01304655 LONG POND NEAR SAG HARBOR, NY

Long Island Basin
Southern Long Island Subbasin

LOCATION.--Lat 40°58′20″, long 72°17′39″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, on southern shore at Town of Southampton boat launch in Long Pond Park, near Sag Harbor.

SURFACE-WATER RECORDS

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 Precipitation records for August 2001 to current year at site 1.4 mi north- northeast are unpublished and available in files of the Geological Survey.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

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 14.23 ft, Oct. 15, 2005; minimum, 11.27 ft, Aug. 27, 28, 29, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 14.23 ft, Oct. 15; minimum, 12.65 ft, Oct. 7.

01304655 LONG POND NEAR SAG HARBOR, NY—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12.71	13.59	13.65	13.58	13.72	13.65	13.64	13.46	13.51	13.71	13.53	13.70
2	12.70	13.58	13.62	13.57	13.71	13.66	13.64	13.46	13.51	13.68	13.52	13.69
3	12.69	13.55	13.59	13.70	13.75	13.68	13.64	13.50	13.57	13.66	13.51	13.71
4	12.68	13.54	13.59	13.69	13.78	13.67	13.65	13.51	13.59	13.65	13.51	13.69
5	12.67	13.54	13.58	13.68	13.84	13.66	13.66	13.50	13.57	13.69	13.50	13.67
6	12.66	13.53	13.59	13.66	13.81	13.66	13.65	13.48	13.56	13.82	13.49	13.68
7	12.66	13.52	13.57	13.65	13.79	13.65	13.64	13.47	13.68	13.79	13.48	13.66
8	12.68	13.51	13.55	13.64	13.77	13.65	13.68	13.46	13.69	13.75	13.47	13.64
9	12.72	13.50	13.61	13.63	13.76	13.65	13.70	13.47	13.66	13.72	13.46	13.62
10	12.74	13.57	13.61	13.61	13.75	13.65	13.69	13.50	13.68	13.70	13.46	13.60
11	12.82	13.55	13.60	13.61	13.74	13.65	13.67	13.49	13.65	13.68	13.45	13.58
12	13.05	13.53	13.59	13.62	13.79	13.66	13.66	13.65	13.62	13.67	13.44	13.56
13	13.32	13.51	13.57	13.61	13.78	13.67	13.65	13.74	13.61	13.70	13.43	13.55
14	13.79	13.50	13.55	13.63	13.77	13.67	13.65	13.70	13.59	13.68	13.43	13.55
15	14.13	13.49	13.54	13.69	13.76	13.66	13.66	13.70	13.59	13.66	13.45	13.76
16	14.02	13.49	13.62	13.66	13.75	13.65	13.62	13.72	13.58	13.64	13.46	13.93
17	13.93	13.52	13.62	13.65	13.75	13.65	13.59	13.70	13.57	13.62	13.45	13.89
18	13.86	13.50	13.61	13.71	13.74	13.64	13.56	13.67	13.55	13.61	13.44	13.85
19	13.80	13.48	13.59	13.74	13.72	13.64	13.54	13.67	13.54	13.62	13.44	13.83
20	13.75	13.47	13.58	13.72	13.71	13.64	13.52	13.65	13.53	13.62	13.51	13.81
21	13.71	13.47	13.57	13.71	13.70	13.64	13.50	13.63	13.52	13.62	13.50	13.77
22	13.69	13.70	13.56	13.69	13.69	13.64	13.48	13.60	13.51	13.62	13.48	13.74
23	13.69	13.69	13.55	13.75	13.70	13.64	13.54	13.58	13.51	13.62	13.47	13.73
24	13.66	13.69	13.54	13.75	13.69	13.65	13.59	13.57	13.78	13.60	13.47	13.72
25	13.79	13.66	13.54	13.75	13.68	13.66	13.56	13.55	13.95	13.59	13.49	13.71
26	13.76	13.64	13.58	13.73	13.67	13.65	13.54	13.55	13.89	13.58	13.49	13.69
27	13.72	13.62	13.56	13.71	13.66	13.65	13.52	13.55	13.83	13.57	13.53	13.68
28	13.68	13.60	13.55	13.71	13.66	13.65	13.50	13.54	13.80	13.57	13.73	13.66
29	13.65	13.59	13.57	13.71	---	13.65	13.48	13.53	13.78	13.56	13.76	13.66
30	13.63	13.64	13.57	13.72	---	13.64	13.47	13.52	13.74	13.55	13.78	13.64
31	13.61	---	13.57	13.73	---	13.64	---	13.51	---	13.54	13.73	---
Mean	13.35	13.56	13.58	13.68	13.74	13.65	13.60	13.57	13.64	13.65	13.51	13.70
Max	14.13	13.70	13.65	13.75	13.84	13.68	13.70	13.74	13.95	13.82	13.78	13.93
Min	12.66	13.47	13.54	13.57	13.66	13.64	13.47	13.46	13.51	13.54	13.43	13.55
Med	13.65	13.54	13.58	13.69	13.74	13.65	13.63	13.55	13.59	13.64	13.48	13.69

	Calendar Year 2005	Water Year 2006
Mean	13.32	13.60
Max	14.13	14.13
Min	12.66	12.66
Med	13.36	13.64

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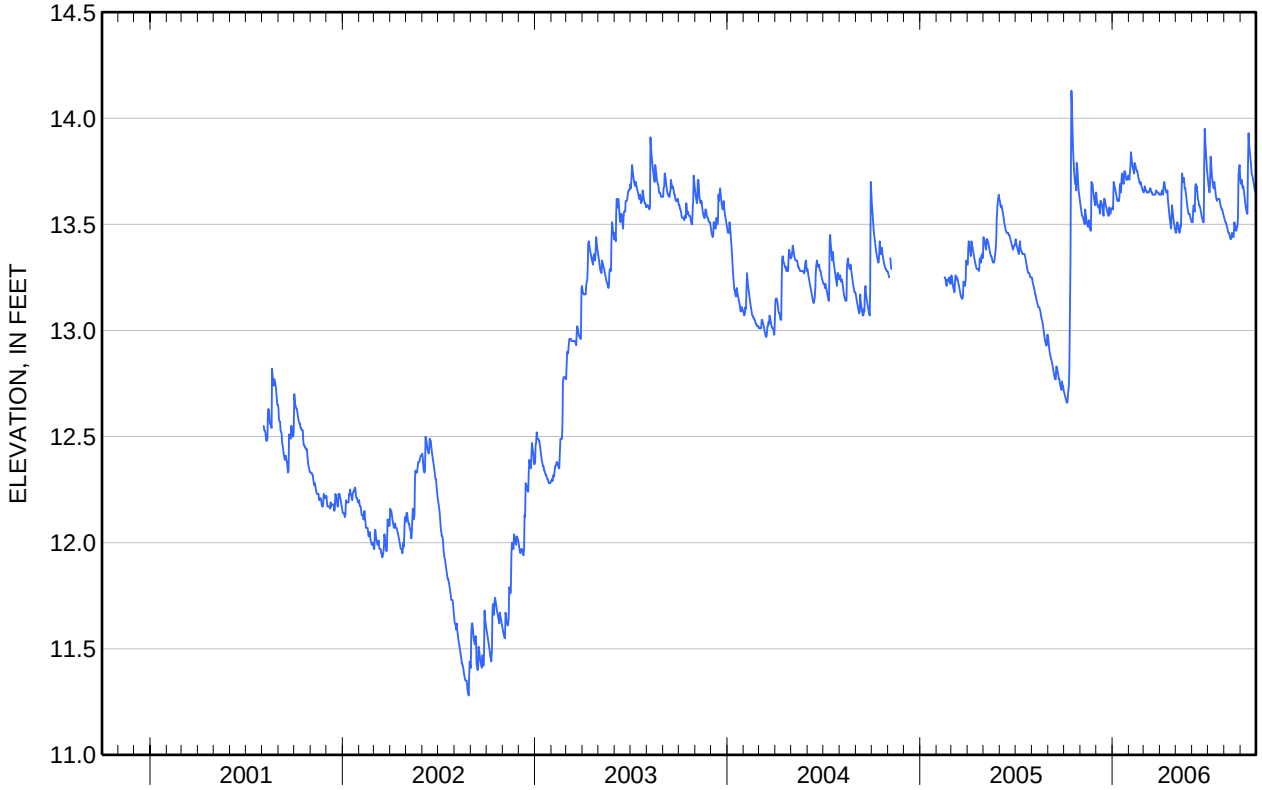

WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	DepthTo bottom at sample location, feet (81903)	Sampling depth, feet (00003)	Transparency water in situ secchi disc feet (49701)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)
Jul													
14...	0915	7.70	5.00	4.8	3.0	6.3	139	31.0	22.5	5.97	2.40	.58	8.37

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 2

[Remark codes: <, less than.]

Date	Chloride, water, fltrd, mg/L (00940)	Fluoride, 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)	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)	Orthophosphate, water, fltrd, mg/L as P (00671)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)
Jul											
14...	11.1	<.10	9.36	5.47	74	.011	<.06	<.002	.009	691	224

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

Date	Time	Sampling depth, feet (00003)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
Jul						
14...	0849	.50	7.4	6.0	93	25.1
14...	0850	1.00	7.8	6.3	92	24.3
14...	0851	2.00	7.5	6.5	95	24.1
14...	0852	3.00	1.9	6.2	115	22.9
14...	0853	4.00	4.9	6.4	96	23.9
14...	0854	5.00	3.0	6.3	139	22.5
14...	0855	6.00	1.0	6.4	173	21.2
14...	0856	7.00	<1.0	6.7	266	20.2
14...	0857	8.00	<1.0	6.9	231	20.5