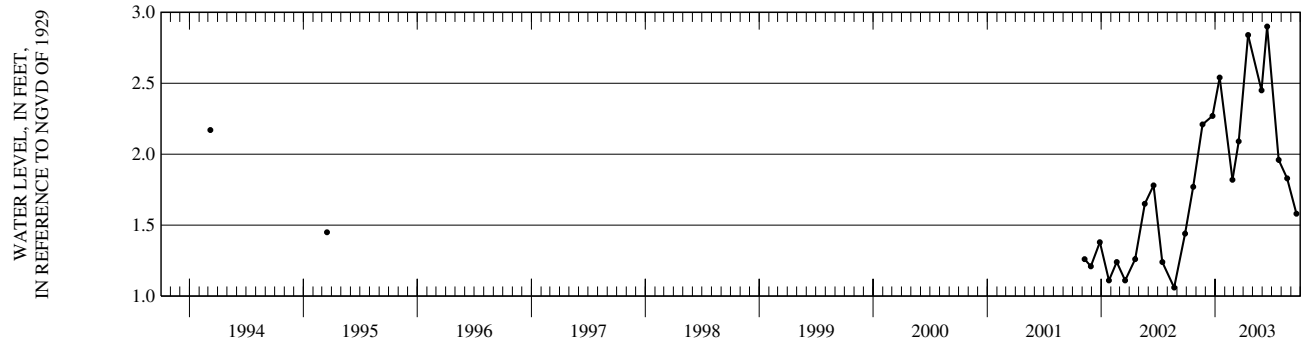
DATUM.--Land-surface datum is 8.8 ft above sea level. Measuring point: Top of flange in manhole, 1.76 ft below land-surface datum.

PERIOD OF RECORD.--June 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.72 ft above sea level, June 11, 1982; lowest measured, 0.84 ft above sea level, September 13, 1980.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	1.77	DEC 23	2.27	FEB 25	1.82	APR 16	2.84	JUN 16	2.90	AUG 19	1.83
NOV 21	2.21	JAN 15	2.54	MAR 17	2.09	MAY 29	2.45	JUL 23	1.96	SEP 18	1.58



410430072202301. Local number, S51176.1

LOCATION.--Lat 41°04'30", long 72°20'23", Hydrologic Unit 02030202, at southeast corner of Ferry Road (Route 114) and Manwaring Road, Shelter Island. Owner: Suffolk County Department of Environmental Conservation.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 60 ft, screened 47 to 57 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

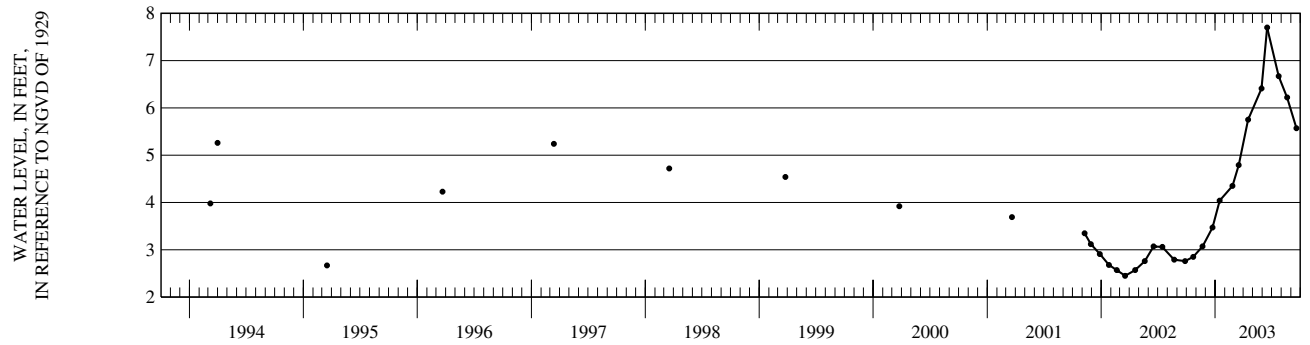
DATUM.--Land-surface datum is 39.6 ft above sea level. Measuring point: Top of flange in manhole, 1.88 ft below land-surface datum.

PERIOD OF RECORD.--June 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.70 ft above sea level, June 16, 2003; lowest measured, 2.42 ft above sea level, December 12, 1981.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	2.85	DEC 23	3.47	FEB 25	4.35	APR 16	5.75	JUN 16	7.70	AUG 19	6.22
NOV 21	3.07	JAN 15	4.04	MAR 17	4.79	MAY 29	6.41	JUL 23	6.67	SEP 18	5.57



SUFFOLK COUNTY—Continued

410316072192901. Local number, S51177.1

LOCATION.--Lat 41°03'16", long 72°19'29", Hydrologic Unit 02030202, at east side of Route 114, 58 ft north of Valley Road, Shelter Island. Owner: Suffolk County Department of Environmental Conservation.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 60 ft, screened 27 to 37 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

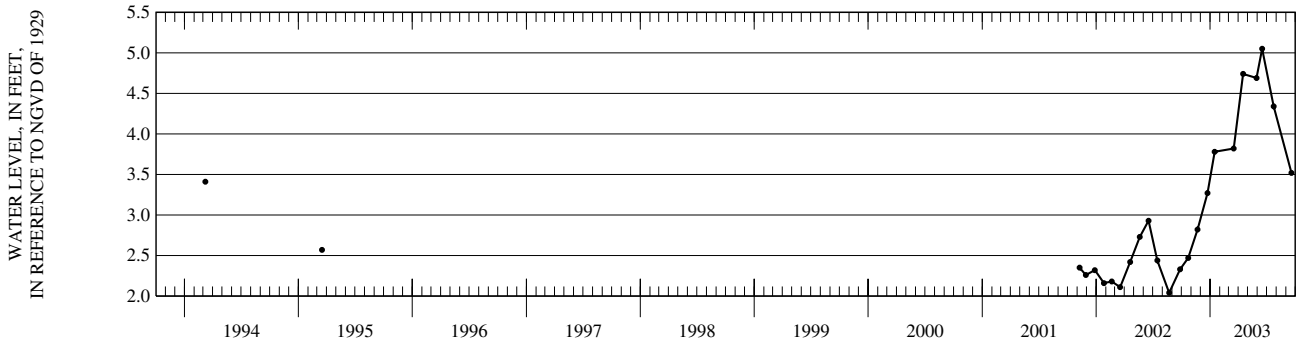
DATUM.--Land-surface datum is 17.5 ft above sea level. Measuring point: Top of flange in manhole, 1.58 ft below land-surface datum.

PERIOD OF RECORD.--June 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.22 ft above sea level, June 11, 1982; lowest measured, 1.90 ft above sea level, December 10, 1980.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	2.47	DEC 23	3.27	MAR 17	3.82	MAY 29	4.69	JUL 23	4.34		
NOV 21	2.82	JAN 15	3.78	APR 16	4.74	JUN 16	5.05	SEP 18	3.52		



410334072172701. Local number, S51183.1

LOCATION.--Lat 41°03'32", long 72°17'29", Hydrologic Unit 02030202, at west side of main trail in Mashomack Preserve, Shelter Island. Owner: Suffolk County Department of Environmental Conservation.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 51 ft, screened 39 to 49 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

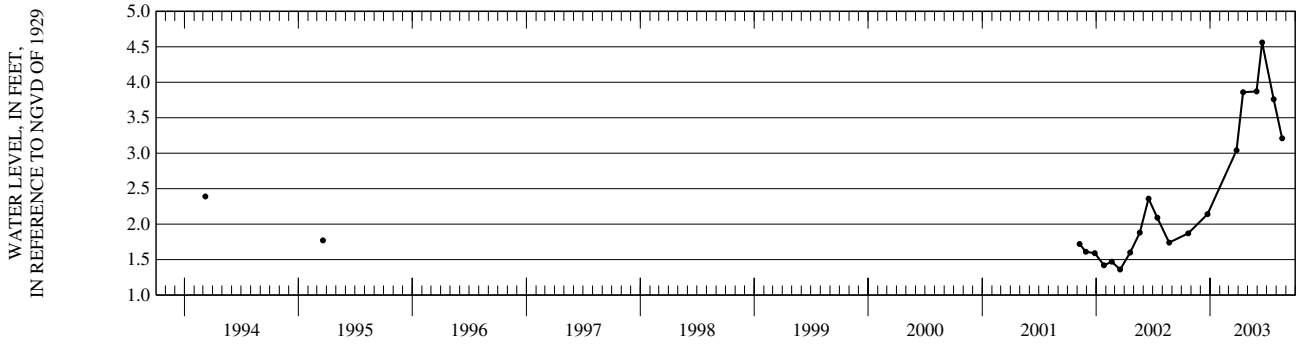
DATUM.--Land-surface datum is 41 ft above sea level. Measuring point: Top of flange in manhole, 8.03 ft below land-surface datum.

PERIOD OF RECORD.--June 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.56 ft above sea level, June 16, 2003; lowest measured, 1.28 ft above sea level, December 10, 1980.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	1.87	MAR 26	3.04	MAY 29	3.87	JUL 23	3.76				
DEC 23	2.14	APR 16	3.86	JUN 16	4.56	AUG 19	3.21				



SUFFOLK COUNTY—Continued

410516072200901. Local number, S52084.1

LOCATION.--Lat 41°05'16", long 72°20'09", Hydrologic Unit 02030202, at east side of Manhanset Road, 143 ft north of Cobbets Lane, Shelter Island. Owner: Suffolk County Department of Environmental Conservation.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 74 ft, screen assumed at bottom.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

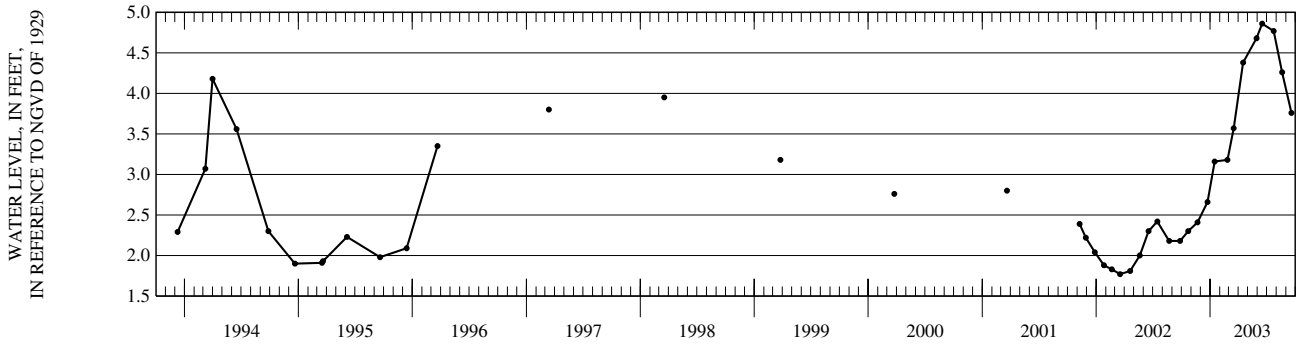
DATUM.--Land-surface datum is 28.4 ft above sea level. Measuring point: Top of casing, 1.45 ft below land-surface datum.

PERIOD OF RECORD.--July 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.21 ft above sea level, March 5, 1979; lowest measured, 1.71 ft above sea level, March 9, 1981.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	2.30	DEC 23	2.66	FEB 25	3.18	APR 16	4.38	JUN 16	4.86	AUG 19	4.26
NOV 21	2.41	JAN 15	3.16	MAR 17	3.57	MAY 29	4.68	JUL 23	4.77	SEP 18	3.76



404357072515701. Local number, S52162.1

LOCATION.--Lat 40°43'57", long 72°51'57", Hydrologic Unit 02030202, at Smith Point County Park, 50 ft south of traffic circle, easternmost well. Owner: Suffolk County Department of Health Services.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled steel private supply well, diameter 4 in., depth 1,695 ft, screened 1,670 to 1,690 ft.

INSTRUMENTATION.--Measurement with clear plastic tube extension and stadia rod by United States Geological Survey personnel.

DATUM.--Land-surface datum is 18.0 ft above sea level. Measuring point: Top of coupling, 1.19 ft above land-surface datum.

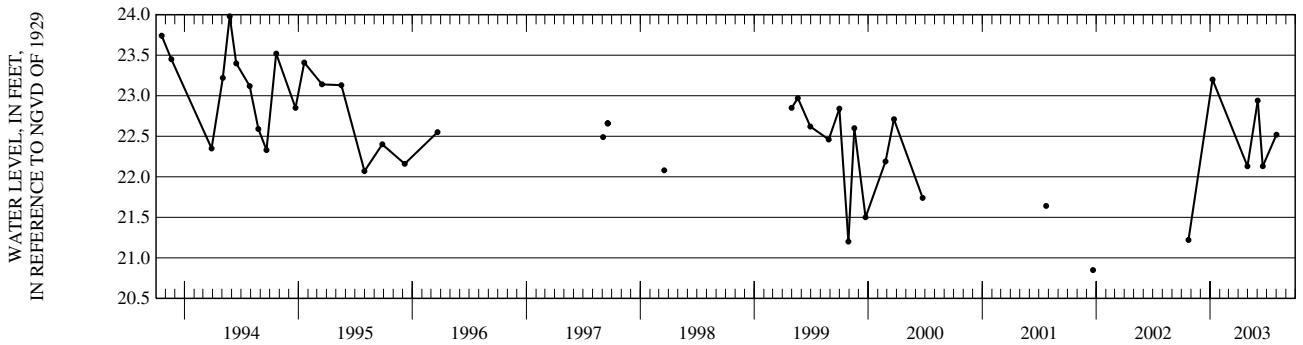
REMARKS.--Water level affected by tidal fluctuation.

PERIOD OF RECORD.--September 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.66 ft above sea level, January 17, 1985; lowest measured, 19.96 ft above sea level, March 8, 1988.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	21.22	JAN 08	23.20	APR 30	22.13	JUN 02	22.94	JUN 18	22.13	AUG 01	22.52



SUFFOLK COUNTY—Continued

404357072515702. Local number, S52163.1

LOCATION.--Lat 40°43'57", long 72°51'57", Hydrologic Unit 02030202, at Smith Point County Park, 50 ft south of traffic circle, middle well. Owner: Suffolk County Department of Health Services.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 1,305 ft, screened 1,279 to 1,300 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 17.0 ft above sea level. Measuring point: Top of casing, 4.01 ft above land-surface datum.

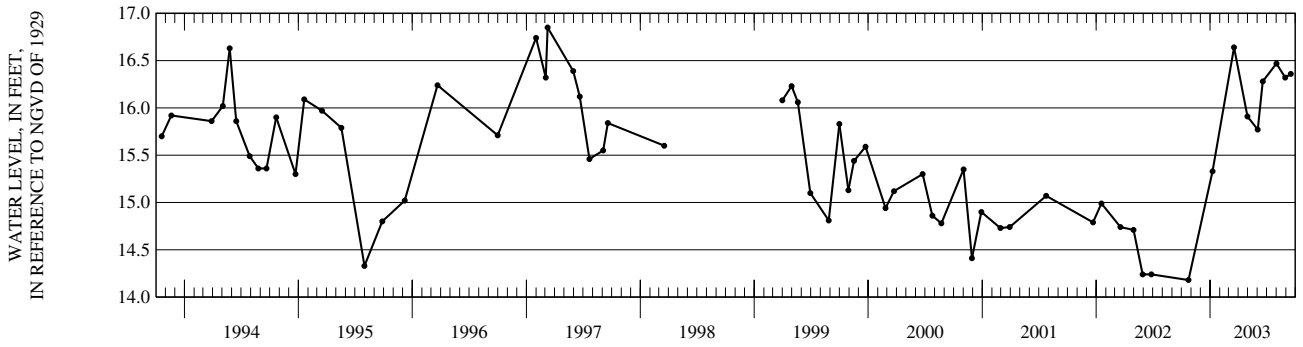
REMARKS.--Water level affected by tidal fluctuation.

PERIOD OF RECORD.--December 1974 to December 1982 and September 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.10 ft above sea level, July 25, 1978; lowest measured, 14.18 ft above sea level, October 23, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	14.18	MAR 18	16.64	JUN 02	15.77	AUG 01	16.47	SEP 16	16.36		
JAN 08	15.33	APR 30	15.91	18	16.28	29	16.32				



404357072515703. Local number, S52164.1

LOCATION.--Lat 40°43'57", long 72°51'57", Hydrologic Unit 02030202, at Smith Point County Park, 50 ft south of traffic circle, westernnmost well. Owner: Suffolk County Department of Health Services.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 735 ft, screened 709 to 730 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

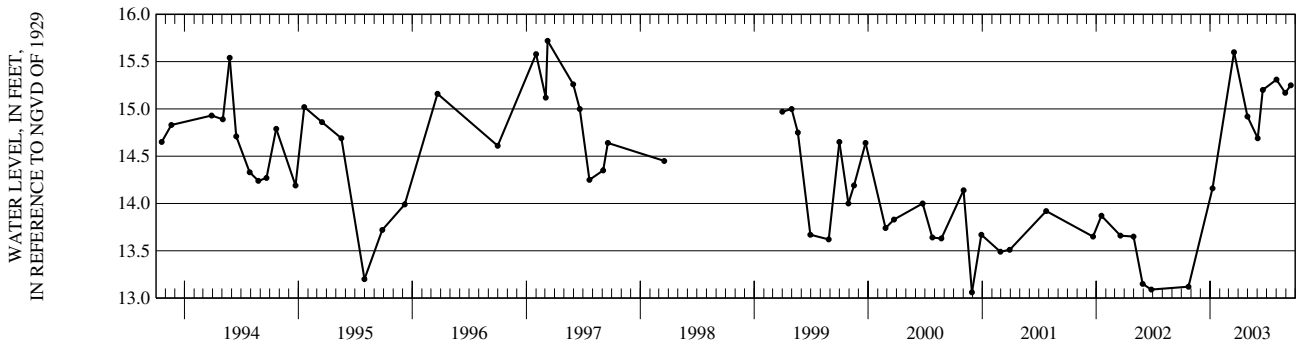
DATUM.--Land-surface datum is 17.0 ft above sea level. Measuring point: Top of coupling, 4.14 ft above land-surface datum.

PERIOD OF RECORD.--December 1974 to March 1978, October 1980 to July 1986, and March 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.57 ft above sea level, October 1, 1976; lowest measured, 13.06 ft above sea level, November 28, 2000.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	13.12	MAR 18	15.60	JUN 02	14.69	AUG 01	15.31	SEP 16	15.25		
JAN 08	14.16	APR 30	14.92	18	15.20	29	15.17				



SUFFOLK COUNTY—Continued

410104072303301. Local number, S53324.1

LOCATION.--Lat 41°01'04", long 72°30'33", Hydrologic Unit 02030202, at east side of Alvahs Lane, 200 ft north of Middle Road (State Route 27), Southold. Owner: Suffolk County Department of Health Services.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 62 ft, screened 49 to 59 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

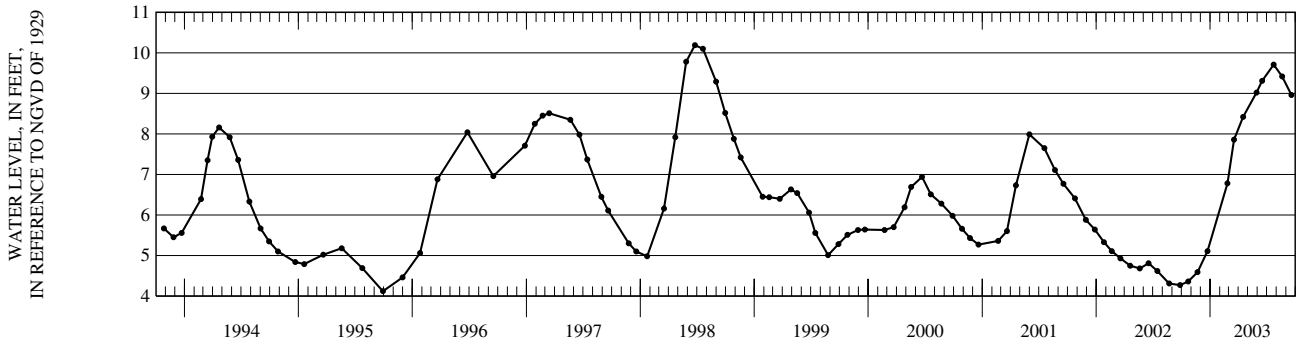
DATUM.--Land-surface datum is 42.0 ft above sea level. Measuring point: Top of 6-in steel flange, 0.51 ft above land-surface datum.

PERIOD OF RECORD.--October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.32 ft above sea level, September 28, 1989; lowest measured, 3.52 ft above sea level, November 20, 1981.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	4.36	DEC 23	5.11	MAR 18	7.86	MAY 29	9.02	JUL 23	9.71	SEP 18	8.96
NOV 21	4.59	FEB 25	6.78	APR 16	8.42	JUN 16	9.31	AUG 19	9.42		



404642072520001. Local number, S54882.1

LOCATION.--Lat 40°46'42", long 72°52'00", Hydrologic Unit 02030202, at grassy divide between Margin Drive West and William Floyd Parkway, 156 ft south of Ranch Avenue, Shirley. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 34 ft, screened 30 to 34 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

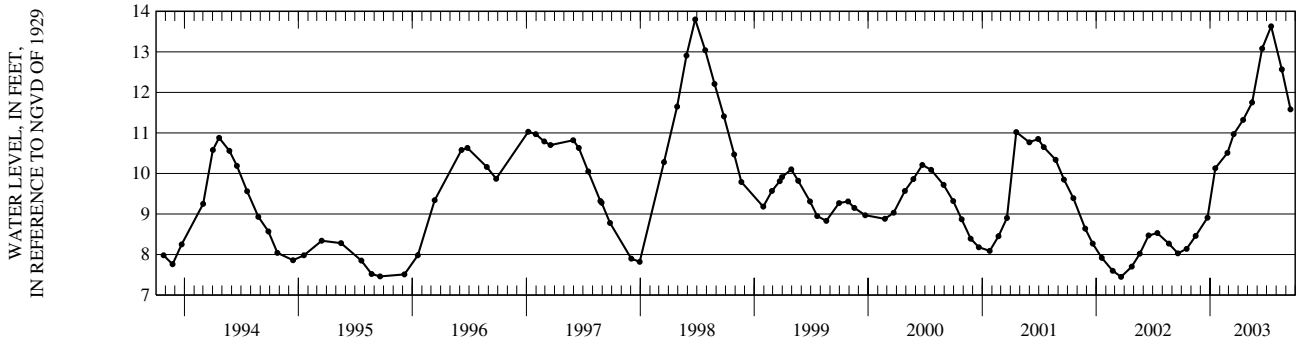
DATUM.--Land-surface datum is 33.0 ft above sea level. Measuring point: Top of coupling, 0.43 ft below land-surface datum.

PERIOD OF RECORD.--July 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.80 ft above sea level, June 25, 1998; lowest measured, 6.48 ft above sea level, December 15, 1981.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	8.14	DEC 23	8.91	FEB 25	10.51	APR 16	11.32	JUN 16	13.08	AUG 18	12.57
NOV 15	8.46	JAN 17	10.13	MAR 17	10.97	MAY 15	11.75	JUL 15	13.63	SEP 15	11.58



SUFFOLK COUNTY—Continued

410052072134001. Local number, S57371.1

LOCATION.--Lat 41°00'55", long 72°13'42", Hydrologic Unit 02030202, at west side of Old Northwest Road, 0.9 mi south of Alewive Brook Road, Grassy Hollow. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 62 ft, screened 58 to 62 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

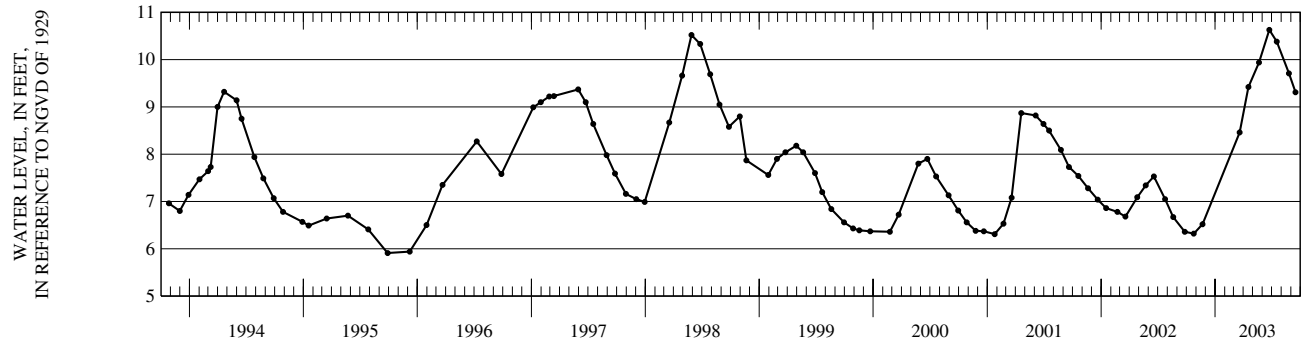
DATUM.--Land-surface datum is 24.0 ft above sea level. Measuring point: Top of coupling, 0.30 ft below land-surface datum.

PERIOD OF RECORD.--November 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.63 ft above sea level, June 23, 2003; lowest measured, 5.80 ft above sea level, December 17, 1981.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	6.32	MAR 20	8.46	MAY 21	9.94	JUL 17	10.38	SEP 15	9.31		
NOV 21	6.52	APR 17	9.42	JUN 23	10.63	AUG 25	9.71				



405927072041901. Local number, S57372.1

LOCATION.--Lat 40°59'27", long 72°04'19", Hydrologic Unit 02030202, at south side of Montauk Highway (State Route 27), 2.4 miles east of Bluff Road, Napeague State Park. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 12 ft, screened 8 to 12 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

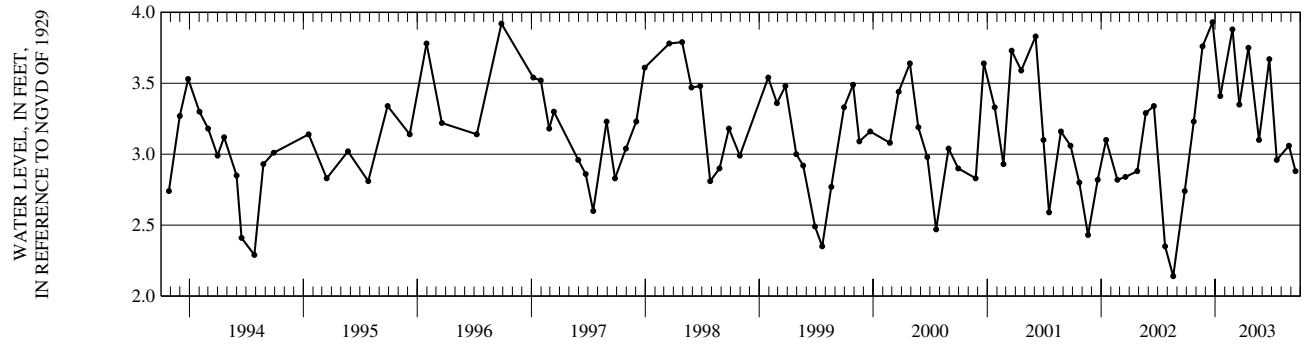
DATUM.--Land-surface datum is 8.0 ft above sea level. Measuring point: Top of coupling, 0.15 ft above land-surface datum.

PERIOD OF RECORD.--January 1976 to current year. Unpublished records from January 1976 to September 1983 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.23 ft above sea level, July 18, 1989; lowest measured, 2.14 ft above sea level, August 19, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	3.23	DEC 23	3.93	FEB 25	3.88	APR 17	3.75	JUN 23	3.67	AUG 25	3.06
NOV 21	3.76	JAN 17	3.41	MAR 19	3.35	MAY 21	3.10	JUL 17	2.96	SEP 15	2.88



SUFFOLK COUNTY—Continued

405559072145901. Local number, S60123.1

LOCATION.--Lat 40°56'00", long 72°15'00", Hydrologic Unit 02030202, at southwest corner of Wainscott Hollow Road and Wainscott Main Street, northern middle well, Wainscott. Owner: Suffolk County Department of Health Services.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 280 ft, screened 270 to 280 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

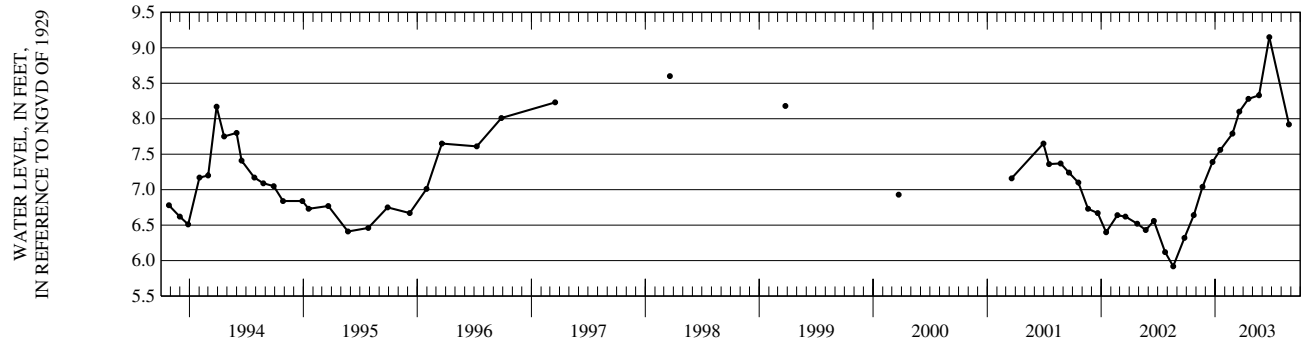
DATUM.--Land-surface datum is 12.0 ft above sea level. Measuring point: Top of casing, 0.02 ft above land-surface datum.

PERIOD OF RECORD.--March 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.15 ft above sea level, June 23, 2003; lowest measured, 5.92 ft above sea level, August 19, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	6.64	DEC 23	7.39	FEB 25	7.79	APR 17	8.28	JUN 23	9.15		
NOV 21	7.04	JAN 17	7.56	MAR 19	8.10	MAY 21	8.33	AUG 25	7.92		



405600072150002. Local number, S62395.1

LOCATION.--Lat 40°56'00", long 72°15'00", Hydrologic Unit 02030202, at southwest corner of Wainscott Hollow Road and Wainscott Main Street, southernmost well, Wainscott. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven PVC observation well, diameter 2 in., depth 14 ft, screened 10 to 14 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

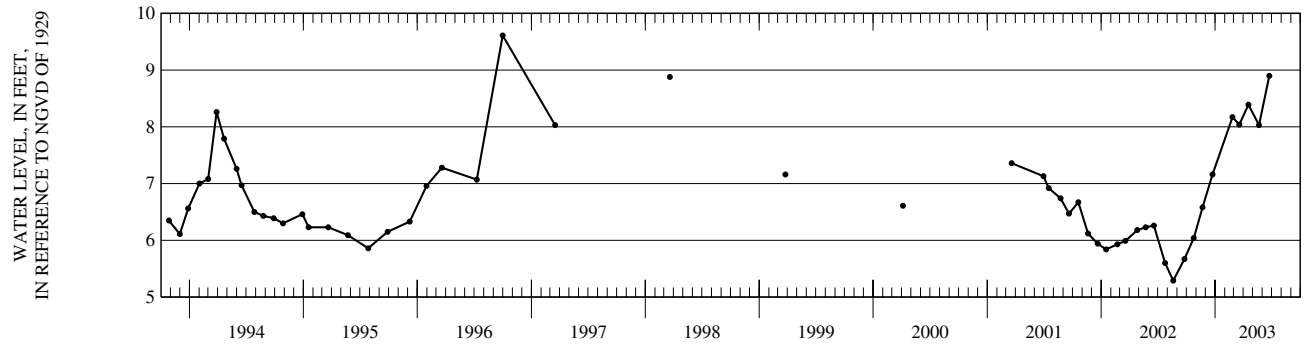
DATUM.--Land-surface datum is 12.0 ft above sea level. Measuring point: Top of coupling, 0.51 ft below land-surface datum.

PERIOD OF RECORD.--March 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.61 ft above sea level, September 30, 1996; lowest measured, 5.29 ft above sea level, August 19, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	6.04	DEC 23	7.16	MAR 19	8.04	MAY 21	8.03				
NOV 21	6.58	FEB 25	8.17	APR 17	8.39	JUN 23	8.90				



SUFFOLK COUNTY—Continued

415843072213401. Local number, S62402.1

LOCATION.--Lat 40°58'58", long 72°21'36", Hydrologic Unit 02030202, at south end of Club Lane, 587 ft east of Wildwood Road, Noyack. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 84 ft, screened 80 to 84 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

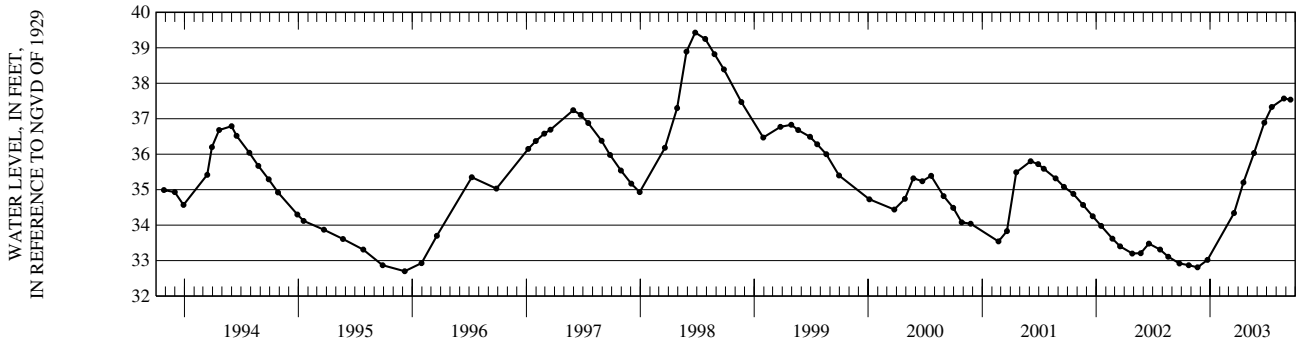
DATUM.--Land-surface datum is 99.3 ft above sea level. Measuring point: Top of coupling, 0.22 ft below land-surface datum.

PERIOD OF RECORD.--May 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 39.43 ft above sea level, June 25, 1998; lowest measured, 32.58 ft above sea level, December 5, 1986

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	32.87	DEC 23	33.02	APR 17	35.20	JUN 23	36.89	AUG 25	37.57		
NOV 21	32.81	MAR 18	34.34	MAY 21	36.03	JUL 17	37.33	SEP 15	37.54		



403935073235001. Local number, S66136.1

LOCATION.--Lat 40°39'37", long 73°23'50", Hydrologic Unit 02030202, at Tanner Park, south side of Kerrigan Road across from Harding Road, easternmost well, Copiague. Owner: Suffolk County Department of Health Services.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, casing diameter 6 in., screen diameter 4 in., depth 134 ft, screened 124 to 134 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 5.0 ft above sea level. Measuring point: Top of casing, 2.43 ft above land-surface datum.

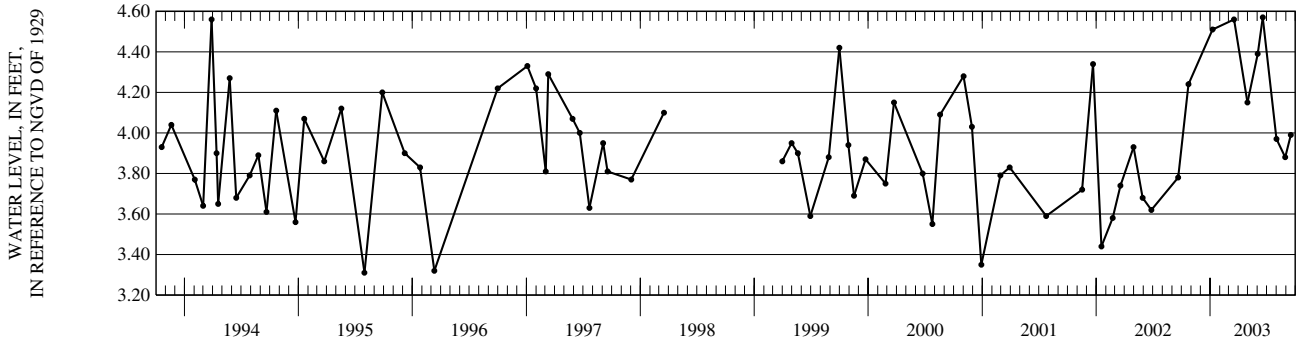
REMARKS.--Water level affected by tidal fluctuation.

PERIOD OF RECORD.--October 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.79 ft above sea level, March 4, 1991; lowest measured, 3.31 ft above sea level, July 31, 1995.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	4.24	MAR 18	4.56	JUN 02	4.39	AUG 01	3.97	SEP 16	3.99		
JAN 08	4.51	APR 30	4.15	18	4.57	29	3.88				



SUFFOLK COUNTY—Continued

403935073235002. Local number, S67537.1

LOCATION.--Lat 40°39'37", long 73°23'50", Hydrologic Unit 02030202, at Tanner Park, south side of Kerrigan Road, across from Harding Road, eastern middle well, Copiague. Owner: Suffolk County Department of Health Services.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 61 ft, screened 56 to 61 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 7.8 ft above sea level. Measuring point: Top of casing, 0.28 ft below land-surface datum.

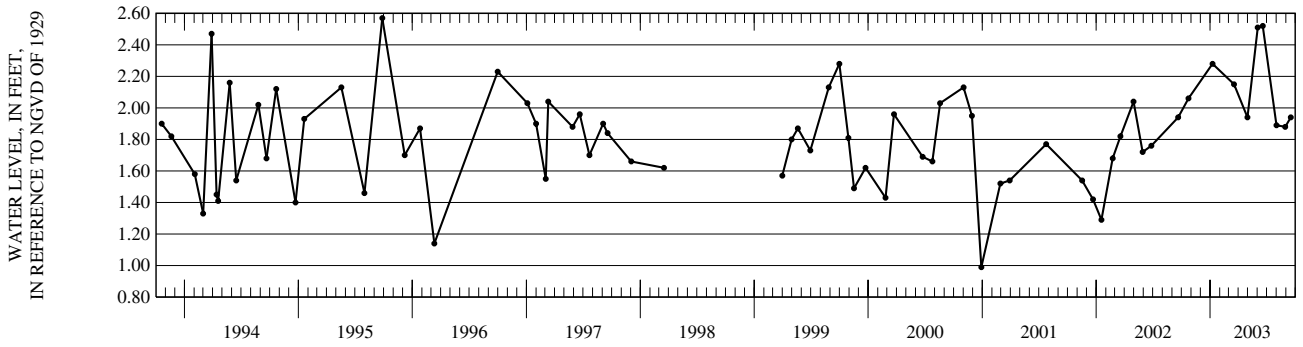
REMARKS.--Water level affected by tidal fluctuation.

PERIOD OF RECORD.--December 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.57 ft above sea level, September 26, 1995; lowest measured, 0.99 ft above sea level, October 28, 2000.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	2.06	MAR 18	2.15	JUN 02	2.51	AUG 01	1.89	SEP 16	1.94		
JAN 08	2.28	APR 30	1.94	18	2.52	29	1.88				



405529073272901. Local number, S69781.1

LOCATION.--Lat 40°55'29", long 73°27'29", Hydrologic Unit 02030201, at Caumsett State Park, 1.0 mi northeast of parking field, on park service road, Lloyd Neck. Owner: Suffolk County Department of Health Services.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 155 ft, screened 139 to 149 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

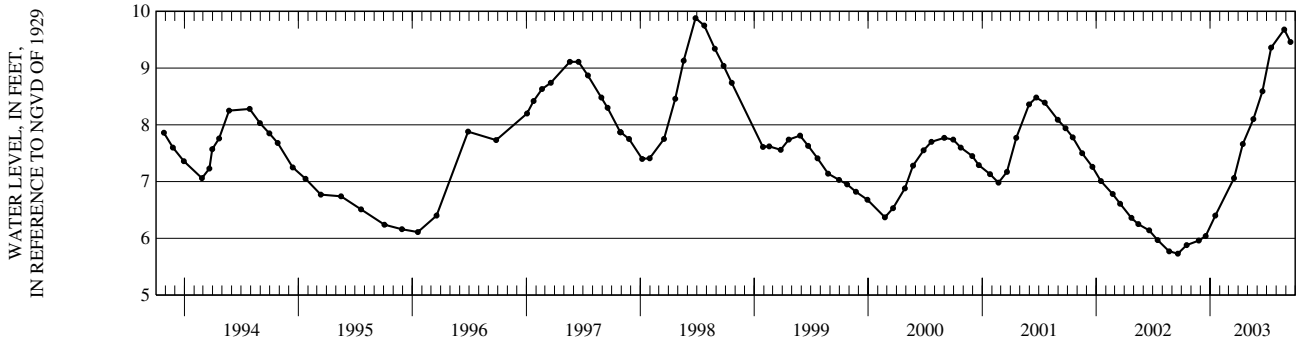
DATUM.--Land-surface datum is 109.0 ft above sea level. Measuring point: Top of coupling, 0.66 ft below land-surface datum.

PERIOD OF RECORD.--April 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.88 ft above sea level, June 26, 1998; lowest measured, 5.73 ft above sea level, September 19, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	5.88	DEC 17	6.04	MAR 18	7.06	MAY 19	8.10	JUL 15	9.36	SEP 15	9.46
NOV 25	5.96	JAN 17	6.40	APR 15	7.66	JUN 17	8.59	AUG 26	9.68		



SUFFOLK COUNTY—Continued

405801072354401. Local number, S71576.1

LOCATION.--Lat 40°58'01", long 72°35'44", Hydrologic Unit 02030202, at east side of Manor Lane, 1.6 mi north of Main Road (State Route 25), southern middle well, Jamesport. Owner: Suffolk County Department of Health Services.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 453 ft, screened 443 to 448 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

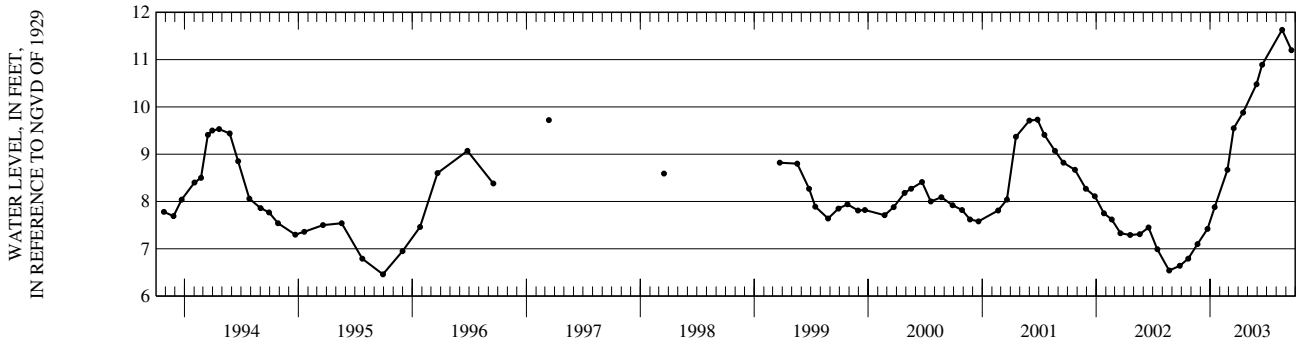
DATUM.--Land-surface datum is 53.0 ft above sea level. Measuring point: Top of coupling, 1.16 ft below land-surface datum.

PERIOD OF RECORD.--February 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.02 ft above sea level, September 27, 1984; lowest measured, 6.46 ft above sea level, September 28, 1995.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	6.79	DEC 23	7.42	FEB 25	8.67	APR 16	9.88	JUN 16	10.89	SEP 18	11.20
NOV 21	7.10	JAN 15	7.88	MAR 17	9.55	MAY 29	10.48	AUG 19	11.63		



410438072213201. Local number, S73974.1

LOCATION.--Lat 41°04'38", long 72°21'32", Hydrologic Unit 02030202, at Shelter Island Country Club and Golf Course, west side of fairway to 6th green, at edge of woods, 3000 ft north of West Neck Road, Shelter Island. Owner: Suffolk County Department of Health Services.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 42 ft, screened 40 to 42 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

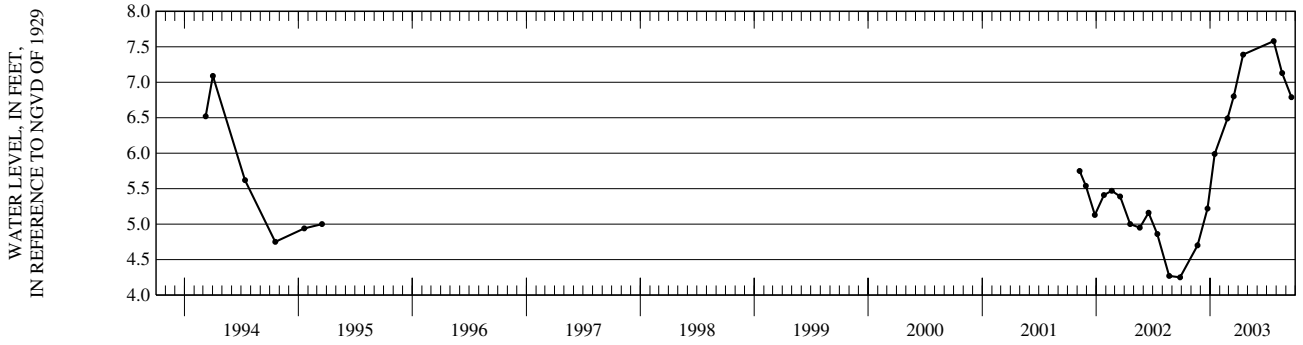
DATUM.--Land-surface datum is 38.5 ft above sea level. Measuring point: Top of casing, 0.53 ft above land-surface datum.

PERIOD OF RECORD.--March 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.87 ft above sea level, March 19, 1990; lowest measured, 4.25 ft above sea level, September 26, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 21	4.70	JAN 15	5.99	MAR 17	6.80	JUL 23	7.58	SEP 18	6.79		
DEC 23	5.22	FEB 25	6.49	APR 16	7.39	AUG 19	7.13				



SUFFOLK COUNTY—Continued

405858072213601. Local number, S73998.1

LOCATION.--Lat 40°58'58", long 72°21'35", Hydrologic Unit 02030202, at south end of Club Lane, 624 ft west of Wildwood Road, near Highway Department entrance, southernmost well, Noyack. Owner: Suffolk County Department of Health Services.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 1 $^1/_4$ in., depth 803 ft, screened 795 to 800 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

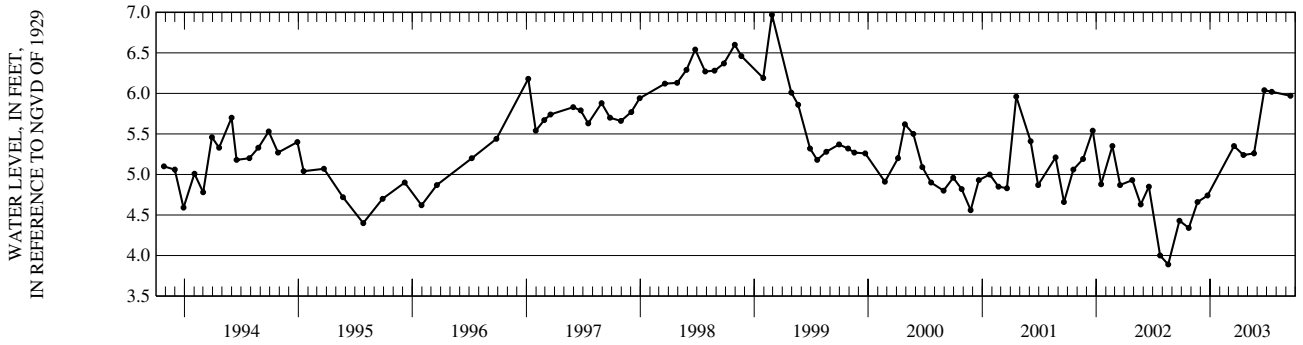
DATUM.--Land-surface datum is 99.7 ft above sea level. Measuring point: Top of casing, 0.20 ft below land-surface datum.

PERIOD OF RECORD.--April 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.97 ft above sea level, February 26, 1999; lowest measured, 3.89 ft above sea level, August 19, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	4.34	DEC 23	4.74	APR 17	5.24	JUN 23	6.04	SEP 15	5.97		
NOV 21	4.66	MAR 18	5.35	MAY 21	5.26	JUL 17	6.02				



405322072454101. Local number, S74292.1

LOCATION.--Lat 40°53'23", long 72°45'43", Hydrologic Unit 02030202, at south side of Mill Road, opposite Primrose Path, Brookhaven. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 56 ft, screened 52 to 56 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

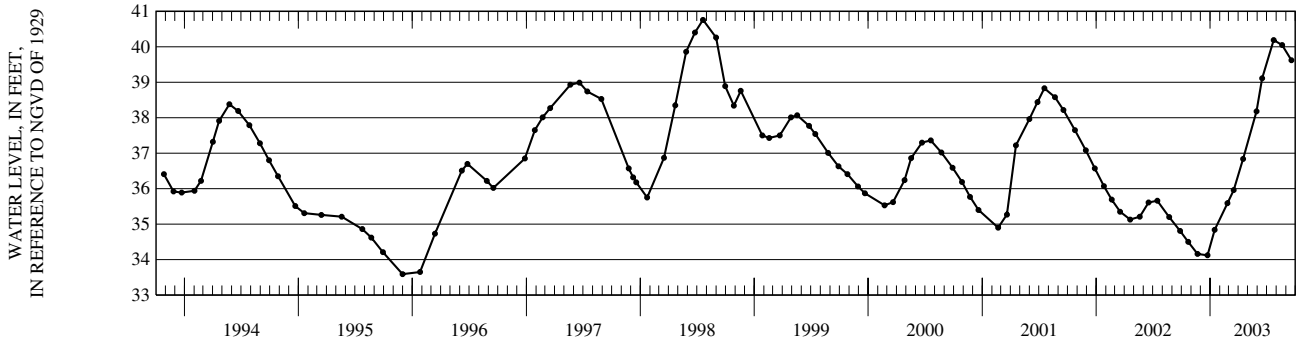
DATUM.--Land-surface datum is 73.0 ft above sea level. Measuring point: Top of coupling, 1.20 ft above land-surface datum.

PERIOD OF RECORD.--May 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.22 ft above sea level, June 21, 1984; lowest measured, 33.59 ft above sea level, November 30, 1995.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	34.50	DEC 23	34.12	FEB 25	35.59	APR 16	36.84	JUN 16	39.11	AUG 19	40.05
NOV 21	34.16	JAN 15	34.84	MAR 17	35.96	MAY 29	38.18	JUL 23	40.19	SEP 18	39.62



SUFFOLK COUNTY—Continued

410439072173501. Local number, S75432.2

LOCATION.--Lat 41°04'39", long 72°17'35", Hydrologic Unit 02030202, at south side of South Ram Island Drive and east side of Tuthill Drive, Shelter Island. Owner: Suffolk County Department of Health Services.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 29 ft, screened 24 to 29 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

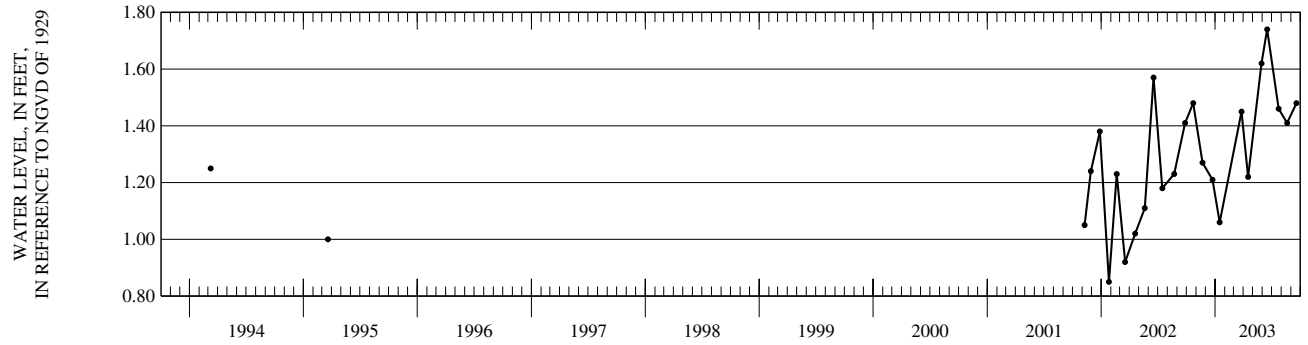
DATUM.--Land-surface datum is 21.0 ft above sea level. Measuring point: Top of casing, 0.45 ft below land-surface datum.

PERIOD OF RECORD.--March 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.74 ft above sea level, June 16, 2003; lowest measured, 0.85 ft above sea level, January 25, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	1.48	DEC 23	1.21	MAR 26	1.45	MAY 29	1.62	JUL 23	1.46	SEP 18	1.48
NOV 21	1.27	JAN 15	1.06	APR 16	1.22	JUN 16	1.74	AUG 19	1.41		



410309072205601. Local number, S75438.1

LOCATION.--Lat 41°03'19", long 72°20'55", Hydrologic Unit 02030202, at east side of Menantic Road, 140 ft south of Conrad Road, and 244 ft north of Evans Road, Shelter Island. Owner: Suffolk County Department of Health Services.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 23 ft, screened 18 to 23 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

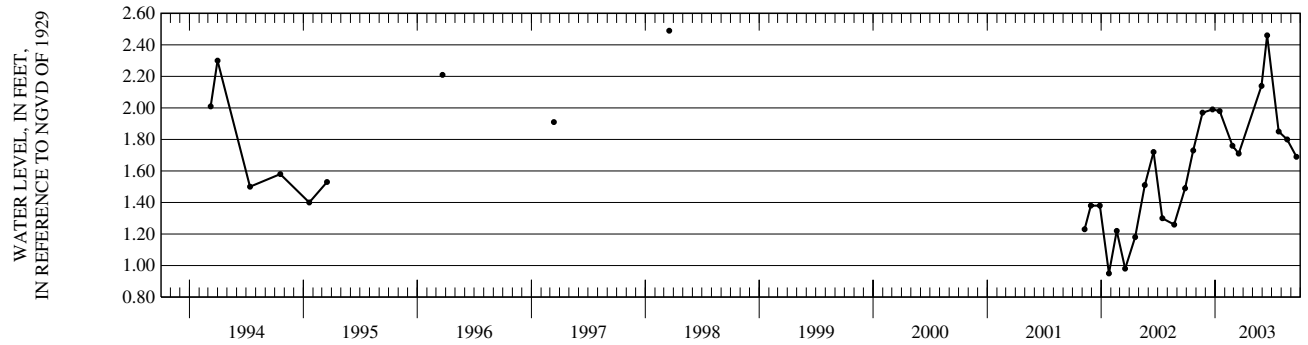
DATUM.--Land-surface datum is 11.0 ft above sea level. Measuring point: Top of casing, 0.16 ft below land-surface datum.

PERIOD OF RECORD.--February 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.49 ft above sea level, March 18, 1998; lowest measured, 0.95 ft above sea level, January 25, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	1.73	DEC 23	1.99	FEB 25	1.76	MAY 29	2.14	JUL 23	1.85	SEP 18	1.69
NOV 21	1.97	JAN 15	1.98	MAR 17	1.71	JUN 16	2.46	AUG 19	1.80		



SUFFOLK COUNTY—Continued

404859073194002. Local number, S75454.2

LOCATION.--Lat 40°48'59", long 73°19'40", Hydrologic Unit 02030202, at Dix Hills Park and Golf Course, 180 ft west of DeForest Road, 154 ft north of parking lot, northernmost well, Dix Hills. Owner: Suffolk County Department of Health Services.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 740 ft, screened 730 to 735 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

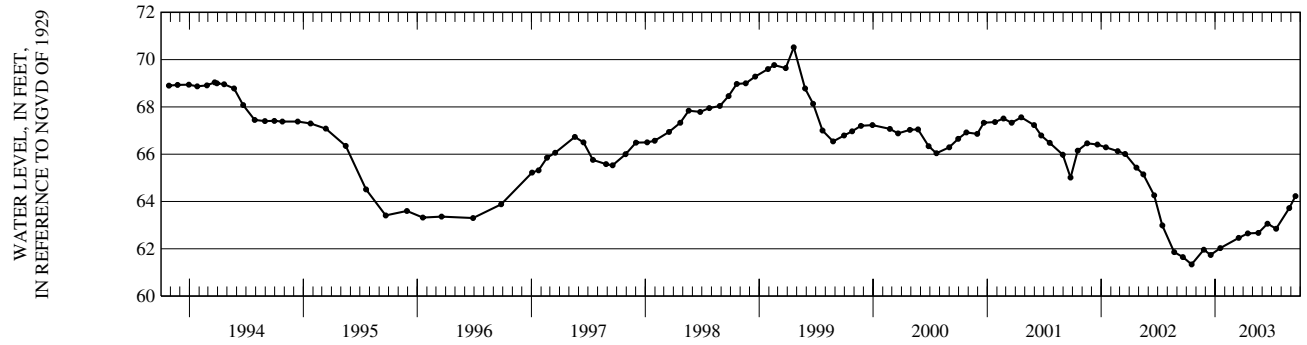
DATUM.--Land-surface datum is 230.7 ft above sea level. Measuring point: Top of casing, 0.14 ft below land-surface datum.

PERIOD OF RECORD.--March 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 74.05 ft above sea level, March 21, 1991; lowest measured, 61.34 ft above sea level, October 17, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	61.34	DEC 17	61.74	MAR 17	62.46	MAY 19	62.67	JUL 15	62.85	SEP 15	64.23
NOV 25	61.96	JAN 17	62.03	APR 15	62.65	JUN 17	63.06	AUG 26	63.72		



404859073194004. Local number, S75456.1

LOCATION.--Lat 40°48'59", long 73°19'40", Hydrologic Unit 02030202, at Dix Hills Park and Golf Course, 180 ft west of DeForest Road, 134 ft north of parking lot, southernmost well, Dix Hills. Owner: Suffolk County Department of Health Services.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 203 ft, screened 195 to 200 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

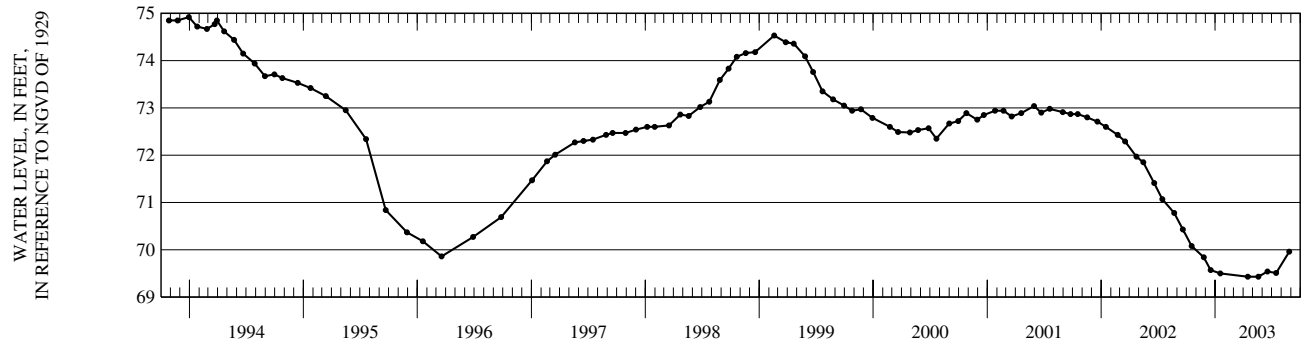
DATUM.--Land-surface datum is 230.5 ft above sea level. Measuring point: Top of coupling, 0.98 ft below land-surface datum.

PERIOD OF RECORD.--March 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 78.96 ft above sea level, November 20, 1991; lowest measured, 69.43 ft above sea level, April 15 and May 19, 2003.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	70.08	DEC 17	69.57	APR 15	69.43	JUN 17	69.54	AUG 26	69.96		
NOV 25	69.84	JAN 17	69.50	MAY 19	69.43	JUL 15	69.51				



SUFFOLK COUNTY—Continued

405317072331902. Local number, S77435.1

LOCATION.--Lat 40°53'17", long 72°33'18", Hydrologic Unit 02030202, at south side of dirt road, 145 ft east of Riverhead- Hampton Bays Road (State Route 24), 195 ft south of Bellows Pond Road, easternmost well, Rampasture. Owner: Suffolk County Department of Health Services.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 27 ft, screened 25 to 27 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

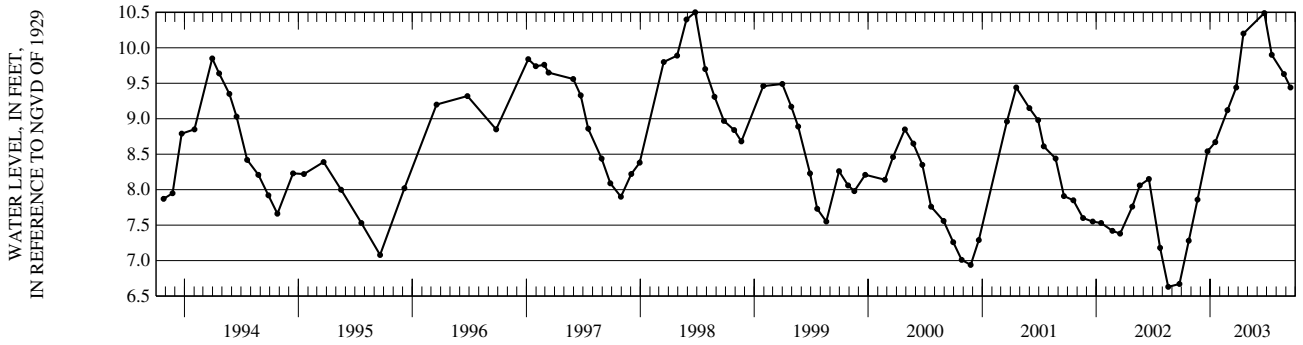
DATUM.--Land-surface datum is 18.8 ft above sea level. Measuring point: Top of coupling, 0.36 ft below land-surface datum.

PERIOD OF RECORD.--March 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.50 ft above sea level, June 25, 1998; lowest measured, 6.63 ft above sea level, August 19, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	7.28	DEC 23	8.54	FEB 25	9.12	APR 17	10.20	JUL 17	9.90	SEP 15	9.44
NOV 21	7.86	JAN 17	8.67	MAR 25	9.44	JUN 23	10.49	AUG 25	9.63		



405317072331903. Local number, S77436.2

LOCATION.--Lat 40°53'17", long 72°33'18", Hydrologic Unit 02030202, at south side of dirt road, 138 ft east of Riverhead- Hampton Bays Road (State Route 24), 195 ft south of Bellows Pond Road, westernmost well, Rampasture. Owner: Suffolk County Department of Health Services.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 508 ft, screened 500 to 505 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

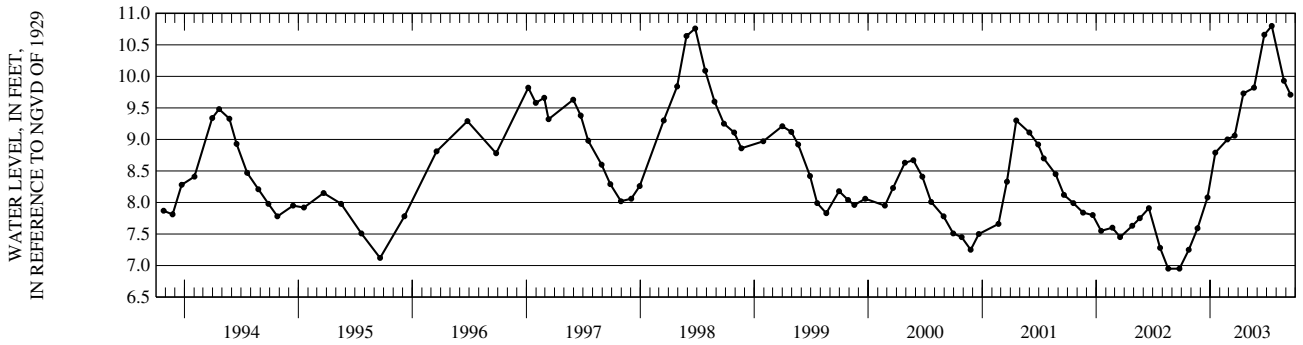
DATUM.--Land-surface datum is 18.7 ft above sea level. Measuring point: Top of coupling, 0.41 ft below land-surface datum.

PERIOD OF RECORD.--March 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.80 ft above sea level, July 17, 2003; lowest measured, 6.94 ft above sea level, September 22, 1986.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	7.25	DEC 23	8.08	FEB 25	9.00	APR 17	9.73	JUN 23	10.66	AUG 25	9.93
NOV 21	7.59	JAN 17	8.79	MAR 20	9.06	MAY 21	9.82	JUL 17	10.80	SEP 15	9.71



SUFFOLK COUNTY—Continued

403935073235003. Local number, S79407.1

LOCATION.--Lat 40°39'37", long 73°23'50", Hydrologic Unit 02030202, at Tanner Park, south side of Kerrigan Road, across from Harding Road, western middle well, Copiague. Owner: Suffolk County Department of Health Services.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 1,219 ft, screened 1,192 to 1,214 ft.

INSTRUMENTATION.--Measurement with clear plastic tube extension and stadia rod by United States Geological Survey personnel.

DATUM.--Land-surface datum is 7.8 ft above sea level. Measuring point: Top of valve stem, 0.38 ft below land-surface datum.

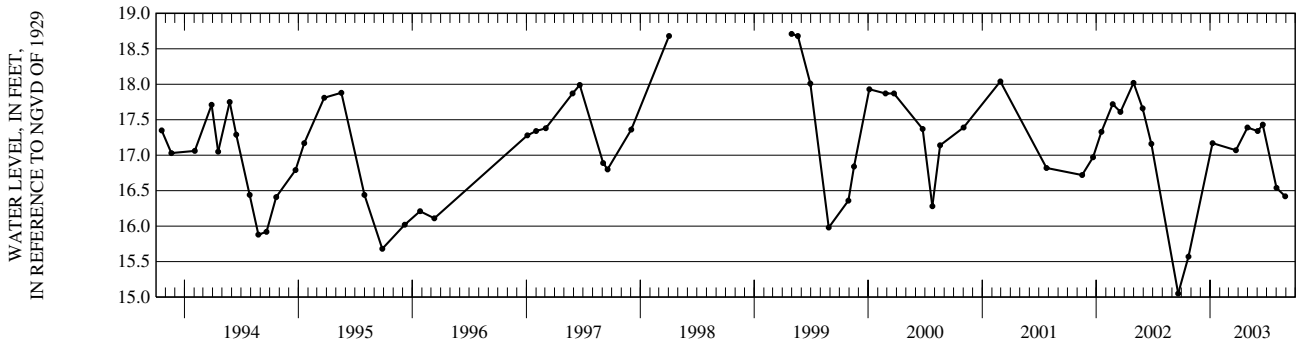
REMARKS.--Water level affected by tidal fluctuation.

PERIOD OF RECORD.--December 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.71 ft above sea level, April 30, 1999; lowest measured, 14.07 ft above sea level, September 30, 1988.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	15.57	MAR 24	17.07	JUN 02	17.34	AUG 01	16.54				
JAN 08	17.17	APR 30	17.39	18	17.43	29	16.42				



403935073235004. Local number, S79408.1

LOCATION.--Lat 40°39'37", long 73°23'50", Hydrologic Unit 02030202, at Tanner Park, south side of Kerrigan Road, across from Harding Road, westernmost well, Copiague. Owner: Suffolk County Department of Health Services.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 680 ft, screened 670 to 675 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

DATUM.--Land-surface datum is 7.8 ft above sea level. Measuring point: Top of coupling, 0.58 ft below land-surface datum.

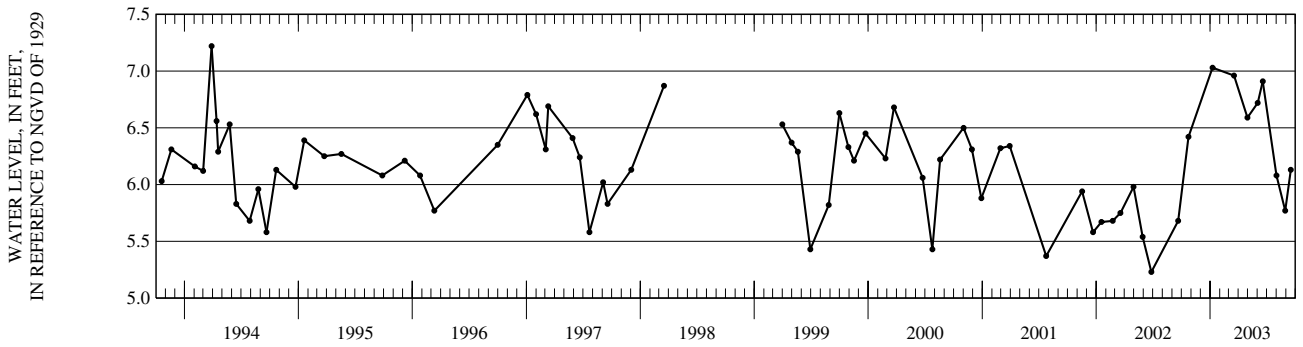
REMARKS.--Water level affected by tidal fluctuation.

PERIOD OF RECORD.--December 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.22 ft above sea level, March 4, 1991; lowest measured, 5.23 ft above sea level, June 26, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	6.42	MAR 18	6.96	JUN 02	6.72	AUG 01	6.08	SEP 16	6.13		
JAN 08	7.03	APR 30	6.59	18	6.91	29	5.77				



SUFFOLK COUNTY—Continued

405604073064302. Local number, S81831.1

LOCATION.--Lat 40°56'04", long 73°06'43", Hydrologic Unit 02030201, at north side of North Country Road (State Route 25A), 199 ft west of Ridgeway Avenue, East Setauket. Owner: Suffolk County Department of Environmental Conservation.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 470 ft, screened 462 to 467 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

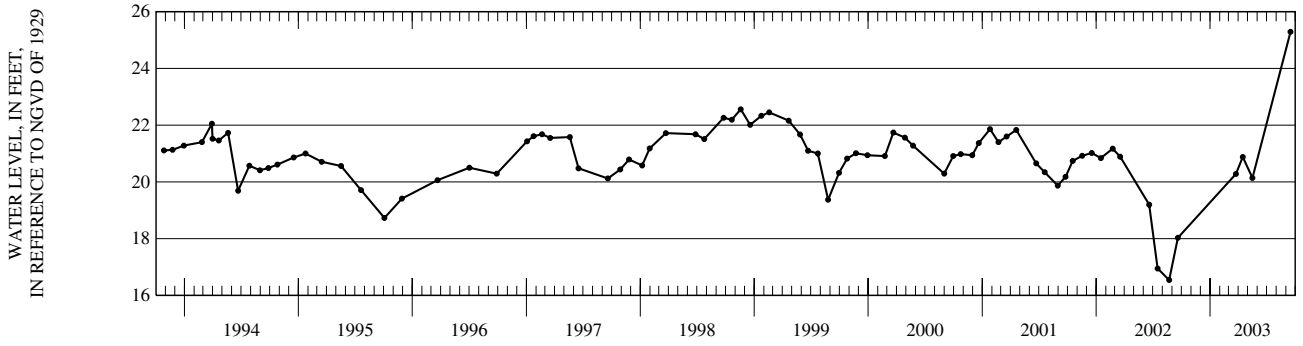
DATUM.--Land-surface datum is 94.0 ft above sea level. Measuring point: Top of coupling, 0.96 ft below land-surface datum.

PERIOD OF RECORD.--March 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.29 ft above sea level, September 15, 2003; lowest measured, 16.54 ft above sea level, August 22, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 24	20.28	APR 15	20.88	MAY 16	20.14	SEP 15	25.29



405536072375301. Local number, S82938.1

LOCATION.--Lat 40°55'36", long 72°37'53", Hydrologic Unit 02030202, at Indian Island County Park, north side of main entrance road, 107 ft east of restroom facilities, Riverhead. Owner: Suffolk County Department of Health Services.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 1,022 ft, screened 1,010 to 1,022 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

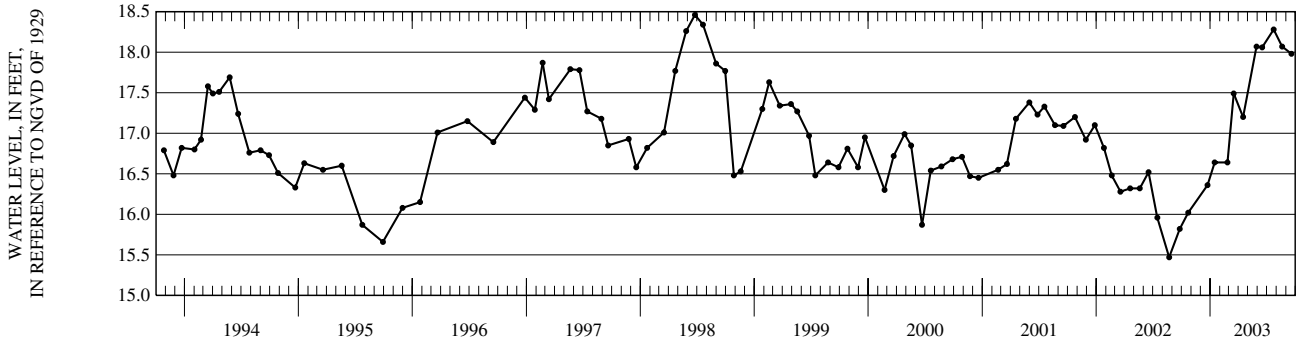
DATUM.--Land-surface datum is 21.0 ft above sea level. Measuring point: Top of coupling, 0.14 ft below land-surface datum.

PERIOD OF RECORD.--June 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.46 ft above sea level, June 24, 1998; lowest measured, 15.47 ft above sea level, August 22, 2002.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	16.02	JAN 15	16.64	MAR 17	17.49	MAY 29	18.07	JUL 23	18.28	SEP 18	17.98
DEC 23	16.36	FEB 25	16.64	APR 16	17.20	JUN 16	18.06	AUG 19	18.07		



SUFFOLK COUNTY—Continued

405536072375302. Local number, S82939.1

LOCATION.--Lat 40°55'36", long 72°37'53", Hydrologic Unit 02030202, at Indian Island County Park, north side of main entrance road, 107 ft east of restroom facilities, Riverhead. Owner: Suffolk County Department of Health Services.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 162 ft, screened 155 to 162 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

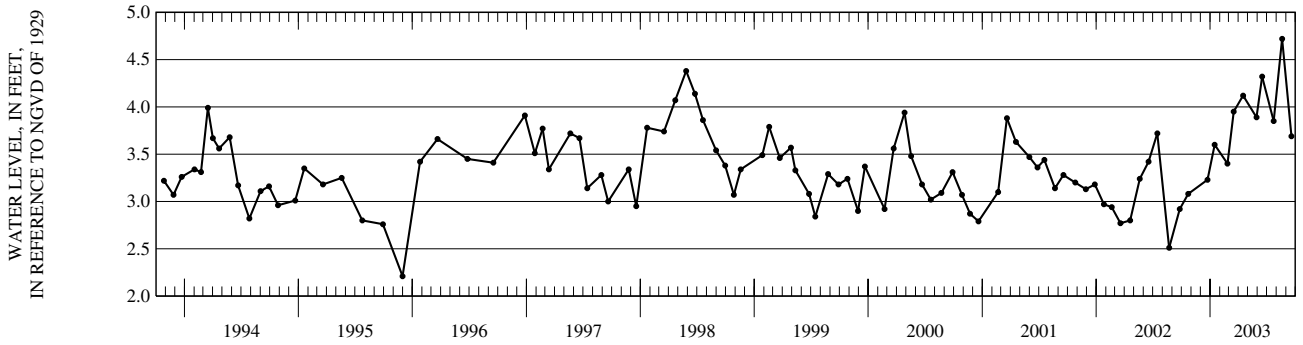
DATUM.--Land-surface datum is 21.0 ft above sea level. Measuring point: Top of coupling, 0.03 ft below land-surface datum.

PERIOD OF RECORD.--June 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.72 ft above sea level, August 19, 2003; lowest measured, 2.21 ft above sea level, November 30, 1995.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	3.08	JAN 15	3.60	MAR 17	3.95	MAY 29	3.89	JUL 23	3.85	SEP 18	3.69
DEC 23	3.23	FEB 25	3.40	APR 16	4.12	JUN 16	4.32	AUG 19	4.72		



410038072284202. Local number, S91814.1

LOCATION.--Lat 40°58'01", long 72°35'44", Hydrologic Unit 02030202, at east side of Manor Lane, south of Sound Avenue, 155 ft north of power lines, southernmost well, Jamesport. Owner: Suffolk County Department of Health Services.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 77 ft, screened 67 to 72 ft.

INSTRUMENTATION.--Measurement with chalked steel tape by United States Geological Survey personnel.

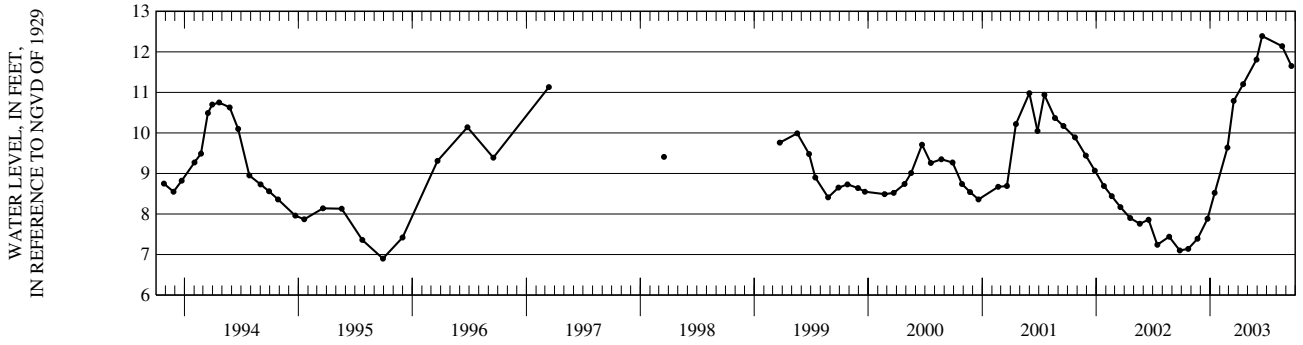
DATUM.--Land-surface datum is 53.0 ft above sea level. Measuring point: Top of coupling, 0.04 ft above land-surface datum.

PERIOD OF RECORD.--September 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.69 ft above sea level, June 18, 1990; lowest measured, 5.77 ft above sea level, October 31 and November 4, 1988.

WATER SURFACE ELEVATION IN FEET (NGVD1929), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22	7.14	DEC 23	7.88	FEB 25	9.64	APR 16	11.20	JUN 16	12.39	SEP 18	11.65
NOV 21	7.39	JAN 15	8.52	MAR 17	10.79	MAY 29	11.81	AUG 19	12.14		



MISCELLANEOUS SITES

Station number	Local number	Lat-itude	Long-itude	Aquifer unit code	Start of record	Altitude of land surface (ft, msl)	Screen interval (feet below land surface) Top	Bottom	Date	Water level (ft, msl)
404057073583701	K19. 1	404058	0735840	112JMCO	07-29-1954	46.9	--	--	03-17-2003	8.15
403503073525101	K1057. 1	403503	0735251	211LLYD	06-03-1944	13.0	--	--	03-18-2003	4.97
403750073571701	K3132. 1	403750	0735717	112JMCO	03-17-1982	31.0	259	300	03-16-2003	5.77
403748073422603	N1115. 3	403748	0734226	112GLCLU	03-28-1990	22.0	--	--	03-18-2003	11.50
403637073434502	N1422. 2	403637	0734345	112GLCLU	12-28-1964	16.0	--	--	03-18-2003	7.86
404052073414201	N1613. 1	404052	0734142	211MGTY	01-29-1968	25.0	--	--	03-27-2003	15.60
404532073420901	N1802. 2	404512	0734210	211LLYD	02-26-1946	131.0	641	691	03-26-2003	7.66
403621073441801	N3862. 2	403621	0734418	211MGTY	02-01-1968	8.0	295	306	03-17-2003	4.04
403621073441702	N4062. 1	403621	0734418	112JMCO	02-01-1968	8.0	137	142	03-18-2003	3.65
403642073433201	N6510. 1	403642	0734332	211MGTY	07-25-1958	8.0	455	461	03-18-2003	4.38
405018073395301	N7244. 1	405018	0733954	112PGQF	12-04-1981	13.9	292	302	03-19-2003	14.00
404544073265502	N7397. 2	404544	0732655	112GLCLU	04-27-1984	154.0	96	101	03-28-2003	65.28
404345073411901	N7650. 1	404344	0734121	211MGTY	12-15-1967	97.0	400	440	03-27-2003	37.29
404730073423101	N8877. 1	404730	0734231	112GLCLU	09-13-1972	12.0	71	76	03-17-2003	9.89
405055073430701	N8891. 1	405047	0734314	112GLCLU	11-16-1972	60.0	67	72	03-19-2003	9.17
404606073434101	N8970. 1	404606	0734341	112GLCLU	07-11-1973	154.0	188	193	03-19-2003	28.33
405131073405802	N9116. 1	405131	0734058	112GLCLU	04-20-1976	15.0	26	31	03-19-2003	8.62
405144073432902	N9118. 1	405144	0734329	112GLCLU	04-14-1976	51.0	95	100	03-19-2003	5.18
404748073385705	N9313. 1	404748	0733857	112GLCLU	07-06-1977	58.0	--	--	03-19-2003	43.76
404347073260702	N9662. 1	404347	0732607	112GLCLU	03-12-1981	68.8	52	57	03-27-2003	47.66
404103073373306	N9694. 1	404936	0734044	112GLCLU	08-23-1995	154.0	178	189	03-19-2003	113.40
404713073445401	N9892. 1	404713	0734454	112GLCLU	03-18-1983	32.0	35	45	03-17-2003	11.72
404827073422301	N9899. 1	404827	0734223	112GLCLU	11-07-1991	43.0	25	35	03-17-2003	14.98
404817073413501	N9902. 1	404817	0734135	112GLCLU	04-01-1994	133.0	80	100	03-28-2003	75.99
404805073401001	N9906. 1	404805	0734010	112GLCLU	11-05-1991	168.0	95	125	03-19-2003	85.61
404404073420201	N9983. 1	404404	0734202	211MGTY	12-17-1982	108.0	91	96	03-17-2003	39.62
403959073434301	N 10001. 1	403959	0734343	112GLCLU	03-20-1990	16.0	--	--	03-17-2003	9.34
404821073430501	N 10192. 1	404821	0734305	211LLYD	01-14-1985	24.0	343	348	03-17-2003	9.52
404823073265901	N 10607. 1	404823	0732659	211MGTY	03-27-1990	260.5	--	--	03-17-2003	69.55
404910073271601	N 10608. 1	404910	0732716	--	03-26-1990	249.0	--	--	03-27-2003	64.07
403511073450901	N 10620. 1	403511	0734509	211LLYD	11-23-1987	4.0	1140	1150	04-03-2003	6.84
403732073443402	N 11573. 1	403731	0734441	211LLYD	03-20-1991	8.0	775	795	04-16-2003	5.24
404324073414401	N 11577. 1	404324	0734144	211LLYD	03-21-1991	45.5	700	720	04-02-2003	9.24
404323073414401	N 11580. 1	404323	0734144	211MGTY	03-21-1991	44.5	430	450	04-03-2003	18.85
403732073443403	N 11634. 1	403733	0734443	211MGTY	03-20-1991	8.5	535	555	04-16-2003	-2.02
405030073282101	N 12075. 1	405030	0732821	211LLYD	04-14-1993	198.0	830	850	04-02-2003	34.51
405146073420701	N 12151. 1	405146	0734207	112PGQF	03-26-1993	73.0	333	348	03-19-2003	6.84
404708073433301	N 12154. 1	404708	0734333	211LLYD	03-25-1993	--	495	515	03-19-2003	11.88
405048073431401	N 12190. 1	405048	0734314	112PGQF	06-24-1993	--	215	235	04-02-2003	5.13
405010073415009	N 12232. 1	405010	0734150	211LLYD	07-30-1993	--	364	384	03-07-2003	9.06
404310073260201	N 12239. 1	404310	0732602	112GLCLU	04-01-1994	--	30.6	40.6	03-17-2003	42.58
405036073412403	N 12240. 1	405036	0734124	112GLCLU	06-24-1993	--	50	60	03-19-2003	28.68
405036073412402	N 12241. 1	405036	0734124	--	06-24-1993	--	97	117	03-19-2003	30.61
404135073254101	N 12249. 1	404135	0732541	112GLCLU	04-07-1994	--	14.8	24.8	03-19-2003	23.82
405010073415011	N 12264. 1	405010	0734150	112GLCLU	07-30-1993	--	5	20	03-17-2003	10.44
405123073404402	N 12319. 1	405123	0734044	--	12-29-1993	--	365	385	04-02-2003	12.26
404715073395501	N 12523. 1	404715	0733955	211LLYD	06-13-1995	--	748	768	03-19-2003	13.30
404921073415401	N 12793. 1	404921	0734154	211LLYD	03-15-2002	--	390	410	03-28-2003	2.69
404550073500802	Q34. 2	404553	0735008	211LLYD	02-12-1946	36.0	--	--	03-21-2003	8.79
404257073493701	Q273. 1	404257	0734937	211LLYD	06-27-1952	26.0	308	438	04-24-2003	13.17
404141073471702	Q562. 2	404140	0734716	211LLYD	02-26-1946	29.0	499	589	03-19-2003	8.20
404224073450301	Q2300. 1	404224	0734503	211MGTY	03-22-1983	63.7	240	275	03-19-2003	22.12
404504073501801	Q2418. 1	404504	0735018	112GLCLU	05-09-1967	6.4	48	60	03-20-2003	-0.63
404135073440102	Q2443. 1	404135	0734402	211MGTY	04-10-1984	55.6	320	360	03-19-2003	17.24
404040073445001	Q2955. 1	404040	0734450	211MGTY	01-17-1967	25.0	405	445	03-19-2003	12.04
404202073491704	Q3069. 2	404202	0734917	211LLYD	01-25-1977	65.0	510	550	03-19-2003	8.40
405410073281401	S9. 1	405418	0732816	211LLYD	04-21-1955	128.1	505	565	04-15-2003	14.63
405327073184301	S49. 1	405326	0731844	211LLYD	02-08-1946	132.0	747	762	04-17-2003	33.27
404957073073701	S1811. 2	404957	0730737	112GLCLU	03-23-1987	57.7	28	31	04-15-2003	54.46
404659073141801	S1815. 3	404659	0731418	112GLCLU	03-21-1984	72.5	50	54	03-20-2003	45.48
405109072513001	S2485. 1	405109	0725130	112GLCLU	07-28-1948	69.0	65	75	03-25-2003	34.19
404509073152301	S3516. 1	404509	0731523	112GLCLU	04-14-1942	60.0	--	--	03-27-2003	36.11
404918072560301	S3530. 1	404918	0725603	112GLCLU	03-08-1907	65.6	--	--	03-25-2003	32.40
405121072415601	S3539. 1	405121	0724156	112GLCLU	04-14-1942	79.0	--	--	03-24-2003	23.30
405607072393502	S4523. 2	405607	0723935	112GLCLU	09-14-1981	17.4	--	--	03-17-2003	10.65
405220072493101	S6441. 2	405220	0724931	--	02-22-1991	49.5	--	--	03-17-2003	37.41
405347072494001	S6443. 1	405347	0724940	112GLCLU	02-02-1949	55.0	--	--	03-17-2003	42.39
405307072323503	S8835. 2	405307	0723235	112GLCLU	09-18-1981	30.5	--	--	03-25-2003	9.46
404915072531801	S9129. 1	404914	0725317	112GLCLU	07-08-1982	34.0	--	--	03-17-2003	14.48
404831072530501	S9130. 1	404829	0725305	112GLCLU	06-23-1952	26.0	25	28	03-17-2003	11.35
404446073191801	S9646. 1	404446	0731918	112GLCLU	02-25-1958	51.0	--	--	03-20-2003	40.24
404225073234201	S 10314. 1	404225	0732342	112GLCLU	01-29-1958	48.0	--	--	03-20-2003	31.80
404347073195501	S 10370. 1	404347	0731955	--	03-11-1958	38.0	--	--	03-20-2003	26.87
404433073212701	S 11204. 1	404433	0732127	--	01-29-1958	53.0	--	--	03-20-2003	42.60
404540073211001	S 11240. 1	404540	0732110	112GLCLU	01-29-1958	61.0	--	--	03-20-2003	52.27

MISCELLANEOUS SITES--Continued

Station number	Local number	Lat-itude	Long-itude	Aquifer unit code	Start of record	Altitude of land surface (ft, msl)	Screen interval (feet below land surface) Top	Bottom	Date	Water level (ft, msl)
405308073175101	S 15514. 1	405308	0731751	211MGTY	05-15-1984	200.0	533	593	03-20-2003	34.21
404200073252701	S 16480. 1	404200	0732527	112GLCLU	01-30-1958	39.0	35	45	03-20-2003	28.97
405843072352902	S 16756. 2	405843	0723529	112GLCLU	12-10-1975	61.0	59	62	03-18-2003	8.92
410356072260301	S 16780. 1	410356	0722603	112GLCLU	09-30-1958	43.0	47	50	03-17-2003	3.15
405355073174801	S 16883. 1	405355	0731748	112GLCLU	07-16-1958	56.8	--	--	03-18-2003	27.37
405446073180701	S 16884. 1	405446	0731807	112GLCLU	07-16-1958	34.0	40	43	03-18-2003	18.77
405040073175801	S 19057. 1	405040	0731758	211MGTY	04-15-1970	150.0	604	676	03-25-2003	52.68
404902073094001	S 22577. 1	404902	0730940	211MGTY	08-18-1964	60.0	724	734	03-17-2003	40.43
404902073094002	S 22578. 1	404902	0730940	211MGTY	08-18-1964	60.0	392	402	03-17-2003	40.40
404902073094003	S 22579. 1	404902	0730940	112GLCLU	08-18-1964	60.0	200	210	03-17-2003	40.14
405047073120601	S 23631. 1	405047	0731207	211MGTY	03-29-1977	40.0	494	595	03-25-2003	32.04
404818073135904	S 24773. 1	404813	0731356	211MGTY	03-07-1966	118.4	412	422	03-17-2003	43.43
405716072505701	S 26780. 1	405716	0725057	112GLCLU	02-25-1970	21.7	--	--	03-17-2003	18.91
405124072353701	S 30230. 1	405124	0723537	211MGTY	03-12-1970	45.0	805	825	03-25-2003	11.94
405411072232901	S 31037. 1	405411	0722329	211MGTY	03-13-1980	36.0	--	--	04-01-2003	9.47
405838072114201	S 31653. 1	405837	0721137	211MGTY	03-27-1974	68.0	420	460	04-01-2003	11.01
410056072302601	S 32390. 1	410056	0723026	112GLCLU	11-17-1981	36.0	--	--	03-17-2003	7.15
405725072362801	S 33073. 1	405725	0723628	211MGTY	03-12-1970	47.0	440	460	03-17-2003	12.26
405336073073601	S 33500. 1	405340	0730735	211MGTY	03-12-1970	148.0	485	548	03-25-2003	39.84
405715072193701	S 33921. 1	405715	0721937	112GLCLU	01-22-1973	110.0	159	174	03-18-2003	17.26
405246073142801	S 34460. 1	405250	0731429	211MGTY	03-12-1970	153.0	531	596	03-27-2003	34.05
405505072432201	S 36013. 1	405505	0724322	112GLCLU	10-29-1970	47.0	--	--	03-17-2003	22.32
404930073120002	S 36142. 2	404930	0731200	112GLCLU	07-30-1980	81.0	--	--	03-24-2003	43.14
404656073081401	S 36143. 1	404656	0730814	112GLCLU	10-29-1969	72.0	59	62	03-17-2003	32.09
405259072465601	S 36147. 1	405259	0724656	112GLCLU	03-10-1970	47.8	--	--	03-17-2003	35.95
405117072490301	S 36150. 1	405117	0724903	112GLCLU	06-23-1951	50.0	--	--	03-17-2003	33.26
404236073225001	S 37681. 1	404232	0732256	211MGTY	03-21-1977	42.0	--	--	03-20-2003	27.75
404921073122703	S 38491. 1	404920	0731225	211MGTY	05-11-1984	61.0	320	383	03-20-2003	37.62
405924072321501	S 39269. 1	405924	0723215	112GLCLU	03-30-1983	13.6	--	--	03-17-2003	4.10
405206073153002	S 40842. 2	405206	0731530	--	12-09-1975	91.6	60	63	03-17-2003	46.68
405510073063401	S 40849. 1	405510	0730634	112GLCLU	09-29-1971	80.5	--	--	03-24-2003	39.29
405646072564301	S 40852. 1	405656	0725643	112GLCLU	07-07-1971	114.6	95	97	03-17-2003	28.75
405610072562501	S 40853. 2	405610	0725625	112GLCLU	10-04-1985	100.2	74	78	03-17-2003	35.34
405223073021301	S 41050. 1	405222	0730213	112GLCLU	02-14-1972	89.4	67	69	03-18-2003	66.00
405357073194802	S 42681. 2	405354	0731948	112GLCLU	06-22-1983	83.5	75	80	03-18-2003	30.88
405335073073201	S 42683. 1	405335	0730732	112GLCLU	08-23-1972	145.7	--	--	03-17-2003	55.58
404305073161401	S 42762. 1	404305	0731615	211MGTY	03-14-1978	26.0	650	710	03-20-2003	18.83
404820073073402	S 43641. 1	404820	0730734	211MGTY	04-19-1984	99.9	--	--	03-20-2003	40.04
404124073241601	S 43809. 1	404124	0732416	112GLCLU	02-01-1974	34.0	24	34	03-20-2003	20.99
405132073181401	S 45207. 1	405132	0731814	112GLCLU	01-31-1974	165.0	134	144	03-18-2003	60.49
405005073233701	S 45208. 1	405005	0732337	112GLCLU	01-31-1974	185.3	123	133	03-19-2003	72.63
404945073174501	S 45210. 1	404945	0731745	112GLCLU	01-31-1974	130.2	97	107	03-17-2003	58.76
404508073080902	S 45636. 1	404508	0730809	112GLCLU	06-24-1974	14.1	17	27	03-25-2003	9.23
404804073204401	S 45638. 1	404804	0732044	211MGTY	03-19-1976	163.6	658	720	03-25-2003	63.45
405231073250500	S 46281. 1	405231	0732505	112GLCLU	01-31-1974	34.0	38	50	03-18-2003	20.51
404823073211800	S 46283. 1	404823	0732118	112GLCLU	01-31-1974	275.0	225	235	03-17-2003	64.65
405746072175901	S 46527. 1	405747	0721800	112GLCLU	11-21-1972	75.0	--	--	03-17-2003	22.42
405842072211401	S 46528. 1	405843	0722115	112GLCLU	11-22-1972	125.5	99	102	03-18-2003	36.79
405147072305001	S 46532. 1	405147	0723050	112GLCLU	12-01-1972	24.0	--	--	03-20-2003	4.66
405302072313501	S 46533. 1	405302	0723135	112GLCLU	12-01-1972	84.7	--	--	03-25-2003	7.00
405230072341901	S 46534. 1	405230	0723419	112GLCLU	01-09-1973	82.0	81	84	03-20-2003	11.49
405324072352101	S 46536. 1	405324	0723521	112GLCLU	09-24-1976	24.7	--	--	03-20-2003	12.33
405130072353101	S 46537. 1	405130	0723531	112GLCLU	12-08-1972	56.2	--	--	03-25-2003	12.76
405348072370401	S 46538. 1	405340	0723709	112GLCLU	12-01-1972	61.3	--	--	03-20-2003	14.05
405301072415101	S 46542. 1	405301	0724151	112GLCLU	12-08-1972	163.0	--	--	03-19-2003	24.06
405131072455701	S 46546. 1	405131	0724557	112GLCLU	12-11-1972	127.0	--	--	03-19-2003	26.88
405620073022001	S 46549. 1	405624	0730221	112GLCLU	12-20-1972	97.0	97	101	03-18-2003	22.79
404804072484101	S 46713. 1	404804	0724841	211MGTY	03-24-1977	20.0	385	440	03-27-2003	13.10
405230073164400	S 46965. 1	405230	0731644	112GLCLU	01-31-1974	166.0	138	148	03-17-2003	41.16
404952073470501	S 46966. 1	404952	0724705	112GLCLU	01-02-1974	89.0	72	82	03-24-2003	23.53
405417072402300	S 47230. 1	405417	0724023	112GLCLU	05-07-1974	22.0	20	32	03-25-2003	13.19
405407073001101	S 47310. 1	405407	0730011	211MGTY	03-30-1977	135.0	623	693	04-01-2003	48.62
404804073051300	S 47453. 1	404804	0730513	211MGTY	03-15-1978	100.0	380	440	03-25-2003	41.55
404829072463101	S 47489. 1	404829	0724631	112GLCLU	03-20-1973	--	25	31	03-17-2003	11.54
405004072515400	S 47750. 1	405004	0725154	112GLCLU	03-01-1974	95.0	83	93	03-17-2003	27.69
404607072594701	S 47752. 1	404607	0725947	112GLCLU	01-02-1974	24.0	88	98	03-17-2003	8.37
405412072441401	S 47753. 1	405405	0724427	112GLCLU	01-07-1974	45.0	90	100	03-17-2003	25.51
405412072441402	S 47754. 1	405405	0724427	112GLCLU	01-07-1974	45.0	29	39	03-17-2003	25.51
404941072414801	S 48442. 1	404941	0724148	112GLCLU	01-02-1974	44.0	42	52	03-19-2003	12.06

MISCELLANEOUS SITES--Continued

Station number	Local number	Lat-itude	Long-itude	Aquifer unit code	Start of record	Altitude of land surface (ft, msl)	Screen interval (feet below land surface) Top	Bottom	Date	Water level (ft, msl)
410243071560101	S 48519. 1	410242	0715605	112GLCLU	01-08-1974	63.5	68	78	03-20-2003	3.41
405335072562903	S 49606. 1	405337	0725629	211MGTY	03-29-1983	75.0	307	367	04-01-2003	47.56
405120073085101	S 50500. 1	405120	0730851	112GLCLU	04-08-1974	118.0	81	85	03-17-2003	69.54
405059073085601	S 50501. 1	405059	0730757	112GLCLU	04-08-1974	73.6	60	64	03-17-2003	70.99
405010073103101	S 50505. 1	405010	0731031	112GLCLU	12-17-1973	50.0	6	10	03-17-2003	46.59
405146073141001	S 50512. 1	405146	0731410	112GLCLU	12-17-1973	84.5	--	--	03-25-2003	36.26
405100073152601	S 50513. 1	405100	0731526	112GLCLU	04-15-1974	93.0	57	61	03-17-2003	43.94
404432073151303	S 50546. 1	404432	0731513	211MGTY	03-14-1978	39.0	604	665	03-25-2003	26.90
410047072184701	S 51186. 1	410047	0721847	112GLCLU	05-20-1974	24.1	30	40	03-26-2003	2.68
404353073215801	S 51298. 1	404353	0732158	211MGTY	04-29-1984	54.3	--	--	03-27-2003	35.75
405808072385401	S 51568. 1	405808	0723854	112GLCLU	09-20-1974	56.0	58	68	03-18-2003	10.70
405805072403701	S 51571. 1	405805	0724037	112GLCLU	08-06-1974	88.0	95	105	03-18-2003	9.11
405630072442001	S 51577. 1	405630	0724420	112GLCLU	08-05-1974	80.0	83	93	03-18-2003	19.22
405542072463001	S 51579. 1	405542	0724630	112GLCLU	07-17-1974	78.0	75	85	03-17-2003	28.34
405722072342001	S 51581. 1	405722	0723420	112GLCLU	08-13-1974	32.0	32	42	03-17-2003	9.41
405642072491901	S 51586. 1	405642	0724919	112GLCLU	09-30-1974	97.7	88	98	03-17-2003	23.46
405634072380501	S 51588. 1	405634	0723805	112GLCLU	08-13-1974	38.0	47	57	03-17-2003	10.53
405512072395202	S 52449. 1	405512	0723952	112GLCLU	08-06-1974	23.0	28	38	03-18-2003	7.94
405354073021202	S 52490. 1	405355	0730212	211MGTY	03-22-1978	137.0	480	554	03-27-2003	46.78
404944072380901	S 52551. 1	404944	0723809	112GLCLU	09-09-1974	27.8	20	25	03-20-2003	10.29
405924072342301	S 53333. 1	405924	0723423	112GLCLU	03-04-1975	51.0	62	72	03-18-2003	7.19
405032073162802	S 53360. 1	405034	0731618	211MGTY	05-15-1984	141.0	551	667	03-25-2003	45.72
404950073085002	S 53498. 1	404948	0730847	211MGTY	03-30-1977	90.0	663	718	03-20-2003	42.04
405123072533701	S 54883. 1	405049	0725310	112GLCLU	10-16-1975	79.9	--	--	03-24-2003	32.95
405706072345601	S 54885. 1	405706	0723456	112GLCLU	10-29-1975	11.1	16	20	03-17-2003	10.77
405242072381801	S 54886. 1	405241	0723818	112GLCLU	10-16-1975	59.4	51	55	03-24-2003	17.41
405120073231801	S 55049. 1	405120	0732318	112GLCLU	06-19-1975	207.0	175	179	03-18-2003	53.92
404500073062101	S 56030. 1	404500	0730621	112GLCLU	05-03-1994	--	26	31	03-17-2003	19.46
405326072275601	S 57366. 1	405326	0722756	112GLCLU	11-26-1975	55.4	60	64	03-17-2003	4.21
405900072192901	S 57369. 1	405855	0721926	112GLCLU	11-26-1975	76.0	93	97	03-17-2003	13.50
404722073093401	S 57458. 1	404722	0730934	--	01-15-1976	47.4	--	--	03-17-2003	31.87
404651073095701	S 57470. 1	404651	0730957	--	01-15-1976	28.0	--	--	03-17-2003	24.59
405123073125101	S 57484. 1	405123	0731251	112GLCLU	11-17-1975	15.5	15	19	03-24-2003	11.33
405048073122801	S 57488. 1	405048	0731228	112GLCLU	12-05-1975	30.0	--	--	03-17-2003	28.09
405514073050103	S 57980. 1	405514	0730501	211MGTY	03-30-1977	187.0	630	700	03-25-2003	36.07
410040072002501	S 58921. 1	410040	0720024	112GLCLU	10-05-1976	48.0	67	72	03-19-2003	3.42
410356071544201	S 58922. 1	410355	0715444	112GLCLU	10-05-1976	47.8	51	56	03-19-2003	2.55
410404071565901	S 58923. 1	410401	0715701	112GLCLU	10-05-1976	57.3	65	70	03-19-2003	8.20
405933072093401	S 58924. 1	405934	0720932	112GLCLU	10-05-1976	110.3	132	137	03-20-2003	9.43
405950072124501	S 58925. 1	405952	0721245	112GLCLU	10-05-1976	72.0	85	90	03-20-2003	10.13
405737072215801	S 58958. 1	405738	0722159	112GLCLU	09-20-1976	190.0	203	208	03-18-2003	24.85
405816072162801	S 58959. 1	405808	0722035	112GLCLU	11-03-1976	187.5	195	200	03-18-2003	15.44
405827072190501	S 58960. 1	405827	0721905	112GLCLU	10-05-1976	134.2	150	155	03-17-2003	20.77
405615072182301	S 59793. 1	405616	0721823	211MGTY	03-21-1984	34.0	512	522	03-17-2003	11.37
405642072240001	S 59992. 1	405642	0722400	211MGTY	11-09-1977	24.2	268	278	03-18-2003	5.51
404524073044801	S 60812. 1	404524	0730448	211MGTY	04-20-1984	38.0	404	484	03-25-2003	24.42
405616072182301	S 62393. 1	405616	0721823	112GLCLU	03-21-1984	34.0	30	34	03-17-2003	15.38
410111072010101	S 62397. 1	410111	0720101	112GLCLU	12-17-1980	57.2	61	65	03-19-2003	4.07
405604073080001	S 62407. 1	405604	0730800	112GLCLU	10-25-1977	40.0	41	45	03-24-2003	13.72
404415073114001	S 63618. 1	404416	0731137	211MGTY	04-24-1984	20.0	490	550	03-25-2003	20.30
404520073102001	S 63814. 1	404520	0731020	--	03-23-1978	38.0	--	--	03-27-2003	18.49
404345073124001	S 63835. 1	404345	0731240	--	04-21-1978	13.5	--	--	03-20-2003	8.39
405652072590003	S 64023. 1	405643	0725859	211MGTY	04-21-1984	160.0	709	791	03-27-2003	23.15
404210073182501	S 64192. 1	404210	0731825	--	05-04-1978	17.6	--	--	03-20-2003	9.88
404659073202001	S 64313. 1	404659	0732020	112GLCLU	03-21-1979	89.4	25	30	03-20-2003	72.79
404746073221901	S 64316. 1	404746	0732219	112GLCLU	03-22-1979	160.1	58	63	03-17-2003	108.52
404900073242801	S 64317. 1	404900	0732428	112GLCLU	06-15-1978	149.6	78	83	03-19-2003	70.35
404813073084102	S 65601. 1	404813	0730841	112GLCLU	09-07-1978	62.6	38	41	03-17-2003	38.56
405030073180601	S 65602. 1	405030	0731806	112GLCLU	09-29-1978	146.0	91	96	03-17-2003	70.95
404713072575701	S 65603. 1	404718	0725749	112GLCLU	10-06-1978	54.0	65	70	03-17-2003	25.74
405003073155201	S 65607. 1	405003	0731552	112GLCLU	09-12-1978	138.0	97	102	03-17-2003	47.53
405245072573702	S 66506. 1	405245	0725737	112GLCLU	01-30-1979	83.0	55	60	03-17-2003	49.90
405345072591101	S 66507. 1	405345	0725911	112GLCLU	01-30-1979	100.0	68	72	03-17-2003	50.89
405014072564001	S 66508. 1	405013	0725640	112GLCLU	01-30-1979	66.0	55	60	03-17-2003	37.77
405002073043501	S 66509. 1	405002	0730435	112GLCLU	01-30-1979	139.7	109	114	03-17-2003	49.84
405644073051201	S 66511. 1	405644	0730512	112GLCLU	01-30-1979	105.0	--	--	03-17-2003	12.11
405504073011201	S 66512. 1	405504	0730112	112GLCLU	01-30-1979	120.6	99	104	03-18-2003	47.35
404949073215101	S 66847. 1	404949	0732151	112GLCLU	12-13-1978	170.8	97	102	03-17-2003	72.79
404632073070802	S 67074. 1	404632	0730706	211MGTY	04-19-1984	70.0	765	825	03-20-2003	36.95

MISCELLANEOUS SITES--Continued

Station number	Local number	Lat-itude	Long-itude	Aquifer unit code	Start of record	Altitude of land surface (ft, msl)	Screen interval (feet below land surface) Top	Bottom	Date	Water level (ft, msl)
404652073120301	S 67197. 1	404652	0731203	211MGTY	04-24-1984	65.0	--	--	03-20-2003	33.07
405255073044301	S 67564. 1	405255	0730443	112GLCLU	03-27-1980	103.0	80	85	03-17-2003	54.80
405551072561601	S 69364. 1	404551	0725616	211MGTY	03-23-1983	32.8	--	--	03-27-2003	19.72
410343071533101	S 70262. 1	410343	0715331	112GLCLU	06-01-1981	50.5	158	163	03-19-2003	3.84
410213071572202	S 70263. 1	410213	0715722	112GLCLU	05-05-1981	27.8	40	45	03-19-2003	3.97
405155073045203	S 70488. 1	405158	0730448	211MGTY	04-21-1984	95.6	344	437	03-25-2003	52.71
410219071591101	S 70614. 1	410219	0715911	112GLCLU	05-05-1981	86.0	90	95	03-19-2003	3.75
410320071570601	S 70617. 1	410320	0715706	112GLCLU	03-09-1982	72.7	93	97	03-19-2003	7.20
410330071563901	S 70618. 1	410330	0715639	112GLCLU	05-05-1981	85.6	100	105	03-19-2003	3.55
410414071515901	S 70627. 1	410414	0715159	112GLCLU	12-08-1981	90.1	90	95	03-19-2003	12.47
404807072590801	S 71785. 1	404807	0725908	211MGTY	04-14-1984	71.9	--	--	04-01-2003	34.05
404750073225302	S 74284. 2	404750	0732253	211MGTY	03-27-1984	154.0	699	704	03-17-2003	66.10
404750073225303	S 74285. 1	404750	0732253	211MGTY	03-27-1984	154.3	440	445	03-17-2003	66.67
404750073225304	S 74286. 1	404750	0732253	211MGTY	03-27-1984	154.6	107	112	03-17-2003	67.99
405418072511201	S 74289. 1	405417	0725116	112GLCLU	05-10-1983	76.8	40	44	03-17-2003	44.82
405421072474501	S 74291. 1	405421	0724745	112GLCLU	05-10-1983	44.4	15	19	03-17-2003	39.64
405115072370501	S 74300. 1	405127	0723643	112GLCLU	05-10-1983	75.0	68	72	03-20-2003	14.94
405419072381201	S 74304. 1	405417	0723810	112GLCLU	05-11-1983	25.3	25	29	03-20-2003	9.51
404849073261201	S 74585. 1	404849	0732612	211MGTY	04-02-1984	365.0	452	455	03-20-2003	62.89
404859073194003	S 75455. 1	404859	0731940	211MGTY	03-27-1984	230.2	500	505	03-17-2003	62.67
404530073181102	S 76016. 2	404530	0731811	211MGTY	06-19-1984	63.5	752	757	03-20-2003	41.24
404530073181103	S 76017. 1	404530	0731811	211MGTY	06-19-1984	63.2	495	500	03-20-2003	40.92
404530073181104	S 76018. 1	404530	0731811	211MGTY	06-19-1984	63.0	186	191	03-20-2003	41.40
404530073181105	S 76019. 1	404530	0731811	112GLCLU	09-11-1984	63.0	57	62	03-20-2003	51.38
404852073024202	S 76478. 1	404852	0730242	112GLCLU	04-06-1984	104.8	70	75	03-17-2003	45.07
404942073175502	S 76673. 2	404942	0731755	211MGTY	08-15-1984	130.0	625	630	03-17-2003	57.05
404942073175503	S 76674. 1	404942	0731755	211MGTY	08-15-1984	130.0	455	460	03-17-2003	57.32
404942073175504	S 76675. 1	404942	0731755	211MGTY	08-15-1984	130.0	245	250	03-17-2003	58.30
405446072524801	S 76834. 1	405446	0725248	112GLCLU	06-22-1984	87.9	44	48	03-17-2003	47.54
405004072515402	S 78323. 1	405004	0725154	211MGTY	03-05-1985	95.0	331	336	03-17-2003	27.32
404846072533204	S 84806. 1	404846	0725332	211MGTY	03-23-1987	17.6	839	849	03-26-2003	23.63
404846072533201	S 84807. 1	404846	0725332	211MGTY	03-23-1987	17.7	545	556	03-26-2003	21.09
404846072533203	S 84808. 1	404846	0725332	211MGTY	03-23-1987	17.5	101	106	03-17-2003	11.27
404846072533202	S 85712. 1	404846	0725332	112GLCLU	03-23-1987	17.5	21	22	03-17-2003	11.04
405405072442701	S 89534. 1	405405	0724427	211MGTY	03-22-1994	44.0	782	792	03-17-2003	24.37
405405072442702	S 89535. 1	405405	0724427	211MGTY	03-14-1990	44.0	510	520	03-17-2003	25.34
405405072442703	S 89536. 1	405405	0724427	211MGTY	03-14-1990	44.0	260	270	03-17-2003	25.51
405038072431104	S 94489. 1	405038	0724311	211MGTY	03-22-1990	46.0	824	834	03-24-2003	15.40
404759073251701	S 95963. 1	404759	0732517	112GLCLU	03-21-1994	170.0	180	190	03-20-2003	68.12
404759073251702	S 95964. 1	404759	0732517	211MGTY	03-21-1994	170.5	396	406	03-18-2003	67.73
405914072190803	S105710. 1	405914	0721908	211MGTY	01-23-1995	44.1	437	447	03-17-2003	10.32
405844072191702	S105711. 1	405844	0721917	211MGTY	01-23-1995	114.5	372	382	03-17-2003	11.63
405914072190802	S106182. 1	405914	0721908	112GLCLU	09-26-1994	43.8	45	55	03-17-2003	18.01
405844072191701	S106185. 1	405844	0721917	112GLCLU	09-20-1994	114.2	115	125	03-18-2003	67.05
405741072161801	S106189. 1	405741	0721618	112GLCLU	09-15-1994	70.3	77	87	03-20-2003	14.32

Aquifer unit code	Description
112GLCLU	Upper glacial aquifer, Pleistocene age.
112PLSC	Pleistocene deposit, undifferentiated
112PGFG	Port Washington confining unit, Pleistocene age.
112PGQF	Port Washington aquifer, Pleistocene age.
112GRDR	Gardiners Clay, Pleistocene age.
112JMCO	Jameco Gravel, Pleistocene age.
211MGTY	Magothy aquifer, Cretaceous age.
211RCNF	Raritan confining unit, Cretaceous age.
211LLYD	Lloyd aquifer, Cretaceous age.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

NASSAU AND QUEENS COUNTIES

The following wells were sampled for water quality during the 2003 water year by the agency listed below. For further information, contact:

Nassau County Department of Public Works
Water Supply Unit
170 Cantiague Rock Road
Hicksville, NY 11801

Local identifier	Local identifier	Local identifier	Local identifier	Local identifier	Local identifier
N129	N8052	N9419	N9942	N11962	N12646
N180	N8204	N9469	N9945	N12082	N12665
N1147	N8414	N9472	N9964	N12102	N12697
N1102	N8646	N9647	N10000	N12151	N12711
N1139	N8669	N9648	N10001	N12153	N12733
N1194	N8831	N9651	N10007	N12164	N12747
N1231	N8832	N9653	N10084	N12232	N12755
N2790	N8838	N9655	N10130	N12240	N12771
N3498	N8849	N9664	N10133	N12250	N12772
N3554	N8857	N9669	N10134	N12253	N12774
N3861	N8863	N9703	N10202	N12256	N12775
N3862	N8876	N9712	N10245	N12257	N12790
N3865	N8984	N9713	N10252	N12263	N12791
N3867	N9054	N9776	N10291	N12274	N12793
N4062	N9117	N9802	N10425	N12275	N12870
N4213	N9154	N9898	N10430	N12318	N12894
N4547	N9313	N9902	N10620	N12320	N12895
N5129	N9356	N9906	N10667	N12483	N12921
N6657	N9371	N9917	N10979	N12507	N12946
N6701	N9372	N9921	N11490	N12508	Q287
N6704	N9396	N9924	N11671	N12571	Q1187
N6928	N9408	N9927	N11780	N12613	Q3109
N7161	N9409	N9936	N11832	N12614	
N8046	N9410	N9938	N11961	N12618	

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

NASSAU COUNTY

The following wells were sampled for water quality during the 2001 water year by the agency listed below. For further information, contact:

Nassau County Department of Health
240 Old Country Road
Mineola, NY 11501

Local identifier	Local identifier	Local identifier	Local identifier	Local identifier	Local identifier	Local identifier	Local identifier
N69	N3935	N5792	N7157	N8218	N8956	N10211	N12796
N81	N3953	N6077	N7353	N8246	N9173	N10286	N12918
N1601	N4082	N6087	N7421	N8248	N9210	N10408	N12981
N2602	N4245	N6190	N7548	N8251	N9211	N10557	N12999
N2748	N5152	N6744	N7664	N8279	N9334	N10889	N13000
N3443	N5153	N6866	N7772	N8474	N9446	N11107	N13119
N3475	N5155	N6867	N7773	N8475	N9591	N11295	N13192
N3704	N5304	N6915	N7855	N8497	N9613	N12217	N13268
N3742	N5322	N7104	N8010	N8818	N9846	N12560	N13303
N3761	N5653	N7117	N8196	N8881	N10103	N12639	N13367
							N13383

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

SUFFOLK COUNTY

The following wells were sampled for water quality during the 2003 water year by the agency listed below. For further information, contact:

Suffolk County Department of Health Services
Office of Water Resources
220 Rabro Drive East
Hauppauge, NY 11788

Local identifier	Local identifier	Local identifier	Local identifier	Local identifier	Local identifier
S44914	S45720	S47225	S47753	S48720	S66508
S45053	S45721	S47675	S47754	S48759	S66511
S45208	S45722	S47718	S47755	S49233	S66513
S45210	S46281	S47743	S47756	S52162	S75455
S45212	S46284	S47746	S47757	S52163	S75456
S45447	S46287	S47747	S47788	S52164	S89534
S45636	S46502	S47748	S47945	S53323	S89535
S45637	S46962	S47749	S47973	S53335	S89536
S45718	S46966	S47751	S47974	S58924	
S45719	S47224	S47752	S48651	S66506	

SUFFOLK COUNTY

The following wells were sampled for water quality during the 2003 water year by the agency listed below. For further information, contact:

Suffolk County Water Authority
Sunrise Highway
Oakdale, NY 11769

Local identifier	Local identifier	Local identifier	Local identifier	Local identifier	Local identifier	Local identifier	Local identifier	Local identifier	Local identifier
S8	S21632	S30234	S37494	S46400	S53851	S66758	S83475	S107792	S115975
S75	S22048	S30506	S37681	S46713	S54305	S66881	S83707	S107894	S116835
S703	S22362	S31038	S37847	S46830	S54308	S67074	S84848	S108161	S117125
S1313	S22389	S31039	S37861	S46928	S54377	S67197	S88463	S108235	S117209
S2415	S22471	S31104	S37963	S47024	S54473	S67656	S89756	S108335	S117454
S7383	S22547	S31471	S38192	S47035	S54568	S67819	S90674	S108347	S117500
S10733	S22640	S31624	S38194	S47219	S55028	S67925	S93519	S108562	S117501
S11105	S22711	S31913	S38320	S47310	S55463	S68230	S93701	S108911	S117629
S11810	S22880	S32180	S38321	S47435	S55502	S68552	S93702	S109073	S117665
S12130	S23183	S32287	S38491	S47436	S55733	S68666	S93794	S109249	S117679
S14326	S23184	S32325	S38701	S47437	S56038	S68690	S94138	S109640	S117742
S14710	S23185	S32326	S38784	S47438	S56039	S68880	S94274	S109647	S117743
S14792	S23186	S32359	S38785	S47453	S56133	S69024	S94286	S109750	S117789
S15500	S23255	S32412	S38916	S47673	S56674	S69364	S96232	S110018	S117831
S15501	S23371	S32501	S38917	S47886	S57008	S69511	S96352	S110782	S117856
S15514	S23445	S32551	S39024	S47887	S57354	S70008	S96673	S111004	S117861
S15746	S23524	S32552	S39347	S48193	S57357	S70459	S97501	S111165	S117863
S15776	S23715	S33005	S39536	S48719	S57871	S70488	S97502	S111457	S118097
S15795	S23828	S33006	S40161	S49422	S57961	S70767	S98350	S111969	S118291
S16129	S23832	S33308	S40330	S49606	S57979	S71038	S98523	S112236	S118292
S16175	S24047	S33500	S40331	S50222	S57980	S71083	S98721	S112290	S118355
S16309	S24484	S33775	S40497	S50546	S58708	S71533	S99014	S112293	S118363
S16395	S24552	S33820	S40498	S50630	S58761	S71715	S99908	S112780	S118364
S16892	S24663	S33922	S40709	S51214	S59347	S71785	S99130	S113006	S118550
S17037	S24846	S33970	S40710	S51266	S59744	S71881	S99271	S113016	S118689
S17474	S24850	S34007	S40711	S51274	S60127	S71882	S99960	S113156	S118737
S17576	S24851	S34030	S40837	S51275	S60486	S71892	S100204	S113157	S118753
S17577	S25449	S34031	S40838	S51298	S60812	S72245	S100453	S113387	S118806
S17689	S25617	S34300	S40980	S51457	S61910	S72271	S100608	S113451	S118818
S18846	S25776	S34301	S42226	S51519	S61937	S72300	S100691	S113525	S118878
S19048	S26681	S34460	S42227	S51609	S62022	S72326	S101321	S113641	S118884
S19198	S27070	S34733	S42270	S51673	S62240	S72917	S101364	S113643	S118987
S19399	S27192	S34894	S42473	S51953	S62855	S73063	S101579	S113672	S119039
S19465	S27440	S35033	S42504	S52126	S63205	S73144	S101655	S113812	S119207
S19584	S27533	S35446	S42505	S52451	S63256	S73332	S101755	S114163	S119237
S20057	S27784	S35494	S42760	S52490	S63618	S73492	S102248	S114649	S119306
S20300	S28408	S35939	S42761	S52943	S63966	S73847	S102721	S115099	S119415
S20305	S28503	S36166	S42762	S52944	S64023	S74505	S103447	S115269	S119652
S20318	S28819	S36459	S42827	S52945	S64062	S74573	S103519	S115361	S119856
S20369	S28928	S36460	S43001	S53074	S64609	S74865	S103522	S115444	S119927
S20479	S29411	S36714	S43088	S53291	S64847	S76304	S103523	S115545	S119995
S20530	S29491	S36748	S43117	S53360	S65505	S76305	S105003	S115563	S120019
S20635	S29492	S36791A	S43641	S53361	S65766	S76772	S105300	S115663	S120243
S20687	S29732	S36791B	S44640	S53497	S66183	S77010	S105301	S115702	S120485
S20689	S30088	S36869	S44774	S53498	S66184	S78310	S105524	S115703	S120636
S20705	S30117	S36965	S44774B	S53522	S66366	S78612	S105669	S115704	S120830
S20839	S30118	S36976	S45610	S53593	S66429	S79293	S106416	S115706	S121041
S21121	S30207	S37140	S45839	S53697	S66496	S81473	S106565	S115776	S121048
S21244	S30227	S37141	S45840	S53747	S66657	S82174	S106977	S115899	
S21247	S30228	S37301	S46235	S53850	S66733	S83096	S106978	S115945	

Sample sites

All sites sampled as part of the Brooklyn and Queens Aquifer Study, New York State Pesticide Monitoring Program, Mosquito Insecticides in Surface Water Study, South Fork Evaluation Study, Manhasset Neck Peninsula Aquifer Study, Waste Water Coumpounds in Ground Water Study are reported in the water quality tables. Ground-water sites include observation wells, industrial-supply wells, and public-supply wells. Most surface-water and ground-water samples were analyzed in the U.S. Geological Survey Laboratory in Denver, Colorado. Samples collected as part of the Mosquito insecticides in Surface water Study were analyzed at the USGS Kansas Organic Water Quality Research Laboratory. All samples collected in accordance with the USGS field manual, available on line at http://water.usgs.gov/owq/FieldManual.

Analyses of pesticides in surface-water and ground-water samples (laboratory schedule 2001)

Selected surface-water and ground-water samples from New York State Pesticide Monitoring Program sites were analyzed for pesticides on laboratory schedule 2001 during the 2003 water year. This table lists the pesticides on the schedule, the National Water Information System parameter code, the unit of measure (micrograms per liter, µg/L), and the reporting level. **Only pesticides detected in at least one sample are listed in the organic water-quality tables.**

SCHEDULE DESCRIPTION.--Pesticides in filtered water extracted on C-18 Solid Phase Extraction (SPE) cartridge and analyzed by Gas Chromatography/Mass Spectrometry (GC/MS).

SAMPLE REQUIREMENTS.--1 liter of water filtered through 0.7-micron glass-fiber depth filter, processed by chilling at 4° C (packed in ice).

CONTAINER REQUIREMENTS.--1 liter baked amber glass bottle (GCC).

PCODE.--The National Water Information System parameter code.

COMPOUND NAME.--Pesticide name.

OTHER NAME.--Common or trade name(s) for constituent

MRL.--Minimum reporting level.

PCode	Compound name (other names)	MRL (µg/L)
49260	Acetochlor (Harness Plus, Surpass)	0.006
61029	Acetochlor ESA	0.05
61030	Acetochlor OA	0.05
62847	Acetochlor SAA	0.05
50009	Alachlor ESA	0.05
61031	Alachlor OA	0.05
62848	Alachlor SAA	0.05
46342	Alachlor (Lasso, Bullet)	0.004
39632	Atrazine (Atrex, Atred)	0.007
82673	Benfluralin (Benefin, Balan)	0.010
04028	Butylate (Genate Plus, Suntan+)	0.002
82680	Carbaryl (Sevin, Denapan)	0.041
82674	Carbofuran (Furandan, Curaterr)	0.020
38933	Chlorpyrifos (Brodan, Dursban)	0.005
04041	Cyanazine (Bledex, Fortrol)	0.018
82682	DCPA (Dacthal, Chlorthal-dimethyl)	0.003
62170	Desulfinyl fipronil	0.004
34653	*p,p´*-DDE	0.003
04040	Deethylatrazine (metabolite of Atrazine)	0.006
39572	Diazinon (Basudin, Diazatol)	0.005
39381	Dieldrin (Panoram D-31, Octalox)	0.005
82660	Diethylanaline (metabolite of Alachlor)	0.006
61951	Dimethenamid ESA	0.05
62482	Dimethenamid OA	0.05
82677	Disulfoton (Disyston, Frumin AL)	0.02
82668	EPTC (Eptam, Farmarox)	0.002
82663	Ethalfluralin (Sonalan, Curbit)	0.009
82672	Ethoprop (Mocap, Ethoprophos)	0.005
04095	Fonofos (Dyfonate, Capfos)	0.003
62169	Desulfinylfipronilamide	0.009
62167	Fipronil sulfide	0.005
62168	Fipronil sulfone	0.005
62166	Fipronil	0.007
61952	Flufenacet ESA	0.05
62483	Flufenacet OA	0.05
34253	α-HCH (α-BHC, α-lindane)	0.005
39341	γ-HCH (Lindane, γ-BHC)	0.004
82666	Linuron (Lorex, Linex)	0.035
39532	Malathion	0.027
82686	Methyl azinphos (Guthion, Gusathion)	0.050
39415	Metolachlor (Dual, Pennant)	0.013
61043	Metolachlor ESA	0.05
61044	Metolachlor OA	0.05
82630	Metribuzin (Lexon, Sencor)	0.006
82671	Molinate (Ordram)	0.002
82684	Napropamide (Devrinol)	0.007
39542	Ethyl-Parathion (Roethyl-P, Alkron)	0.010
82667	Methyl-Parathion (Penncap-M)	0.006
82669	Pebulate (Tillam, PEBL)	0.004
82683	Pendimethalin (Prowl, Stomp, Pre-M)	0.022
82687	*cis*-Permethrin (Ambush, Astro)	0.006
82664	Phorate (Thimet, Granutox)	0.011
04037	Prometon (Pramitol, Princep)	0.01
82676	Pronamide (Kerb) (Propyzamid)	0.004
62766	Propachlor ESA	0.05
62767	Propachlor OA	0.05
04024	Propachlor (Ramrod, Satecid)	0.010
82679	Propanil (Stampede, Stam)	0.011
82685	Propargite (Omite, Alkyl sulfite)	0.02
04035	Simazine (Princep, Caliber 91)	0.005
82670	Tebuthiuron (Spike, Tebusan)	0.02
82665	Terbacil (Sinbar)	0.034
82675	Terbufos (Counter, Contraven)	0.02
82681	Thiobencarb (Bolero, Saturn)	0.005
82678	Triallate (Avadex BW, Far-Go)	0.002
82661	Trifluralin (Treflan, Gowan)	0.009

Analyses of pesticides and degradates in surface-water and ground-water samples (laboratory schedule 2002)

Selected surface-water and ground-water samples from Brooklyn and Queens Aquifer Study, New York State Pesticide Monitoring Program, and South Fork Evaluation Study sites were analyzed for pesticides and degradates on

laboratory schedule 2002 during the 2003 water year. This table lists the pesticides on the schedule, the National Water Information System parameter code, the unit of measure (micrograms per liter, µg/L), and the reporting level. **Only pesticides and degradates detected in at least one sample are listed in the organic water-quality tables.**

SCHEDULE DESCRIPTION.--Pesticides and degradates in filtered water extracted on C-18 Solid Phase Extraction (SPE) cartridge and analyzed by Gas Chromatography/Mass Spectrometry (GC/MS).

SAMPLE REQUIREMENTS.--1 liter of water filtered through 0.7-micron glass-fiber depth filter, processed by chilling at 4° C (packed in ice).

CONTAINER REQUIREMENTS.--1 liter baked amber glass bottle (GCC).

PCODE.--The National Water Information System parameter code.

COMPOUND NAME.--Pesticide name.

OTHER NAME.--Common or trade name(s) for constituent

MRL.--Minimum reporting level.

PCode	Compound name (other names)	MRL (µg/L)
61611	1,4-Napthoquinone	0.0509
49295	1-Naphthol	0.0882
61614	2,5-Dichloroaniline	0.0261
61617	2-Amino-*N*-isopropylbenzamide	0.0049
61618	2-Chloro-2,6-diethylacetanilide	0.0050
61620	2-Ethyl-6-methylaniline	0.0045
61625	3,4-Dichloroaniline	0.0045
61627	3,5-Dichloroaniline	0.0047
61630	3-Trifluoromethylaniline	0.0108
61631	4,4´-Dichlorobenzophenone	0.0034
61633	4-Chloro-2-methylphenol	0.0056
61634	4-Chlorobenzylmethyl sulfone	0.0304
61635	Azinphos-methyl-oxon	0.016
61580	Bifenthrin	0.0053
38716	Sulprofos	0.0155
61636	Chlorpyrofos, oxygen analog	0.0562
79842	*cis*-Methyl-3-(2,2-dichlorovinyl)-2,2-dimethyl-(1-cyclopropane)-carboxylate	0.0393
79846	*cis*-Propiconazole	0.008
04031	Cycloate	0.0047
61637	2-(4-*tert*-butylphenoxy)-cyclohexanol	0.0108
61585	Cyfluthrin	0.008
61586	Cypermethrin	0.0086
38775	Dichlorvos	0.0118
38454	Dicrotophos	0.0843
82662	Dimethoate	0.0061
61640	Disulfoton sulfone	0.0159
61641	Disulfoton sulfoxide	0.0021
79844	e-Dimethomorph	0.0203
34362	alpha-Endosulfan	0.0047
34357	beta-Endosulfan	0.0142
61590	Endosulfan sulfate	0.0058
61642	Endosulfan ether	0.0041
82346	Ethion	0.0040
61615	Ethylmethylphenylamionpropanol (Tribufos)	0.126
61644	Ethion monoxon	0.0336
61591	Fenamiphos	0.0290
61645	Fenamiphos sulfone	0.0077
61646	Fenamiphos sulfoxide	0.031
38801	Fenthion	0.0154
61592	Flumetralin	0.004
61647	Fenthion sulfoxide	0.0079
61649	Fonofos, oxygen analog	0.0021
04025	Hexazinone	0.0129
61593	Iprodione	1.42
61594	Isofenphos	0.0034
61595	lambda-Cyhalothrin	0.0089
61652	Malaoxon	0.008
61596	Metalaxyl	0.0051
61598	Methidathion	0.0058
61599	Myclobutanil	0.008
61660	*O*-Ethyl-*O*-methyl-*S*-propylphosphorothioate	0.0083
61600	Oxyfluorfen	0.0073
61663	Paraoxon-ethyl	0.008
61664	Paraoxon-methyl	0.0299
61666	Phorate oxon	0.0973
61601	Phosmet	0.0079
61668	Phosmet oxon	0.0553
61602	Tebupirimphos	0.0055
61669	Tebupirimphos oxygen analogue	0.0063
61603	Profenofos	0.0059
04036	Prometryn	0.0054
61604	Propetamphos	0.0038
61605	Sulfotepp	0.0025
61606	Tefluthrin	0.0077
61607	Temephos (Abate)	0.267
61674	Terbufos-O-analogue sulfone	0.0676
04022	Terbuthylazine	0.0102
79843	*trans*-Methyl-3-(2,2-dichlorovinyl)-2,2-dimethyl-(1-cyclopropane)-carboxylate	0.0335
79847	*trans*-Propiconazole	0.0133
61610	Tribufos	0.0044
79845	z-Dimethomorph	0.0457

Analyses of pesticides and degradates in surface-water and ground-water samples (laboratory schedule 2003)

Selected surface-water and ground-water samples from Brooklyn and Queens Aquifer Study and South Fork Evaluation Study sites were analyzed for pesticides and degradates on laboratory schedule 2003 during the 2003 water year. This table lists the pesticides on the schedule, the National Water Information System parameter code, the unit of measure (micrograms per liter, µg/L), and the reporting level. **Only pesticides and degradates detected in at least one sample are listed in the organic water-quality tables.**

SCHEDULE DESCRIPTION.--Pesticides and degradates in filtered water extracted on C-18 Solid Phase Extraction (SPE) cartridge and analyzed by Gas Chromatography/Mass Spectrometry (GC/MS).

SAMPLE REQUIREMENTS.--1 liter of water filtered through 0.7-micron glass-fiber depth filter, processed by chilling at 4° C (packed in ice).

CONTAINER REQUIREMENTS.--1 liter baked amber glass bottle (GCC).

PCODE.--The National Water Information System parameter code.

COMPOUND NAME.--Pesticide name.

OTHER NAME.--Common or trade name(s) for constituent

MRL.--Minimum reporting level.

PCode	Compound name (other names)	MRL (µg/L)
49295	1-Naphthol	0.09
61618	2-Chloro-2,6-diethylacetanilide	0.005
61620	2-Ethyl-6-methylaniline	0.004
61625	3,4-Dichloroaniline	0.004
61633	4-Chloro-2-methylphenol	0.006
49260	Acetochlor	0.006
46342	Alachlor	0.004
82660	2,6-Diethylaniline	0.006
39632	Atrazine	0.007
82686	Azinphos-methyl	0.050
61635	Azinphos-methyl-oxon	0.02
82673	Benfluralin	0.010
82680	Carbaryl	0.041
38933	Chlorpyrifos	0.005
61636	Chlorpyrofos, oxygen analog	0.06
82687	cis-Permethrin	0.006
61585	Cyfluthrin	0.008
61586	Cypermethrin	0.009
82682	DCPA	0.003
04040	2-Chloro-4-isopropylamino-6-amino-s-triazine (CIAT)	0.006
39572	Diazinon	0.005
61638	Diazinon, oxygen analog	0.01
38775	Dichlorvos	0.01
38454	Dicrotophos	0.08
39381	Dieldrin	0.005
82662	Dimethoate	0.006
82346	Ethion	0.004
61644	Ethion monoxon	0.03
61591	Fenamiphos	0.03
61645	Fenamiphos sulfone	0.008
61646	Fenamiphos sulfoxide	0.03
62169	Desulfinylfipronil amide	0.009
62167	Fipronil sulfide	0.005
62168	Fipronil sulfone	0.005
62170	Desulfinylfipronil	0.004
62166	Fipronil	0.007
04095	Fonofos	0.003
61649	Fonofos, oxygen analog	0.002
04025	Hexazinone	0.013
61593	Iprodione	1
61594	Isofenphos	0.003
61652	Malaoxon	0.008
39532	Malathion	0.027
61596	Metalaxyl	0.005
61598	Methidathion	0.006
82667	Parathion-methyl	0.006
39415	Metolachlor	0.013
82630	Metribuzin	0.006
61599	Myclobutanil	0.008
61664	Paraoxon-methyl	0.03
82683	Pendimethalin	0.022
82664	Phorate	0.011
61666	Phorate oxon	0.10
61601	Phosmet	0.008
61668	Phosmet oxon	0.06
04037	Prometon	0.01
04036	Prometryn	0.005
82676	Propyzamide	0.004
04035	Simazine	0.005
82670	Tebuthiuron	0.02
82675	Terbufos	0.02
61674	Terbufos-O-analogue sulfone	0.07
04022	Terbuthylazine	0.01
82661	Trifluralin	0.009

Analyses of pesticides in surface-water and ground-water samples (laboratory schedule 2060)

Surface-water and ground-water samples from both Brooklyn and Queens Aquifer Study, and South Fork Evaluation Study sites were analyzed for pesticides on laboratory schedule 2060 during the 2003 water year. This table lists the pesticides on the schedule, the National Water Information System parameter code, the unit of measure (micrograms per liter, µg/L), and the reporting level. **Only pesticides detected in at least one sample are listed in the organic water-quality tables.**

SCHEDULE DESCRIPTION.--Pesticides in filtered water extracted using a 0.5-gram graphitized carbon-based solid phase cartridge, eluted from the cartridge into two analytical fractions, and analyzed using high-performance liquid chromatography with photo-array detection.

SAMPLE REQUIREMENTS.--1 liter of water filtered through a 0.7 micron glass-fiber depth filter, and chilled at 4°C (packed in ice).

CONTAINER REQUIREMENTS.--1 liter baked amber glass bottle (GCC).

PCODE.--The National Water Information System parameter code.

COMPOUND NAME.--Pesticide or metabolite name.

OTHER NAME.--Common or trade name(s) for constituent

MRL.--Minimum reporting level.

PCode	Compound name (other names)	MRL (µg/L)
49315	Acifluorfen (Blazer, Tackle 2S)	0.007
49312	Aldicarb (Temik, Ambush)	0.04
49313	Aldicarb sulfone (Standak, Aldoxycad)	0.02
49314	Aldicarb sulfoxide	0.008
39632	Atrazine	0.007
50299	Bendiocarb	0.03
50300	Benomyl	0.004
61693	Bensulfuron-methyl	0.02
38711	Bentazon (Basagran, Bentazone)	0.01
04029	Bromacil (Bromax, Urox B)	0.03
49311	Bromoxynil (Torch, Buctril)	0.02
50305	Caffeine	0.010
49310	Carbaryl (Sevin, Denapan)	0.03

PCode	Compound name (other names)	MRL (µg/L)
49309	Carbofuran (Furandan, Curaterr)	0.006
61188	Chloramben, methyl ester	0.02
50306	Chlorimuron-ethyl	0.010
49306	Chlorothalonil (Bravo, Daconil 2787)	0.04
49305	Clopyralid (Stringer)	0.01
04031	Cycloate	0.01
49304	Dacthal monoacid	0.01
04040	Deethylatrazine	0.006
04039	Deethyldeisopropylatrazine	0.01
04038	Deisopropylatrazine	0.04
38442	Dicamba (Banval, Dianat)	0.01
39732	2,4-Dichlorophenoxyacetic acid (2,4-D, AquaKleen)	0.02
50470	2,4-D methyl ester	0.009
38746	2,4-Dichlorophenoxybutyric acid (2,4-DB, Butyrac)	0.02
49302	Dichlorprop (2,4-DP, Seritux 50)	0.01
49301	Dinoseb (DNPB, Dinosebe)	0.01
04033	Diphenamid	0.03
49300	Diuron (DCMU, Crisuron)	0.01
49297	Fenuron (Beet-Klean, Fenulon)	0.03
61694	Flumetsulam	0.01
38811	Fluometuron (Flo-Met, Cotoron)	0.03
50355	2-Hydroxyatrazine	0.008
49308	3-Hydroxycarbofuran	0.006
50356	Imazaquin	0.02
50407	Imazethapyr	0.02
61695	Imidacloprid	0.007
50295	3-Ketocarbofuran	2
38478	Linuron (Linurex, Lorex)	0.01
50359	Metalaxyl	0.02
38501	Methiocarb (Mesurol, Slug-Geta)	0.008
49296	Methomyl (Lannate, Lanox)	0.004
38482	4-(4-Chloro-2-methylphenoxy) acetic acid (MCPA)	0.02
38487	4-(4-Chloro-2-methylphenoxy) butyric acid (MCPB, Tropotox)	0.01
61697	Metsulfuron methyl	0.03
61692	*N*-(4-Chlorophenyl)- *N′*-methylurea	0.02
49294	Neburon (Neburea, Neburyl)	0.01
50364	Nicosulfuron	0.01
49293	Norflurazon (Euitol, Predict)	0.02
49292	Oryzalin (Surflan, Dirimal)	0.02
38866	Oxyamyl (Vydate, Pratt)	0.01
49291	Picloram (Grazon, Tordon)	0.02
49236	Propham (Tuberite)	0.010
50471	Propiconazole	0.02
38538	Propoxur (Baygon, Blattanex)	0.008
38548	Siduron	0.02
50337	Sulfometuron-methyl	0.009
82670	Tebuthiuron	0.006
04032	Terbacil	0.010
49235	Triclopyr (Garlon, Grandstand)	0.02

Analyses of volatile organic compounds in surface-water and ground-water samples (laboratory schedule 2020)

Surface-water and ground-water samples from Brooklyn and Queens Aquifer Study sites were analyzed for volatile organic compounds (VOC's) in 2003. The National Water Quality Laboratory (NWQL) created a method for accurate determination of VOC's in water in the nanogram per liter range (laboratory schedules 2020). The method described in USGS Open-File Report 97-829, Connor and others, (1997) is similar to USEPA method 524-2 (Mund, 1995), and the method described by Rose and Schroeder (1995). This table lists the volitile organic compounds on the schedule, the National Water Information System parameter code, the unit of measure (micrograms per liter, µg/L), and the reporting level. **Only VOC's detected by the laboratory in at least one sample are listed in the organic water-quality tables.**

SCHEDULE DESCRIPTION.--The sample water is actively purged with helium to extract the volatile organic compounds. The volatile compounds are trapped onto a sorbent trap, thermally desorbed, separated by a megabore gas chromatographic capillary column, and finally determined by a full scan quadropole mass spectrometer. Compound identification is confirmed by the gas chromatographic retention time and by the resultant mass spectrum, typically identified by three unique ions.

SAMPLE REQUIREMENTS.--Water collected in three 40 milliliter vials. Hydrochloric acid is added for preservation. Chilled at 4°C (packed in ice).

CONTAINER REQUIREMENTS.--40 milliliter baked amber septum glass vial.

PCODE.--The National Water Information System parameter code.

COMPOUND NAME.--Chemical name.

OTHER NAME.--Common or trade name(s).

NDV.--Non-detection value.

PCode	Compound name	Other name(s)	NDV (µg/L)
77353	(1,1-Dimethylethyl)benzene	*tert*-butylbenzene	0.10
77223	(1-Methylethyl)benzene	Isopropylbenzene	0.06
77350	(1-Methylpropyl)benzene	*sec*-butylbenzene	0.06
34396	Hexachloroethane		0.2
77562	1,1,1,2-Tetrachloroethane		0.03
34506	1,1,1-Trichloroethane	TCA	0.03
34516	1,1,2,2-Tetrachloroethane		0.09
77652	1,1,2-Trichloro-1,2,2-trifluoroethane	Freon-113	0.06
34511	1,1,2-Trichloroethane		0.06
34496	1,1-Dichloroethane		0.04
34501	1,1-Dichloroethene		0.04
77168	1,1-Dichloropropene		0.05
49999	1,2,3,4-Tetramethylbenzene	Prehnitene	0.2
50000	1,2,3,5-Tetramethylbenzene	Isodurene	0.2
77613	1,2,3-Trichlorobenzene		0.3
77443	1,2,3-Trichloropropane		0.16
77221	1,2,3-Trimethylbenzene		0.1
34551	1,2,4-Trichlorobenzene		0.1
77222	1,2,4-Trimethylbenzene		0.06
82625	1,2-Dibromo-3-chloropropane	DBCP	0.5
77651	1,2-Dibromoethane		0.04

PCode	Compound name	Other name(s)	NDV (µg/L)
34536	1,2-Dichlorobenzene		0.03
32103	1,2-Dichloroethane		0.1
34541	1,2-Dichloropropane		0.03
77135	1,2-Dimethylbenzene	*o*-xylene	0.07
85795	1,3- & 1,4-Dimethylbenzene	*m & p*-xylene	0.06
77226	1,3,5-Trimethylbenzene		0.04
34566	1,3-Dichlorobenzene		0.03
77173	1,3-Dichloropropane		0.1
34571	1,4-Dichlorobenzene		0.05
77275	1-Chloro-2-methylbenzene	2-chlorotoluene	0.04
77277	1-Chloro-4-methylbenzene	4-chlorotoluene	0.05
77356	1-Isopropyl-4-methylbenzene	*p*-Isopropyltoluene	0.12
77170	2,2-Dichloropropane		0.05
81595	2-Butanone	Methyl ethyl ketone, MEK	5.0
77220	2-Ethyltoluene		0.06
77103	2-Hexanone		0.7
34215	2-Propenenitrile	Acrylonitrile	1
78109	3-Chloro-1-propene		0.12
78133	4-Methyl-2-pentanone	Methyl isobutyl ketone	0.4
81552	Acetone		7
34030	Benzene		0.04
81555	Bromobenzene		0.04
77297	Bromochloromethane		0.12
32101	Bromodichloromethane		0.05
50002	Bromoethene	Vinyl Bromide	0.1
34413	Bromomethane	Methyl bromide	0.3
77041	Carbon disulfide		0.07
34301	Chlorobenzene		0.03
34311	Chloroethane		0.1
39175	Chloroethene	Vinyl Chloride	0.1
34418	Chloromethane	Methyl chloride	0.2
77093	*cis*-1,2-Dichloroethene		0.04
34704	*cis*-1,3-Dichloropropene		0.09
32105	Dibromochloromethane		0.2
30217	Dibromomethane		0.05
34668	Dichlorodifluoromethane	Freon-12	0.18
34423	Dichloromethane	Methylene Chloride	0.2
81576	Diethyl ether		0.2
81577	Diisopropyl ether		0.10
77128	Ethenylbenzene	Styrene	0.04
73570	Ethyl methacrylate		0.2
50004	Ethyl *tert*-butyl ether	Ethyl-*t*-butyl ether, ETBE	0.05
34371	Ethylbenzene		0.03
39702	Hexachlorobutadiene		0.1
77424	Iodomethane	Methyl iodide	0.35
49991	Methyl acrylate		2.0
81593	Methyl acrylonitrile		0.6
81597	Methyl methacrylate		0.3
78032	Methyl *tert*-butyl ether	Methyl-*t*-butyl ether, MTBE	0.2
34010	Methylbenzene	Toluene	0.05
77342	*n*-Butylbenzene		0.2
77224	*n*-Propylbenzene		0.04
34696	Naphthalene		0.5
50005	*tert*-Amyl methyl ether	*t*-Amyl methyl ether, TAME	0.08
34475	Tetrachloroethene	PCE	0.03
32102	Tetrachloromethane	Carbon tetrachloride	0.06
81607	Tetrahydrofuran	THF	2
34546	*trans*-1,2-Dichloroethene		0.03
34699	*trans*-1,3-Dichloropropene		0.09
73547	*trans*-1,4-Dichloro-2-butene		0.7
32104	Tribromomethane	Bromoform	0.10
39180	Trichloroethene	Trichloroethylene,TCE	0.04
34488	Trichlorofluoromethane	Freon-11	0.09
32106	Trichloromethane	Chloroform	0.02

Analysis of organochlorine pesticides, gross polychlorinated biphenyls and polychlorinated napthalenes in surface-water and ground-water samples (laboratory schedule 1324)

Surface-water and ground-water samples from Brooklyn and Queens Aquifer Study sites were analyzed for pesticides, gross polychlorinated biphenyls (PCB) and napthalenes (PCN) on laboratory schedule 1324 during the 2002 water year. This table lists the pesticides, PCB's, and PCN's on the schedule, the National Water Information System parameter code, the unit of measure (micrograms per liter, µg/L), and the reporting level. **Only pesticides residues, gross PCB, or PCN measured at or above the minimum reporting level in at least one sample are listed in the organic water-quality tables.**

SCHEDULE DESCRIPTION.--Organochlorine pesticides with PCB's and PCN's, recoverable from whole water samples, analyzed by GC/ECD. A description of the methods for determination of organic substances in water can be found in USGS TWRI Book 5, Chapter A3 (Wershaw and other, 1987).

SAMPLE REQUIREMENTS.--800 milliliter of raw water, chilled at 4°C (packed in ice).

CONTAINER REQUIREMENTS.--1 liter baked amber glass bottle (GCC).

PCODE.--The National Water Information System parameter code.

COMPOUND NAME.--Chemical name.

MRL.--Minimum reporting level.

PCode	Compound name	MRL (µg/L)
39330	Aldrin	0.01
39350	Chlordane, technical mix	0.1
39380	Dieldrin	0.017
39390	Endrin	0.02
39410	Heptachlor	0.01
39420	Heptachlor epoxide	0.009
39340	Lindane	0.006
39755	Mirex	0.012
39516	Polychlorinated biphenyls (PCB's)	0.1
39400	Toxaphene	1
39388	alpha-Endosulfan	0.01
39360	*p,p´*-DDD	0.016
39365	*p,p´*-DDE	0.014
39370	*p,p´*-DDT	0.009
39480	*p,p´*-Methoxychlor	0.015

Analysis of semivolatile organic compounds in surface-water and ground-water samples (laboratory schedule 1383)

Surface-water and ground-water samples from Brooklyn and Queens Aquifer Study sites were analyzed for semivolatile organic compounds (SVOC) on laboratory schedule 1383 during the 2002 water year. The method is referred to as base/neutral and acid extractable compounds, with analysis by gas chromatography/mass spectrometry. The reference for schedule 1383 is USGS Open-File Report 93-125", Fishman, ed. (1993). Although it is not referenced in the report, the method is derived from EPA method 625. This table lists the SVOC on the schedule, the National Water Information System parameter code, the unit of measure (micrograms per liter, µg/L), and the reporting level. **Only SVOC measured at or above the minimum reporting level in at least one sample are listed in the organic water-quality tables.**

SCHEDULE DESCRIPTION.--Acid and base/neutral extractable organic compounds from whole water samples, analyzed using GCMS technology.

SAMPLE REQUIREMENTS.--1 liter of raw water, chilled at 4°C (packed in ice).

CONTAINER REQUIREMENTS.--1 liter baked amber glass bottle (GCC).

PCODE.--The National Water Information System parameter code.

COMPOUND NAME.--Chemical name.

MRL.--Minimum reporting level.

PCode	Compound name	MRL (µg/L)
34551	1,2,4-Trichlorobenzene	0.1
34536	1,2-Dichlorobenzene	0.3
82626	1,2-Diphenylhydrazine	1
34566	1,3-Dichlorobenzene	0.03
34571	1,4-Dichlorobenzene	0.05
34621	2,4,6-Trichlorophenol	3
34601	2,4-Dichlorophenol	2
34606	2,4-Dimethylphenol	2.0
34616	2,4-Dinitrophenol	3
34611	2,4-Dinitrotoluene	3
34626	2,6-Dinitrotoluene	2
34581	2-Chloronaphthalene	2
34586	2-Chlorophenol	2
34591	2-Nitrophenol	1
34631	3,3´-Dichlorobenzidine	0.9
34657	4,6-Dinitro-2-methylphenol	2
34636	4-Bromophenyl phenyl ether	2
34452	4-Chloro-3-methylphenol	3
34641	4-Chlorophenyl phenyl ether	2
34646	4-Nitrophenol	4
34205	Acenaphthene	2
34200	Acenaphthylene	2
34220	Anthracene	2
34526	Benzo[*a*]anthracene	2
39120	Benzidine	1000
34247	Benzo[*a*]pyrene	1
34230	Benzo[*b*]fluoranthene	2
34521	Benzo[*g,h,i*]perylene	2
34242	Benzo[*k*]fluoranthene	1
34292	*n*-Butyl benzyl phthalate	2
34320	Chrysene	3
39110	Di-*n*-butyl phthalate	2
34596	Di-*n*-octyl phthalate	2
34556	Dibenzo[*a,h*]anthracene	1
34336	Diethyl phthalate	2
34341	Dimethyl phthalate	1
34376	Fluoranthene	2
34381	Fluorene	2
39700	Hexachlorobenzene	2
39702	Hexachlorobutadiene	0.1
34396	Hexachloroethane	0.2
34403	Indeno[1,2,3-*cd*]pyrene	3
34408	Isophorone	2
34428	*N*-Nitrosodi-*n*-propylamine	2
34438	*N*-Nitrosodimethylamine	3
34433	*N*-Nitrosodiphenylamine	2
34696	Naphthalene	0.5
34447	Nitrobenzene	1
39032	Pentachlorophenol	2
34461	Phenanthrene	2
34694	Phenol	3.4
34469	Pyrene	2
34278	Bis(2-chloroethoxy) methane	3
34273	Bis(2-chloroethyl) ether	2
39100	Bis(2-ethylhexyl) phthalate	2
34283	Bis(2-chloroisopropyl) ether	2

Analysis of semivolatile organic compounds in surface-water and ground-water samples (laboratory schedule 1433)

Surface-water and ground-water samples from Wastewater Compounds in Suffolk County Study and the South Fork Evaluation Study sites were analyzed for waste water compounds on laboratory schedule 1433 during the 2003 water year. The method focuses on the determination of alkylphenolethoxylate surfactant compounds and their alkylphenol degradates that are persistent indicators of wastewater. Other method compounds are representative of food additives, fragrances, antioxidants, flame retardants, plasticizers, industrial solvents, disinfectants, fecal sterols, polycyclic aromatic hydrocarbons, and high-use domestic pesticides. The reference for schedule 1433 is USGS Open-File Report 01-4186, Zaugg and others (2002). This table lists the waste water compounds on the schedule, the National Water Information System parameter code, the unit of measure (micrograms per liter, µg/L), and the reporting level. **Only waste water compounds measured at or above the minimum reporting level in at least one sample are listed in the organic water-quality tables.**

SCHEDULE DESCRIPTION.--Solid phase extraction of waste water compounds in filtered water, analyzed using GCMS technology.

SAMPLE REQUIREMENTS.--1 liter of raw water, chilled at 4°C (packed in ice).

CONTAINER REQUIREMENTS.--1 liter of water filtered through a 0.7 micron glass-fiber depth filter, and chilled at 4°C (packed in ice) in a baked amber glass bottle (GCC).

PCODE.--The National Water Information System parameter code.

COMPOUND NAME.--Chemical name.

MRL.--Minimum reporting level.

PCode	Compound name	MRL (µg/L)
34572	1,4-Dichlorobenzene	0.5
62054	1-Methylnaphthalene	0.5
62055	2,6-Dimethylnaphthalene	0.5
62056	2-Methylnaphthalene	0.5
62057	3-beta-Coprostanol	2
62058	3-Methyl-1(*H*)-indole (Skatole)	1
62059	3-*tert*-Butyl-4-hydroxy anisole (BHA)	5
62060	4-Cumylphenol	1
62085	4-Nonylphenol	5
62061	4-*n*-Octylphenol	1
62062	4-*tert*-Octylphenol	1
62063	5-Methyl-1*H*-benzotriazole	2
62064	Acetophenone	0.5
62065	Acetyl hexamethyl tetrahydronaphthalene (AHTN)	0.5
34221	Anthracene	0.5
62066	Anthraquinone	0.5
34248	Benzo[*a*]pyrene	0.5
62067	Benzophenone	0.5
62068	beta-Sitosterol	2
62086	beta-Stigmastanol	2
62069	Bisphenol A	1
04029	Bromacil	0.5
50305	Caffeine	0.5
62070	Camphor	0.5
82680	Carbaryl	1
62071	Carbazole	0.5
38933	Chlorpyrifos	0.5
62072	Cholesterol	2
62005	Cotinine	1
62073	d-Limonene	0.5
39572	Diazinon	0.5
38775	Dichlorvos	1
34377	Fluoranthene	0.5
62075	Hexadydrohexamethylcyclopentabenzopyran (HHCB)	0.5
62076	Indole	0.5
62077	Isoborneol	0.5
34409	Isophorone	0.5
62078	Isopropylbenzene	0.5
62079	Isoquinoline	0.5
62080	Menthol	0.5
50359	Metalaxyl	0.5
62081	Methyl salicylate	0.5
39415	Metolachlor	0.5
62082	*N,N*-diethyl-meta-toluamide (DEET)	0.5
34443	Naphthalene	0.5
62083	Nonylphenol, Diethoxy- (total)	5
61705	Octylphenol, Diethoxy-	1
61706	Octylphenol, Ethoxy-	1
62084	*p*-Cresol	1
34459	Pentachlorophenol	2
34462	Phenanthrene	0.5
34466	Phenol	0.5
04037	Prometon	0.5
34470	Pyrene	0.5
34288	Tribromomethane	0.5
34476	Tetrachloroethylene	0.5
62093	Tri(2-butoxyethyl)phosphate	0.5
62087	Tri(2-chloroethyl)phosphate	0.5
62089	Tributyl phosphate	0.5
62090	Triclosan	1
62091	Triethyl citrate (ethyl citrate)	0.5
62092	Triphenyl phosphate	0.5
62088	Tris(dichlorisopropyl)phosphate	0.5

Analyses of mosquito insecticides and a synergist in surface-water samples (laboratory schedule GCM)

Selected surface-water and ground-water samples from the Mosquito Insecticides in Surface-water Study sites were analyzed for pesticides on laboratory schedule GCM during the 2003 water year. The method uses liquid-liquid extraction and gas chromatography/mass spectrometry. The method was developed and preformed at the USGS Organic Geochemistry Research Laboratory in Lawrence, Kansas. The reference for the method is U.S. Geological Survey Open-File Report 01-273, Zimmerman and others (2001). This table lists the compounds on the schedule, the National Water Information System parameter code, the unit of measure (micrograms per liter, µg/L), and the reporting level. **Only compounds detected in at least one sample are listed in the water-quality tables.**

SCHEDULE DESCRIPTION.--Four inesticides and a synergist in filtered water are isolated using liquid-liquid extraction. Gas chromatography/mass spectrometry are used to identify and quantify these compounds.

SAMPLE REQUIREMENTS.--1 liter of water filtered through 0.7-micron glass-fiber depth filter, processed by chilling at 4^{o} C (packed in ice).

CONTAINER REQUIREMENTS.--1 liter baked amber glass bottle (GCC).

PCODE.--The National Water Information System parameter code.

COMPOUND NAME.--Pesticide name.

OTHER NAME.--Common or trade name(s) for constituent

MRL.--Minimum reporting level.

PCode	Compound name (other names)	MRL (µg/L)
61757	Methoprene, (Altosid)	0.005
62765	Piperonyl Butoxide	0.005
62768	Resmethrin, (Scourge)	0.005
62763	Phenothrin, (Anvil)	0.005
39523	Malathion	0.005

Analysis of inorganic substances: major ions and trace metals, cyanide and isotopes in surface-water and ground-water samples (laboratory schedules 2701, 2702, 1294, 1087, 101, and 1142)

Surface-water and ground-water samples from Brooklyn and Queens Aquifer Study, South Fork Evaluation Study, and Manhasset Neck Study sites were analyzed for inorganic substances on laboratory schedules 2701, 2702, 1294, 1087 and 101 during the 2003 water year. All of these schedules contain similar constituents. Specific methods of analysis for each constituent can be found in the reference cited in the table below. This table lists the National Water Information System parameter code, the bottle type, the constituent, the reporting level (MRL), the unit of measure (micrograms per liter, µg/L, or milligrams per liter, mg/L), and the USGS reference for the method of analysis of the constituent. **Only constituents measured at or above the minimum reporting level in at least one sample are listed in the inorganic water-quality table.**

SAMPLE REQUIREMENTS.--500 milliliters of water filtered through a 0.45 micron cellulose filter (FU, FCC), 250 milliliters of raw water acidified (RA), 250 milliliters of filtered water through a 0.45 micron cellulose filter then acidified (RU), 250 milliliters of raw water fixed with 2 milliliters of 50% hydrochloric acid (RAM), 250 milliliters of raw water fixed with 5 milliliters of sodium hydroxide, and 250 milliliters of raw water (MBAS), 125 milliliters raw water acidified with sulfuric acid (WCA), 125 milliliters acidified with 1 ml of 4.5N sulfuric acid (DOC), all chilled at 4°C (packed in ice).

CONTAINER REQUIREMENTS.--One 500-ml clear poly bottle (FU), one 125-ml brown poly bottle (FCC), two 250-ml acid rinsed clear poly bottle (RA, FA), three 250-ml clear poly bottles (RU, MBAS, RCN), 125-ml clear poly bottle (WCA), 250-ml glass bottle (RAM), and one 125-ml brown glass baked bottle (DOC) all from Ocala Quality Water Service Unit.

PCODE.--The National Water Information System parameter code.

PCode	Bottle type	Constituent	MRL	Report unit	Reference
00929	FA	Sodium	0.5	mg/L	OFR 98-165
38260	MBAS	MBAS	0.50	mg/L	OFR 95-189
01002	RA	Arsenic	2	ug/L	OFR 99-464
90410	RU	Acid Neutralizing Capacity (ANC), laboratory	2	mg/L	TWRI B5-A1/89
01092	RA	Zinc	2	ug/L	OFR 98-165
01034	RA	Chromium	0.8	ug/L	OFR 93-449
01007	RA	Barium	0.16	ug/L	OFR 98-165
01042	RA	Copper	0.6	ug/L	OFR 98-165
00945	RU	Sulfate	0.2	mg/L	TWRI B5-A1/89
01027	RA	Cadmium	0.04	ug/L	OFR 98-165
00950	FU	Fluoride	0.17	mg/L	TWRI B1-A1/89
01045	RA	Iron	6	ug/L	OFR 98-165
01055	RA	Manganese	0.8	ug/L	OFR 98-165
01051	RA	Lead	0.06	ug/L	OFR 98-165
01147	RA	Selenium	0.5	ug/L	OFR 98-165
71900	RAM	Mercury	0.02	ug/L	WRI 01-4132
00927	RA	Magnesium	0.008	mg/L	OFR 98-165
00720	RCN	Cyanide	0.01	mg/L	TWRI B5-A1/89
00916	RA	Calcium	0.010	mg/L	OFR 98-165
01077	RA	Silver	0.16	ug/L	OFR 98-165
00937	RA	Potassium	0.1	mg/L	TWRI B5-A1/89
00955	FU	Silica	0.04	mg/L	TWRI B5-A1/89
00940	FU	Chloride	0.20	mg/L	TWRI B5-A1/89
70300	FU	Residue, 180 degrees Celsius	10	mg/L	TWRI B5-A1/89
00915	FA	Calcium	0.010	mg/L	OFR 98-165
01046	FA	Iron	6.4	mg/L	OFR 98-165
00925	FA	Magnesium	0.008	mg/L	OFR 98-165
01056	FA	Manganese	0.8	mg/L	OFR 98-165
00935	FA	Potassium	0.16	mg/L	OFR 98-165
82082	RUS	Deuterium/Protium		per ml	WRI 01-4222
82085	RUS	Oxygen-18/Oxygen-16		per ml	WRI 01-4222
00625	FCC	Ammonia + organic nitrogen, as nitrogen	0.1	mg/L	OFR 93-125
00671	FCC	Orthophosphate, as phosphorous	0.02	mg/L	OFR 93-125
00631	FCC	Nitrite + Nitrate, as nitrogen	0.06	mg/L	OFR 93-125
00613	FCC	Nitrite, as nitrogen	0.008	mg/L	OFR 93-125
00608	FCC	Ammonia, as nitrogen	0.04	mg/L	OFR 93-125
00623	WCA	Ammonia + organic nitrogen, as nitrogen	0.1	mg/L	OFR 92-146
00665	WCA	Phosphorus	0.004	mg/L	EPA 365.1
00666	FCC	Phosphorus	0.004	mg/L	EPA 365.1
00681	DOC	Organic carbon (dissolved)	0.33	mg/L	OFR92-480

Data qualifiers

Values in the analysis of samples collected at water-quality miscellaneous sites are sometimes preceded by remark codes. Values for analytes in the tables are preceded by an "M" indicate the compound was detected but not quantified. The minimum reporting limit (MRL) is a statistically defined reporting limit designed to limit false positives and false negatives to less than 1 percent. Positive detections measured at less than MRL are reported as estimated concentrations (E) to alert the data user to decreased confidence in accurate quantitation. Values for analytes in the tables are preceded by an "E" in the following situations:

1. When the calculated concentration is less than the lowest calibration standard. The analyte meets all identification criteria to be positively identified, but the amount detected is below where it can be reliably quantified.

2. If a sample is diluted for any reason. The method reporting level is multiplied by the dilution factor to obtain the adjusted method reporting level. Values below the lowest calibration standard, multiplied by the dilution factor are qualified with an "E". For example, a value of 0.19 from a 1:2 dilution is reported as E0.4.

3. If the set spike has recoveries out of the specified range (60-140%).

4. If the analyte is also detected in the set blank. If the value in the sample is less than five times the blank value and greater than the blank value plus the long term method detection limit, the value is preceded by an "E" to indicate that the analyte is positively identified but not positively quantified because the analyte was also detected in the blank.

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ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES
Mosquito Insecticides in Surface Water, Suffolk County

MULTIPLE STATION ANALYSES

Local identifier	Lat-i-tude	Long-i-tude	Date	Time	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
			SUFFOLK COUNTY					
PATTERSQUASH CREEK AT MASTIC BEACH, NY	40 45 49 N	072 51 06 W	06-25-03	1920	5.2	5.9	230	14.8
	40 45 49 N	*072 51 06 W*	*06-25-03*	*1921*	*5.2*	*5.9*	*230*	*14.8*
	40 45 49 N	072 51 06 W	06-25-03	2205	5.6	6.1	233	14.5
	40 45 49 N	*072 51 06 W*	*06-25-03*	*2206*	*5.6*	*6.1*	*233*	*14.5*
BEAVERDAM CREEK AT FIREPLACE NECK, NY	40 45 51 N	072 55 07 W	06-03-03	1230	12.2	6.4	19,600	19.9
	40 45 51 N	072 55 07 W	06-03-03	1250	12.2	6.4	19,600	19.9
CONNETQUOT RIVER AT MOUTH AT GREAT RIVER, NY	40 43 18 N	073 08 23 W	06-10-03	0850	6.4	6.8	26,200	17.9
	40 43 18 N	073 08 23 W	06-24-03	0730	8.7	7.8	30,100	21.6
	40 43 18 N	073 08 23 W	06-24-03	0750	8.7	7.8	30,100	21.6
SHIRLEY BASIN AT SHIRLEY, NY	40 44 38 N	072 52 28 W	06-10-03	1630	12.9	8.1	31,300	22.5
CARMANS RIVER AT BROOKHAVEN, NY	40 46 18 N	072 53 37 W	06-17-03	1336	8.8	6.9	10,700	23.5
	40 46 18 N	072 53 37 W	06-17-03	1515	9.3	6.9	10,900	24.9
	40 46 18 N	072 53 37 W	06-17-03	1600	8.9	7.0	10,300	23.6
	40 46 18 N	072 53 37 W	06-17-03	1718	8.0	6.7	9,830	23.6
	40 46 18 N	072 53 37 W	07-29-03	1840	--	--	--	--
HEDGES CREEK AT MOUTH AT BELLPORT, NY	40 44 40 N	072 57 59 W	07-15-03	1825	6.9	6.8	12,700	29.7
	40 44 40 N	072 57 59 W	07-16-03	0600	5.8	6.7	17,700	22.5
DUNTON LAKE AT BELLPORT, NY	40 45 07 N	072 57 55 W	07-15-03	1915	11.4	6.7	216	24.3
	40 45 07 N	072 57 55 W	07-15-03	2300	--	--	--	--
BEAVERDAM CREEK NEAR FIREPLACE NECK, NY	40 45 56 N	072 55 06 W	08-20-03	2315	14.4	7.9	1,120	24.8
NEW MILL POND NEAR HAUPPAUGE	40 49 51 N	073 13 23 W	08-26-03	2020	--	--	--	--
VAIL POND AT SMITHTOWN, NY	40 50 54 N	073 13 38 W	08-26-03	2030	--	--	--	--
NISSEQUOGUE RIVER NEAR SMITHTOWN, NY	40 50 58 N	073 13 29 W	08-26-03	1816	8.7	7.0	193	20.9
	40 50 58 N	073 13 29 W	08-26-03	2030	--	--	--	--
NEW MILL POND NEAR SMITHTOWN, NY	40 50 30 N	073 13 43 W	08-26-03	2025	--	--	--	--
GOOSE CREEK AT MOUTH AT BAYVIEW, NY	41 03 05 N	072 24 50 W	08-27-03	1610	9.3	7.8	43,800	25.7
	41 03 05 N	072 24 50 W	08-27-03	2025	--	--	--	--
CEDAR BEACH CREEK AT BAYVIEW, NY	41 02 13 N	072 23 41 W	08-27-03	1850	6.5	6.7	42,300	27.5

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES—Continued

MULTIPLE STATION ANALYSES

Local identifier	Date	Metho-prene, water, fltrd, ug/L (61757)	Piper-onyl but-oxide, wat flt gf 0.7u ug/L (62765)	Res-methrin water fltrd 0.7u GF ug/L (62768)
SUFFOLK COUNTY				
PATTERSQUASH CREEK AT MASTIC BEACH, NY	06-25-03	<0.005	0.008	<0.005
	06-25-03	*<0.005*	*0.007*	*<0.005*
	06-25-03	<0.005	0.017	<0.005
	06-25-03	*<0.005*	*0.011*	*<0.005*
BEAVERDAM CREEK AT FIREPLACE NECK, NY	06-03-03	<0.005	<0.005	<0.005
	06-03-03	<0.005	<0.005	<0.005
CONNETQUOT RIVER AT MOUTH AT GREAT RIVER, NY	06-10-03	<0.005	<0.005	<0.005
	06-24-03	<0.005	<0.005	<0.005
	06-24-03	<0.005	<0.005	<0.005
SHIRLEY BASIN AT SHIRLEY, NY	06-10-03	<0.005	<0.005	<0.005
CARMANS RIVER AT BROOKHAVEN, NY	06-17-03	<0.005	<0.005	<0.005
	06-17-03	9.026	<0.005	<0.005
	06-17-03	0.039	<0.005	<0.005
	06-17-03	0.846	<0.005	<0.005
	07-29-03	<0.005	<0.005	<0.005
HEDGES CREEK AT MOUTH AT BELLPORT, NY	07-15-03	<0.005	<0.005	<0.005
	07-16-03	<0.005	<0.005	<0.005
DUNTON LAKE AT BELLPORT, NY	07-15-03	<0.005	<0.005	<0.005
	07-15-03	<0.005	<0.005	<0.005
BEAVERDAM CREEK NEAR FIREPLACE NECK, NY	08-20-03	<0.005	0.506	<0.005
NEW MILL POND NEAR HAUPPAU	08-26-03	<0.005	0.020	<0.005
VAIL POND AT SMITHTOWN, NY	08-26-03	<0.005	0.774	<0.005
NISSEQUOGUE RIVER NEAR SMITHTOWN, NY	08-26-03	<0.005	<0.005	<0.005
	08-26-03	<0.005	0.153	0.006
NEW MILL POND NEAR SMITHTOWN, NY	08-26-03	<0.005	0.691	<0.005
GOOSE CREEK AT MOUTH AT BAYVIEW, NY	08-27-03	<0.005	<0.005	<0.005
	08-27-03	<0.005	<0.005	<0.005
CEDAR BEACH CREEK AT BAYVIEW, NY	08-27-03	<0.005	0.040	<0.005

Remark codes used in this table:
< -- Less than

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES
South Fork Hydrologic Evaluation Study, Pond Sites

MULTIPLE STATION ANALYSES

Local identifier	Lat-i-tude	Long-i-tude	Date	Time	Sam-pling depth, feet (00003)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
			SUFFOLK COUNTY						
BIG FRESH POND NEAR NORTH SEA, NY	40 55 19 N	072 25 18 W	09-18-03	0815	0.00	8.5	6.2	130	22.4
	40 55 19 N	072 25 18 W	09-18-03	0816	1.00	8.4	6.2	130	22.4
	40 55 19 N	072 25 18 W	09-18-03	0817	2.00	8.4	6.3	130	22.4
	40 55 19 N	072 25 18 W	09-18-03	0818	3.00	8.4	6.3	130	22.4
	40 55 19 N	072 25 18 W	09-18-03	0819	4.00	8.4	6.3	130	22.4
	40 55 19 N	072 25 18 W	09-18-03	0820	5.00	8.4	6.4	130	22.4
	40 55 19 N	072 25 18 W	09-18-03	0821	6.00	8.3	6.4	130	22.4
	40 55 19 N	072 25 18 W	09-18-03	0822	7.00	8.3	6.4	130	22.4
	40 55 19 N	072 25 18 W	09-18-03	0823	8.00	8.3	6.4	130	22.4
	40 55 19 N	072 25 18 W	09-18-03	0824	9.00	8.2	6.4	130	22.4
	40 55 19 N	072 25 18 W	09-18-03	0825	10.0	8.2	6.4	130	22.4
	40 55 19 N	072 25 18 W	09-18-03	0826	11.0	8.2	6.4	130	22.4
	40 55 19 N	072 25 18 W	09-18-03	0827	12.0	8.2	6.3	130	22.3
	40 55 19 N	072 25 18 W	09-18-03	0828	13.0	8.2	6.4	130	22.3
	40 55 19 N	072 25 18 W	09-18-03	0829	14.0	5.8	6.1	130	21.3
	40 55 19 N	072 25 18 W	09-18-03	0830	15.0	3.6	6.0	130	20.3
	40 55 19 N	072 25 18 W	09-18-03	0831	16.0	2.6	5.9	130	19.8
	40 55 19 N	072 25 18 W	09-18-03	0832	17.0	0.8	6.1	149	17.3
	40 55 19 N	072 25 18 W	09-18-03	0833	18.0	0.3	6.2	156	15.8
	40 55 19 N	072 25 18 W	09-18-03	0834	18.5	0.3	6.3	160	15.1
FORT POND AT MONTAUK, NY	41 02 11 N	071 56 49 W	09-15-03	1000	0.00	9.4	7.7	289	22.6
	41 02 11 N	071 56 49 W	09-15-03	1001	1.00	9.6	7.8	288	22.6
	41 02 11 N	071 56 49 W	09-15-03	1002	2.00	9.6	7.8	288	22.6
	41 02 11 N	071 56 49 W	09-15-03	1003	3.00	9.6	7.8	288	22.6
	41 02 11 N	071 56 49 W	09-15-03	1004	4.00	9.5	7.8	288	22.6
	41 02 11 N	071 56 49 W	09-15-03	1005	5.00	9.5	7.8	288	22.6
	41 02 11 N	071 56 49 W	09-15-03	1006	6.00	9.5	7.9	288	22.5
	41 02 11 N	071 56 49 W	09-15-03	1007	7.00	9.5	7.9	288	22.5
	41 02 11 N	071 56 49 W	09-15-03	1008	8.00	9.5	7.8	288	22.4
	41 02 11 N	071 56 49 W	09-15-03	1009	9.00	9.4	7.8	288	22.3
	41 02 11 N	071 56 49 W	09-15-03	1010	10.0	9.4	7.8	288	22.0
	41 02 11 N	071 56 49 W	09-15-03	1011	11.0	9.4	7.8	288	21.8
	41 02 11 N	071 56 49 W	09-15-03	1012	12.0	9.2	7.7	288	21.7
	41 02 11 N	071 56 49 W	09-15-03	1013	13.0	9.1	7.7	288	21.7
	41 02 11 N	071 56 49 W	09-15-03	1014	14.0	8.9	7.6	288	21.6
	41 02 11 N	071 56 49 W	09-15-03	1015	15.0	8.8	7.5	288	21.6
	41 02 11 N	071 56 49 W	09-15-03	1016	16.0	8.7	7.5	288	21.5
	41 02 11 N	071 56 49 W	09-15-03	1017	17.0	8.5	7.4	288	21.4
	41 02 11 N	071 56 49 W	09-15-03	1018	18.0	8.4	7.4	288	21.4
	41 02 11 N	071 56 49 W	09-15-03	1019	19.0	8.2	7.3	288	21.4
	41 02 11 N	071 56 49 W	09-15-03	1020	20.0	8.1	7.3	288	21.4
	41 02 11 N	071 56 49 W	09-15-03	1021	21.0	8.0	7.2	288	21.3
	41 02 11 N	071 56 49 W	09-15-03	1022	22.0	7.8	7.2	289	21.3
	41 02 11 N	071 56 49 W	09-15-03	1023	23.0	7.6	7.2	289	21.2
	41 02 11 N	071 56 49 W	09-15-03	1024	24.0	7.2	7.1	289	21.1
	41 02 11 N	071 56 49 W	09-15-03	1025	25.0	5.3	7.0	292	20.9
	41 02 11 N	071 56 49 W	09-15-03	1026	25.5	3.6	6.8	293	20.7
TROUT POND AT NOYACK, NY	40 59 34 N	072 21 00 W	09-18-03	1015	0.00	10.4	6.3	78	18.9
	40 59 34 N	072 21 00 W	09-18-03	1016	1.00	10.4	6.2	78	18.8
	40 59 34 N	072 21 00 W	09-18-03	1017	2.00	10.4	6.2	78	18.9
	40 59 34 N	072 21 00 W	09-18-03	1018	3.00	10.8	6.2	78	18.3
	40 59 34 N	072 21 00 W	09-18-03	1019	4.00	11.5	6.2	75	17.1
	40 59 34 N	072 21 00 W	09-18-03	1020	5.00	10.4	6.0	75	16.3
	40 59 34 N	072 21 00 W	09-18-03	1021	6.00	8.7	5.8	76	16.0
	40 59 34 N	072 21 00 W	09-18-03	1022	7.00	5.7	5.7	78	15.8
	40 59 34 N	072 21 00 W	09-18-03	1023	7.50	3.3	5.7	80	15.6
HOOK POND AT EAST HAMPTON, NY	40 57 18 N	072 10 42 W	09-16-03	1100	0.00	11.0	8.5	250	23.3
	40 57 18 N	072 10 42 W	09-16-03	1101	1.00	10.9	8.6	250	23.3
	40 57 18 N	072 10 42 W	09-16-03	1102	2.00	10.9	8.6	250	23.3
	40 57 18 N	072 10 42 W	09-16-03	1103	3.00	10.8	8.6	250	23.3
	40 57 18 N	072 10 42 W	09-16-03	1104	4.00	2.3	6.7	250	22.8
LONG POND NEAR SAG HARBOR, NY	40 58 20 N	072 17 39 W	07-29-03	0851	0.00	7.7	6.3	94	25.4
	40 58 20 N	072 17 39 W	07-29-03	0852	1.00	7.7	6.6	94	25.3
	40 58 20 N	072 17 39 W	07-29-03	0853	2.00	7.8	6.7	94	25.1
	40 58 20 N	072 17 39 W	07-29-03	0854	3.00	5.5	6.5	97	24.3
	40 58 20 N	072 17 39 W	07-29-03	0855	4.00	1.3	6.2	121	22.5
	40 58 20 N	072 17 39 W	07-29-03	0856	5.00	0.4	6.5	202	20.7
	40 58 20 N	072 17 39 W	07-29-03	0857	6.00	0.3	6.8	340	19.2
	40 58 20 N	072 17 39 W	07-29-03	0858	7.00	0.2	7.0	392	18.5
	40 58 20 N	072 17 39 W	07-29-03	0900	7.50	0.2	6.9	406	18.7

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES—Continued

MULTIPLE STATION ANALYSES

Local identifier	Lat-i-tude	Long-i-tude	Date	Time	Sam-pling depth, feet (00003)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
SUFFOLK COUNTY									
MILL POND AT WATER MILL, NY	40 54 35 N	072 21 47 W	07-28-03	1032	0.00	12.6	9.8	205	26.1
	40 54 35 N	072 21 47 W	07-28-03	1035	1.00	12.4	9.8	205	25.8
	40 54 35 N	072 21 47 W	07-28-03	1036	2.00	10.7	9.6	198	25.1
	40 54 35 N	072 21 47 W	07-28-03	1037	3.00	10.2	9.5	197	25.0
	40 54 35 N	072 21 47 W	07-28-03	1038	4.00	8.8	9.3	195	24.9
	40 54 35 N	072 21 47 W	07-28-03	1039	5.00	8.8	9.3	194	24.7
	40 54 35 N	072 21 47 W	07-28-03	1040	6.00	7.9	9.0	193	24.6
	40 54 35 N	072 21 47 W	07-28-03	1041	7.00	6.4	8.4	194	24.6
	40 54 35 N	072 21 47 W	07-28-03	1042	8.00	3.1	7.2	199	24.5

MULTIPLE STATION ANALYSES

Local identifier	Lat-i-tude	Long-i-tude	Date	Time	Depth of well, feet below LSD (72008)	Alti-tude of land surface feet (72000)	Drain-age area, mi2 (81024)	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)
SUFFOLK COUNTY										
BIG FRESH POND NEAR NORTH SEA, NY	40 55 19 N	072 25 18 W	07-11-03	0900	--	10	0.86	8.4	6.4	--
	40 55 19 N	072 25 18 W	07-23-03	2000	--	10	0.86	9.2	7.4	--
	40 55 19 N	072 25 18 W	09-18-03	0835	--	10	0.86	8.4	6.3	7.7
FORT POND AT MONTAUK, NY	41 02 11 N	071 56 49 W	07-19-03	1900	--	10	1.00	--	--	--
	41 02 11 N	071 56 49 W	09-15-03	1000	--	10	1.00	9.4	7.7	--
	41 02 11 N	071 56 49 W	09-15-03	1030	--	10	1.00	9.6	7.8	8.1
TROUT POND AT NOYACK, NY	40 59 34 N	072 21 00 W	07-19-03	1600	--	18	1.07	--	--	--
	40 59 34 N	072 21 00 W	09-18-03	1025	--	18	1.07	10.4	6.2	7.7
HOOK POND AT EAST HAMPTON, NY	40 57 18 N	072 10 42 W	07-19-03	1800	--	5	4.06	--	--	--
	40 57 18 N	072 10 42 W	09-16-03	1110	--	5	4.06	10.9	8.6	9.1
LONG POND NEAR SAG HARBOR, NY	40 58 20 N	072 17 39 W	07-19-03	1700	--	20	2.31	--	--	--
	40 58 20 N	072 17 39 W	07-29-03	0910	--	20	2.31	1.3	6.2	6.5
MILL POND AT WATER MILL, NY	40 54 35 N	072 21 47 W	07-11-03	0820	--	10	4.02	7.6	6.1	--
	40 54 35 N	072 21 47 W	07-23-03	1905	--	10	4.02	10.8	7.0	--
	40 54 35 N	072 21 47 W	07-28-03	1100	--	10	4.02	8.8	9.3	9.6
S115135. 1	40 57 20 N	072 10 30 W	08-28-03	1050	60.5	--	--	6.4	5.6	7.3
	40 57 20 N	072 10 30 W	09-08-03	0845	60.5	--	--	5.8	5.5	--
S 48430. 1	40 55 01 N	072 21 55 W	09-08-03	0945	43.	28.1	--	--	5.3	E6.2
S 8843. 2	40 59 06 N	072 11 01 W	09-25-03	0945	35.0	--	--	--	5.4	--
S 15048. 1	41 00 35 N	072 09 48 W	09-25-03	1040	46.	20.0	--	--	5.7	--
S 98635. 1	40 59 22 N	072 10 16 W	09-25-03	1130	--	--	--	4.5	6.3	--

MULTIPLE STATION ANALYSES

Local identifier	Date	Specif. conduc-tance, wat unf lab, uS/cm 25 degC (90095)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)
SUFFOLK COUNTY											
BIG FRESH POND NEAR NORTH SEA, NY	07-11-03	--	124	24.1	--	--	--	--	--	--	--
	07-23-03	--	127	22.3	--	--	--	--	--	--	--
	09-18-03	127	130	22.4	4.50	2.39	1.09	15.9	23.4	<0.2	4.36
FORT POND AT MONTAUK, NY	07-19-03	--	--	--	--	--	--	--	--	--	--
	09-15-03	--	289	22.6	--	--	--	--	--	--	--
	09-15-03	281	288	22.6	6.03	4.08	2.21	39.6	65.6	<0.2	0.32
TROUT POND AT NOYACK, NY	07-19-03	--	--	--	--	--	--	--	--	--	--
	09-18-03	77	78	18.9	3.42	2.08	0.49	8.16	10.8	<0.2	9.99
HOOK POND AT EAST HAMPTON, NY	07-19-03	--	--	--	--	--	--	--	--	--	--
	09-16-03	237	250	23.3	13.6	4.57	2.93	25.2	39.7	<0.2	3.37
LONG POND NEAR SAG HARBOR, NY	07-19-03	--	--	--	--	--	--	--	--	--	--
	07-29-03	94	121	22.5	7.46	2.80	1.11	9.51	13.6	<0.2	11.0
MILL POND AT WATER MILL, NY	07-11-03	--	191	23.6	--	--	--	--	--	--	--
	07-23-03	--	201	20.8	--	--	--	--	--	--	--
	07-28-03	184	195	24.9	16.2	5.01	2.35	10.2	19.9	<0.2	7.00
S115135. 1	08-28-03	212	224	12.9	15.3	3.15	3.11	15.1	26.2	<0.2	10.3
	09-08-03	--	222	13.5	--	--	--	--	--	--	--
S 48430. 1	09-08-03	83	85	11.1	1.99	2.58	1.22	7.98	12.4	<0.2	10.6
S 8843. 2	09-25-03	--	388	13.1	--	--	--	--	--	--	--
S 15048. 1	09-25-03	--	676	12.2	--	--	--	--	--	--	--
S 98635. 1	09-25-03	--	1,500	16.8	--	--	--	--	--	--	--

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES—Continued

MULTIPLE STATION ANALYSES

Local identifier	Date	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, fltrd, mg/L (00666)	Phos-phorus, water, unfltrd mg/L (00665)
SUFFOLK COUNTY											
BIG FRESH POND	07-11-03	--	--	--	--	--	--	--	--	--	--
NEAR NORTH SEA,	07-23-03	--	--	0.40	0.38	E.03	<0.06	<0.008	<0.02	0.008	0.016
NY	09-18-03	8.1	80	0.22	0.34	<0.04	<0.06	<0.008	<0.02	0.006	<0.04
FORT POND AT	07-19-03	--	--	0.52	0.85	<0.04	<0.06	<0.008	<0.02	0.009	0.027
MONTAUK, NY	09-15-03	--	--	--	--	--	--	--	--	--	--
	09-15-03	10.8	164	0.55	0.71	<0.04	<0.06	<0.008	<0.18	0.008	0.018
TROUT POND AT	07-19-03	--	--	0.12	0.21	E.02	<0.06	<0.008	<0.02	E.004	0.011
NOYACK, NY	09-18-03	6.7	60	E.10	0.14	<0.04	E.04	<0.008	<0.02	E.002	<0.04
HOOK POND AT EAST	07-19-03	--	--	0.70	1.4	0.24	1.98	0.037	E.01	0.028	0.097
HAMPTON, NY	09-16-03	19.0	145	0.49	1.8	<0.04	0.07	E.006	<0.18	0.010	0.13
LONG POND NEAR	07-19-03	--	--	0.26	0.39	<0.04	<0.06	<0.008	<0.02	0.011	0.023
SAG HARBOR, NY	07-29-03	5.3	86	0.38	0.57	<0.04	<0.30	<0.008	<0.09	0.016	0.032
MILL POND AT	07-11-03	--	--	--	--	--	--	--	--	--	--
WATER MILL, NY	07-23-03	--	--	0.95	1.7	0.16	0.79	E.006	0.04	0.086	0.080
	07-28-03	28.3	121	0.79	0.69	<0.04	<0.06	E.005	E.02	0.043	<0.004
S115135. 1	08-28-03	20.4	133	<0.10	E.09	<0.04	5.85	<0.008	<0.02	<0.004	<0.004
	09-08-03	--	--	--	--	--	--	--	--	--	--
S 48430. 1	09-08-03	5.5	47	E.09	E.09	<0.04	1.10	<0.008	<0.18	<0.004	<0.004
S 8843. 2	09-25-03	--	--	--	--	--	--	--	--	--	--
S 15048. 1	09-25-03	--	--	--	--	--	--	--	--	--	--
S 98635. 1	09-25-03	--	--	--	--	--	--	--	--	--	--

MULTIPLE STATION ANALYSES

Local identifier	Date	Iron, water, fltrd, ug/L (01046)	Mangan-ese, water, fltrd, ug/L (01056)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	4,4-Di' chloro-benzo-phen-one, wat flt ug/L (61631)	Aceto-phenone water, fltrd, ug/L (62064)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitos-terol, water, fltrd, ug/L (62068)	beta-Stigma-stanol, water, fltrd, ug/L (62086)	Bisphe-nol A, water, fltrd, ug/L (62069)
SUFFOLK COUNTY											
BIG FRESH POND	07-11-03	--	--	<0.5	<1	--	<0.5	<0.5	<2	<2	M
NEAR NORTH SEA,	07-23-03	--	--	--	--	--	--	--	--	--	--
NY	09-18-03	8	0.7	--	--	<0.003	--	--	--	--	--
FORT POND AT	07-19-03	--	--	<0.5	<1	--	0.9	E.1	E3	E3	M
MONTAUK, NY	09-15-03	--	--	--	--	--	--	--	--	--	--
	09-15-03	45	0.4	--	--	<0.003	--	--	--	--	--
TROUT POND AT	07-19-03	--	--	<0.5	M	--	E.3	E.1	<2	<2	M
NOYACK, NY	09-18-03	79	3.4	--	--	<0.003	--	--	--	--	--
HOOK POND AT EAST	07-19-03	--	--	<0.5	<1	--	E.2	E.1	<2	<2	M
HAMPTON, NY	09-16-03	101	1.0	--	--	E.003	--	--	--	--	--
LONG POND NEAR	07-19-03	--	--	<0.5	M	--	2.9	E.1	E3	E3	M
SAG HARBOR, NY	07-29-03	6,310	379	--	--	<0.003	--	--	--	--	--
MILL POND AT	07-11-03	--	--	<0.5	M	--	<0.5	<0.5	<2	M	<1
WATER MILL, NY	07-23-03	--	--	--	--	--	--	--	--	--	--
	07-28-03	55	4.8	--	--	E.004	--	--	--	--	--
S115135. 1	08-28-03	<8	1.7	--	--	<0.003	--	--	--	--	--
	09-08-03	--	--	E.1	<1	--	<0.5	<0.5	<2	<2	<1
S 48430. 1	09-08-03	174	16.7	<0.5	<1	--	<0.5	M	<2	<2	<1
S 8843. 2	09-25-03	--	--	<0.5	<1	--	<0.5	<0.5	<2	<2	<1
S 15048. 1	09-25-03	--	--	<0.5	<1	--	<0.5	<0.5	<2	<2	<1
S 98635. 1	09-25-03	--	--	<0.5	<1	--	<0.5	<0.5	<2	<2	<1

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES—Continued

MULTIPLE STATION ANALYSES

Local identifier	Date	Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbazole, water, fltrd, ug/L (62071)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diethoxyoctylphenol, water, fltrd ug/L (61705)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Menthol water, fltrd, ug/L (62080)
SUFFOLK COUNTY											
BIG FRESH POND	07-11-03	<0.5	<0.5	<0.5	<2	<1.00	E.1	<1	<0.5	<0.5	<0.5
NEAR NORTH SEA,	07-23-03	--	--	--	--	--	--	--	--	--	--
NY	09-18-03	--	--	--	--	--	--	--	--	--	--
FORT POND AT	07-19-03	E.1	<0.5	<0.5	E2	E.2700	E.1	M	<0.5	<0.5	<0.5
MONTAUK, NY	09-15-03	--	--	--	--	--	--	--	--	--	--
	09-15-03	--	--	--	--	--	--	--	--	--	--
TROUT POND AT	07-19-03	E.1	<0.5	<0.5	<2	<1.00	E.2	<1	<0.5	<0.5	<0.5
NOYACK, NY	09-18-03	--	--	--	--	--	--	--	--	--	--
HOOK POND AT EAST	07-19-03	0.6	M	E.1	<2	<1.00	E.2	<1	<0.5	M	E.1
HAMPTON, NY	09-16-03	--	--	--	--	--	--	--	--	--	--
LONG POND NEAR	07-19-03	E.1	<0.5	<0.5	E2	<1.00	E.2	<1	<0.5	<0.5	<0.5
SAG HARBOR, NY	07-29-03	--	--	--	--	--	--	--	--	--	--
MILL POND AT	07-11-03	<0.5	<0.5	<0.5	E1	<1.00	M	<1	<0.5	<0.5	<0.5
WATER MILL, NY	07-23-03	--	--	--	--	--	--	--	--	--	--
	07-28-03	--	--	--	--	--	--	--	--	--	--
S115135. 1	08-28-03	--	--	--	--	--	--	--	--	--	--
	09-08-03	M	<0.5	<0.5	<2	<1.00	M	<1	<0.5	<0.5	<0.5
S 48430. 1	09-08-03	M	<0.5	<0.5	<2	<1.00	E.1	<1	<0.5	<0.5	<0.5
S 8843. 2	09-25-03	<0.5	<0.5	<0.5	<2	<1.00	<0.5	<1	<0.5	<0.5	<0.5
S 15048. 1	09-25-03	<0.5	<0.5	<0.5	<2	<1.00	<0.5	<1	<0.5	<0.5	<0.5
S 98635. 1	09-25-03	M	<0.5	<0.5	<2	<1.00	E.1	<1	E.1	<0.5	<0.5

MULTIPLE STATION ANALYSES

Local identifier	Date	Methyl salicylate, water, fltrd, ug/L (62081)	p-Cresol, water, fltrd, ug/L (62084)	Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tribromomethane water, fltrd, ug/L (34288)	Tributyl phosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Triphenyl phosphate, water, fltrd, ug/L (62092)
SUFFOLK COUNTY											
BIG FRESH POND	07-11-03	<0.5	<1	<0.5	E.3	<0.5	<0.5	<0.5	<0.5	<1	<0.5
NEAR NORTH SEA,	07-23-03	--	--	--	--	--	--	--	--	--	--
NY	09-18-03	--	--	--	--	--	--	--	--	--	--
FORT POND AT	07-19-03	<0.5	M	<0.5	4.8	<0.5	<0.5	<0.5	<0.5	<1	<0.5
MONTAUK, NY	09-15-03	--	--	--	--	--	--	--	--	--	--
	09-15-03	--	--	--	--	--	--	--	--	--	--
TROUT POND AT	07-19-03	M	M	<0.5	2.1	<0.5	<0.5	M	<0.5	<1	E.1
NOYACK, NY	09-18-03	--	--	--	--	--	--	--	--	--	--
HOOK POND AT EAST	07-19-03	M	M	M	0.7	<0.5	E4.4	<0.5	<0.5	<1	<0.5
HAMPTON, NY	09-16-03	--	--	--	--	--	--	--	--	--	--
LONG POND NEAR	07-19-03	M	M	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	M	E.1
SAG HARBOR, NY	07-29-03	--	--	--	--	--	--	--	--	--	--
MILL POND AT	07-11-03	<0.5	<1	<0.5	E.3	<0.5	<0.5	<0.5	<0.5	<1	<0.5
WATER MILL, NY	07-23-03	--	--	--	--	--	--	--	--	--	--
	07-28-03	--	--	--	--	--	--	--	--	--	--
S115135. 1	08-28-03	--	--	--	--	--	--	--	--	--	--
	09-08-03	<0.5	<1	<0.5	E.2	<0.5	M	<0.5	M	<1	<0.5
S 48430. 1	09-08-03	<0.5	M	<0.5	1.0	<0.5	<0.5	<0.5	M	<1	<0.5
S 8843. 2	09-25-03	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5
S 15048. 1	09-25-03	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5
S 98635. 1	09-25-03	<0.5	<1	<0.5	<0.5	E.1	<0.5	<0.5	<0.5	<1	<0.5

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES—Continued

MULTIPLE STATION ANALYSES

Local identifier	Date	Tris(2-butoxy-ethyl) phos-phate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)
	SUFFOLK COUNTY			
BIG FRESH POND	07-11-03	<0.5	<0.5	<0.5
NEAR NORTH SEA,	07-23-03	--	--	--
NY	09-18-03	--	--	--
FORT POND AT	07-19-03	E.3	E.1	<0.5
MONTAUK, NY	09-15-03	--	--	--
	09-15-03	--	--	--
TROUT POND AT	07-19-03	E.2	E.1	<0.5
NOYACK, NY	09-18-03	--	--	--
HOOK POND AT EAST	07-19-03	3.2	E.1	E.1
HAMPTON, NY	09-16-03	--	--	--
LONG POND NEAR	07-19-03	E.2	E.1	<0.5
SAG HARBOR, NY	07-29-03	--	--	--
MILL POND AT	07-11-03	<0.5	<0.5	<0.5
WATER MILL, NY	07-23-03	--	--	--
	07-28-03	--	--	--
S115135. 1	08-28-03	--	--	--
	09-08-03	<0.5	<0.5	<0.5
S 48430. 1	09-08-03	<0.5	M	<0.5
S 8843. 2	09-25-03	<0.5	<0.5	<0.5
S 15048. 1	09-25-03	<0.5	<0.5	<0.5
S 98635. 1	09-25-03	<0.5	E.2	E.1

Remark codes used in this table:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES
Brooklyn and Queens Aquifer Study, Inorganic Data

MULTIPLE STATION ANALYSES

Local identifier	Lat-i-tude	Long-i-tude	Date	Time	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specif. conduc-tance, wat unf lab, uS/cm 25 degC (90095)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)
KINGS COUNTY										
K 1265. 2	40 39 39 N	073 54 29 W	06-26-03	1200	1.0	6.2	6.8	1,140	1,180	17.2
K 2510. 1	40 34 26 N	073 58 32 W	08-26-03	0900	4.6	7.2	7.8	--	43,700	19.5
K 2582. 1	40 37 32 N	073 57 37 W	07-14-03	1145	--	7.4	7.8	888	960	16.2
K 3133. 1	40 41 58 N	073 56 58 W	08-20-03	0830	--	7.2	7.8	1,460	1,490	14.6
K 3246. 2	40 39 02 N	073 55 28 W	06-24-03	1025	6.3	6.0	7.5	530	549	17.4
K 3248. 1	40 37 12 N	074 00 16 W	08-08-03	0900	6.6	6.7	7.1	546	566	18.8
K 3251. 1	40 35 20 N	073 57 55 W	08-07-03	1115	3.3	6.9	7.2	409	444	20.2
K 3255. 2	40 38 27 N	073 53 52 W	06-26-03	1100	2.9	6.6	6.5	941	971	15.5
K 3256. 2	40 39 49 N	073 53 21 W	07-01-03	1055	--	6.5	6.9	702	745	16.7
K 3260. 2	40 43 25 N	073 56 35 W	08-01-03	0850	3.4	7.0	7.1	1,970	1,920	19.9
K 3405. 1	40 37 19 N	073 57 33 W	07-14-03	1100	6.2	7.8	7.8	506	544	15.4
K 3406. 1	40 38 06 N	074 02 19 W	07-10-03	0940	2.2	7.8	7.8	1,700	1,780	14.7
K 3407. 1	40 35 20 N	073 57 57 W	07-31-03	1040	3.9	6.6	--	E35500	44,100	14.8
K 3410. 1	40 40 39 N	073 55 50 W	06-25-03	1100	0.2	7.5	7.5	333	368	14.2
K 3414. 1	40 34 31 N	073 58 11 W	08-26-03	0800	--	6.6	6.7	--	44,600	14.6
K 3425. 1	40 40 39 N	073 55 50 W	06-25-03	1125	3.4	6.8	7.1	1,410	1,530	17.2
K 3430. 1	40 39 41 N	073 57 43 W	07-01-03	0930	--	7.4	7.5	624	633	14.3
QUEENS COUNTY										
Q 273. 1	40 42 57 N	073 49 37 W	09-11-03	1200	--	6.8	7.5	142	167	13.5
Q 277. 1	40 45 19 N	073 44 38 W	08-19-03	0900	--	6.2	6.7	327	338	11.9
Q 470. 1	40 45 41 N	073 45 26 W	09-16-03	1230	--	6.5	7.3	167	181	14.1
Q 1189. 1	40 39 58 N	073 44 58 W	08-13-03	0910	0.3	6.1	6.1	325	351	16.9
Q 1472. 1	40 44 15 N	073 46 56 W	08-20-03	1000	--	6.4	6.9	469	501	27.4
Q 2418. 1	40 45 04 N	073 50 18 W	08-18-03	0915	1.6	7.1	--	--	1,930	14.0
Q 2419. 1	40 45 03 N	073 50 19 W	08-18-03	0925	0.4	7.0	7.5	142	160	13.6
Q 2420. 1	40 45 03 N	073 50 20 W	08-18-03	0935	0.4	6.9	7.1	148	162	13.6
Q 2791. 1	40 46 24 N	073 48 35 W	08-25-03	0845	5.6	6.7	7.2	685	712	17.4
Q 2814. 1	40 45 11 N	073 48 52 W	07-08-03	0930	4.9	5.9	6.6	594	677	15.9
Q 2978. 1	40 47 03 N	073 48 35 W	08-25-03	1000	2.8	6.1	6.5	476	499	15.6
Q 2994. 2	40 39 39 N	073 44 35 W	08-27-03	0900	4.7	5.9	6.6	887	906	15.0
Q 3036. 1	40 43 54 N	073 52 00 W	08-13-03	1110	--	6.7	6.3	167	192	18.8
Q 3112. 1	40 39 39 N	073 47 28 W	07-09-03	0830	0.1	7.9	7.7	393	412	15.4
Q 3117. 1	40 39 39 N	073 47 28 W	07-09-03	0925	4.2	6.3	6.9	720	523	15.4
Q 3162. 2	40 41 19 N	073 46 36 W	06-12-03	0925	0.5	6.2	6.5	722	742	15.3
Q 3587. 1	40 41 38 N	073 53 51 W	08-05-03	0945	6.4	7.2	7.5	970	990	15.6
Q 3589. 1	40 40 26 N	073 47 21 W	06-09-03	1115	0.3	7.5	7.8	333	351	14.9
Q 3593. 1	40 47 33 N	073 48 29 W	07-30-03	1010	0.3	6.6	7.3	190	214	14.4
Q 3604. 1	40 47 32 N	073 48 29 W	07-30-03	0835	0.2	7.0	E7.1	837	893	15.5
Q 3627. 1	40 42 39 N	073 49 30 W	08-12-03	1010	2.4	6.9	6.6	171	176	13.5
Q 3628. 1	40 42 39 N	073 49 29 W	08-12-03	1220	2.2	7.1	E6.8	213	222	13.2
Q 3629. 1	40 42 39 N	073 49 28 W	08-12-03	1300	2.4	5.7	5.9	272	296	15.2
Q 3649. 1	40 41 38 N	073 53 51 W	08-05-03	1030	--	7.3	7.5	937	962	15.7
Q 3658. 1	40 40 27 N	073 46 45 W	09-29-03	0925	--	5.7	6.1	703	750	16.8
Q 3659. 1	40 43 13 N	073 47 52 W	09-29-03	1050	3.7	6.2	6.3	701	748	15.3
Q 3804. 1	40 44 59 N	073 42 24 W	05-27-03	0915	--	5.6	6.0	382	402	16.1
Q 3806. 1	40 45 39 N	073 46 53 W	05-27-03	1055	--	6.0	6.1	762	799	15.8
Q 3815. 1	40 46 17 N	073 48 32 W	06-23-03	1231	6.4	5.7	6.5	422	429	14.0
Q 3816. 1	40 46 53 N	073 48 53 W	06-23-03	1328	4.4	5.7	6.5	E632	632	15.9
ALLEY CREEK NEAR OAKLAND GARDENS, NY	40 45 45 N	073 45 05 W	08-04-03	1005	7.1	7.5	7.5	829	865	17.7
ALLEY POND SPRING NEAR OAKLAND GARDENS, NY	40 45 23 N	073 44 40 W	09-16-03	1100	7.9	6.2	7.0	214	223	12.0
GABBLERS CREEK AT LITTLE NECK, NY	40 46 25 N	073 44 39 W	08-04-03	0850	6.6	6.5	7.1	204	205	22.4

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES—Continued

MULTIPLE STATION ANALYSES

Local identifier	Date	Calcium water unfltrd recover -able, mg/L (00916)	Magnes- ium, water, unfltrd recover -able, mg/L (00927)	Potas- sium, water, unfltrd recover -able, mg/L (00937)	Sodium, water, unfltrd recover -able, mg/L (00929)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Chlor ide, water fltrd mg/L (00940	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)
KINGS COUNTY												
K 1265. 2	06-26-03	91.5	21.3	11.0	85.0	123	203	203	<0.2	20.5	94.7	675
K 2510. 1	08-26-03	333	961	314	7,850	131	15300	15,300	0.8	10.0	2,060	29,700
K 2582. 1	07-14-03	58.2	38.2	2.1	59.6	143	136	136	<0.2	27.0	90.6	539
K 3133. 1	08-20-03	95.3	39.3	4.2	121	177	295	295	<0.2	20.5	107	831
K 3246. 2	06-24-03	44.2	10.5	1.4	39.0	33	76.4	76.4	<0.2	19.3	52.7	346
K 3248. 1	08-08-03	15.6	29.6	2.7	35.9	91	76.2	76.2	<0.2	27.9	34.1	322
K 3251. 1	08-07-03	57.5	6.71	7.6	10.8	152	21.8	21.8	<0.2	10.8	12.1	256
K 3255. 2	06-26-03	59.9	11.0	5.4	98.6	94	185	185	<0.2	11.5	59.7	547
K 3256. 2	07-01-03	31.6	11.3	1.2	86.4	44	114	114	<0.2	19.5	54.4	426
K 3260. 2	08-01-03	124	42.8	4.2	210	269	385	385	<0.2	22.3	167	1,220
K 3405. 1	07-14-03	35.5	25.5	1.6	26.8	117	38.9	38.9	<0.2	30.0	70.7	334
K 3406. 1	07-10-03	69.5	27.3	5.2	241	134	380	380	<0.2	22.3	111	1,000
K 3407. 1	07-31-03	--	--	--	--	--	--	--	<0.2	--	--	--
K 3410. 1	06-25-03	21.6	5.75	2.6	40.6	150	17.9	17.9	0.2	17.4	2.6	192
K 3414. 1	08-26-03	416	1,060	303	8,180	41	15500	15,500	<0.2	8.3	2,110	29,900
K 3425. 1	06-25-03	185	47.3	4.0	56.0	359	154	154	<0.2	34.2	182	919
K 3430. 1	07-01-03	55.1	29.2	1.9	25.1	196	49.8	49.8	<0.2	28.9	56.5	377
QUEENS COUNTY												
Q 273. 1	09-11-03	12.6	6.06	1.3	4.2	68	4.94	4.94	<0.2	7.5	E.1	89
Q 277. 1	08-19-03	25.0	15.7	1.3	12.1	58	27.8	27.8	<0.2	15.7	47.0	202
Q 470. 1	09-16-03	18.0	3.94	3.0	7.7	53	9.34	9.34	<0.2	7.5	6.8	111
Q 1189. 1	08-13-03	19.1	7.43	3.1	23.3	34	33.2	33.2	<0.2	20.1	57.2	208
Q 1472. 1	08-20-03	33.4	19.3	2.1	24.4	74	66.6	66.6	<0.2	32.3	41.4	294
Q 2418. 1	08-18-03	--	--	--	--	--	--	--	--	--	--	--
Q 2419. 1	08-18-03	13.1	5.51	1.2	6.9	67	4.65	4.65	<0.2	15.1	3.3	99
Q 2420. 1	08-18-03	13.7	5.71	1.3	7.2	68	4.96	4.96	<0.2	15.6	4.0	89
Q 2791. 1	08-25-03	52.8	28.8	1.7	35.4	164	79.5	79.5	<0.2	34.9	49.3	434
Q 2814. 1	07-08-03	37.1	18.6	2.1	52.5	50	110	110	<0.2	18.9	65.1	411
Q 2978. 1	08-25-03	40.0	24.0	1.6	18.1	120	38.6	38.6	<0.2	42.6	69.3	329
Q 2994. 2	08-27-03	24.2	7.63	3.5	396	47	199	199	<0.2	7.5	54.0	498
Q 3036. 1	08-13-03	6.57	3.09	2.2	22.6	70	10.7	10.7	<0.2	5.3	E.1	100
Q 3112. 1	07-09-03	32.4	11.4	2.5	21.9	60	80.9	80.9	<0.2	20.7	9.5	264
Q 3117. 1	07-09-03	116	15.1	8.9	27.2	230	25.1	25.1	<0.2	9.3	152	537
Q 3162. 2	06-12-03	77.8	17.1	2.9	39.4	198	45.8	45.8	<0.2	12.6	107	402
Q 3587. 1	08-05-03	88.2	37.4	2.2	33.9	179	139	139	<0.2	27.3	77.4	627
Q 3589. 1	06-09-03	27.8	12.2	2.1	12.0	51	63.6	63.6	<0.2	17.9	13.9	257
Q 3593. 1	07-30-03	14.9	8.26	1.8	9.9	56	13.5	13.5	<0.2	9.7	18.2	118
Q 3604. 1	07-30-03	71.1	44.6	2.6	32.0	227	82.0	82.0	<0.2	29.5	109	551
Q 3627. 1	08-12-03	16.5	7.57	1.4	4.2	59	7.10	7.10	<0.2	15.3	12.4	116
Q 3628. 1	08-12-03	21.4	7.93	2.0	6.7	81	9.52	9.52	<0.2	16.4	12.3	141
Q 3629. 1	08-12-03	23.1	12.9	2.8	8.7	63	10.0	10.0	<0.2	21.8	51.9	202
Q 3649. 1	08-05-03	85.8	36.1	2.2	34.0	188	128	128	<0.2	30.9	63.3	643
Q 3658. 1	09-29-03	74.9	8.24	3.8	44.3	32	128	128	<0.2	13.6	107	488
Q 3659. 1	09-29-03	65.2	28.9	3.2	17.8	104	112	112	<0.2	26.2	79.3	433
Q 3804. 1	05-27-03	18.7	7.47	1.9	38.0	25	70.8	70.8	<0.2	16.9	31.4	232
Q 3806. 1	05-27-03	52.1	30.1	1.8	41.5	215	138	138	<0.2	24.4	71.3	464
Q 3815. 1	06-23-03	32.0	18.6	1.0	17.1	49	58.2	58.2	<0.2	25.5	49.4	264
Q 3816. 1	06-23-03	40.5	23.6	1.9	43.8	68	106	106	<0.2	32.2	49.5	397
ALLEY CREEK	08-04-03	47.1	15.7	3.4	95.5	128	162	162	<0.2	22.1	32.3	492
ALLEY POND SPRING	09-16-03	14.5	10.4	1.1	9.2	31	15.2	15.2	<0.2	16.5	30.0	140
GABBLERS CREEK	08-04-03	14.7	4.62	2.4	17.4	36	33.3	33.3	<0.2	7.2	11.9	153

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES—Continued

MULTIPLE STATION ANALYSES

Local identifier	Date	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Organic carbon, water, fltrd, mg/L (00681)	Arsenic water unfltrd ug/L (01002)	Barium, water, unfltrd recover -able, ug/L (01007)	Cadmium water, unfltrd ug/L (01027)	Chrom-ium, water, unfltrd recover -able, ug/L (01034)	Copper, water, unfltrd recover -able, ug/L (01042)
KINGS COUNTY											
K 1265. 2	06-26-03	0.08	11.1	<0.008	E.01	--	<2	97	0.14	0.9	1.7
K 2510. 1	08-26-03	1.15	<0.06	<0.008	E.01	--	<2	36	<0.63	4.3	15.1
K 2582. 1	07-14-03	<0.04	7.57	<0.008	0.02	--	<2	63	E.03	1.2	5.5
K 3133. 1	08-20-03	0.67	E.06	<0.008	0.03	--	<2	23	<0.04	<0.8	7.5
K 3246. 2	06-24-03	<0.04	9.18	<0.008	<0.02	--	<2	44	E.02	0.9	1.4
K 3248. 1	08-08-03	<0.04	9.39	0.013	<0.02	--	<2	33	0.30	7.8	171
K 3251. 1	08-07-03	0.12	4.92	0.011	<0.02	--	<2	15	0.14	1.5	57.9
K 3255. 2	06-26-03	0.62	6.43	0.009	E.01	--	<2	62	0.34	E.7	3.7
K 3256. 2	07-01-03	<0.04	15.8	<0.008	<0.02	--	<2	35	<0.04	1.0	0.8
K 3260. 2	08-01-03	0.06	1.81	E.005	0.02	--	<2	59	0.20	1.4	5.2
K 3405. 1	07-14-03	<0.04	5.38	<0.008	E.01	--	<2	36	0.04	1.0	1.2
K 3406. 1	07-10-03	<0.04	10.8	<0.008	0.06	--	<2	5	<0.04	2.2	1.0
K 3407. 1	07-31-03	0.83	<0.06	<0.008	<0.02	--	--	--	--	--	--
K 3410. 1	06-25-03	1.50	<0.06	<0.008	0.41	35.9	<2	60	<0.04	<0.8	<0.6
K 3414. 1	08-26-03	0.81	<0.06	<0.008	<0.02	--	<10	34	<0.63	<3.2	12.2
K 3425. 1	06-25-03	<0.04	6.44	<0.008	<0.02	--	<2	40	0.04	1.8	2.0
K 3430. 1	07-01-03	<0.04	1.60	<0.008	0.02	--	<2	105	<0.04	1.7	1.0
QUEENS COUNTY											
Q 273. 1	09-11-03	<0.04	<0.06	<0.008	<0.02	--	<2	8	<0.04	<0.8	<0.6
Q 277. 1	08-19-03	<0.04	3.62	<0.008	<0.02	--	<2	24	<0.04	5.7	E.5
Q 470. 1	09-16-03	0.14	1.48	0.010	<0.02	--	4	36	0.83	5.4	145
Q 1189. 1	08-13-03	0.06	<0.06	<0.008	<0.02	--	4	43	<0.04	<0.8	33.5
Q 1472. 1	08-20-03	<0.04	4.49	<0.008	<0.02	--	E1	40	E.03	<0.8	16.2
Q 2418. 1	08-18-03	4.17	<0.06	<0.008	<0.02	--	--	--	--	--	--
Q 2419. 1	08-18-03	0.05	<0.06	<0.008	<0.02	--	E2	29	<0.04	<0.8	1.3
Q 2420. 1	08-18-03	0.06	<0.06	<0.008	<0.02	--	<2	28	<0.04	<0.8	0.6
Q 2791. 1	08-25-03	0.19	6.54	<0.008	<0.18	--	<2	56	<0.04	3.1	1.6
Q 2814. 1	07-08-03	<0.04	8.01	0.012	<0.02	--	<2	60	0.05	1.4	25.4
Q 2978. 1	08-25-03	E.03	<0.06	<0.008	<0.18	--	<2	47	0.07	<0.8	5.6
Q 2994. 2	08-27-03	<0.04	4.89	<0.008	<0.02	--	3	79	0.13	8.1	11.3
Q 3036. 1	08-13-03	0.72	<0.06	<0.008	<0.02	--	<2	63	7.19	<0.8	40.5
Q 3112. 1	07-09-03	0.78	<0.06	<0.008	0.31	--	<2	49	<0.04	<0.8	E.4
Q 3117. 1	07-09-03	0.79	0.70	<0.008	<0.02	--	<2	43	0.04	<0.8	2.1
Q 3162. 2	06-12-03	<0.04	3.30	<0.008	E.01	--	<2	67	0.04	E.6	1.8
Q 3587. 1	08-05-03	<0.04	9.43	<0.008	E.01	--	<2	71	<0.04	2.7	1.7
Q 3589. 1	06-09-03	0.10	<0.06	<0.008	E.02	--	<2	36	<0.04	<0.8	E.5
Q 3593. 1	07-30-03	0.05	E.05	<0.008	<0.02	--	2	43	<0.04	8.4	7.6
Q 3604. 1	07-30-03	<0.04	3.22	<0.008	0.05	--	<2	67	<0.04	1.2	0.7
Q 3627. 1	08-12-03	<0.04	1.50	<0.008	<0.18	--	<2	30	E.03	4.6	10.5
Q 3628. 1	08-12-03	E.02	0.76	<0.008	E.01	--	E1	26	E.03	3.6	6.8
Q 3629. 1	08-12-03	0.07	<0.06	<0.008	<0.18	--	E1	92	0.23	13.4	20.8
Q 3649. 1	08-05-03	<0.04	10.4	<0.008	<0.02	--	<2	120	<0.04	4.7	4.2
Q 3658. 1	09-29-03	<0.04	4.63	<0.008	E.01	--	7	60	0.07	E.6	1.4
Q 3659. 1	09-29-03	<0.04	4.37	<0.008	E.01	--	<2	133	0.08	1.5	1.7
Q 3804. 1	05-27-03	<0.04	4.15	<0.008	<0.02	--	<2	65	<0.04	3.0	2.1
Q 3806. 1	05-27-03	<0.04	6.71	<0.008	<0.02	--	<2	99	<0.04	1.7	1.9
Q 3815. 1	06-23-03	<0.04	4.13	<0.008	<0.02	--	<2	24	E.02	5.2	0.8
Q 3816. 1	06-23-03	<0.04	8.88	<0.008	0.04	--	<2	60	E.02	1.7	1.2
ALLEY CREEK	08-04-03	0.17	1.96	0.027	E.01	--	E1	54	E.03	0.9	2.2
ALLEY POND SPRING	09-16-03	<0.04	4.51	<0.008	E.01	--	<2	24	<0.04	0.9	0.7
GABBLERS CREEK	08-04-03	0.12	1.04	0.030	0.09	--	<2	22	0.07	1.1	9.9

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES—Continued

MULTIPLE STATION ANALYSES

Local identifier	Date	Cyanide water unfltrd mg/L (00720)	Iron, water, unfltrd recover -able, ug/L (01045)	Lead, water, unfltrd recover -able, ug/L (01051)	Mangan- ese, water, unfltrd recover -able, ug/L (01055)	Mercury water, unfltrd recover -able, ug/L (71900)	Selen- ium, water, unfltrd ug/L (01147)	Silver, water, unfltrd recover -able, ug/L (01077)	Zinc, water, unfltrd recover -able, ug/L (01092)	MBAS, water, unfltrd mg/L (38260)
				KINGS COUNTY						
K 1265. 2	06-26-03	<0.01	520	0.35	739	<0.02	3.1	<0.16	2	<0.10
K 2510. 1	08-26-03	0.13	130	<1.08	3,730	<0.02	65.7	<2.88	<36	E.10
K 2582. 1	07-14-03	<0.01	10	0.72	M	<0.02	2.6	<0.16	8	<0.10
K 3133. 1	08-20-03	<0.01	840	5.21	423	<0.02	<0.5	<0.16	5	<0.10
K 3246. 2	06-24-03	<0.01	360	0.36	54	<0.02	2.7	<0.16	E2	<0.10
K 3248. 1	08-08-03	E.01	23,900	73.3	605	0.03	2.6	E.09	585	<0.40
K 3251. 1	08-07-03	<0.01	10,600	9.15	166	<0.02	3.7	<0.16	775	<0.20
K 3255. 2	06-26-03	<0.01	260	0.17	6,650	<0.02	1.5	<0.16	3	<0.10
K 3256. 2	07-01-03	<0.01	150	0.08	12	<0.02	1.9	<0.16	E1	E.06
K 3260. 2	08-01-03	<0.01	1,710	1.93	2,210	<0.02	1.6	<0.16	10	E.15
K 3405. 1	07-14-03	<0.01	M	<0.06	7	<0.02	2.7	<0.16	<2	<0.10
K 3406. 1	07-10-03	<0.01	M	<0.06	3	<0.02	1.4	<0.16	E1	<0.10
K 3407. 1	07-31-03	--	--	--	--	--	--	--	--	E.67
K 3410. 1	06-25-03	<0.01	1,110	0.07	105	<0.02	<0.5	<0.16	<2	<0.10
K 3414. 1	08-26-03	0.12	43,900	<1.08	3,360	<0.02	72.4	<2.88	<36	<0.80
K 3425. 1	06-25-03	<0.01	190	0.30	9	<0.02	4.1	<0.16	E2	<0.10
K 3430. 1	07-01-03	<0.01	30	0.17	M	<0.02	1.4	<0.16	2	<0.10
				QUEENS COUNTY						
Q 273. 1	09-11-03	<0.01	8,710	0.60	443	<0.02	<0.5	<0.16	5	<0.80
Q 277. 1	08-19-03	<0.01	M	<0.06	M	<0.02	1.5	<0.16	E1	<0.10
Q 470. 1	09-16-03	<0.01	17,000	104	77	0.32	E.4	<0.16	394	<0.80
Q 1189. 1	08-13-03	<0.01	14,000	1.74	807	<0.02	E.4	<0.16	7	<0.20
Q 1472. 1	08-20-03	<0.01	70	1.19	3	<0.02	0.8	<0.16	121	<0.10
Q 2418. 1	08-18-03	--	--	--	--	--	--	--	--	<0.80
Q 2419. 1	08-18-03	<0.01	3,250	0.08	143	<0.02	<0.5	<0.16	8	<0.20
Q 2420. 1	08-18-03	<0.01	2,770	<0.06	148	<0.02	<0.5	<0.16	3	<0.20
Q 2791. 1	08-25-03	<0.01	M	0.22	M	<0.02	1.3	<0.16	49	<0.10
Q 2814. 1	07-08-03	<0.01	1,860	1.91	10	E.01	2.6	<0.16	58	<0.10
Q 2978. 1	08-25-03	<0.01	1,120	0.22	546	<0.02	0.5	<0.16	25	E.05
Q 2994. 2	08-27-03	<0.01	20,000	9.02	654	E.02	1.1	<0.16	20	<0.80
Q 3036. 1	08-13-03	<0.01	17,900	8.17	367	<0.02	E.4	<0.16	541	<0.80
Q 3112. 1	07-09-03	<0.01	290	0.19	104	<0.02	<0.5	<0.16	<2	<0.10
Q 3117. 1	07-09-03	<0.01	320	2.65	3,550	<0.02	E.4	<0.16	4	<0.10
Q 3162. 2	06-12-03	<0.01	140	E.05	5	<0.02	0.6	<0.16	E1	<0.10
Q 3587. 1	08-05-03	<0.01	320	0.29	143	<0.02	2.9	<0.16	5	<0.10
Q 3589. 1	06-09-03	<0.01	330	<0.06	243	<0.02	E.3	<0.16	E2	<0.10
Q 3593. 1	07-30-03	<0.01	8,390	4.41	322	<0.02	<0.5	<0.16	37	<0.40
Q 3604. 1	07-30-03	<0.01	80	<0.06	4	0.02	0.8	<0.16	<2	E.05
Q 3627. 1	08-12-03	<0.01	4,380	21.2	170	0.04	0.6	<0.16	28	<0.80
Q 3628. 1	08-12-03	<0.01	3,950	13.1	273	0.02	E.4	<0.16	26	<0.40
Q 3629. 1	08-12-03	<0.01	130,000	50.2	3,360	0.09	0.6	0.32	50	<0.80
Q 3649. 1	08-05-03	<0.01	1,380	1.40	146	<0.02	3.9	<0.16	4	<0.10
Q 3658. 1	09-29-03	<0.01	80	E.05	68	<0.02	2.4	<0.16	--	<0.10
Q 3659. 1	09-29-03	<0.01	220	0.40	13	E.01	0.8	<0.16	4	E.05
Q 3804. 1	05-27-03	<0.01	50	0.10	4	<0.02	0.9	<0.16	E1	<0.10
Q 3806. 1	05-27-03	<0.01	120	0.14	8	<0.02	1.3	<0.16	E1	<0.10
Q 3815. 1	06-23-03	<0.01	230	0.12	47	<0.02	0.8	<0.16	3	<0.10
Q 3816. 1	06-23-03	<0.01	540	0.49	34	<0.02	2.1	<0.16	E2	<0.10
ALLEY CREEK	08-04-03	<0.01	1,290	1.65	244	<0.02	0.5	<0.16	5	E.12
ALLEY POND SPRING	09-16-03	<0.01	10	E.05	1	<0.02	1.4	<0.16	E1	<0.40
GABBLERS CREEK	08-04-03	<0.01	610	4.69	150	E.01	E.4	<0.16	25	E.32

Remark codes used in this table:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES
Brooklyn and Queens Aquifer Study, Organic Data

MULTIPLE STATION ANALYSES

Local identifier	Lat-i-tude	Long-i-tude	Date	Time	1-Naph-thol, water, fltrd 0.7u GF ug/L (49295)	2,4-D water, fltrd, ug/L (39732)	2,4-Di-methyl-phenol, water, unfltrd ug/L (34606)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	2-Chloro-naphth-alene, water, unfltrd ug/L (34581)
KINGS COUNTY										
K 1265. 2	40 39 39 N	073 54 29 W	06-26-03	1200	<0.09	<0.02	<2.0	<0.006	<0.04	<2
K 2510. 1	40 34 26 N	073 58 32 W	08-26-03	0900	<0.09	<0.02	<2.0	<0.006	E.23	<2
K 2582. 1	40 37 32 N	073 57 37 W	07-14-03	1145	<0.09	<0.02	<2.0	<0.006	<0.04	<2
K 3133. 1	40 41 58 N	073 56 58 W	08-20-03	0830	<0.09	<0.02	<2.0	<0.006	<0.04	<2
K 3246. 2	40 39 02 N	073 55 28 W	06-24-03	1025	<0.09	<0.02	<2.0	<0.006	<0.04	<2
K 3248. 1	40 37 12 N	074 00 16 W	08-08-03	0900	<0.09	<0.02	<2.0	<0.006	<0.04	<2
K 3251. 1	40 35 20 N	073 57 55 W	08-07-03	1115	<0.09	<0.02	<2.0	<0.006	<0.04	<2
K 3255. 2	40 38 27 N	073 53 52 W	06-26-03	1100	<0.09	<0.02	<2.0	<0.006	<0.04	<2
K 3256. 2	40 39 49 N	073 53 21 W	07-01-03	1055	<0.09	<0.02	<2.0	<0.006	<0.04	<2
K 3260. 2	40 43 25 N	073 56 35 W	08-01-03	0850	<0.09	<0.02	<2.0	<0.006	<0.04	<2
K 3405. 1	40 37 19 N	073 57 33 W	07-14-03	1100	<0.09	<0.02	<2.0	<0.006	<0.04	<2
K 3406. 1	40 38 06 N	074 02 19 W	07-10-03	0940	<0.09	<0.02	<2.0	<0.006	<0.04	<2
K 3407. 1	40 35 20 N	073 57 57 W	07-31-03	1040	<0.09	<0.02	<2.0	<0.006	<0.04	<2
K 3410. 1	40 40 39 N	073 55 50 W	06-25-03	1100	<0.09	<0.02	<2.0	<0.006	<0.04	<2
K 3414. 1	40 34 31 N	073 58 11 W	08-26-03	0800	<0.09	<0.02	<2.0	<0.006	<0.04	<2
K 3425. 1	40 40 39 N	073 55 50 W	06-25-03	1125	<0.09	<0.02	<2.0	<0.006	<0.04	<2
K 3430. 1	40 39 41 N	073 57 43 W	07-01-03	0930	<0.09	<0.02	<2.0	<0.006	<0.04	<2
QUEENS COUNTY										
Q 273. 1	40 42 57 N	073 49 37 W	09-11-03	1200	<0.09	<0.02	<2.0	<0.006	<0.04	M
Q 277. 1	40 45 19 N	073 44 38 W	08-19-03	0900	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 470. 1	40 45 41 N	073 45 26 W	09-16-03	1230	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 1189. 1	40 39 58 N	073 44 58 W	08-13-03	0910	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 1472. 1	40 44 15 N	073 46 56 W	08-20-03	1000	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 2418. 1	40 45 04 N	073 50 18 W	08-18-03	0915	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 2419. 1	40 45 03 N	073 50 19 W	08-18-03	0925	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 2420. 1	40 45 03 N	073 50 20 W	08-18-03	0935	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 2791. 1	40 46 24 N	073 48 35 W	08-25-03	0845	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 2814. 1	40 45 11 N	073 48 52 W	07-08-03	0930	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 2978. 1	40 47 03 N	073 48 35 W	08-25-03	1000	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 2994. 2	40 39 39 N	073 44 35 W	08-27-03	0900	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 3036. 1	40 43 54 N	073 52 00 W	08-13-03	1110	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 3112. 1	40 39 39 N	073 47 28 W	07-09-03	0830	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 3117. 1	40 39 39 N	073 47 28 W	07-09-03	0925	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 3162. 2	40 41 19 N	073 46 36 W	06-12-03	0925	<0.09	<0.02	<2.0	E.004	E.02	<2
Q 3587. 1	40 41 38 N	073 53 51 W	08-05-03	0945	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 3589. 1	40 40 26 N	073 47 21 W	06-09-03	1115	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 3593. 1	40 47 33 N	073 48 29 W	07-30-03	1010	--	<0.02	--	--	<0.04	--
Q 3604. 1	40 47 32 N	073 48 29 W	07-30-03	0835	--	<0.02	--	--	<0.04	--
Q 3627. 1	40 42 39 N	073 49 30 W	08-12-03	1010	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 3628. 1	40 42 39 N	073 49 29 W	08-12-03	1220	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 3629. 1	40 42 39 N	073 49 28 W	08-12-03	1300	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 3649. 1	40 41 38 N	073 53 51 W	08-05-03	1030	<0.09	<0.02	--	<0.006	<0.04	--
Q 3658. 1	40 40 27 N	073 46 45 W	09-29-03	0925	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 3659. 1	40 43 13 N	073 47 52 W	09-29-03	1050	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 3804. 1	40 44 59 N	073 42 24 W	05-27-03	0915	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 3806. 1	40 45 39 N	073 46 53 W	05-27-03	1055	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 3815. 1	40 46 17 N	073 48 32 W	06-23-03	1231	<0.09	<0.02	<2.0	<0.006	<0.04	<2
Q 3816. 1	40 46 53 N	073 48 53 W	06-23-03	1328	<0.09	<0.02	--	<0.006	<0.04	--
ALLEY CREEK NEAR OAKLAND GARDENS, NY	40 45 45 N	073 45 05 W	08-04-03	1005	E.01	<0.02	E.3	<0.006	<0.04	<2
ALLEY POND SPRING NEAR OAKLAND GARDENS, NY	40 45 23 N	073 44 40 W	09-16-03	1100	<0.09	<0.02	<2.0	<0.006	<0.04	<2
GABBLERS CREEK AT LITTLE NECK, NY	40 46 25 N	073 44 39 W	08-04-03	0850	E.13	0.11	<2.0	<0.006	<0.04	<2

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES—Continued

MULTIPLE STATION ANALYSES

Local identifier	Date	2-nitrophenol, water unfltrd ug/L (34591)	4-Bromophenyl phenyl ether, wat unf ug/L (34636)	4-Chlorophenyl phenyl ether, wat unf ug/L (34641)	9H-Fluorene, water, unfltrd ug/L (34381)	Acenaphthene, water, unfltrd ug/L (34205)	Acenaphthylene, water, unfltrd ug/L (34200)	Anthracene, water, unfltrd ug/L (34220)	Atrazine, water, fltrd, ug/L (39632)	Benfluralin, water, fltrd 0.7u GF ug/L (82673)	Bentazon, water, fltrd 0.7u GF ug/L (38711)
KINGS COUNTY											
K 1265. 2	06-26-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
K 2510. 1	08-26-03	<1	<2	<2	<2	<2	<2	<2	0.007	<0.010	<0.01
K 2582. 1	07-14-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
K 3133. 1	08-20-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
K 3246. 2	06-24-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
K 3248. 1	08-08-03	<1	<2	<2	<2	<2	<2	M	<0.007	<0.010	<0.01
K 3251. 1	08-07-03	<1	<2	<2	<2	<2	<2	M	<0.007	<0.010	<0.01
K 3255. 2	06-26-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
K 3256. 2	07-01-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
K 3260. 2	08-01-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
K 3405. 1	07-14-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
K 3406. 1	07-10-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
K 3407. 1	07-31-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
K 3410. 1	06-25-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
K 3414. 1	08-26-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
K 3425. 1	06-25-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
K 3430. 1	07-01-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
QUEENS COUNTY											
Q 273. 1	09-11-03	<1	M	M	M	M	M	M	<0.007	<0.010	<0.01
Q 277. 1	08-19-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
Q 470. 1	09-16-03	<1	<2	<2	M	M	M	M	<0.007	<0.010	<0.01
Q 1189. 1	08-13-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
Q 1472. 1	08-20-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
Q 2418. 1	08-18-03	<1	<2	<2	<2	M	<2	<2	<0.007	<0.010	<0.01
Q 2419. 1	08-18-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
Q 2420. 1	08-18-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
Q 2791. 1	08-25-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	E.01
Q 2814. 1	07-08-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
Q 2978. 1	08-25-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
Q 2994. 2	08-27-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
Q 3036. 1	08-13-03	M	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.02
Q 3112. 1	07-09-03	<1	<2	<2	<2	<2	<2	<2	<0.007	E.007	<0.01
Q 3117. 1	07-09-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
Q 3162. 2	06-12-03	<1	<2	<2	<2	<2	<2	M	E.005	<0.010	<0.01
Q 3587. 1	08-05-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
Q 3589. 1	06-09-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
Q 3593. 1	07-30-03	--	--	--	--	--	--	--	--	--	<0.01
Q 3604. 1	07-30-03	--	--	--	--	--	--	--	--	--	<0.01
Q 3627. 1	08-12-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
Q 3628. 1	08-12-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
Q 3629. 1	08-12-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
Q 3649. 1	08-05-03	--	--	--	--	--	--	--	<0.007	<0.010	<0.01
Q 3658. 1	09-29-03	<1	<2	<2	<2	<2	<2	<2	E.001	<0.010	<0.01
Q 3659. 1	09-29-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
Q 3804. 1	05-27-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
Q 3806. 1	05-27-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
Q 3815. 1	06-23-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
Q 3816. 1	06-23-03	--	--	--	--	--	--	--	<0.007	<0.010	<0.01
ALLEY CREEK	08-04-03	<1	<2	<2	M	M	<2	M	<0.007	<0.010	<0.01
ALLEY POND SPRING	09-16-03	<1	<2	<2	<2	<2	<2	<2	<0.007	<0.010	<0.01
GABBLERS CREEK	08-04-03	<1	<2	<2	<2	<2	<2	M	<0.007	0.010	<0.01

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES—Continued

MULTIPLE STATION ANALYSES

Local identifier	Date	Benzo-[a]-anthra-cene, water, unfltrd ug/L (34526)	Benzo-[a]-pyrene, water, unfltrd ug/L (34247)	Benzo-[b]-fluor-anthene water unfltrd ug/L (34230)	Benzo-[g,h,i]-per-ylene, water, unfltrd ug/L (34521)	Benzo-[k]-fluor-anthene water unfltrd ug/L (34242)	Benzyl n-butyl phthal-ate, water, unfltrd ug/L (34292)	Bis(2-ethyl-hexyl) phthal-ate, wat unf ug/L (39100)	Broma-cil, water, fltrd, ug/L (04029)	Car-baryl, water, fltrd 0.7u GF ug/L (49310)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)
KINGS COUNTY											
K 1265. 2	06-26-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
K 2510. 1	08-26-03	<2	<1	<2	<2	<1	M	M	<0.03	<0.03	<0.041
K 2582. 1	07-14-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
K 3133. 1	08-20-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
K 3246. 2	06-24-03	<2	<1	<2	<2	<1	M	E3	<0.03	<0.03	<0.041
K 3248. 1	08-08-03	<2	<1	<2	<2	<1	<2	E2	<0.03	<0.03	<0.041
K 3251. 1	08-07-03	<2	M	M	<2	M	<2	<2	<0.03	<0.03	<0.041
K 3255. 2	06-26-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
K 3256. 2	07-01-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
K 3260. 2	08-01-03	<2	<1	<2	<2	<1	<2	E1	<0.03	<0.03	<0.041
K 3405. 1	07-14-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
K 3406. 1	07-10-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
K 3407. 1	07-31-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
K 3410. 1	06-25-03	<2	<1	<2	<2	<1	<2	E5	<0.03	<0.03	<0.041
K 3414. 1	08-26-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
K 3425. 1	06-25-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
K 3430. 1	07-01-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
QUEENS COUNTY											
Q 273. 1	09-11-03	<2	M	M	M	M	<2	<2	<0.03	<0.03	<0.041
Q 277. 1	08-19-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
Q 470. 1	09-16-03	M	M	M	M	M	<2	<2	<0.03	<0.03	<0.041
Q 1189. 1	08-13-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
Q 1472. 1	08-20-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
Q 2418. 1	08-18-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
Q 2419. 1	08-18-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
Q 2420. 1	08-18-03	<2	<1	M	<2	M	<2	<2	<0.03	<0.03	<0.041
Q 2791. 1	08-25-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
Q 2814. 1	07-08-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
Q 2978. 1	08-25-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
Q 2994. 2	08-27-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
Q 3036. 1	08-13-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
Q 3112. 1	07-09-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
Q 3117. 1	07-09-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
Q 3162. 2	06-12-03	<2	<1	<2	<2	<1	<2	M	<0.03	<0.03	<0.041
Q 3587. 1	08-05-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
Q 3589. 1	06-09-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
Q 3593. 1	07-30-03	--	--	--	--	--	--	--	<0.03	<0.03	--
Q 3604. 1	07-30-03	--	--	--	--	--	--	--	E.04	<0.03	--
Q 3627. 1	08-12-03	<2	M	M	<2	M	<2	<2	<0.03	<0.03	<0.041
Q 3628. 1	08-12-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
Q 3629. 1	08-12-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
Q 3649. 1	08-05-03	--	--	--	--	--	--	--	<0.03	<0.03	<0.041
Q 3658. 1	09-29-03	<2	<1	<2	<2	<1	M	<2	<0.03	<0.03	<0.041
Q 3659. 1	09-29-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
Q 3804. 1	05-27-03	<2	<1	<2	<2	<1	<2	<2	E.01	<0.03	<0.041
Q 3806. 1	05-27-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
Q 3815. 1	06-23-03	<2	<1	<2	<2	<1	<2	E1	<0.03	<0.03	<0.041
Q 3816. 1	06-23-03	--	--	--	--	--	--	--	<0.03	<0.03	<0.041
ALLEY CREEK	08-04-03	<2	<1	<2	<2	<1	M	<2	<0.03	<0.03	<0.041
ALLEY POND SPRING	09-16-03	<2	<1	<2	<2	<1	<2	<2	<0.03	<0.03	<0.041
GABBLERS CREEK	08-04-03	<2	M	M	<2	M	<2	E2	<0.03	E.05	E.147

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES—Continued

MULTIPLE STATION ANALYSES

Local identifier	Date	Chlordane, technical, water, unfltrd ug/L (39350)	Chloro-di-amino-s-tri-azine, wat flt ug/L (04039)	Chrysene, water, unfltrd ug/L (34320)	Diazinon oxon, water, fltrd, ug/L (61638)	Diazinon, water, fltrd, ug/L (39572)	Dicamba water fltrd 0.7u GF ug/L (38442)	Dieldrin, water, fltrd, ug/L (39381)	Dieldrin, water, unfltrd ug/L (39380)	Diethyl phthalate, water, unfltrd ug/L (34336)	Dimethyl phthalate, water, unfltrd ug/L (34341)
KINGS COUNTY											
K 1265. 2	06-26-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	E.003	<2	<1
K 2510. 1	08-26-03	<0.1	M	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
K 2582. 1	07-14-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
K 3133. 1	08-20-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
K 3246. 2	06-24-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
K 3248. 1	08-08-03	<0.1	<0.01	<3	<0.01	<0.005	0.07	<0.005	<0.017	<2	M
K 3251. 1	08-07-03	<0.1	<0.01	M	<0.01	<0.005	<0.01	0.025	0.021	<2	<1
K 3255. 2	06-26-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
K 3256. 2	07-01-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
K 3260. 2	08-01-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	M	<1
K 3405. 1	07-14-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
K 3406. 1	07-10-03	<0.1	--	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
K 3407. 1	07-31-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
K 3410. 1	06-25-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	26	<1
K 3414. 1	08-26-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
K 3425. 1	06-25-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
K 3430. 1	07-01-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
QUEENS COUNTY											
Q 273. 1	09-11-03	<0.1	<0.01	M	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
Q 277. 1	08-19-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
Q 470. 1	09-16-03	<0.1	<0.01	M	<0.01	<0.005	<0.01	<0.005	<0.017	<2	M
Q 1189. 1	08-13-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
Q 1472. 1	08-20-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
Q 2418. 1	08-18-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
Q 2419. 1	08-18-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	M	<1
Q 2420. 1	08-18-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
Q 2791. 1	08-25-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
Q 2814. 1	07-08-03	<0.1	--	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
Q 2978. 1	08-25-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
Q 2994. 2	08-27-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
Q 3036. 1	08-13-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
Q 3112. 1	07-09-03	<0.1	--	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
Q 3117. 1	07-09-03	<0.1	--	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
Q 3162. 2	06-12-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	0.011	E.014	<2	<1
Q 3587. 1	08-05-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
Q 3589. 1	06-09-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
Q 3593. 1	07-30-03	<0.1	<0.01	--	--	--	<0.01	--	<0.017	--	--
Q 3604. 1	07-30-03	<0.1	<0.01	--	--	--	<0.01	--	<0.017	--	--
Q 3627. 1	08-12-03	<0.1	<0.01	M	<0.01	<0.005	<0.01	<0.005	<0.017	M	<1
Q 3628. 1	08-12-03	E.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
Q 3629. 1	08-12-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
Q 3649. 1	08-05-03	<0.1	<0.01	--	<0.01	<0.005	<0.01	<0.005	<0.017	--	--
Q 3658. 1	09-29-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
Q 3659. 1	09-29-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
Q 3804. 1	05-27-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	0.028	0.028	<2	<1
Q 3806. 1	05-27-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	0.006	<0.017	<2	<1
Q 3815. 1	06-23-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	0.057	0.036	<2	<1
Q 3816. 1	06-23-03	<0.1	<0.01	--	<0.01	<0.005	<0.01	<0.005	<0.017	--	--
ALLEY CREEK	08-04-03	<0.1	<0.01	<3	<0.01	0.062	<0.01	<0.005	<0.017	M	<1
ALLEY POND SPRING	09-16-03	<0.1	<0.01	<3	<0.01	<0.005	<0.01	<0.005	<0.017	<2	<1
GABBLERS CREEK	08-04-03	<0.1	<0.01	<3	0.01	0.104	<0.01	<0.005	<0.017	M	<1

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES—Continued

MULTIPLE STATION ANALYSES

Local identifier	Date	Di-n-butyl phthalate, water, unfltrd ug/L (39110)	Di-n-octyl phthalate, water, unfltrd ug/L (34596)	Fipronil, water, fltrd, ug/L (62166)	Fluoranthene water unfltrd ug/L (34376)	Heptachlor epoxide water unfltrd ug/L (39420)	Hexachlorobenzene water unfltrd ug/L (39700)	Indeno-[1,2,-3-cd]-pyrene, water, unfltrd ug/L (34403)	Isophorone water unfltrd ug/L (34408)	Malathion, water, fltrd, ug/L (39532)	N-(4-Chlorophenyl)-N-'methylurea, ug/L (61692)
KINGS COUNTY											
K 1265. 2	06-26-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
K 2510. 1	08-26-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
K 2582. 1	07-14-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
K 3133. 1	08-20-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
K 3246. 2	06-24-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
K 3248. 1	08-08-03	<2	<2	E.006	M	<0.009	<2	<3	M	<0.027	<0.02
K 3251. 1	08-07-03	<2	M	<0.007	M	<0.009	M	<3	<2	<0.027	<0.02
K 3255. 2	06-26-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
K 3256. 2	07-01-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
K 3260. 2	08-01-03	<2	M	<0.007	M	<0.009	<2	<3	<2	<0.027	<0.02
K 3405. 1	07-14-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
K 3406. 1	07-10-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
K 3407. 1	07-31-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
K 3410. 1	06-25-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
K 3414. 1	08-26-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
K 3425. 1	06-25-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
K 3430. 1	07-01-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
QUEENS COUNTY											
Q 273. 1	09-11-03	<2	<2	<0.007	M	<0.009	M	M	<2	<0.027	<0.02
Q 277. 1	08-19-03	M	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
Q 470. 1	09-16-03	<2	<2	<0.007	M	<0.009	<2	M	<2	<0.027	<0.02
Q 1189. 1	08-13-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
Q 1472. 1	08-20-03	<2	M	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
Q 2418. 1	08-18-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
Q 2419. 1	08-18-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
Q 2420. 1	08-18-03	<2	<2	<0.007	M	<0.009	<2	<3	<2	<0.027	<0.02
Q 2791. 1	08-25-03	<2	<2	<0.007	<2	E.006	<2	<3	<2	<0.027	<0.02
Q 2814. 1	07-08-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
Q 2978. 1	08-25-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
Q 2994. 2	08-27-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
Q 3036. 1	08-13-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
Q 3112. 1	07-09-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
Q 3117. 1	07-09-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
Q 3162. 2	06-12-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
Q 3587. 1	08-05-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
Q 3589. 1	06-09-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
Q 3593. 1	07-30-03	--	--	--	--	<0.009	--	--	--	--	<0.02
Q 3604. 1	07-30-03	--	--	--	--	<0.009	--	--	--	--	<0.02
Q 3627. 1	08-12-03	<2	<2	<0.007	M	<0.009	<2	<3	<2	<0.027	<0.02
Q 3628. 1	08-12-03	<2	<2	<0.007	M	<0.009	<2	<3	<2	<0.027	<0.02
Q 3629. 1	08-12-03	<2	<2	<0.007	M	<0.009	<2	<3	<2	<0.027	<0.02
Q 3649. 1	08-05-03	--	--	<0.007	--	<0.009	--	--	--	<0.027	<0.02
Q 3658. 1	09-29-03	M	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	E.01
Q 3659. 1	09-29-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
Q 3804. 1	05-27-03	<2	<2	<0.007	<2	0.013	<2	<3	<2	<0.027	<0.02
Q 3806. 1	05-27-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
Q 3815. 1	06-23-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
Q 3816. 1	06-23-03	--	--	<0.007	--	<0.009	--	--	--	<0.027	<0.02
ALLEY CREEK	08-04-03	M	<2	<0.007	M	<0.009	<2	<3	<2	<0.027	<0.02
ALLEY POND SPRING	09-16-03	<2	<2	<0.007	<2	<0.009	<2	<3	<2	<0.027	<0.02
GABBLERS CREEK	08-04-03	M	M	E.052	M	<0.009	<2	<3	<2	0.030	<0.02

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES—Continued

MULTIPLE STATION ANALYSES

Local identifier	Date	N-NItroso-di-methyl-amine, wat unf ug/L (34438)	N-NItroso-di-phenyl-amine, wat unf ug/L (34433)	Penta-chloro-phenol, water, unfltrd ug/L (39032)	Phenan-threne, water, unfltrd ug/L (34461)	Pic-loram, water, fltrd 0.7u GF ug/L (49291)	Prome-ton, water, fltrd, ug/L (04037)	Pyrene, water, unfltrd ug/L (34469)	Siduron water, fltrd, ug/L (38548)	Sima-zine, water, fltrd, ug/L (04035)	Ter-buthyl-azine, water, fltrd, ug/L (04022)
KINGS COUNTY											
K 1265. 2	06-26-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
K 2510. 1	08-26-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	0.758	M
K 2582. 1	07-14-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
K 3133. 1	08-20-03	M	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
K 3246. 2	06-24-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
K 3248. 1	08-08-03	<3	M	M	M	<0.02	<0.01	M	<0.02	<0.005	<0.01
K 3251. 1	08-07-03	<3	M	<2	M	<0.02	E.01	M	<0.02	<0.005	<0.01
K 3255. 2	06-26-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.080	<0.01
K 3256. 2	07-01-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
K 3260. 2	08-01-03	<3	<2	<2	<2	<0.02	<0.01	M	<0.02	<0.005	<0.01
K 3405. 1	07-14-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
K 3406. 1	07-10-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
K 3407. 1	07-31-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
K 3410. 1	06-25-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
K 3414. 1	08-26-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
K 3425. 1	06-25-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
K 3430. 1	07-01-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
QUEENS COUNTY											
Q 273. 1	09-11-03	<3	M	<2	M	<0.02	<0.01	M	<0.02	<0.005	<0.01
Q 277. 1	08-19-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
Q 470. 1	09-16-03	<3	M	<2	M	<0.02	<0.01	M	<0.02	<0.005	<0.01
Q 1189. 1	08-13-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
Q 1472. 1	08-20-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
Q 2418. 1	08-18-03	<3	<2	<2	<2	<0.02	<0.01	<2	E.01	<0.005	<0.01
Q 2419. 1	08-18-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
Q 2420. 1	08-18-03	<3	<2	<2	<2	<0.02	<0.01	M	<0.02	<0.005	<0.01
Q 2791. 1	08-25-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
Q 2814. 1	07-08-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
Q 2978. 1	08-25-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
Q 2994. 2	08-27-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
Q 3036. 1	08-13-03	<3	M	<2	M	<0.02	<0.01	<2	<0.02	<0.005	<0.01
Q 3112. 1	07-09-03	<3	<2	<2	<2	<0.02	<0.01	<2	M	<0.005	<0.01
Q 3117. 1	07-09-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
Q 3162. 2	06-12-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
Q 3587. 1	08-05-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
Q 3589. 1	06-09-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
Q 3593. 1	07-30-03	--	--	--	--	<0.02	--	--	<0.02	--	--
Q 3604. 1	07-30-03	--	--	--	--	<0.02	--	--	<0.02	--	--
Q 3627. 1	08-12-03	<3	<2	<2	M	<0.02	<0.01	M	<0.02	<0.005	<0.01
Q 3628. 1	08-12-03	<3	<2	<2	<2	<0.02	<0.01	M	<0.02	<0.005	<0.01
Q 3629. 1	08-12-03	<3	<2	<2	<2	<0.02	<0.01	M	<0.02	<0.005	<0.01
Q 3649. 1	08-05-03	--	--	--	--	<0.02	<0.01	--	<0.02	<0.005	<0.01
Q 3658. 1	09-29-03	<3	<2	<2	<2	0.46	<0.01	<2	<0.02	<0.005	<0.01
Q 3659. 1	09-29-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
Q 3804. 1	05-27-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	0.055	<0.01
Q 3806. 1	05-27-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
Q 3815. 1	06-23-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
Q 3816. 1	06-23-03	--	--	--	--	<0.02	<0.01	--	<0.02	<0.005	<0.01
ALLEY CREEK	08-04-03	<3	<2	M	M	<0.02	E.01	M	<0.02	0.006	M
ALLEY POND SPRING	09-16-03	<3	<2	<2	<2	<0.02	<0.01	<2	<0.02	<0.005	<0.01
GABBLERS CREEK	08-04-03	<3	<2	M	M	<0.02	<0.01	M	<0.02	<0.005	<0.01

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES—Continued

MULTIPLE STATION ANALYSES

Local identifier	Date	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)	1,1,1,2 -Tetra-chloro-ethane, water, unfltrd ug/L (77562)	1,1,1- Tri-chloro-ethane, water, unfltrd ug/L (34506)	CFC-113 water unfltrd ug/L (77652)	1,1,2- Tri-chloro-ethane, water, unfltrd ug/L (34511)	1,1-Di-chloro-ethane, water unfltrd ug/L (34496)	1,1-Di-chloro-ethene, water, unfltrd ug/L (34501)	1,2,3,5 Tetra-methyl-benzene water unfltrd ug/L (50000)	1,2,3- Tri-chloro-benzene water unfltrd ug/L (77613)	1,2,3- Tri-chloro-propane water unfltrd ug/L (77443)
KINGS COUNTY											
K 1265. 2	06-26-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
K 2510. 1	08-26-03	<0.009	<0.03	<0.03	<0.06	<0.06	0.12	<0.04	<0.2	<0.3	<0.16
K 2582. 1	07-14-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
K 3133. 1	08-20-03	<0.009	<0.03	<0.03	<0.06	<0.06	E.03	<0.04	<0.2	<0.3	<0.16
K 3246. 2	06-24-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
K 3248. 1	08-08-03	<0.009	<0.03	E.01	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
K 3251. 1	08-07-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
K 3255. 2	06-26-03	<0.009	<0.03	E.01	<0.06	<0.06	E.03	E.02	<0.2	<0.3	<0.16
K 3256. 2	07-01-03	<0.009	<0.03	0.10	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
K 3260. 2	08-01-03	<0.009	<0.03	0.47	<0.06	E.06	1.16	1.13	<0.2	<0.3	<0.16
K 3405. 1	07-14-03	<0.009	<0.03	E.02	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
K 3406. 1	07-10-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
K 3407. 1	07-31-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
K 3410. 1	06-25-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
K 3414. 1	08-26-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
K 3425. 1	06-25-03	<0.009	E.02	E.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
K 3430. 1	07-01-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
QUEENS COUNTY											
Q 273. 1	09-11-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
Q 277. 1	08-19-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
Q 470. 1	09-16-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
Q 1189. 1	08-13-03	<0.009	<0.03	<0.03	<0.06	<0.06	E.02	<0.04	<0.2	<0.3	<0.16
Q 1472. 1	08-20-03	<0.009	<0.03	<0.03	<0.06	<0.06	E.04	<0.04	<0.2	<0.3	<0.16
Q 2418. 1	08-18-03	<0.009	--	--	--	--	--	--	--	--	--
Q 2419. 1	08-18-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
Q 2420. 1	08-18-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
Q 2791. 1	08-25-03	<0.009	--	--	--	--	--	--	--	--	--
Q 2814. 1	07-08-03	<0.009	<0.03	E.06	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
Q 2978. 1	08-25-03	<0.009	--	--	--	--	--	--	--	--	--
Q 2994. 2	08-27-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
Q 3036. 1	08-13-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
Q 3112. 1	07-09-03	E.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
Q 3117. 1	07-09-03	<0.009	<0.03	<0.03	<0.06	<0.06	E.05	<0.04	<0.2	E.1	<0.16
Q 3162. 2	06-12-03	<0.009	<0.03	E.04	<0.06	<0.06	0.15	<0.04	<0.2	E.1	<0.16
Q 3587. 1	08-05-03	<0.009	<0.03	E.02	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
Q 3589. 1	06-09-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
Q 3593. 1	07-30-03	--	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
Q 3604. 1	07-30-03	--	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
Q 3627. 1	08-12-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
Q 3628. 1	08-12-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
Q 3629. 1	08-12-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
Q 3649. 1	08-05-03	<0.009	<0.03	E.04	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
Q 3658. 1	09-29-03	<0.009	<0.03	E.02	<0.06	<0.06	E.03	<0.04	<0.2	<0.3	<0.16
Q 3659. 1	09-29-03	<0.009	<0.03	0.20	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
Q 3804. 1	05-27-03	<0.009	<0.03	E.03	0.29	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
Q 3806. 1	05-27-03	<0.009	<0.03	E.09	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	0.21
Q 3815. 1	06-23-03	<0.009	<0.03	0.21	<0.06	<0.06	<0.04	E.05	<0.2	<0.3	<0.16
Q 3816. 1	06-23-03	<0.009	<0.03	E.07	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
ALLEY CREEK	08-04-03	<0.009	<0.03	E.02	<0.06	<0.06	<0.04	<0.04	E.1	<0.3	<0.16
ALLEY POND SPRING	09-16-03	<0.009	<0.03	<0.03	<0.06	<0.06	<0.04	<0.04	<0.2	<0.3	<0.16
GABBLERS CREEK	08-04-03	0.010	<0.03	E.01	<0.06	<0.06	E.04	<0.04	<0.2	<0.3	<0.16

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES—Continued

MULTIPLE STATION ANALYSES

Local identifier	Date	1,2,3-Trimethylbenzene water unfltrd ug/L (77221)	1,2,4-Trichlorobenzene water unfltrd ug/L (34551)	1,2,4-Trimethylbenzene water unfltrd ug/L (77222)	1,2-Dichlorobenzene water unfltrd ug/L (34536)	1,2-Dichloroethane, water, unfltrd ug/L (32103)	1,2-Dichloropropane water unfltrd ug/L (34541)	1,3,5-Trimethylbenzene water unfltrd ug/L (77226)	1,3-Dichlorobenzene water unfltrd ug/L (34566)	1,4-Dichlorobenzene water unfltrd ug/L (34571)	2-Chlorotoluene water unfltrd ug/L (77275)
KINGS COUNTY											
K 1265. 2	06-26-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
K 2510. 1	08-26-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
K 2582. 1	07-14-03	M	<0.1	0.11	<0.03	<0.1	<0.03	E.04	<0.03	<0.05	<0.04
K 3133. 1	08-20-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
K 3246. 2	06-24-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
K 3248. 1	08-08-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
K 3251. 1	08-07-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
K 3255. 2	06-26-03	<0.1	<0.1	<0.06	3.68	<0.1	<0.03	<0.04	0.47	0.93	<0.04
K 3256. 2	07-01-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
K 3260. 2	08-01-03	<0.1	<0.1	<0.06	<0.03	E.1	<0.03	<0.04	<0.03	<0.05	<0.04
K 3405. 1	07-14-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
K 3406. 1	07-10-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
K 3407. 1	07-31-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
K 3410. 1	06-25-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
K 3414. 1	08-26-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
K 3425. 1	06-25-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
K 3430. 1	07-01-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
QUEENS COUNTY											
Q 273. 1	09-11-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
Q 277. 1	08-19-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
Q 470. 1	09-16-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
Q 1189. 1	08-13-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
Q 1472. 1	08-20-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
Q 2418. 1	08-18-03	--	--	--	--	--	--	--	--	--	--
Q 2419. 1	08-18-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
Q 2420. 1	08-18-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
Q 2791. 1	08-25-03	--	--	--	--	--	--	--	--	--	--
Q 2814. 1	07-08-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
Q 2978. 1	08-25-03	--	--	--	--	--	--	--	--	--	--
Q 2994. 2	08-27-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	E.02	<0.04
Q 3036. 1	08-13-03	<0.1	<0.1	E.05	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	1.01
Q 3112. 1	07-09-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
Q 3117. 1	07-09-03	<0.1	0.5	<0.06	0.25	<0.1	<0.03	<0.04	E.08	0.28	<0.04
Q 3162. 2	06-12-03	<0.1	E.1	<0.06	E.04	<0.1	<0.03	<0.04	<0.03	E.02	<0.04
Q 3587. 1	08-05-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
Q 3589. 1	06-09-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
Q 3593. 1	07-30-03	<0.1	<0.1	<0.06	<0.03	E.1	<0.03	<0.04	<0.03	<0.05	<0.04
Q 3604. 1	07-30-03	<0.1	<0.1	<0.06	<0.03	1.7	<0.03	<0.04	<0.03	<0.05	<0.04
Q 3627. 1	08-12-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
Q 3628. 1	08-12-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
Q 3629. 1	08-12-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
Q 3649. 1	08-05-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
Q 3658. 1	09-29-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	E.02	<0.04
Q 3659. 1	09-29-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
Q 3804. 1	05-27-03	<0.1	<0.1	<0.06	<0.03	<0.1	E.02	<0.04	<0.03	<0.05	<0.04
Q 3806. 1	05-27-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
Q 3815. 1	06-23-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
Q 3816. 1	06-23-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
ALLEY CREEK	08-04-03	0.2	<0.1	0.30	<0.03	<0.1	<0.03	0.18	<0.03	<0.05	<0.04
ALLEY POND SPRING	09-16-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04
GABBLERS CREEK	08-04-03	<0.1	<0.1	<0.06	<0.03	<0.1	<0.03	<0.04	<0.03	<0.05	<0.04

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES—Continued

MULTIPLE STATION ANALYSES

Local identifier	Date	2-Ethyltoluene water unfltrd ug/L (77220)	4-Chlorotoluene water unfltrd ug/L (77277)	4-Isopropyltoluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Benzene water unfltrd ug/L (34030)	Bromodichloromethane water unfltrd ug/L (32101)	Carbon disulfide water unfltrd ug/L (77041)	Chlorobenzene water unfltrd ug/L (34301)	cis-1,2-Dichloroethene, water, unfltrd ug/L (77093)	Dichlorodifluoromethane wat unf ug/L (34668)
KINGS COUNTY											
K 1265. 2	06-26-03	<0.06	<0.05	<0.12	<7	E.07	<0.05	<0.07	<0.03	10.8	<0.18
K 2510. 1	08-26-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
K 2582. 1	07-14-03	E.03	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
K 3133. 1	08-20-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	0.11	<0.18
K 3246. 2	06-24-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
K 3248. 1	08-08-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
K 3251. 1	08-07-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
K 3255. 2	06-26-03	<0.06	<0.05	<0.12	<7	E.02	<0.05	<0.07	E.04	0.17	<0.18
K 3256. 2	07-01-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
K 3260. 2	08-01-03	<0.06	<0.05	<0.12	<7	E.02	<0.05	<0.07	<0.03	25.5	<0.18
K 3405. 1	07-14-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
K 3406. 1	07-10-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	E.90
K 3407. 1	07-31-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
K 3410. 1	06-25-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
K 3414. 1	08-26-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
K 3425. 1	06-25-03	<0.06	<0.05	<0.12	<7	E.01	E.06	<0.07	<0.03	1.37	E.04
K 3430. 1	07-01-03	<0.06	<0.05	<0.12	<7	<0.04	E.04	<0.07	<0.03	<0.04	<0.18
QUEENS COUNTY											
Q 273. 1	09-11-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
Q 277. 1	08-19-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
Q 470. 1	09-16-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	0.56	<0.03	<0.04	<0.18
Q 1189. 1	08-13-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	0.14	E.09
Q 1472. 1	08-20-03	<0.06	<0.05	<0.12	<7	<0.04	E.05	<0.07	<0.03	1.36	E.49
Q 2418. 1	08-18-03	--	--	--	--	--	--	--	--	--	--
Q 2419. 1	08-18-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	E2.98
Q 2420. 1	08-18-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	E2.07
Q 2791. 1	08-25-03	--	--	--	--	--	--	--	--	--	--
Q 2814. 1	07-08-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	E.03	<0.18
Q 2978. 1	08-25-03	--	--	--	--	--	--	--	--	--	--
Q 2994. 2	08-27-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
Q 3036. 1	08-13-03	<0.06	0.12	<0.12	M	E.02	<0.05	E.09	0.70	E.09	<0.18
Q 3112. 1	07-09-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
Q 3117. 1	07-09-03	<0.06	<0.05	<0.12	<7	0.24	<0.05	<0.07	0.33	E.03	<0.18
Q 3162. 2	06-12-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
Q 3587. 1	08-05-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
Q 3589. 1	06-09-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
Q 3593. 1	07-30-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	E.02	<0.03	<0.04	<0.18
Q 3604. 1	07-30-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
Q 3627. 1	08-12-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
Q 3628. 1	08-12-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
Q 3629. 1	08-12-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
Q 3649. 1	08-05-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
Q 3658. 1	09-29-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
Q 3659. 1	09-29-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
Q 3804. 1	05-27-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	0.90	<0.18
Q 3806. 1	05-27-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
Q 3815. 1	06-23-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
Q 3816. 1	06-23-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
ALLEY CREEK	08-04-03	0.19	<0.05	E.02	E3	0.18	<0.05	<0.07	<0.03	<0.04	<0.18
ALLEY POND SPRING	09-16-03	<0.06	<0.05	<0.12	<7	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18
GABBLERS CREEK	08-04-03	<0.06	<0.05	E.04	E4	<0.04	<0.05	<0.07	<0.03	<0.04	<0.18

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES—Continued

MULTIPLE STATION ANALYSES

Local identifier	Date	Di-chloro-methane water unfltrd ug/L (34423)	Di-ethyl ether, water, unfltrd ug/L (81576)	Diiso-propyl ether, water, unfltrd ug/L (81577)	Ethyl-benzene water unfltrd ug/L (34371)	Iso-butyl methyl ketone, water, unfltrd ug/L (78133)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	n-propyl-benzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	Methyl t-butyl ether, water, unfltrd ug/L (78032)
KINGS COUNTY											
K 1265. 2	06-26-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	E.1
K 2510. 1	08-26-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	0.3
K 2582. 1	07-14-03	<0.2	<0.2	<0.10	E.04	<0.4	<0.08	E.14	E.01	E.08	E.1
K 3133. 1	08-20-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	E.1
K 3246. 2	06-24-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	<0.2
K 3248. 1	08-08-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	0.5
K 3251. 1	08-07-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	E.1
K 3255. 2	06-26-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	7.5
K 3256. 2	07-01-03	M	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	0.4
K 3260. 2	08-01-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	0.3
K 3405. 1	07-14-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	M
K 3406. 1	07-10-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	0.6
K 3407. 1	07-31-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	E.1
K 3410. 1	06-25-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	<0.2
K 3414. 1	08-26-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	<0.2
K 3425. 1	06-25-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	0.2
K 3430. 1	07-01-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	<0.2
QUEENS COUNTY											
Q 273. 1	09-11-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	<0.2
Q 277. 1	08-19-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	<0.2
Q 470. 1	09-16-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	<0.2
Q 1189. 1	08-13-03	<0.2	0.8	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	0.2
Q 1472. 1	08-20-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	0.3
Q 2418. 1	08-18-03	--	--	--	--	--	--	--	--	--	--
Q 2419. 1	08-18-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	E.1
Q 2420. 1	08-18-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	<0.2
Q 2791. 1	08-25-03	--	--	--	--	--	--	--	--	--	--
Q 2814. 1	07-08-03	<0.2	<0.2	<0.10	<0.03	<0.4	E.05	<0.06	<0.04	<0.07	3.6
Q 2978. 1	08-25-03	--	--	--	--	--	--	--	--	--	--
Q 2994. 2	08-27-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	1.4
Q 3036. 1	08-13-03	<0.2	<0.2	<0.10	0.16	<0.4	<0.08	1.70	<0.04	0.58	E.1
Q 3112. 1	07-09-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	<0.2
Q 3117. 1	07-09-03	<0.2	<0.2	E.04	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	E.1
Q 3162. 2	06-12-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	2.9
Q 3587. 1	08-05-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	E.1
Q 3589. 1	06-09-03	<0.2	<0.2	<0.13	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	M
Q 3593. 1	07-30-03	<0.2	E.1	1.11	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	<0.2
Q 3604. 1	07-30-03	<0.2	0.9	19.6	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	E.1
Q 3627. 1	08-12-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	E.1
Q 3628. 1	08-12-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	E.1
Q 3629. 1	08-12-03	<0.2	<0.2	<0.10	<0.03	<0.4	E.04	<0.06	<0.04	<0.07	6.7
Q 3649. 1	08-05-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	0.4
Q 3658. 1	09-29-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	0.2
Q 3659. 1	09-29-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	E.1
Q 3804. 1	05-27-03	<0.2	<0.2	<0.10	<0.03	<0.4	E.03	<0.06	<0.04	<0.07	2.3
Q 3806. 1	05-27-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	1.1
Q 3815. 1	06-23-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	E.1
Q 3816. 1	06-23-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	0.6
ALLEY CREEK	08-04-03	<0.2	<0.2	<0.10	E.08	<0.4	<0.08	1.48	<0.04	1.21	0.2
ALLEY POND SPRING	09-16-03	<0.2	<0.2	<0.10	<0.03	<0.4	<0.08	<0.06	<0.04	<0.07	<0.2
GABBLERS CREEK	08-04-03	<0.2	<0.2	<0.10	<0.03	E.5	0.11	<0.06	<0.04	<0.07	0.8

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES—Continued

MULTIPLE STATION ANALYSES

Local identifier	Date	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tetra-chloro-methane water unfltrd ug/L (32102)	Tetra-hydro-furan, water, unfltrd ug/L (81607)	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)	Tri-chloro-methane water unfltrd ug/L (32106)	Deu-terium/ Protium ratio, water, unfltrd per mil (82082)	O-18 / O-16 ratio, water, unfltrd per mil (82085)
					KINGS COUNTY					
K 1265. 2	06-26-03	39.5	<0.06	<2	E.07	13.6	<0.09	0.17	--	--
K 2510. 1	08-26-03	<0.03	<0.06	<2	<0.03	<0.04	<0.09	<0.02	--	--
K 2582. 1	07-14-03	<0.03	<0.06	<2	<0.03	<0.04	<0.09	0.72	--	--
K 3133. 1	08-20-03	0.14	<0.06	<2	E.05	E.09	<0.09	<0.02	--	--
K 3246. 2	06-24-03	0.27	<0.06	<2	<0.03	E.02	<0.09	5.74	--	--
K 3248. 1	08-08-03	0.25	<0.06	<2	<0.03	<0.04	<0.09	0.73	--	--
K 3251. 1	08-07-03	<0.03	<0.06	<2	<0.03	<0.04	<0.09	0.26	--	--
K 3255. 2	06-26-03	0.41	<0.06	<2	<0.03	0.51	<0.09	E.03	--	--
K 3256. 2	07-01-03	1.02	<0.06	<2	<0.03	0.36	<0.09	12.6	--	--
K 3260. 2	08-01-03	11.2	<0.06	<2	0.11	28.9	<0.09	0.56	--	--
K 3405. 1	07-14-03	<0.03	<0.06	<2	<0.03	<0.04	<0.09	E.05	--	--
K 3406. 1	07-10-03	<0.03	E.03	<2	<0.03	<0.04	<0.09	E.07	--	--
K 3407. 1	07-31-03	<0.03	<0.06	<2	<0.03	<0.04	<0.09	<0.02	--	--
K 3410. 1	06-25-03	<0.03	<0.06	<2	<0.03	<0.04	<0.09	<0.02	-43.30	-7.29
K 3414. 1	08-26-03	<0.03	<0.06	<2	<0.03	<0.04	<0.09	<0.02	--	--
K 3425. 1	06-25-03	18.0	0.37	<2	E.01	18.5	E.02	1.88	--	--
K 3430. 1	07-01-03	<0.03	<0.06	<2	<0.03	<0.04	<0.09	0.47	--	--
					QUEENS COUNTY					
Q 273. 1	09-11-03	<0.03	<0.06	<2	<0.03	<0.04	<0.09	<0.02	--	--
Q 277. 1	08-19-03	E.06	E.02	<2	<0.03	<0.04	<0.09	E.03	--	--
Q 470. 1	09-16-03	<0.03	<0.06	<2	<0.03	<0.04	<0.09	E.04	--	--
Q 1189. 1	08-13-03	E.07	<0.06	<2	<0.03	E.04	<0.09	<0.02	--	--
Q 1472. 1	08-20-03	3.39	E.02	<2	<0.03	0.24	1.62	0.73	--	--
Q 2418. 1	08-18-03	--	--	--	--	--	--	--	--	--
Q 2419. 1	08-18-03	<0.03	<0.06	<2	<0.03	<0.04	<0.09	<0.02	--	--
Q 2420. 1	08-18-03	<0.03	<0.06	<2	<0.03	<0.04	<0.09	<0.02	--	--
Q 2791. 1	08-25-03	--	--	--	--	--	--	--	--	--
Q 2814. 1	07-08-03	2.86	<0.06	<2	<0.03	E.06	<0.09	0.11	--	--
Q 2978. 1	08-25-03	--	--	--	--	--	--	--	--	--
Q 2994. 2	08-27-03	E.08	<0.06	<2	<0.03	<0.04	<0.09	18.1	--	--
Q 3036. 1	08-13-03	E.03	<0.06	<2	<0.03	<0.04	<0.09	<0.02	--	--
Q 3112. 1	07-09-03	<0.03	<0.06	<2	<0.03	<0.04	<0.09	<0.02	--	--
Q 3117. 1	07-09-03	<0.03	<0.06	M	<0.03	E.08	<0.09	<0.02	--	--
Q 3162. 2	06-12-03	0.16	<0.06	<2	<0.03	E.02	<0.09	E.08	--	--
Q 3587. 1	08-05-03	<0.03	0.31	<2	<0.03	<0.04	<0.09	4.90	--	--
Q 3589. 1	06-09-03	<0.03	<0.06	<2	<0.03	<0.04	<0.09	<0.02	--	--
Q 3593. 1	07-30-03	<0.03	<0.06	<2	<0.03	<0.04	<0.09	<0.02	--	--
Q 3604. 1	07-30-03	<0.03	<0.06	<2	<0.03	<0.04	<0.09	<0.02	--	--
Q 3627. 1	08-12-03	<0.03	<0.06	<2	<0.03	<0.04	<0.09	<0.02	--	--
Q 3628. 1	08-12-03	<0.03	<0.06	<2	<0.03	<0.04	<0.09	<0.02	--	--
Q 3629. 1	08-12-03	<0.03	<0.06	<2	<0.03	<0.04	<0.09	E.02	--	--
Q 3649. 1	08-05-03	<0.03	0.31	<2	<0.03	<0.04	<0.09	5.34	--	--
Q 3658. 1	09-29-03	E.04	<0.06	<2	<0.03	<0.04	E.08	0.13	--	--
Q 3659. 1	09-29-03	4.71	E.02	<2	<0.03	0.20	<0.09	E.03	--	--
Q 3804. 1	05-27-03	0.55	<0.06	<2	<0.03	0.52	<0.09	0.36	--	--
Q 3806. 1	05-27-03	0.55	E.04	<2	<0.03	0.95	<0.09	0.22	--	--
Q 3815. 1	06-23-03	0.11	1.18	<2	<0.03	E.03	<0.09	0.35	--	--
Q 3816. 1	06-23-03	0.63	<0.06	<2	<0.03	<0.04	<0.09	0.21	--	--
ALLEY CREEK	08-04-03	0.13	<0.06	<2	<0.03	0.50	<0.09	E.08	--	--
ALLEY POND SPRING	09-16-03	<0.03	0.13	<2	<0.03	E.08	<0.09	E.05	--	--
GABBLERS CREEK	08-04-03	0.64	<0.06	<2	<0.03	<0.04	<0.09	E.06	--	--

Remark codes used in this table:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES
Manhasset Neck Peninsula Aquifer Study

MULTIPLE STATION ANALYSES

Local identifier	Lat-i-tude	Long-i-tude	Date	Time	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf lab, uS/cm 25 degC (90095)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Chlor-ide, water, fltrd, mg/L (00940)
NASSAU COUNTY										
N 12232. 1	40 50 10 N	073 41 50 W	05-02-03	1145	3.8	6.7	677	671	13.6	165
N 12318. 1	40 51 21 N	073 43 21 W	04-29-03	1120	4.0	7.7	664	668	12.6	161
N 12508. 1	40 49 43 N	073 41 47 W	05-06-03	1110	3.3	5.9	2,740	2,950	13.5	814
N 12522. 1	40 49 43 N	073 39 26 W	05-08-03	0915	6.6	5.9	E24200	25,800	13.5	9,440
N 12793. 1	40 49 21 N	073 41 54 W	05-01-03	1200	6.7	6.4	427	442	13.4	114

MULTIPLE STATION ANALYSES

Local identifier	Date	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)
NASSAU COUNTY				
N 12232. 1	05-02-03	<0.04	<0.06	<0.02
N 12318. 1	04-29-03	0.07	E.03	0.12
N 12508. 1	05-06-03	<0.04	0.13	<0.02
N 12522. 1	05-08-03	<0.04	0.96	<0.02
N 12793. 1	05-01-03	0.04	0.14	<0.02

Remark codes used in this table:
< -- Less than
E -- Estimated value

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES
New York State Pesticide Monitoring Program

MULTIPLE STATION ANALYSES

Local identifier	Lat-i-tude	Long-i-tude	Date	Time	Depth of well, feet below LSD (72008)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	CEAT, water, fltrd, ug/L (04038)	Atra-zine, water, fltrd, ug/L (39632)
				NASSAU COUNTY						
N 5155. 1	40 42 38 N	073 42 03 W	01-15-03	0830	90.	5.8	117	13.9	--	0.009
	40 42 38 N	073 42 03 W	01-15-03	0831	90.	5.8	117	13.9	M	E.004
	40 42 38 N	073 42 03 W	07-07-03	0900	90.	5.8	210	15.2	--	E.010
	40 42 38 N	073 42 03 W	07-07-03	0901	90.	5.8	210	15.2	M	E.005
	40 42 38 N	073 42 03 W	07-16-03	1100	90.	5.9	218	15.3	E.01	0.009

MULTIPLE STATION ANALYSES

Local identifier	Date	Diel-drin, water, fltrd, ug/L (39381)	Sima-zine, water, fltrd, ug/L (04035)
	NASSAU COUNTY		
N 5155. 1	01-15-03	0.064	0.059
	01-15-03	--	--
	07-07-03	E.067	E.032
	07-07-03	--	--
	07-16-03	0.048	0.027

Remark codes used in this table:
E -- Estimated value
M -- Presence verified, not quantified

ANALYSIS OF SAMPLES COLLECTED AT MISCELLANEOUS WATER-QUALITY SITES
Wastewater Compounds in Ground Water, Suffolk County

MULTIPLE STATION ANALYSES

Local identifier	Lat-i-tude	Long-i-tude	Date	Time	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	Meta-laxyl, water, fltrd, ug/L (50359)
SUFFOLK COUNTY										
S 11810. 1	40 50 46 N	073 12 02 W	01-14-03	0910	2.5	6.0	51	10.9	<0.5	<0.5
S 14710. 1	40 45 53 N	072 56 18 W	10-10-02	0940	7.2	5.6	164	11.8	<0.5	<0.5
S 16175. 1	40 45 34 N	073 16 31 W	11-26-02	1005	7.9	5.0	205	12.2	<0.5	<0.5
S 16892. 1	40 49 47 N	072 40 59 W	11-14-02	1025	10.2	5.6	112	11.9	<0.5	<0.5
S 17037. 1	40 49 52 N	072 58 36 W	01-30-03	0945	--	5.7	150	11.6	<0.5	<0.5
S 22362. 1	40 49 57 N	073 17 04 W	11-26-02	0915	9.2	5.9	153	11.3	<0.5	<0.5
S 27070. 1	40 51 34 N	073 23 58 W	12-10-02	0920	--	6.3	118	10.3	<0.5	<0.5
S 29492. 1	40 49 16 N	073 03 32 W	10-29-02	1055	9.4	5.5	176	12.1	<0.5	<0.5
S 30117. 1	40 49 12 N	073 10 01 W	10-29-02	1020	6.4	5.7	186	12.0	M	<0.5
S 31913. 1	40 46 17 N	073 03 55 W	10-01-02	1040	7.9	5.6	216	12.8	<0.5	<0.5
S 37963. 1	40 44 27 N	073 07 32 W	10-01-02	0950	5.1	6.1	58	12.7	<0.5	<0.5
S 52126. 1	40 46 12 N	073 05 50 W	01-06-03	0900	5.0	6.0	211	12.8	M	<0.5
S 53074. 1	40 47 57 N	073 02 44 W	10-10-02	1050	--	5.7	178	11.9	<0.5	<0.5
S 63256. 1	40 49 50 N	073 00 15 W	11-07-02	1025	9.7	5.9	180	11.8	<0.5	E.1
S 66184. 1	40 47 22 N	073 03 05 W	12-10-02	1040	2.2	5.9	70	10.4	<0.5	<0.5
S 69364. 1	40 45 51 N	072 56 16 W	01-23-03	0930	2.2	6.7	104	11.2	<0.5	<0.5
S 73492. 1	40 45 24 N	073 04 48 W	10-01-02	0950	4.4	6.1	49	12.0	<0.5	<0.5
S103519. 1	40 51 27 N	073 07 21 W	01-16-03	0930	6.1	5.5	188	11.7	<0.5	<0.5
S107894. 1	40 47 38 N	072 56 28 W	11-07-02	0945	10.0	5.7	196	12.0	<0.5	<0.5

MULTIPLE STATION ANALYSES

Local identifier	Date	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tri-phenyl phos-phate, water, fltrd, ug/L (62092)	Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)
SUFFOLK COUNTY						
S 11810. 1	01-14-03	<0.5	<0.5	<0.5	<0.5	<0.5
S 14710. 1	10-10-02	E.1	<0.5	<0.5	<0.5	<0.5
S 16175. 1	11-26-02	E.1	<0.5	<0.5	<0.5	M
S 16892. 1	11-14-02	M	M	<0.5	<0.5	<0.5
S 17037. 1	01-30-03	<0.5	<0.5	<0.5	<0.5	<0.5
S 22362. 1	11-26-02	E1.7	<0.5	<0.5	<0.5	<0.5
S 27070. 1	12-10-02	E.2	<0.5	<0.5	<0.5	<0.5
S 29492. 1	10-29-02	<0.5	<0.5	<0.5	M	<0.5
S 30117. 1	10-29-02	E.1	<0.5	<0.5	<0.5	<0.5
S 31913. 1	10-01-02	E.2	<0.5	M	<0.5	<0.5
S 37963. 1	10-01-02	<0.5	<0.5	<0.5	<0.5	<0.5
S 52126. 1	01-06-03	E.3	<0.5	<0.5	M	<0.5
S 53074. 1	10-10-02	E.1	<0.5	<0.5	<0.5	<0.5
S 63256. 1	11-07-02	<0.5	<0.5	<0.5	M	<0.5
S 66184. 1	12-10-02	<0.5	<0.5	<0.5	<0.5	<0.5
S 69364. 1	01-23-03	<0.5	E.1	<0.5	<0.5	<0.5
S 73492. 1	10-01-02	<0.5	<0.5	<0.5	<0.5	<0.5
S103519. 1	01-16-03	E.1	<0.5	<0.5	M	<0.5
S107894. 1	11-07-02	<0.5	<0.5	<0.5	M	<0.5

Remark codes used in this table:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified