

Water-Data Report 2011

**01304057 FLAX POND AT OLD FIELD, NY**

Long Island Basin  
Northern Long Island Subbasin

LOCATION.--Lat 40°57'46.3", long 73°08'35.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201, on foot bridge in Flax Pond State Tidal Wetlands, in Old Field.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--December 2007 to current year.

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

REMARKS.--Records good, except those for Oct. 22-25, Apr. 3-17, and June 8 to Sept. 30, which are fair; and those estimated from reconstructed graph for Apr. 18-22, which are poor. Satellite elevation telemeter at station discontinued Apr. 18 to Sept. 30, 2011.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 8.87 ft, Aug. 28, 2011; minimum elevation, -0.12 ft, Mar. 21, 2008.

EXTREMES OUTSIDE PERIOD OF RECORD.--Storm tide of Dec. 11, 1992, reached an elevation of 9.9 ft, from high-water mark at site 1.1 mi southeast.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 8.87 ft, Aug. 28; minimum elevation, 0.15 ft, Jan. 13.

## 01304057 FLAX POND AT OLD FIELD, NY—Continued

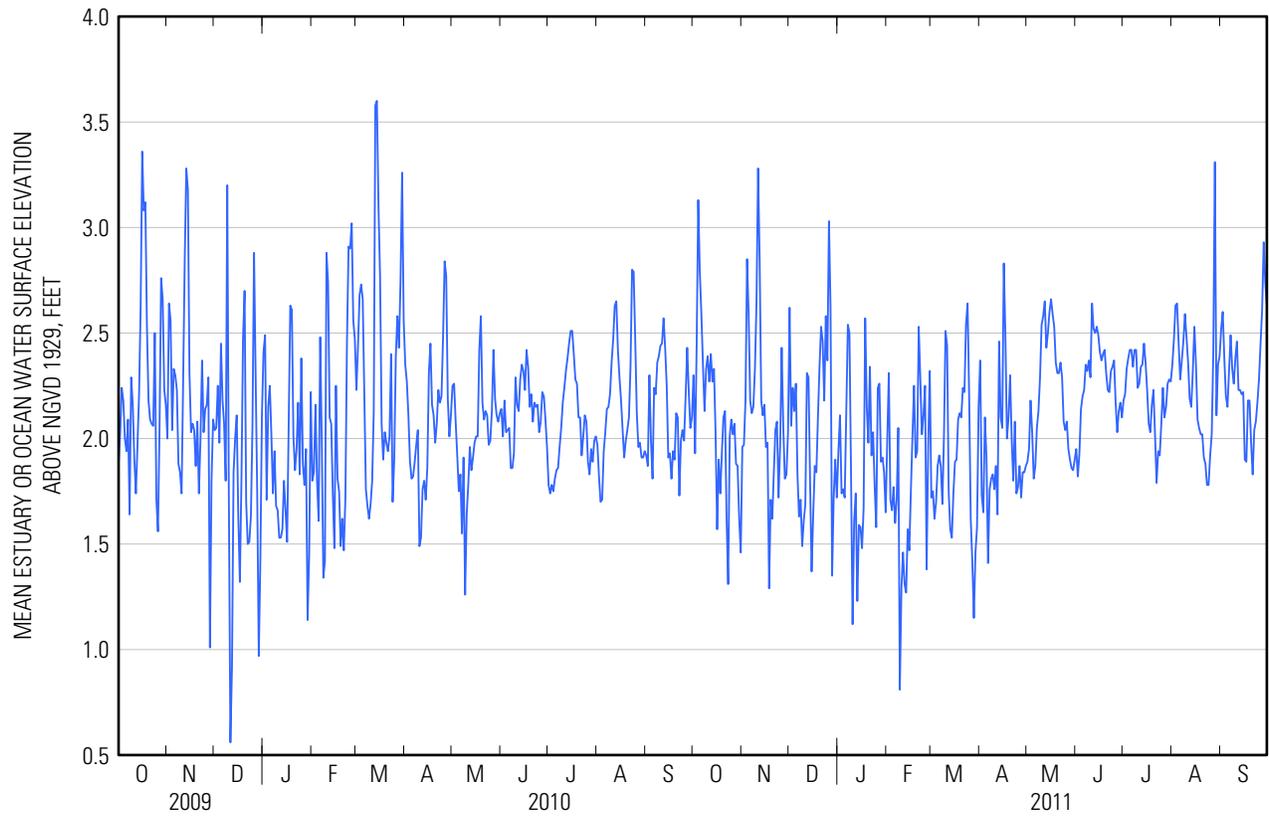
**ESTUARY OR OCEAN WATER SURFACE ELEVATION ABOVE NGVD 1929, FEET**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**  
**DAILY MEAN VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.30	1.96	2.62	1.94	1.99	1.72	2.37	1.89	1.95	2.18	2.35	2.52
2	1.93	1.97	2.06	2.11	2.31	1.75	1.73	1.95	1.82	2.21	2.47	2.60
3	2.44	2.18	2.24	1.74	1.71	1.62	1.65	2.18	1.93	2.33	2.63	2.38
4	3.13	2.85	2.13	1.76	1.66	1.70	2.10	2.03	2.14	2.38	2.64	2.20
5	2.79	2.59	2.26	1.72	1.77	1.87	1.91	1.81	2.20	2.42	2.45	2.15
6	2.59	2.18	1.83	2.13	1.60	1.92	1.41	1.87	2.23	2.42	2.28	2.32
7	2.35	2.12	1.63	2.54	1.71	1.87	1.76	2.05	2.35	2.34	2.37	2.49
8	2.13	2.15	1.71	2.50	2.05	1.69	1.81	2.13	2.32	2.42	2.46	2.33
9	2.33	2.33	1.49	1.84	0.81	2.01	1.83	2.29	2.37	2.42	2.59	2.26
10	2.39	2.65	1.61	1.12	1.29	2.51	1.76	2.54	2.29	2.24	2.48	2.38
11	2.27	3.28	1.69	1.61	1.46	2.44	1.87	2.58	2.64	2.26	2.36	2.46
12	2.40	2.84	2.31	1.74	1.31	1.75	1.64	2.65	2.52	2.34	2.19	2.23
13	2.27	2.18	2.29	1.23	1.27	1.57	2.46	2.43	2.50	2.35	2.15	2.23
14	2.33	2.11	1.80	1.59	1.57	1.53	2.10	2.50	2.53	2.45	2.32	2.21
15	2.03	2.16	1.37	1.58	1.47	1.74	2.05	2.60	2.49	2.36	2.53	2.22
16	1.57	1.96	1.64	1.48	1.75	1.89	2.83	2.66	2.41	2.23	2.35	1.90
17	1.90	1.98	1.87	1.67	2.01	1.90	2.49	2.59	2.37	2.07	2.09	1.89
18	1.74	1.29	1.84	2.57	2.25	2.09	e2.0	2.53	2.40	2.03	2.05	2.18
19	1.93	1.71	2.10	2.15	1.91	2.12	e2.1	2.36	2.42	2.16	2.02	2.18
20	2.10	1.62	2.34	1.98	1.94	2.10	e2.3	2.31	2.31	2.23	2.02	1.98
21	2.13	1.84	2.53	2.34	2.53	2.24	e2.0	2.31	2.23	2.02	1.91	1.83
22	1.62	2.04	2.46	1.92	2.28	2.22	e1.8	2.36	2.22	1.79	1.88	2.04
23	1.31	2.08	2.18	2.03	2.02	2.54	2.08	2.29	2.32	1.94	1.78	2.08
24	2.01	1.72	2.58	1.78	2.11	2.64	1.74	2.08	2.34	1.92	1.78	2.17
25	2.09	1.97	2.37	1.58	2.25	2.20	1.77	2.04	2.37	2.07	1.92	2.28
26	2.02	2.43	3.03	2.24	1.38	1.62	1.87	2.08	2.17	2.24	2.02	2.45
27	2.07	2.05	2.62	2.26	1.96	1.42	1.72	1.95	2.03	2.10	2.41	2.61
28	1.88	1.81	1.35	1.89	2.32	1.15	1.84	1.90	2.13	2.15	3.31	2.93
29	1.87	1.83	1.72	1.91	---	1.46	1.84	1.86	2.17	2.26	2.11	2.74
30	1.62	2.03	1.90	1.84	---	1.58	1.87	1.85	2.10	2.28	2.35	2.63
31	1.46	---	1.72	1.65	---	2.15	---	1.90	---	2.27	2.39	---
<b>Mean</b>	2.10	2.13	2.04	1.89	1.81	1.90	1.96	2.21	2.28	2.22	2.28	2.30
<b>Max</b>	3.13	3.28	3.03	2.57	2.53	2.64	2.83	2.66	2.64	2.45	3.31	2.93
<b>Min</b>	1.31	1.29	1.35	1.12	0.81	1.15	1.41	1.81	1.82	1.79	1.78	1.83

	Calendar Year 2010	Water Year 2011
<b>Mean</b>	2.10	2.09
<b>Max</b>	3.60	3.31
<b>Min</b>	1.14	0.81

01304057 FLAX POND AT OLD FIELD, NY—Continued



## 01304057 FLAX POND AT OLD FIELD, NY—Continued

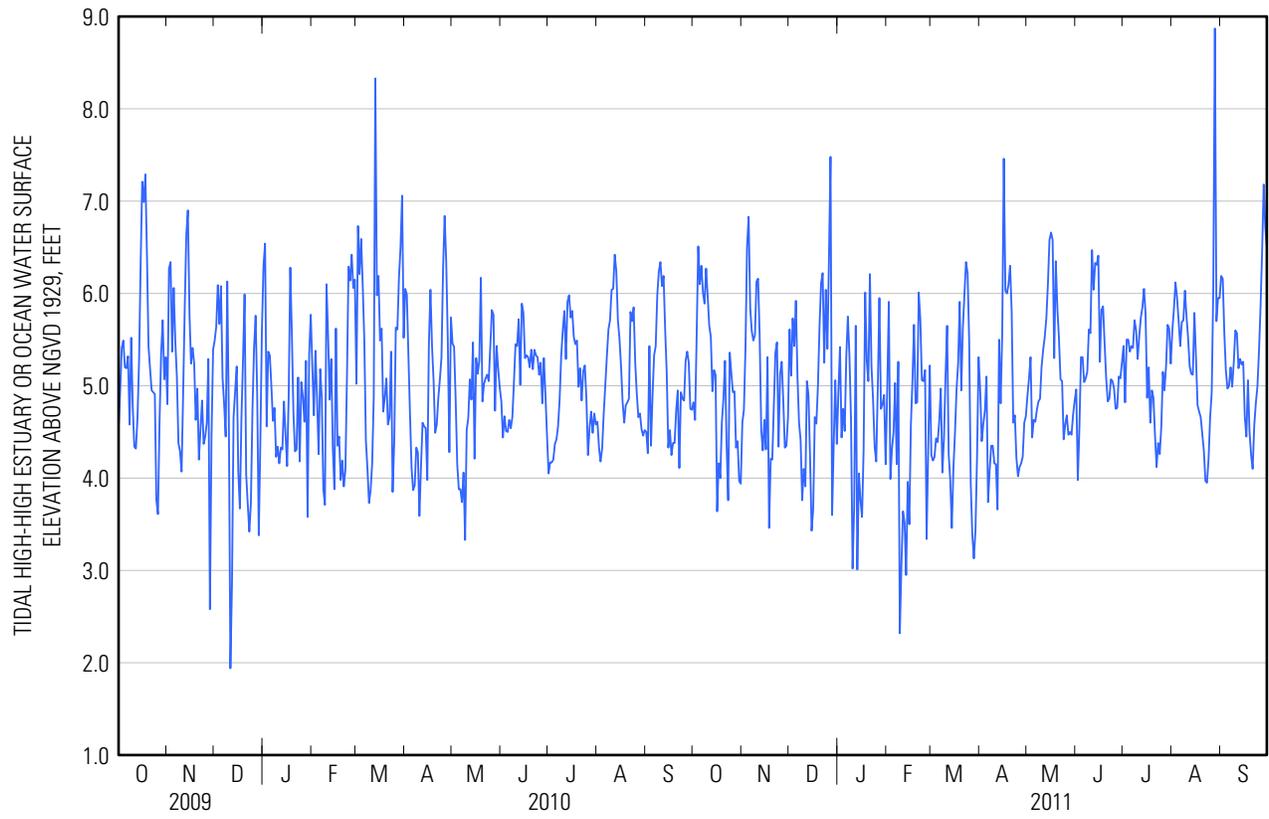
**ESTUARY OR OCEAN WATER SURFACE ELEVATION ABOVE NGVD 1929, FEET**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**  
**DAILY TIDAL HIGH-HIGH VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.82	4.60	5.61	4.94	4.97	4.25	4.96	4.89	4.96	5.43	5.60	6.19
2	4.63	4.74	5.11	5.42	5.91	4.19	4.40	5.08	3.98	4.82	5.83	6.16
3	5.54	5.41	5.73	4.44	3.99	4.23	4.59	5.31	4.55	5.50	6.12	5.57
4	6.51	6.51	5.43	4.75	4.32	4.43	4.73	4.44	5.31	5.50	5.95	5.16
5	6.10	6.83	5.92	4.51	4.49	4.39	5.10	4.63	5.31	5.37	5.70	4.97
6	6.30	5.84	5.10	5.32	5.03	4.61	3.74	4.61	5.04	5.43	5.43	5.00
7	6.01	5.59	4.60	5.75	4.15	4.97	4.08	4.74	5.08	5.41	5.69	5.20
8	5.89	5.49	4.41	5.33	5.26	4.06	4.35	4.83	5.15	5.71	5.71	4.99
9	6.27	5.55	3.76	4.63	2.32	4.43	4.35	4.86	5.61	5.60	6.03	5.25
10	5.97	6.13	4.10	3.02	3.06	5.10	4.16	5.21	5.57	5.29	5.75	5.60
11	5.65	6.16	3.91	3.69	3.64	5.65	4.15	5.39	6.47	5.54	5.52	5.57
12	5.53	5.54	5.05	5.65	3.52	4.26	3.66	5.53	6.04	5.74	5.21	5.19
13	4.94	4.52	4.90	3.01	2.95	3.98	5.50	5.73	6.33	5.85	5.13	5.29
14	5.17	4.30	4.22	4.05	3.96	3.46	4.81	6.10	6.31	6.05	5.12	5.23
15	5.12	4.63	3.43	3.76	3.50	4.10	5.57	6.58	6.41	5.78	5.79	5.26
16	3.64	4.31	3.67	3.58	4.57	4.49	7.46	6.66	5.26	4.87	5.31	4.66
17	4.16	5.31	4.66	4.31	5.05	4.96	6.03	6.58	5.82	5.20	4.79	4.45
18	4.00	3.46	4.59	6.01	5.66	5.24	e6.0	5.30	5.86	4.60	4.72	5.06
19	4.60	4.21	5.00	5.27	4.81	5.91	e6.1	6.35	5.46	4.95	4.66	4.50
20	4.86	4.20	5.64	5.05	4.82	4.95	e6.3	5.84	5.08	4.87	4.48	4.25
21	5.27	4.78	6.11	6.21	6.01	5.63	e5.8	5.52	4.83	4.46	4.30	4.10
22	4.37	5.36	6.22	5.21	5.72	5.99	e4.6	5.07	4.86	4.12	3.97	4.57
23	3.76	5.47	5.25	4.85	5.06	6.34	4.68	5.05	5.07	4.38	3.95	4.81
24	5.36	4.34	6.04	4.34	5.05	6.22	4.22	4.42	5.05	4.26	4.21	4.99
25	5.14	5.13	5.40	4.18	5.17	5.50	4.02	4.58	4.97	4.56	4.66	5.37
26	4.93	5.26	6.37	4.98	3.34	3.95	4.12	4.68	4.75	5.15	4.93	5.86
27	4.94	4.83	7.48	5.95	4.30	3.39	4.16	4.47	4.76	4.95	6.07	6.46
28	4.33	4.33	3.60	4.75	5.22	3.13	4.23	4.50	5.10	5.21	8.87	7.18
29	4.40	4.35	4.35	4.80	---	3.43	4.60	4.47	5.08	5.66	5.70	6.72
30	3.97	4.66	5.06	4.90	---	4.22	4.67	4.69	5.25	5.62	5.95	6.50
31	3.94	---	4.37	4.15	---	5.31	---	4.84	---	5.24	5.95	---
<b>Mean</b>	5.04	5.06	5.00	4.74	4.49	4.67	4.84	5.19	5.31	5.20	5.39	5.34
<b>Max</b>	6.51	6.83	7.48	6.21	6.01	6.34	7.46	6.66	6.47	6.05	8.87	7.18
<b>Min</b>	3.64	3.46	3.43	3.01	2.32	3.13	3.66	4.42	3.98	4.12	3.95	4.10

	Calendar Year 2010	Water Year 2011
<b>Mean</b>	5.04	5.03
<b>Max</b>	8.33	8.87
<b>Min</b>	3.33	2.32

01304057 FLAX POND AT OLD FIELD, NY—Continued



## 01304057 FLAX POND AT OLD FIELD, NY—Continued

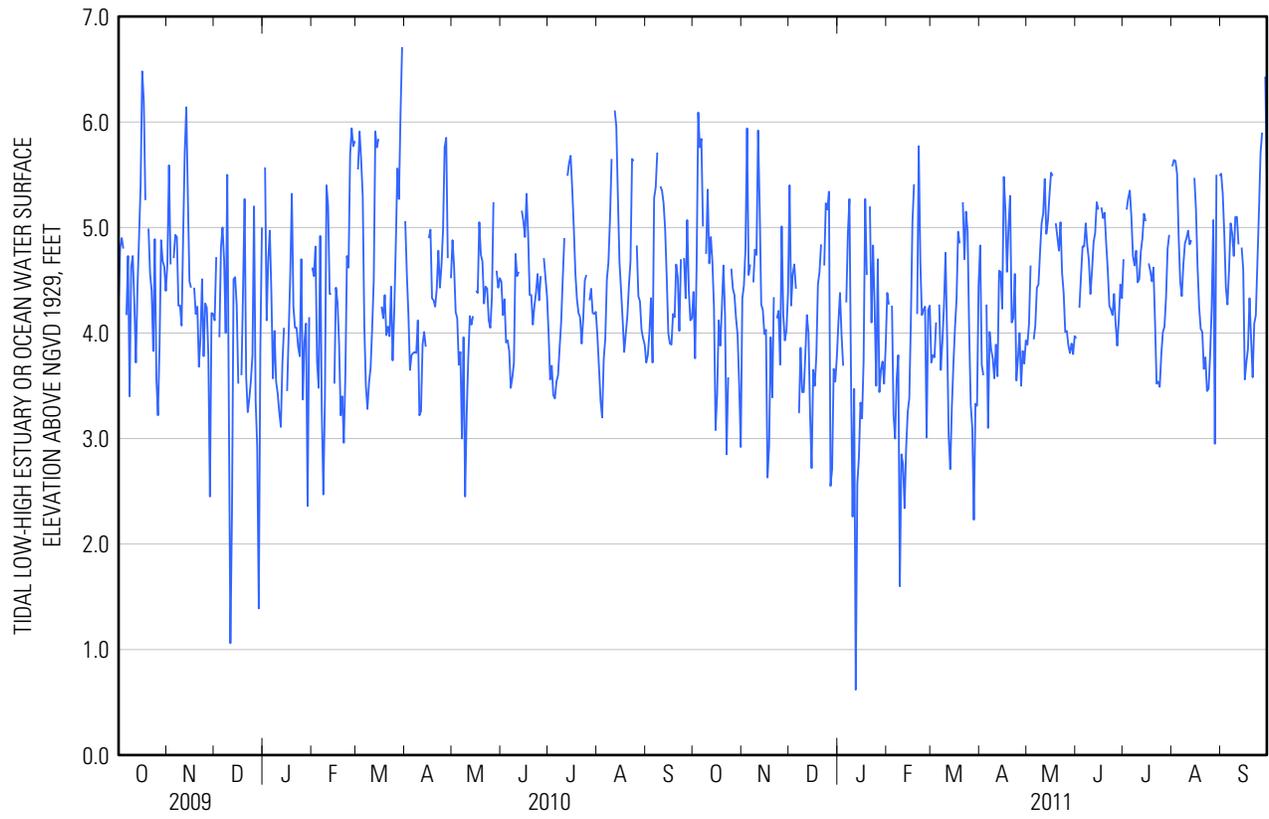
**ESTUARY OR OCEAN WATER SURFACE ELEVATION ABOVE NGVD 1929, FEET**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**  
**DAILY TIDAL LOW-HIGH VALUES**

[\* , only a single high tide occurred; e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.39	4.33	5.40	4.10	4.38	3.72	4.83	3.89	3.95	4.70	5.58	5.51
2	3.76	4.45	4.26	4.38	4.27	3.79	3.70	4.09	*---	*---	5.64	5.32
3	4.67	4.80	4.56	3.98	*---	3.77	3.60	4.64	4.24	5.17	5.63	4.93
4	6.09	5.94	4.65	3.69	4.26	4.10	*---	*---	4.54	5.28	5.51	4.43
5	5.76	4.55	4.42	*---	3.22	*---	4.27	3.94	4.82	5.35	4.92	4.27
6	5.84	4.65	*---	4.29	3.00	4.27	3.10	4.07	4.82	5.10	4.49	4.60
7	5.01	*---	3.24	4.94	3.57	3.65	4.01	4.43	5.04	4.73	4.35	5.04
8	*---	4.48	3.86	5.27	3.79	3.92	3.84	4.46	4.83	4.64	4.65	4.94
9	4.75	4.79	3.44	3.58	1.60	4.25	3.76	4.76	4.69	4.78	4.85	4.73
10	5.36	4.74	3.44	2.26	2.85	4.76	3.57	5.04	4.37	4.48	4.90	5.10
11	4.66	5.92	3.80	3.47	2.76	3.98	3.89	5.13	4.59	4.51	4.97	5.10
12	4.91	5.20	4.17	0.62	2.34	3.03	3.59	5.46	4.86	4.77	4.84	4.84
13	4.67	4.27	4.00	2.57	2.91	2.71	4.59	4.94	4.95	4.90	4.88	*---
14	4.24	4.22	3.24	2.82	3.25	3.29	4.58	5.06	5.24	5.13	*---	4.81
15	3.08	3.99	2.72	3.34	3.38	3.70	4.23	5.31	5.17	5.06	5.47	4.61
16	3.42	4.03	3.65	3.19	4.12	4.05	5.48	5.52	*---	*---	5.17	3.56
17	4.12	2.63	3.50	3.74	5.05	4.32	5.17	5.49	5.19	4.66	4.63	3.72
18	3.88	2.93	3.79	5.27	5.41	4.96	4.58	*---	5.09	4.59	4.25	3.85
19	4.23	3.96	4.46	4.55	*---	4.85	e5.0	5.04	5.14	4.49	4.04	4.33
20	4.64	3.39	4.58	*---	4.18	*---	e5.3	4.91	4.85	4.62	4.01	3.94
21	4.18	4.34	4.84	5.20	5.77	5.24	e4.1	4.78	4.60	4.11	3.66	3.58
22	2.85	*---	*---	4.10	4.68	4.70	4.14	5.05	4.26	3.52	3.77	4.09
23	3.58	4.14	4.64	4.83	4.17	5.15	4.56	4.57	4.22	3.54	3.45	4.17
24	*---	4.21	5.23	4.23	4.22	4.97	3.55	4.38	4.17	3.49	3.47	4.67
25	4.61	3.70	5.17	3.50	4.25	4.03	3.76	4.01	4.37	3.80	3.80	5.16
26	4.42	5.01	5.34	4.70	3.01	3.32	4.00	4.02	4.09	4.01	4.25	5.71
27	4.36	4.17	2.55	3.44	4.22	3.10	3.50	3.88	3.88	4.06	5.07	5.90
28	4.14	3.93	2.71	3.65	4.26	2.23	3.83	3.81	4.13	4.34	2.95	*---
29	3.98	4.02	3.66	3.73	---	3.33	3.71	3.90	4.46	4.80	5.50	6.43
30	3.51	4.38	3.54	3.52	---	3.31	3.93	3.80	4.33	4.93	*---	5.49
31	2.92	---	3.77	3.87	---	4.46	---	3.97	---	*---	5.49	---
<b>Mean</b>	4.35	4.33	4.02	3.82	3.80	3.96	4.14	4.56	4.60	4.56	4.63	4.74
<b>Max</b>	6.09	5.94	5.40	5.27	5.77	5.24	5.48	5.52	5.24	5.35	5.64	6.43
<b>Min</b>	2.85	2.63	2.55	0.62	1.60	2.23	3.10	3.80	3.88	3.49	2.95	3.56

	Calendar Year 2010	Water Year 2011
<b>Mean</b>	4.33	4.29
<b>Max</b>	6.71	6.43
<b>Min</b>	2.36	0.62

01304057 FLAX POND AT OLD FIELD, NY—Continued



## 01304057 FLAX POND AT OLD FIELD, NY—Continued

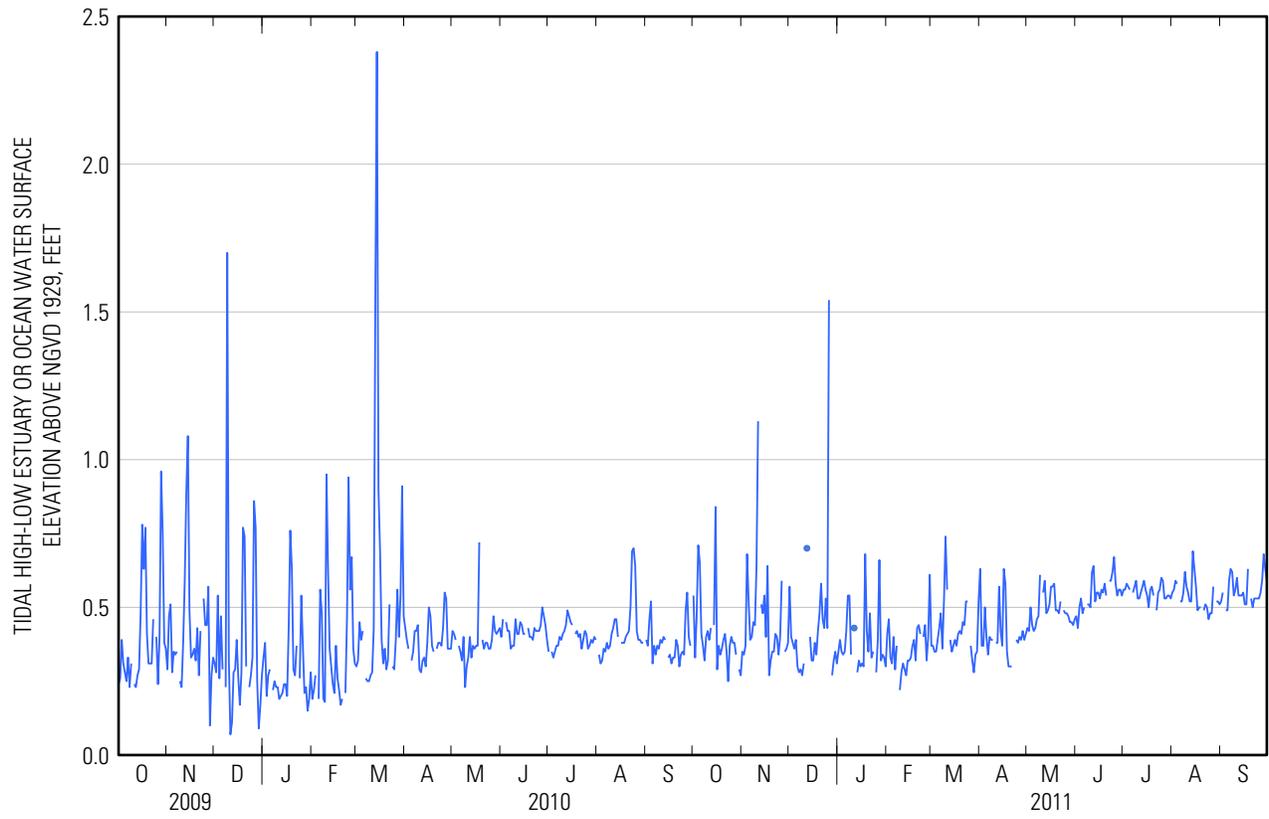
**ESTUARY OR OCEAN WATER SURFACE ELEVATION ABOVE NGVD 1929, FEET**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**  
**DAILY TIDAL HIGH-LOW VALUES**

[\* , only a single low tide occurred; e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.54	0.35	0.57	0.35	0.41	0.37	0.63	0.43	0.47	0.56	0.55	0.52
2	0.33	0.34	0.40	0.39	0.46	0.37	0.37	0.42	0.43	0.56	0.56	0.55
3	0.47	0.37	0.38	0.35	0.33	0.35	0.37	0.50	0.50	0.58	0.59	*---
4	0.71	0.68	0.36	0.34	0.31	0.35	0.50	0.44	0.53	0.57	0.58	0.49
5	0.65	0.52	0.39	0.35	0.40	0.39	0.40	0.42	0.48	0.56	*---	0.49
6	0.41	0.39	0.30	0.42	0.29	0.43	0.34	0.43	0.50	*---	0.52	0.59
7	0.37	0.40	0.28	0.54	0.37	0.48	0.40	0.46	*---	0.55	0.52	0.63
8	0.32	0.45	0.29	0.54	*---	0.36	0.39	0.47	0.51	0.57	0.55	0.62
9	0.40	0.44	0.27	0.34	0.22	0.52	0.39	0.61	0.51	0.59	0.62	0.54
10	0.42	0.64	0.31	*---	0.28	0.74	*---	*---	0.50	0.53	0.57	0.56
11	0.39	1.13	*---	0.43	0.31	0.56	0.38	0.55	0.62	0.53	0.55	0.60
12	0.43	*---	0.70	*---	0.29	*---	0.38	0.59	0.64	0.55	0.52	0.54
13	*---	0.51	*---	0.28	0.27	0.39	0.57	0.48	0.52	0.57	0.52	0.54
14	0.44	0.48	0.40	0.32	0.32	0.35	0.42	0.49	0.55	0.59	0.69	0.54
15	0.84	0.54	0.32	0.30	0.32	0.37	0.37	0.51	0.55	0.56	0.63	0.55
16	0.29	0.40	0.32	0.31	0.33	0.39	0.63	0.57	0.53	0.54	0.57	0.51
17	0.37	0.64	0.38	0.30	0.37	0.37	0.58	0.57	0.56	0.50	0.49	0.51
18	0.34	0.27	0.34	0.68	0.39	0.41	0.35	0.58	0.55	0.56	0.50	0.63
19	0.36	0.32	0.42	0.42	0.32	0.42	e0.3	0.49	0.58	0.57	0.50	*---
20	0.39	0.35	0.48	0.35	0.43	0.41	e0.3	0.49	0.54	0.54	*---	0.53
21	0.41	0.35	0.58	0.48	0.44	0.45	e0.3	0.48	*---	*---	0.49	0.50
22	0.35	0.41	0.46	0.33	0.41	0.44	*---	0.52	0.59	0.49	0.51	0.53
23	0.25	0.40	0.43	0.35	*---	0.52	*---	*---	0.59	0.55	0.50	0.53
24	0.37	0.34	0.53	*---	0.40	0.52	0.39	0.49	0.62	0.56	0.46	0.53
25	0.40	0.40	0.43	0.28	0.44	*---	0.38	0.48	0.67	0.60	0.48	0.53
26	0.38	0.59	1.54	0.39	0.32	0.37	0.40	0.48	0.58	0.59	0.48	0.55
27	0.38	*---	*---	0.66	0.40	0.32	0.39	0.47	0.54	0.53	0.57	0.59
28	0.34	0.35	0.27	0.32	0.61	0.28	0.42	0.45	0.56	0.53	*---	0.68
29	*---	0.36	0.32	0.34	---	0.34	0.39	0.45	0.56	0.54	0.52	0.63
30	0.29	0.38	0.35	0.33	---	0.35	0.41	0.44	0.54	0.54	0.52	0.59
31	0.27	---	0.31	0.30	---	0.52	---	0.46	---	0.53	0.51	---
<b>Mean</b>	0.41	0.46	0.43	0.39	0.36	0.42	0.41	0.49	0.55	0.55	0.54	0.56
<b>Max</b>	0.84	1.13	1.54	0.68	0.61	0.74	0.63	0.61	0.67	0.60	0.69	0.68
<b>Min</b>	0.25	0.27	0.27	0.28	0.22	0.28	0.30	0.42	0.43	0.49	0.46	0.49

	Calendar Year 2010	Water Year 2011
<b>Mean</b>	0.41	0.46
<b>Max</b>	2.38	1.54
<b>Min</b>	0.15	0.22

01304057 FLAX POND AT OLD FIELD, NY—Continued



## 01304057 FLAX POND AT OLD FIELD, NY—Continued

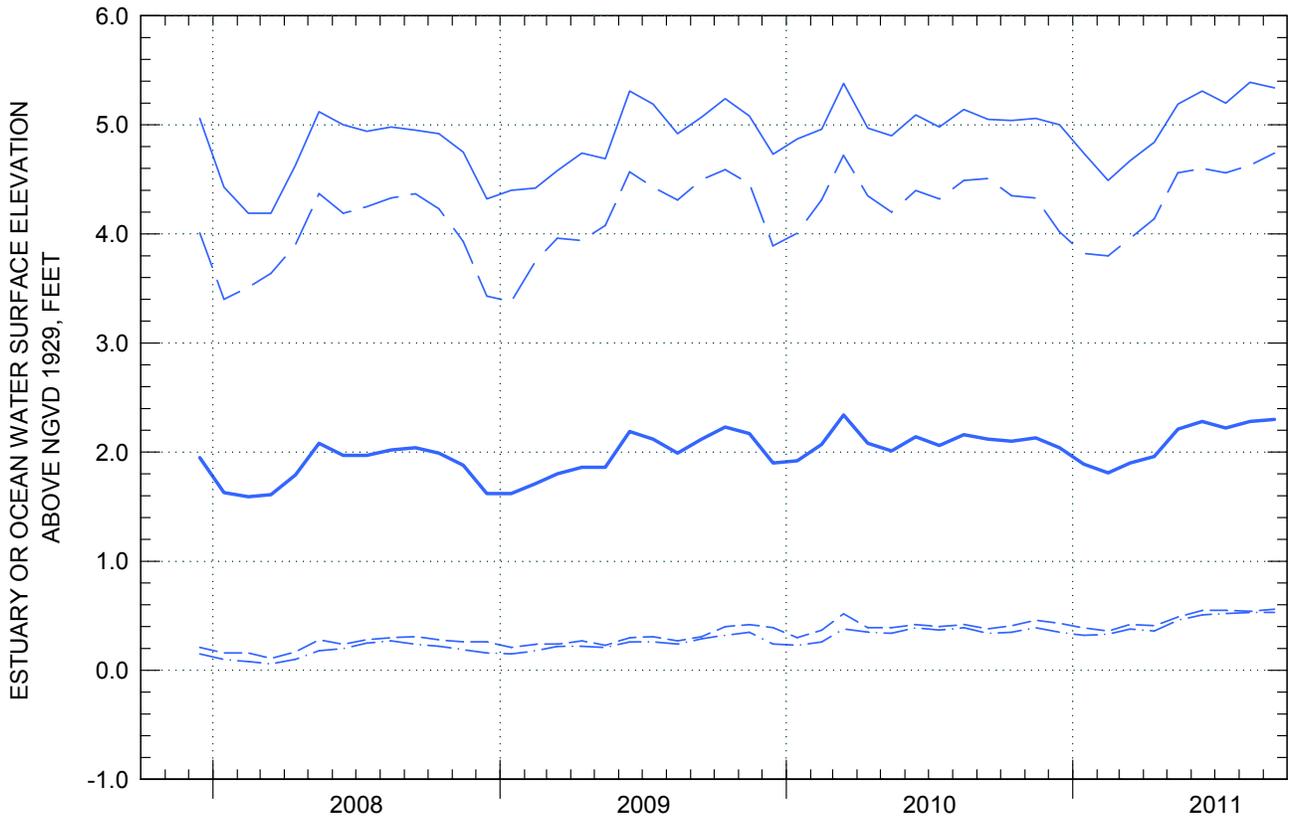
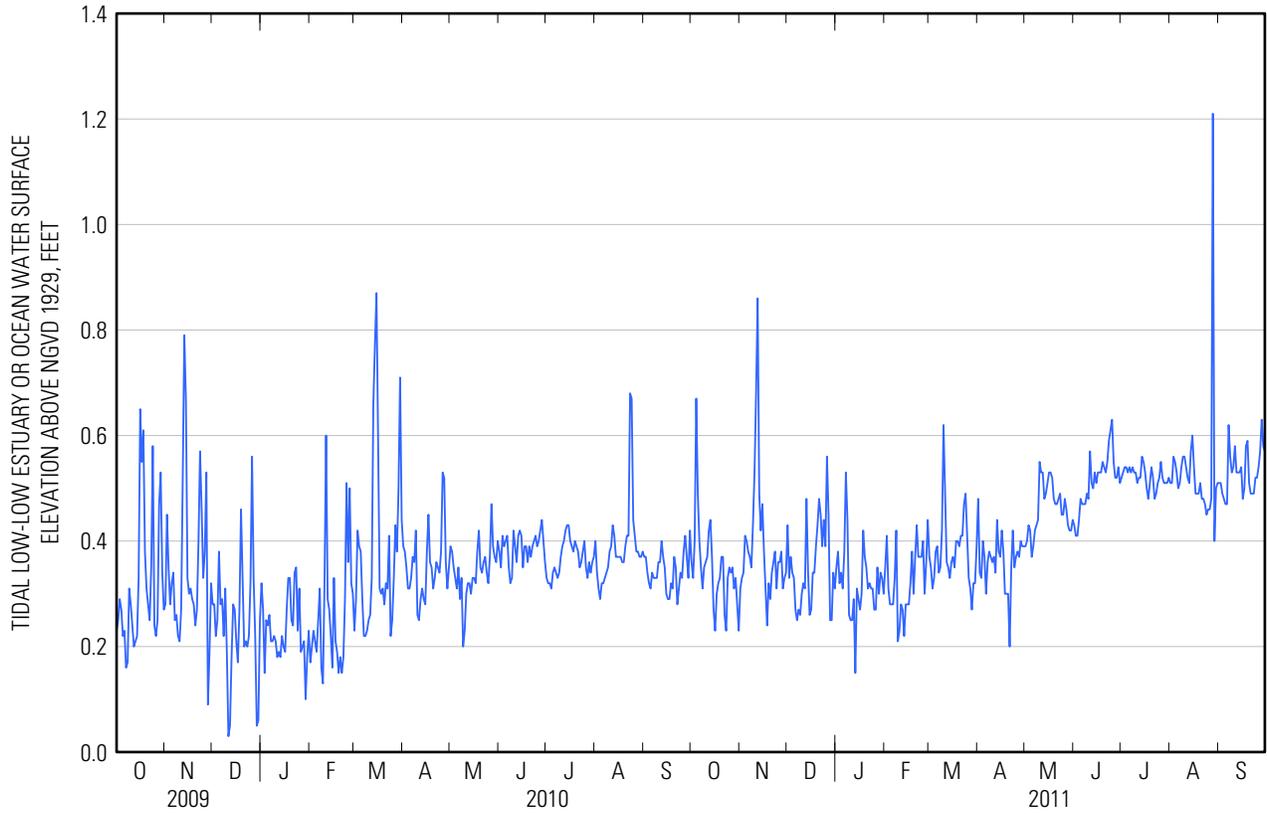
**ESTUARY OR OCEAN WATER SURFACE ELEVATION ABOVE NGVD 1929, FEET**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**  
**DAILY TIDAL LOW-LOW VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.36	0.31	0.43	0.35	0.35	0.37	0.48	0.39	0.43	0.52	0.51	0.51
2	0.33	0.33	0.33	0.38	0.41	0.35	0.34	0.40	0.41	0.53	0.51	0.51
3	0.40	0.34	0.37	0.32	0.31	0.31	0.33	0.43	0.41	0.54	0.56	0.49
4	0.67	0.41	0.34	0.34	0.28	0.33	0.40	0.42	0.44	0.54	0.55	0.48
5	0.49	0.40	0.33	0.31	0.28	0.38	0.37	0.37	0.48	0.53	0.53	0.47
6	0.40	0.38	0.27	0.38	0.28	0.39	0.30	0.39	0.47	0.54	0.50	0.47
7	0.35	0.37	0.25	0.53	0.33	0.34	0.36	0.42	0.47	0.53	0.51	0.62
8	0.31	0.35	0.27	0.44	0.42	0.35	0.38	0.43	0.47	0.54	0.54	0.56
9	0.35	0.43	0.26	0.26	0.21	0.42	0.37	0.44	0.49	0.53	0.56	0.53
10	0.36	0.53	0.30	0.25	0.23	0.62	0.36	0.55	0.48	0.53	0.56	0.54
11	0.37	0.68	0.32	0.25	0.28	0.49	0.37	0.53	0.57	0.51	0.54	0.58
12	0.42	0.86	0.31	0.29	0.27	0.36	0.34	0.53	0.51	0.52	0.52	0.53
13	0.44	0.49	0.48	0.15	0.22	0.35	0.44	0.48	0.50	0.52	0.51	0.53
14	0.37	0.42	0.34	0.31	0.28	0.33	0.38	0.49	0.53	0.56	0.57	0.53
15	0.27	0.47	0.26	0.29	0.28	0.36	0.37	0.51	0.51	0.55	0.60	0.54
16	0.23	0.38	0.27	0.27	0.28	0.37	0.42	0.53	0.53	0.53	0.54	0.48
17	0.30	0.31	0.34	0.30	0.32	0.35	0.38	0.53	0.53	0.50	0.49	0.50
18	0.32	0.24	0.34	0.42	0.38	0.40	e0.3	0.52	0.53	0.48	0.49	0.58
19	0.33	0.32	0.39	0.37	0.30	0.40	e0.3	0.48	0.55	0.51	0.49	0.59
20	0.37	0.29	0.43	0.35	0.37	0.39	e0.3	0.47	0.54	0.54	0.51	0.51
21	0.37	0.34	0.48	0.31	0.43	0.41	e0.2	0.47	0.53	0.52	0.48	0.49
22	0.26	0.36	0.45	0.32	0.37	0.41	0.35	0.48	0.55	0.48	0.48	0.49
23	0.23	0.38	0.39	0.31	0.37	0.47	0.42	0.49	0.59	0.49	0.47	0.49
24	0.33	0.31	0.44	0.31	0.37	0.49	0.35	0.45	0.61	0.51	0.45	0.52
25	0.35	0.36	0.39	0.27	0.40	0.41	0.37	0.45	0.63	0.52	0.46	0.52
26	0.34	0.36	0.56	0.27	0.30	0.33	0.38	0.48	0.55	0.55	0.46	0.54
27	0.35	0.38	0.45	0.35	0.36	0.31	0.37	0.46	0.52	0.52	0.48	0.57
28	0.31	0.31	0.25	0.30	0.44	0.27	0.40	0.43	0.52	0.51	1.21	0.63
29	0.33	0.33	0.25	0.34	---	0.32	0.39	0.42	0.54	0.51	0.40	0.58
30	0.28	0.34	0.34	0.33	---	0.32	0.39	0.42	0.51	0.51	0.50	0.57
31	0.23	---	0.31	0.30	---	0.39	---	0.44	---	0.52	0.51	---
<b>Mean</b>	0.35	0.39	0.35	0.32	0.33	0.38	0.36	0.46	0.51	0.52	0.53	0.53
<b>Max</b>	0.67	0.86	0.56	0.53	0.44	0.62	0.48	0.55	0.63	0.56	1.21	0.63
<b>Min</b>	0.23	0.24	0.25	0.15	0.21	0.27	0.20	0.37	0.41	0.48	0.40	0.47

	Calendar Year 2010	Water Year 2011
<b>Mean</b>	0.35	0.42
<b>Max</b>	0.87	1.21
<b>Min</b>	0.10	0.15

01304057 FLAX POND AT OLD FIELD, NY—Continued



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

**01304057 FLAX POND AT OLD FIELD, NY—Continued**

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--December 2007 to current year. Sampling depth records for December 2007 to current year are unpublished and available in files of the Geological Survey.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: December 2007 to current year.

SALINITY: December 2007 to current year.

DISSOLVED OXYGEN: April 2008 to April 2011.

pH: April 2008 to current year.

TURBIDITY: April 2008 to April 2011.

INSTRUMENTATION.--Water-quality monitor provides 6-minute-interval readings collected from 1.6 ft above bottom. December 2007 to April 2008, water-quality monitor readings collected from 0.5 ft above bottom. Salinity record computed from specific-conductance readings.

REMARKS.--Satellite telemeter for water temperature, specific conductance, dissolved oxygen, pH, turbidity, and sampling depth parameters at station discontinued Apr. 18, 2011. Dissolved oxygen and turbidity measurements were also discontinued Apr. 18, 2011. Other interruptions of record were due to malfunction of water-quality monitor or sensors.

WATER TEMPERATURE: Records excellent, except those for Oct. 1-22, Dec. 3 to Jan. 6, Feb. 25 to Apr. 18, May 10 to July 13, and July 19 to Sept. 6, which are good; for Sept. 7-20, which are fair; and for Sept. 21-30, which are poor.

SALINITY: Records excellent, except those for Dec. 31 to Jan. 6, May 19 to June 1, and July 4-13, which are good.

DISSOLVED OXYGEN: Records excellent, except those for Oct. 17-22, which are good.

pH: Records excellent, except those for May 17 to June 1 and July 26 to Aug. 1, which are good.

TURBIDITY: Records excellent, except those for Oct. 1, which are good; for Oct. 2-7, which are fair; and for Oct. 8-22, which are poor.

EXTREMES FOR PERIOD OF RECORD.--

WATER TEMPERATURE: Maximum, 33.6°C, July 7, 2010; minimum, -1.8°C, Feb. 10, 11, 2008, Dec. 28, Jan. 23, Feb. 9, 2011.

SALINITY: Maximum, 36.4 psu, Jan. 4, 2008; minimum, 18.4 psu, Feb. 2, 2008.

DISSOLVED OXYGEN: Maximum, 18.5 mg/L, Jan. 24, 2011; minimum, 1.0 mg/L, July 8, Aug. 22, 2010.

pH: Maximum, 8.5 standard units, June 10, 2008; minimum, 6.9 std units, Aug. 25, 30, 2008, several days in 2009, Aug. 14, 2011.

TURBIDITY: Maximum, 300 FNU, Dec. 8, 2008; minimum, <0.1 FNU several days each year 2008-11.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 30.4°C, July 22, but may have been higher during periods of missing record; minimum, -1.8°C, Dec. 28, Jan. 23, Feb. 9.

SALINITY: Maximum, 32.1 psu, Jan. 24, but may have been higher during periods of missing record; minimum, 19.5 psu, May 18, but may have been lower during periods of missing record.

DISSOLVED OXYGEN: Maximum, 18.5 mg/L, Jan. 24; minimum, 4.4 mg/L, Oct. 27, but may have been lower during periods of missing record.

pH: Maximum, 8.4 standard units, Jan. 28, 30, Feb. 7; minimum, 6.9 standard units, Aug. 14.

TURBIDITY: Maximum, 230 FNU, Dec. 27, but may have been higher during periods of missing record; minimum, <0.1 FNU, Oct. 7, 12, 27, Feb. 24.

## 01304057 FLAX POND AT OLD FIELD, NY—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
<b>1</b>	22.5	16.5	21.0	13.8	7.1	10.8	13.6	9.8	10.9	5.0	1.9	3.3
<b>2</b>	21.3	14.8	18.4	13.8	6.8	10.8	9.8	6.4	8.2	5.0	3.3	4.1
<b>3</b>	19.6	15.1	17.4	14.2	8.8	12.4	9.0	4.0	6.9	3.8	0.3	2.2
<b>4</b>	18.9	14.5	16.9	13.9	10.6	12.6	8.3	3.0	5.8	2.7	-0.8	1.5
<b>5</b>	19.5	15.4	17.6	14.0	11.3	13.1	7.5	2.5	4.8	2.9	-0.5	1.4
<b>6</b>	19.4	16.2	18.5	13.4	9.1	11.7	6.2	1.1	3.1	2.6	-1.2	1.1
<b>7</b>	19.1	14.5	17.6	13.3	7.3	10.4	5.9	0.0	2.4	2.7	0.1	1.7
<b>8</b>	19.1	13.8	17.3	12.2	5.7	8.6	5.3	-0.7	1.7	2.7	0.4	1.7
<b>9</b>	19.7	15.1	17.5	11.7	6.6	9.5	5.1	-1.5	0.7	2.2	-1.4	0.6
<b>10</b>	18.8	13.3	16.7	12.2	8.9	10.7	6.1	-1.3	1.8	1.3	-1.6	-0.5
<b>11</b>	19.9	15.9	18.2	11.9	8.0	10.2	6.3	1.8	4.0	1.7	-1.5	0.1
<b>12</b>	19.2	14.9	18.2	12.1	8.0	10.4	7.5	3.3	6.4	1.1	-1.6	-0.6
<b>13</b>	18.9	14.3	16.9	12.7	9.2	11.2	7.5	3.6	6.7	0.7	-1.7	-1.0
<b>14</b>	18.9	15.6	17.3	13.4	10.1	11.6	5.5	-1.4	2.7	0.8	-1.6	-0.7
<b>15</b>	17.7	11.7	15.2	14.0	10.9	12.1	3.4	-1.6	-0.4	1.1	-1.5	-0.3
<b>16</b>	15.3	11.0	13.0	13.4	11.8	12.5	4.2	-1.7	0.5	2.5	-0.6	0.6
<b>17</b>	16.9	10.3	14.1	14.1	10.1	12.9	4.1	-1.5	1.6	1.3	-1.7	0.1
<b>18</b>	16.3	11.8	14.5	11.6	7.8	10	4.6	-0.1	2.5	1.5	-1.4	0.4
<b>19</b>	17.3	12.0	15.1	11.0	7.0	9.4	4.6	0.8	2.9	2.0	0.7	1.4
<b>20</b>	16.5	13.2	15.4	10.9	6.7	9.0	4.2	0.5	2.3	1.8	-0.4	1.2
<b>21</b>	16.2	12.5	14.4	10.9	5.6	8.5	3.8	-0.3	1.9	1.3	-1.7	0.0
<b>22</b>	14.4	9.2	11.2	11.8	8.2	10.4	3.6	-0.4	2.0	0.8	-1.7	-0.7
<b>23</b>	14.9	7.5	11.4	12.0	9.7	11.3	3.3	0.1	1.6	0.5	-1.8	-0.9
<b>24</b>	15.8	12.1	14.5	11.4	5.1	8.4	3.4	-0.6	1.6	0.5	-1.7	-0.9
<b>25</b>	17.0	13.1	15.6	10.7	4.8	7.6	3.2	-0.8	1.6	0.3	-1.4	-0.7
<b>26</b>	18.1	15.7	16.7	10.8	7.5	9.6	3.2	-0.9	1.4	0.4	-1.5	-0.6
<b>27</b>	18.2	16.3	17.4	9.9	4.2	7.1	2.5	-1.7	-0.4	0.4	-1.5	-0.6
<b>28</b>	18.6	14.9	17.0	9.4	3.4	6.1	0.9	-1.8	-0.9	1.8	-0.5	0.4
<b>29</b>	15.9	9.5	13.6	9.8	5.0	7.9	2.3	-1.2	0.9	1.6	0.2	0.7
<b>30</b>	15.1	9.0	12.0	9.8	6.6	8.9	3.7	-0.3	1.9	1.8	0.4	0.9
<b>31</b>	13.8	9.0	11.8	---	---	---	4.0	0.8	2.5	0.9	-1.6	0.1
<b>Month</b>	22.5	7.5	15.9	14.2	3.4	10.2	13.6	-1.8	2.9	5.0	-1.8	0.5

## 01304057 FLAX POND AT OLD FIELD, NY—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

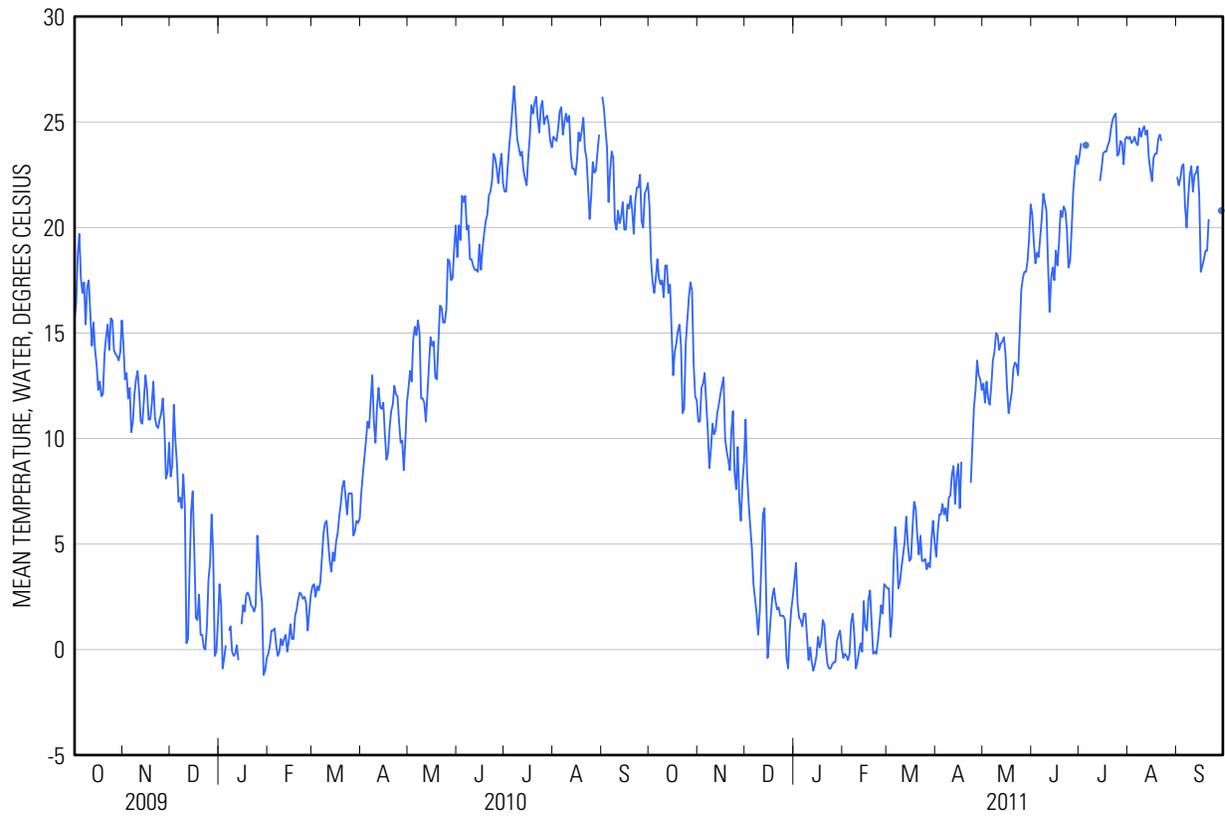
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
<b>1</b>	0.4	-1.5	-0.4	6.7	0.6	2.9	6.0	3.5	4.4	18.1	10.1	12.6
<b>2</b>	0.5	-1.2	-0.2	6.9	0.7	2.9	9.4	2.9	5.6	15.1	10.3	11.7
<b>3</b>	0.3	-1.6	-0.3	2.6	-1.7	0.6	10.5	3.8	6.4	16.9	10.5	12.7
<b>4</b>	0.6	-1.3	-0.5	4.5	-1.2	1.6	9.3	4.7	6.4	13.4	10.8	11.9
<b>5</b>	1.4	-1.3	-0.2	8.4	1.8	4.2	9.2	5.1	6.9	14.3	9.8	11.6
<b>6</b>	3.0	-0.2	1.3	9.1	2.6	5.8	9.7	3.3	6.4	16.2	9.9	12.5
<b>7</b>	3.0	0.7	1.7	6.9	2.2	4.8	8.9	5.4	6.7	16.5	10.9	13.7
<b>8</b>	2.2	-1.7	0.7	5.0	0.4	2.9	7.6	5.0	6.1	18.1	11.3	14.1
<b>9</b>	0.8	-1.8	-0.9	5.2	1.7	3.2	10.9	4.9	7.2	19.5	12.4	15.0
<b>10</b>	1.8	-1.7	-0.6	6.6	2.3	3.9	9.9	5.2	7.3	20.5	12.4	14.9
<b>11</b>	2.5	-1.6	-0.1	7.0	2.8	4.5	12.1	5.5	8.3	18.8	12.1	14.2
<b>12</b>	2.1	-1.2	0.3	8.8	2.7	5.1	11.7	6.2	8.7	21.8	11.9	14.5
<b>13</b>	2.2	-1.7	-0.1	10.0	3.3	6.3	8.7	5.7	6.9	19.8	12.2	14.6
<b>14</b>	6.4	0.4	2.3	7.4	3.3	5.0	15.5	5.4	8.2	18.0	13.0	14.8
<b>15</b>	3.2	-0.5	1.1	5.8	3.4	4.2	15.5	5.9	8.8	16.3	11.7	14.0
<b>16</b>	5.0	-1.5	0.9	7.3	3.4	4.3	8.3	5.6	6.7	14.1	10.3	12.4
<b>17</b>	4.6	0.9	2.4	11.4	3.5	5.8	13.4	6.3	8.9	13.1	9.8	11.2
<b>18</b>	5.2	1.2	2.8	11.8	4.4	7.0	---	---	---	14.5	10.1	11.7
<b>19</b>	3.0	-1.7	1.3	10.2	4.3	6.7	---	---	---	14.4	10.3	12.2
<b>20</b>	1.0	-1.7	-0.2	9.0	2.7	5.4	---	---	---	16.1	10.8	13.3
<b>21</b>	0.8	-1.7	-0.1	5.1	3.9	4.5	---	---	---	17.0	11.2	13.6
<b>22</b>	1.3	-1.7	-0.2	7.6	4.1	5.4	---	---	---	16.9	11.4	13.5
<b>23</b>	2.7	-1.6	0.4	5.0	2.9	4.2	9.4	7.3	7.9	15.1	11.4	13.0
<b>24</b>	3.5	-0.6	1.2	6.3	2.3	4.2	15.0	7.5	9.7	19.3	12.2	15.0
<b>25</b>	4.6	0.8	2.1	7.8	1.7	4.3	17.4	8.2	11.5	23.6	13.6	17.0
<b>26</b>	4.5	-0.2	1.7	7.8	1.4	3.8	20.7	8.2	12.3	24.9	14.3	17.6
<b>27</b>	7.5	1.1	3.1	8.7	1.1	4.1	19.1	9.0	13.7	25.3	14.1	17.9
<b>28</b>	5.4	1.4	3.0	8.4	0.3	3.9	15.8	9.4	13.0	25.7	14.0	17.9
<b>29</b>	---	---	---	10.4	1.6	5.2	18.5	9.6	12.8	24.2	15.4	18.4
<b>30</b>	---	---	---	10.8	2.9	6.1	17.1	10.0	12.3	23.9	16.9	19.5
<b>31</b>	---	---	---	6.6	4.2	5.1	---	---	---	26.5	17.2	21.1
<b>Month</b>	7.5	-1.8	0.8	11.8	-1.7	4.4	---	---	---	26.5	9.8	14.5

## 01304057 FLAX POND AT OLD FIELD, NY—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	25.4	16.4	20.6	27.2	20.8	23.4	27.3	22.0	24.2	24.4	21.0	22.4
2	22.3	17.3	19.3	27.1	20.6	24.0	27.0	22.5	24.3	23.7	20.6	22.0
3	21.6	14.6	18.3	---	---	---	25.8	22.8	24.0	24.5	20.6	22.3
4	21.7	16.6	18.8	---	---	---	26.7	22.8	24.1	26.5	21.5	22.9
5	20.7	17.0	18.6	26.4	22.3	23.9	27.2	22.4	24.3	26.8	21.5	23.0
6	23.1	16.9	19.5	---	---	---	27.7	22.3	24.0	23.4	18.7	21.0
7	25.3	17.6	20.4	---	---	---	28.3	22.1	23.9	21.0	17.7	20.0
8	27.0	17.9	21.6	---	---	---	29.9	22.4	24.7	25.6	18.8	21.4
9	28.0	17.0	21.2	---	---	---	26.7	22.7	24.3	25.8	20.2	22.5
10	27.6	18.4	20.8	---	---	---	29.2	22.3	24.6	26.1	21.4	22.9
11	22.7	15.4	18.3	---	---	---	28.0	22.8	24.8	23.3	19.6	21.7
12	20.8	13.8	16.0	---	---	---	28.0	21.4	24.4	24.8	20.7	22.5
13	22.1	15.1	17.6	27.7	---	---	27.3	22.6	24.6	25.2	20.8	22.6
14	21.4	15.2	18.1	26.3	18.8	22.2	24.1	22.1	23.3	25.8	21.1	22.9
15	21.2	15.6	17.5	26.8	20.4	22.8	24.2	21.7	22.7	23.7	15.9	21.5
16	22.0	15.5	18.9	26.5	21.4	23.5	23.9	21.1	22.2	21.6	13.5	17.9
17	21.6	15.8	18.2	26.6	21.3	23.6	25.8	21.4	23.3	21.0	15.0	18.2
18	21.4	17.6	19.3	26.1	21.6	23.6	25.5	21.6	23.5	20.6	16.3	18.5
19	23.6	18.9	20.8	26.6	21.9	23.9	25.4	21.9	23.5	20.8	15.9	18.9
20	23.3	18.6	20.5	27.5	21.9	24.1	27.3	22.3	24.2	20.2	17.8	18.9
21	25.0	18.0	21.0	28.7	22.4	24.7	26.9	22.7	24.4	23.4	18.4	20.4
22	23.4	19.3	20.8	30.4	22.3	25.1	27.4	22.2	24.1	24.2	---	---
23	22.1	17.7	19.9	29.9	23.1	25.3	---	20.1	---	---	---	---
24	20.4	16.4	18.1	27.3	23.9	25.4	---	---	---	---	---	---
25	23.0	16.3	18.4	25.6	21.3	23.4	---	---	---	---	---	---
26	25.5	17.3	19.9	29.4	21.4	23.5	---	---	---	---	---	---
27	27.9	19.1	21.7	29.0	21.4	24.1	---	---	---	---	---	---
28	27.0	19.9	22.7	27.9	21.4	24.0	---	---	---	---	---	---
29	27.7	21.1	23.4	24.6	22.0	23.0	---	---	---	21.5	19.8	20.8
30	27.2	19.6	23.0	28.3	22.2	24.2	---	---	---	---	---	---
31	---	---	---	27.7	21.9	24.3	---	---	---	---	---	---
Month	28.0	13.8	19.8	---	---	---	---	---	---	---	---	---

01304057 FLAX POND AT OLD FIELD, NY—Continued



## 01304057 FLAX POND AT OLD FIELD, NY—Continued

**SALINITY, WATER, UNFILTERED, PRACTICAL SALINITY UNITS AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
<b>1</b>	27.9	25.0	26.9	28.1	27.5	27.8	27.6	24.2	26.9	27.4	26.9	27.2
<b>2</b>	27.7	25.9	27.1	28.2	27.5	27.8	28.0	26.1	27.3	27.3	26.8	27.1
<b>3</b>	27.9	27.4	27.7	27.9	27.5	27.7	28.2	27.8	28.0	27.5	27.0	27.3
<b>4</b>	27.9	27.5	27.8	27.7	25.9	27.1	28.7	27.9	28.1	27.9	27.2	27.5
<b>5</b>	27.9	27.1	27.6	27.6	26.4	27.1	28.7	27.7	28.2	27.8	27.1	27.4
<b>6</b>	27.8	27.4	27.7	27.6	27.4	27.5	28.9	27.7	28.3	28.1	27.2	27.6
<b>7</b>	28.0	27.6	27.8	28.1	27.6	27.8	28.9	27.9	28.4	27.9	27.1	27.4
<b>8</b>	28.1	27.6	27.8	28.3	27.5	27.9	29.2	27.9	28.6	27.6	27.3	27.4
<b>9</b>	28.0	27.6	27.8	27.9	27.4	27.6	29.9	27.9	28.8	28.1	27.4	27.7
<b>10</b>	28.0	27.6	27.8	27.8	27.5	27.6	30.3	27.8	28.6	29.3	27.4	28.1
<b>11</b>	27.7	27.4	27.6	28.0	27.6	27.7	28.4	27.7	28.0	28.5	27.4	27.7
<b>12</b>	27.5	27.1	27.4	28.1	27.7	27.8	28.1	25.0	27.2	27.4	26.7	27.0
<b>13</b>	27.7	27.0	27.5	28.1	27.6	27.8	27.6	26.4	27.2	28.0	26.9	27.6
<b>14</b>	27.7	25.2	27.3	27.9	27.6	27.7	28.8	27.4	27.8	28.7	27.5	28.1
<b>15</b>	27.3	24.7	26.3	27.8	27.6	27.7	29.7	27.7	28.6	28.7	27.4	27.9
<b>16</b>	27.1	26.4	26.8	27.7	27.4	27.6	29.9	27.6	28.5	27.6	26.8	27.3
<b>17</b>	27.3	26.9	27.1	27.6	25.1	26.9	28.8	27.6	28.0	28.0	27.4	27.7
<b>18</b>	27.6	27.1	27.3	27.6	27.2	27.4	28.3	27.4	27.8	27.6	23.7	26.9
<b>19</b>	27.5	27.1	27.3	28.0	27.4	27.6	28.0	27.4	27.7	27.4	25.9	26.9
<b>20</b>	27.3	26.9	27.2	27.9	27.6	27.7	28.1	27.5	27.8	27.4	26.9	27.1
<b>21</b>	27.5	27.0	27.3	28.1	27.6	27.8	28.3	27.6	27.9	27.9	24.4	27.1
<b>22</b>	28.1	27.0	27.6	27.9	27.6	27.7	28.4	27.6	27.9	30.5	27.4	28.3
<b>23</b>	28.1	27.3	27.6	27.7	27.6	27.7	28.1	27.6	27.9	29.7	25.3	27.6
<b>24</b>	27.4	27.2	27.4	28.4	27.6	27.9	28.3	27.5	27.9	32.1	27.6	29.3
<b>25</b>	27.4	27.3	27.4	28.4	27.6	28.0	28.4	27.5	27.8	30.4	27.6	28.7
<b>26</b>	27.5	27.3	27.4	27.9	27.5	27.7	28.1	27.4	27.6	28.6	27.4	27.9
<b>27</b>	27.5	27.2	27.4	28.4	27.6	28.0	29.4	27.4	27.9	27.5	26.7	27.3
<b>28</b>	27.5	27.2	27.4	28.5	27.6	28.0	29.8	27.6	28.7	27.6	26.9	27.4
<b>29</b>	28.1	27.4	27.6	28.2	27.6	27.8	28.1	27.2	27.6	27.6	26.7	27.3
<b>30</b>	28.0	27.4	27.7	27.9	27.6	27.7	27.6	27.1	27.4	27.6	26.3	27.2
<b>31</b>	28.0	27.4	27.7	---	---	---	27.6	27.0	27.3	27.6	26.9	27.3
<b>Month</b>	28.1	24.7	27.4	28.5	25.1	27.7	30.3	24.2	27.9	32.1	23.7	27.6

## 01304057 FLAX POND AT OLD FIELD, NY—Continued

**SALINITY, WATER, UNFILTERED, PRACTICAL SALINITY UNITS AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

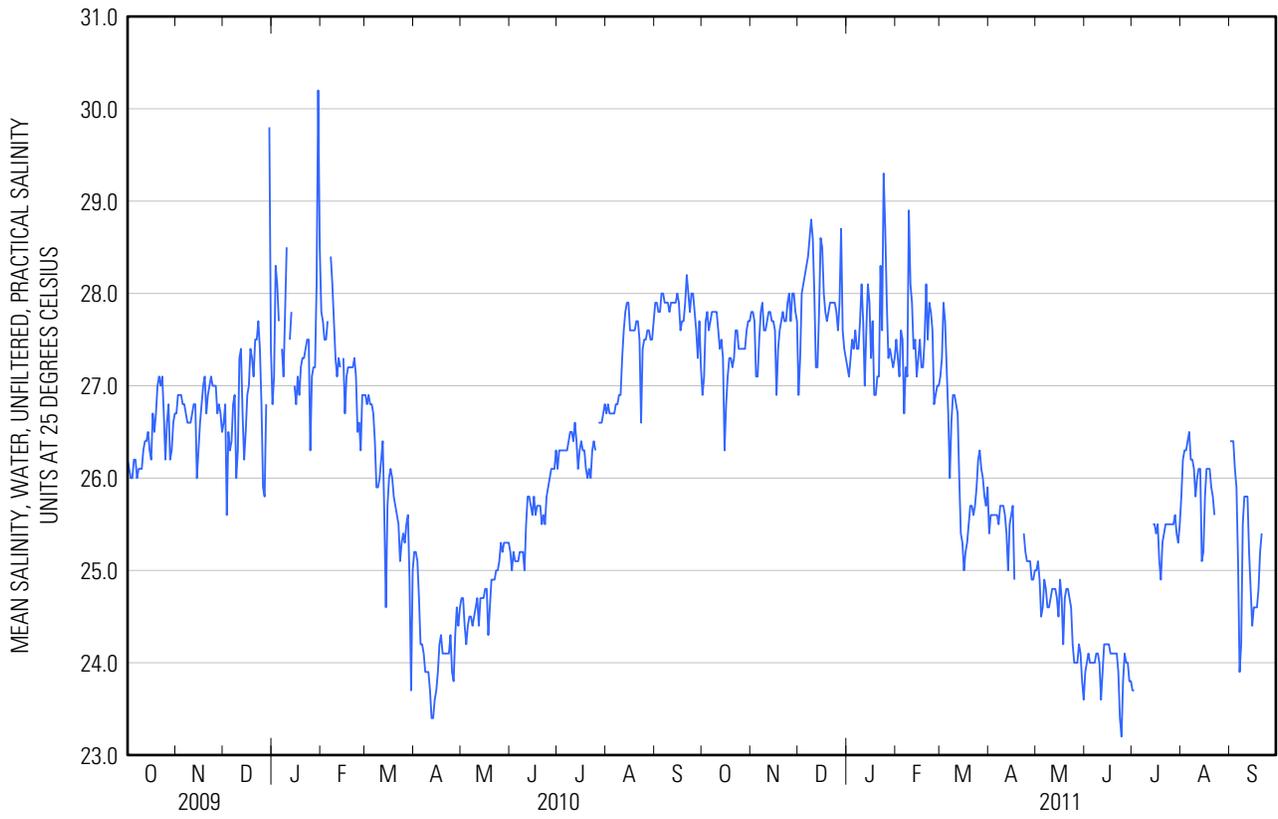
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
<b>1</b>	27.6	27.4	27.5	27.5	26.6	27.1	25.9	24.9	25.4	25.3	24.9	25.0
<b>2</b>	27.6	26.8	27.3	27.6	26.9	27.3	25.9	25.3	25.6	25.3	24.8	25.1
<b>3</b>	27.6	26.4	27.1	29.4	27.4	27.9	26.1	25.3	25.6	25.2	24.7	24.9
<b>4</b>	27.9	27.4	27.6	29.4	27.2	27.7	25.8	24.7	25.6	25.0	23.5	24.5
<b>5</b>	27.8	26.9	27.5	27.4	26.9	27.2	25.9	25.3	25.6	24.9	24.3	24.6
<b>6</b>	27.5	25.7	26.7	27.4	24.0	26.7	25.9	25.3	25.6	25.1	24.7	24.9
<b>7</b>	27.5	26.8	27.2	27.3	22.7	26.0	25.7	25.3	25.5	25.0	24.5	24.8
<b>8</b>	27.9	25.7	27.1	27.0	26.3	26.6	25.8	25.5	25.7	24.9	24.4	24.6
<b>9</b>	31.5	26.4	28.9	27.1	26.6	26.9	25.9	25.4	25.7	24.8	24.5	24.6
<b>10</b>	29.4	27.4	28.1	27.2	25.9	26.9	25.9	25.5	25.7	24.9	24.5	24.7
<b>11</b>	28.8	27.4	27.9	27.2	26.0	26.8	25.9	25.4	25.6	25.0	24.6	24.8
<b>12</b>	27.7	26.9	27.4	27.0	26.3	26.7	25.8	24.5	25.4	24.9	24.6	24.8
<b>13</b>	27.9	27.0	27.5	26.6	25.2	26.0	25.9	24.0	25.0	25.1	24.6	24.8
<b>14</b>	27.5	26.4	27.1	26.2	25.0	25.4	25.9	25.1	25.5	24.9	24.5	24.7
<b>15</b>	27.6	27.0	27.3	25.9	25.0	25.3	25.8	25.4	25.6	24.9	24.0	24.5
<b>16</b>	28.7	26.3	27.5	25.6	24.3	25.0	26.0	25.0	25.7	25.2	24.5	24.9
<b>17</b>	27.5	26.9	27.2	25.4	24.6	25.2	25.7	23.7	24.9	25.3	23.3	24.7
<b>18</b>	27.5	26.7	27.2	25.5	24.9	25.3	---	---	---	25.2	19.5	24.2
<b>19</b>	28.1	27.2	27.5	25.8	25.3	25.5	---	---	---	25.1	24.0	24.7
<b>20</b>	29.9	27.4	28.1	26.0	25.5	25.7	---	---	---	24.9	24.6	24.8
<b>21</b>	27.7	27.1	27.5	25.9	25.2	25.7	---	---	---	24.9	24.5	24.8
<b>22</b>	28.9	27.4	27.9	25.8	25.3	25.6	---	---	---	24.8	24.5	24.7
<b>23</b>	28.7	27.4	27.8	25.9	25.3	25.7	26.1	24.0	25.4	24.7	24.0	24.6
<b>24</b>	27.8	27.3	27.6	26.2	25.4	25.9	25.4	24.8	25.2	24.5	23.8	24.2
<b>25</b>	27.6	24.8	26.8	26.7	25.9	26.2	25.4	24.7	25.1	24.2	23.9	24.0
<b>26</b>	27.5	26.4	26.9	26.7	25.8	26.3	25.7	24.5	25.1	24.4	23.8	24.0
<b>27</b>	27.4	26.5	27.0	26.7	25.7	26.1	25.3	24.9	25.1	24.6	23.2	24.0
<b>28</b>	27.4	25.8	27.0	26.6	25.5	26.0	25.2	24.5	24.9	24.6	23.6	24.2
<b>29</b>	---	---	---	26.5	25.4	25.8	25.2	24.5	24.9	24.5	23.3	24.1
<b>30</b>	---	---	---	26.3	25.2	25.7	25.2	24.9	25.0	24.3	23.0	23.8
<b>31</b>	---	---	---	26.6	25.7	25.9	---	---	---	24.0	23.4	23.6
<b>Month</b>	31.5	24.8	27.4	29.4	22.7	26.2	---	---	---	25.3	19.5	24.5

## 01304057 FLAX POND AT OLD FIELD, NY—Continued

**SALINITY, WATER, UNFILTERED, PRACTICAL SALINITY UNITS AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
<b>1</b>	24.2	23.6	23.9	24.0	23.5	23.7	26.1	25.5	25.8	26.6	26.0	26.4
<b>2</b>	24.3	23.6	24.0	24.0	23.5	23.7	26.5	26.0	26.2	26.6	26.2	26.4
<b>3</b>	24.5	23.7	24.1	---	---	---	26.5	26.1	26.3	26.6	25.9	26.4
<b>4</b>	24.3	23.7	24.0	---	---	---	26.5	26.0	26.3	26.6	25.4	26.1
<b>5</b>	24.2	23.8	24.0	---	---	---	26.8	26.1	26.4	26.5	25.7	25.9
<b>6</b>	24.2	23.8	24.0	---	---	---	26.8	26.3	26.5	26.4	22.7	25.1
<b>7</b>	24.4	23.9	24.0	---	---	---	26.7	25.6	26.2	25.9	20.7	23.9
<b>8</b>	24.3	23.9	24.1	---	---	---	26.4	26.1	26.2	25.9	20.3	24.2
<b>9</b>	24.3	23.9	24.1	---	---	---	26.4	25.0	26.1	25.9	24.5	25.5
<b>10</b>	24.2	23.8	24.0	---	---	---	25.9	25.4	25.8	25.9	25.7	25.8
<b>11</b>	24.3	21.0	23.6	---	---	---	26.2	25.9	26.0	26.0	25.7	25.8
<b>12</b>	24.6	21.9	23.9	---	---	---	26.4	25.9	26.1	26.0	25.5	25.8
<b>13</b>	24.4	24.0	24.2	---	---	---	26.4	25.9	26.1	25.9	24.4	25.2
<b>14</b>	24.3	24.0	24.2	25.9	25.3	25.5	26.1	21.8	25.1	25.2	23.8	24.8
<b>15</b>	24.3	24.1	24.2	25.7	25.3	25.5	26.3	22.8	25.2	24.7	24.2	24.4
<b>16</b>	24.4	24.0	24.2	25.6	25.2	25.4	26.3	24.7	25.8	24.9	24.4	24.6
<b>17</b>	24.2	23.7	24.1	25.7	25.3	25.5	26.2	25.9	26.1	24.9	24.3	24.6
<b>18</b>	24.2	23.8	24.1	25.7	22.6	25.1	26.4	25.7	26.1	24.9	24.5	24.6
<b>19</b>	24.2	23.9	24.1	25.2	24.3	24.9	26.2	25.9	26.1	25.1	24.6	24.8
<b>20</b>	24.3	24.0	24.1	25.5	25.0	25.3	26.2	25.7	25.9	25.5	24.8	25.2
<b>21</b>	24.4	23.9	24.1	25.7	25.3	25.4	26.2	25.3	25.8	25.6	25.4	25.4
<b>22</b>	24.4	23.6	23.9	25.7	25.3	25.5	25.8	25.2	25.6	---	---	---
<b>23</b>	23.8	21.7	23.4	25.6	25.3	25.5	---	---	---	---	---	---
<b>24</b>	24.2	20.8	23.2	25.6	25.3	25.5	---	---	---	---	---	---
<b>25</b>	24.2	22.4	23.8	25.6	25.3	25.5	---	---	---	---	---	---
<b>26</b>	24.2	24.0	24.1	25.7	25.3	25.5	---	---	---	---	---	---
<b>27</b>	24.2	23.9	24.0	25.7	25.3	25.5	---	---	---	---	---	---
<b>28</b>	24.2	23.7	24.0	25.8	25.4	25.6	---	---	---	---	---	---
<b>29</b>	24.1	23.5	23.8	25.8	25.0	25.4	---	---	---	---	---	---
<b>30</b>	24.1	23.5	23.8	25.4	25.2	25.3	---	---	---	---	---	---
<b>31</b>	---	---	---	25.7	25.4	25.5	---	---	---	---	---	---
<b>Month</b>	24.6	20.8	24.0	---	---	---	---	---	---	---	---	---

01304057 FLAX POND AT OLD FIELD, NY—Continued



## 01304057 FLAX POND AT OLD FIELD, NY—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	7.2	4.6	6.4	11.6	8.0	9.1	9.6	8.5	9.0	14.0	10.4	11.7
2	12.7	6.5	8.1	11.9	8.3	9.4	12.6	8.6	10.0	12.2	9.8	10.9
3	11.1	6.4	7.8	11.6	7.7	8.9	12.2	9.2	10.2	12.9	10.3	11.3
4	9.2	7.0	7.7	8.8	6.7	8.0	12.1	9.4	10.3	13.4	10.7	11.7
5	10.5	6.8	7.6	9.1	5.7	7.9	11.8	9.7	10.3	12.6	10.8	11.6
6	9.3	5.0	7.1	10.4	7.5	8.6	11.8	10.0	10.7	12.8	10.6	11.6
7	9.0	5.9	7.3	10.6	8.4	9.0	11.6	9.9	10.9	12.2	10.9	11.4
8	9.2	6.2	7.5	9.8	8.6	9.2	12.1	10.2	11.2	12.1	10.6	11.2
9	8.8	5.9	7.3	10.2	8.6	9.2	13.3	10.2	11.6	13.6	10.9	11.8
10	8.7	6.1	7.3	10.0	8.4	9.0	15.0	10.0	11.4	16.6	11.4	12.7
11	8.5	5.7	7.2	10.3	8.5	9.1	12.3	9.6	10.9	17.0	11.4	12.8
12	8.3	5.6	7.1	11.0	8.5	9.3	11.3	8.9	10	14.1	11.3	12.3
13	9.6	6.0	7.6	11.4	8.1	9.2	12.0	8.7	9.8	15.2	11.8	12.7
14	9.9	5.7	7.4	11.9	7.9	9.1	14.4	9.6	11.0	17.1	11.7	13.1
15	9.2	6.3	7.9	11.1	7.8	8.9	13.9	10.3	11.9	16.1	11.6	13.5
16	9.5	7.5	8.5	11.2	7.7	8.7	14.4	10.4	11.9	14.5	11.7	12.8
17	10.2	7.2	8.3	10.0	7.7	8.6	14.4	10.1	11.8	15.7	11.6	12.7
18	10.6	6.7	8.3	11.8	8.7	9.7	13.7	10.1	11.6	13.1	11.4	12.0
19	10.6	6.6	8.0	11.9	8.7	9.7	13.1	10.2	11.3	13.6	10.8	12.0
20	10.2	6.0	7.9	11.6	8.5	9.7	12.7	10.3	11.1	14.1	10.8	12.5
21	9.4	5.8	7.8	11.6	8.7	9.9	11.8	10.5	11.1	13.4	11.5	12.3
22	9.8	7.7	8.7	10.9	8.3	9.3	12.2	10.6	11.1	15.5	11.7	13.2
23	10.9	8.3	9.3	9.9	7.4	8.9	11.9	10.6	11.2	14.2	12.4	13.2
24	9.4	6.3	8.3	10.5	8.6	9.5	12.3	10.9	11.3	18.5	12.1	13.9
25	9.2	6.3	7.7	10.4	8.6	9.6	12.3	10.5	11.4	16.8	12.5	13.8
26	9.1	5.5	7.4	9.8	8.2	8.9	12.3	10.5	11.1	14.6	12.4	13.1
27	8.2	4.4	6.9	11.4	8.6	9.8	12.1	10.9	11.5	14.6	11.9	12.7
28	9.0	5.9	7.5	12.4	9.4	10.5	13.4	11.4	12.0	17.0	12.0	13.4
29	10.2	6.1	8.2	12.9	9.0	10.3	13.6	10.9	11.8	16.1	12.6	13.7
30	11.4	7.7	9.0	12.8	8.9	10.0	13.6	10.8	11.6	15.4	12.6	13.9
31	10.8	7.6	8.9	---	---	---	13.8	10.7	11.8	15.6	12.4	13.9
Month	12.7	4.4	7.8	12.9	5.7	9.2	15.0	8.5	11.1	18.5	9.8	12.6

## 01304057 FLAX POND AT OLD FIELD, NY—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

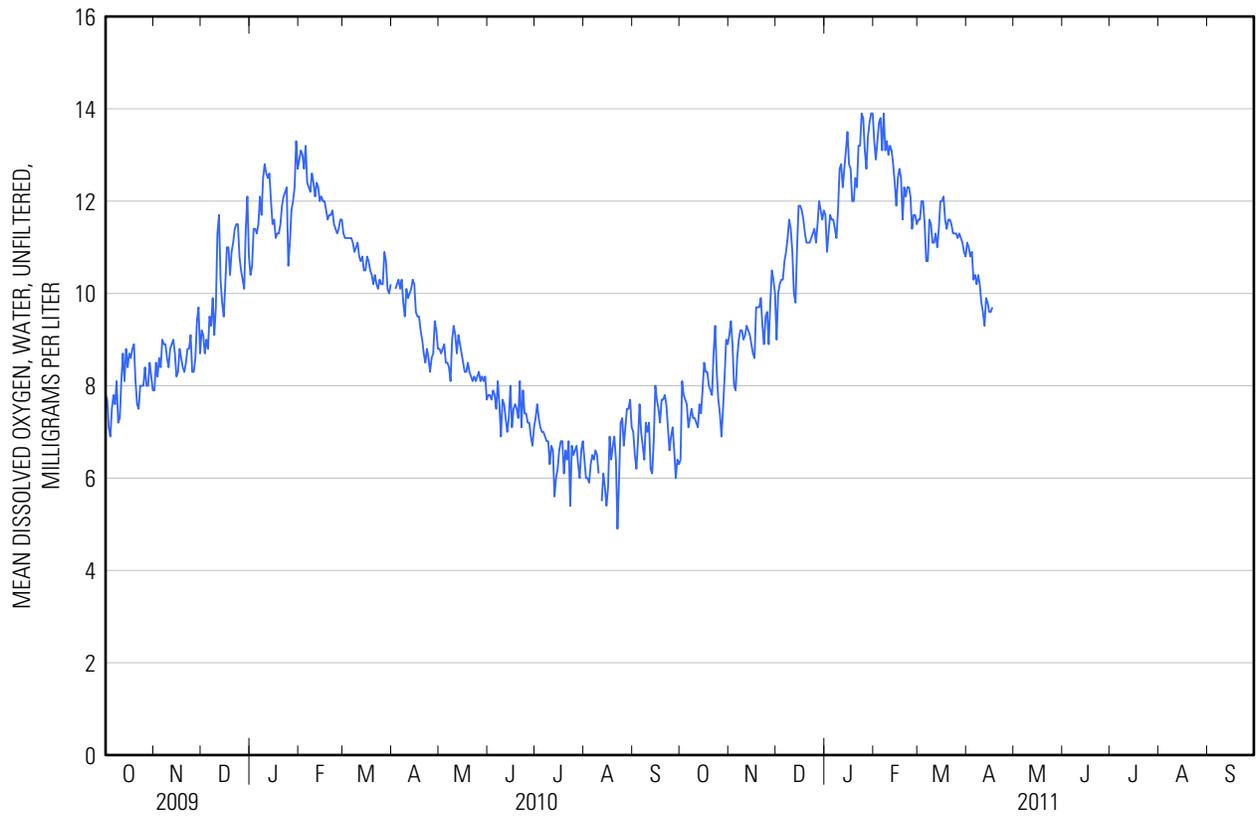
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	14.3	12.6	13.3	12.7	10.4	11.6	11.6	9.9	11.1	---	---	---
2	14.3	11.8	12.9	12.4	10.7	11.6	11.6	10.1	11.0	---	---	---
3	14.8	12.1	13.3	12.9	11.1	12.0	11.8	9.3	10.8	---	---	---
4	14.7	11.9	13.7	12.8	10.1	12.0	12.0	8.2	10.9	---	---	---
5	14.8	12.3	13.8	12.2	10.5	11.5	11.5	8.7	10.3	---	---	---
6	14.2	11.9	13.1	11.8	9.2	10.7	11.3	9.3	10.4	---	---	---
7	15.0	12.6	13.9	12.2	9.4	10.7	11.0	9.0	10.2	---	---	---
8	14.2	12.0	13.1	12.4	10.7	11.6	11.1	8.7	10.4	---	---	---
9	15.5	12.0	13.3	12.7	10.2	11.5	11.0	7.8	10.2	---	---	---
10	14.0	12.3	13.0	11.7	9.7	11.1	10.8	7.7	9.8	---	---	---
11	14.3	11.8	13.2	11.9	10.0	11.1	10.6	7.3	9.6	---	---	---
12	14.1	12.1	13.1	12.4	10.1	11.3	10.2	6.9	9.3	---	---	---
13	14.1	12.0	12.8	12.4	9.2	11.0	10.6	8.8	9.9	---	---	---
14	13.2	11.4	12.4	13.6	9.4	11.4	11.0	8.2	9.8	---	---	---
15	12.5	11.1	11.9	13.4	10.2	12.0	11.3	7.7	9.6	---	---	---
16	15.2	11.1	12.5	13.3	10.4	12.0	10.3	8.0	9.6	---	---	---
17	13.9	11.0	12.7	13.4	10.1	12.1	10.4	8.1	9.7	---	---	---
18	13.3	11.2	12.5	12.7	9.4	11.6	---	---	---	---	---	---
19	12.3	11.0	11.6	12.2	9.0	11.4	---	---	---	---	---	---
20	12.8	11.7	12.3	12.6	10.4	11.6	---	---	---	---	---	---
21	12.4	11.4	12.1	12.4	9.6	11.6	---	---	---	---	---	---
22	13.8	11.9	12.3	12.2	9.5	11.5	---	---	---	---	---	---
23	13.3	11.8	12.3	12.2	10.3	11.3	---	---	---	---	---	---
24	13.0	11.2	12.1	12.0	10.2	11.3	---	---	---	---	---	---
25	12.0	10.8	11.4	12.3	10.1	11.3	---	---	---	---	---	---
26	12.9	10.8	11.7	12.2	10.3	11.2	---	---	---	---	---	---
27	12.7	10.6	11.7	12.4	10.4	11.3	---	---	---	---	---	---
28	12.9	10.0	11.5	11.9	10.6	11.2	---	---	---	---	---	---
29	---	---	---	11.9	10.1	11.1	---	---	---	---	---	---
30	---	---	---	12.2	8.5	10.9	---	---	---	---	---	---
31	---	---	---	12.1	7.4	10.8	---	---	---	---	---	---
Month	15.5	10.0	12.6	13.6	7.4	11.4	---	---	---	---	---	---

01304057 FLAX POND AT OLD FIELD, NY—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
<b>Month</b>	---	---	---	---	---	---	---	---	---	---	---	---

01304057 FLAX POND AT OLD FIELD, NY—Continued



## 01304057 FLAX POND AT OLD FIELD, NY—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	7.8	7.4	7.6	8.1	7.9	7.9	8.0	7.7	7.9	8.1	7.9	8.0
2	8.1	7.5	7.8	8.1	7.8	7.9	8.2	7.7	7.9	8.0	7.9	7.9
3	8.1	7.6	7.8	8.1	7.8	7.9	8.2	7.8	7.9	8.1	7.8	7.9
4	7.9	7.7	7.8	7.9	7.7	7.9	8.2	7.9	8.0	8.1	7.9	8.0
5	7.9	7.6	7.8	7.9	7.6	7.8	8.1	7.9	8.0	8.1	7.9	8.0
6	8.0	7.4	7.8	8.0	7.7	7.9	8.1	7.9	8.0	8.1	7.9	8.0
7	8.0	7.5	7.8	8.0	7.8	7.9	8.0	7.9	7.9	8.1	7.9	8.0
8	7.9	7.6	7.8	7.9	7.8	7.9	8.0	7.8	7.9	8.0	7.9	8.0
9	7.9	7.6	7.8	8.0	7.8	7.9	8.0	7.9	8.0	8.1	7.9	8.0
10	7.9	7.6	7.8	7.9	7.8	7.9	8.1	7.9	8.0	8.2	7.9	8.0
11	7.9	7.6	7.8	7.9	7.8	7.9	8.0	7.9	8.0	8.2	8.0	8.1
12	7.9	7.5	7.8	8.0	7.8	7.9	8.0	7.9	7.9	8.3	7.9	8.1
13	7.9	7.6	7.8	8.0	7.8	7.9	8.1	7.8	7.9	8.1	7.9	8.0
14	7.9	7.6	7.8	8.1	7.8	7.9	8.3	7.9	8.0	8.2	8.0	8.1
15	8.0	7.6	7.8	8.0	7.8	7.9	8.2	7.9	8.0	8.2	8.0	8.1
16	8.1	7.8	7.9	8.0	7.8	7.9	8.1	7.9	8.0	8.3	8.0	8.1
17	8.0	7.8	7.9	8.1	7.7	7.9	8.2	7.9	8.0	8.2	8.0	8.1
18	8.0	7.7	7.8	8.1	7.8	7.9	8.2	7.9	8.0	8.2	8.0	8.0
19	8.0	7.7	7.8	8.2	7.8	7.9	8.2	7.9	8.0	8.2	7.9	8.0
20	8.0	7.7	7.8	8.1	7.8	8.0	8.1	7.9	8.0	8.2	8.0	8.1
21	8.1	7.6	7.9	8.1	7.9	8.0	8.0	7.8	7.9	8.2	8.0	8.1
22	8.1	7.8	7.9	8.0	7.8	7.9	8.0	7.8	7.9	8.3	8.0	8.2
23	8.1	7.9	8.0	8.0	7.8	7.9	8.0	7.8	7.9	8.2	8.1	8.2
24	8.0	7.7	7.9	8.0	7.8	7.9	8.0	7.8	7.9	8.3	8.1	8.2
25	8.0	7.7	7.9	8.0	7.9	7.9	8.0	7.9	7.9	8.3	8.0	8.2
26	8.0	7.6	7.9	8.0	7.8	7.9	8.0	7.9	7.9	8.3	8.1	8.1
27	7.9	7.4	7.8	8.0	7.8	8.0	7.9	7.8	7.8	8.2	8.0	8.1
28	8.0	7.6	7.8	8.2	7.9	7.9	7.9	7.8	7.9	8.4	8.1	8.2
29	8.0	7.7	7.9	8.2	7.9	7.9	8.1	7.9	7.9	8.3	8.1	8.2
30	8.1	7.8	8.0	8.2	7.8	7.9	8.1	7.9	7.9	8.4	8.2	8.2
31	8.2	7.8	8.0	---	---	---	8.1	7.9	8.0	8.3	8.2	8.3
<b>Max</b>	8.2	7.9	8.0	8.2	7.9	8.0	8.3	7.9	8.0	8.4	8.2	8.3
<b>Min</b>	7.8	7.4	7.6	7.9	7.6	7.8	7.9	7.7	7.8	8.0	7.8	7.9

## 01304057 FLAX POND AT OLD FIELD, NY—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

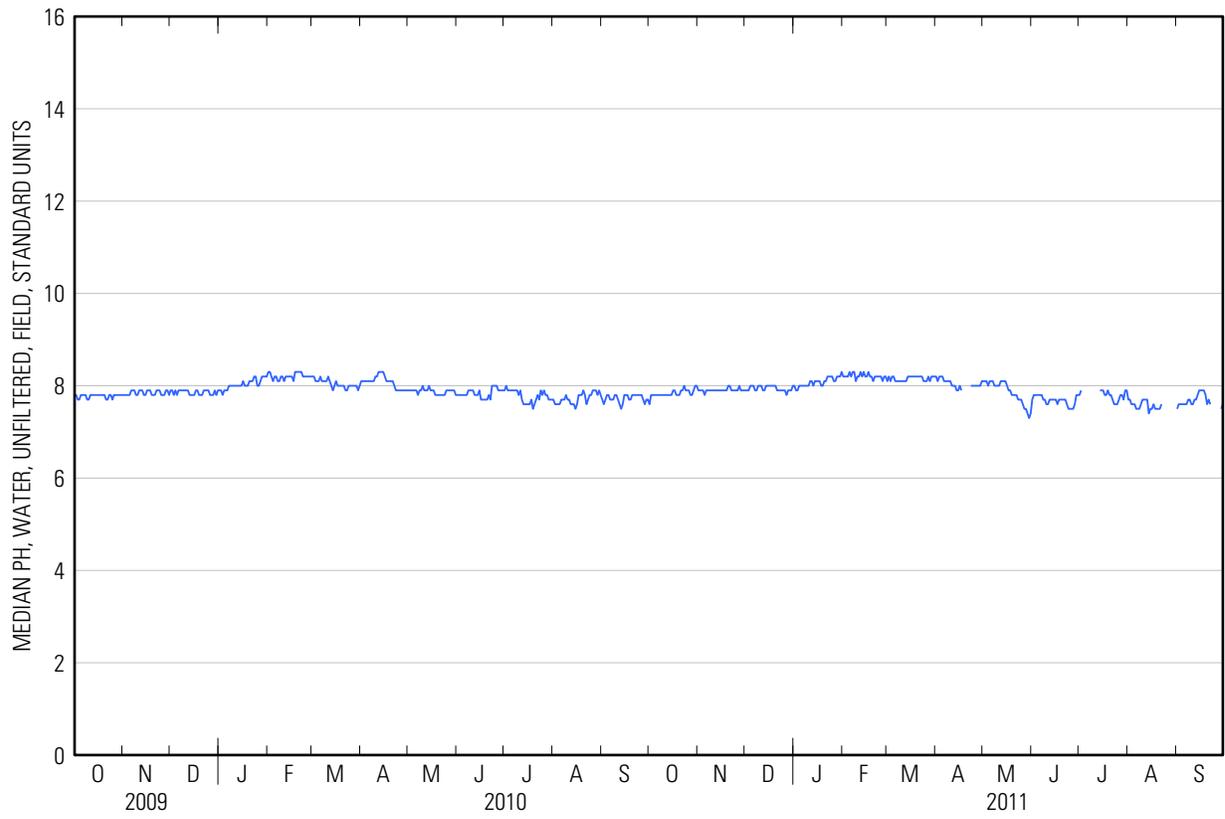
Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February			March			April			May		
1	8.3	8.1	8.2	8.2	8.0	8.1	8.2	8.0	8.2	8.3	7.8	8.1
2	8.2	8.0	8.2	8.3	8.1	8.2	8.3	8.1	8.1	8.2	7.8	8.1
3	8.2	8.0	8.2	8.2	8.0	8.1	8.3	8.0	8.2	8.2	7.7	8.1
4	8.3	8.1	8.2	8.2	8.0	8.2	8.3	8.0	8.2	8.2	7.7	8.0
5	8.3	8.2	8.3	8.2	8.1	8.2	8.2	7.9	8.2	8.2	7.9	8.1
6	8.3	8.1	8.2	8.2	8.0	8.1	8.2	7.9	8.1	8.2	7.9	8.1
7	8.4	8.2	8.3	8.1	8.0	8.1	8.2	7.9	8.1	8.2	7.8	8.1
8	8.3	8.1	8.3	8.1	8.0	8.1	8.2	8.0	8.1	8.2	7.6	8.0
9	8.3	8.0	8.1	8.1	8.0	8.1	8.2	7.9	8.1	8.2	7.7	8.0
10	8.3	8.0	8.2	8.1	7.9	8.1	8.1	7.9	8.1	8.2	7.7	8.0
11	8.3	8.1	8.2	8.1	7.9	8.1	8.1	7.8	8.0	8.2	7.6	8.0
12	8.3	8.2	8.3	8.2	8.0	8.1	8.1	7.8	8.0	8.2	7.6	8.1
13	8.3	8.2	8.2	8.2	8.0	8.1	8.1	7.8	8.0	8.2	7.4	8.1
14	8.3	8.2	8.3	8.3	8.1	8.2	8.1	7.6	7.9	8.3	7.6	8.1
15	8.2	8.1	8.2	8.3	8.1	8.2	8.0	7.7	7.9	8.3	7.4	8.1
16	8.3	8.1	8.2	8.2	8.1	8.2	8.0	7.8	8.0	8.1	7.4	8.0
17	8.3	8.1	8.3	8.2	8.1	8.2	8.0	7.7	7.9	8.0	7.5	7.9
18	8.3	8.1	8.2	8.3	8.0	8.2	---	---	---	8.0	7.5	7.9
19	8.2	8.0	8.2	8.3	8.0	8.2	---	---	---	8.0	7.6	7.8
20	8.2	8.0	8.1	8.2	8.1	8.2	---	---	---	8.1	7.5	7.8
21	8.2	8.1	8.2	8.2	8.0	8.2	---	---	---	8.1	7.4	7.8
22	8.2	8.1	8.2	8.2	8.1	8.2	---	---	---	7.9	7.4	7.8
23	8.2	8.1	8.2	8.2	8.0	8.2	8.1	7.8	8.0	7.9	7.3	7.7
24	8.3	8.2	8.2	8.2	8.0	8.1	8.1	7.9	8.0	8.0	7.2	7.7
25	8.3	8.0	8.2	8.2	8.1	8.1	8.2	7.8	8.0	8.0	7.3	7.7
26	8.2	8.0	8.1	8.2	8.0	8.1	8.2	7.9	8.0	7.9	7.2	7.6
27	8.3	8.1	8.2	8.3	8.0	8.2	8.2	7.7	8.0	7.9	7.1	7.5
28	8.3	8.1	8.2	8.3	8.0	8.1	8.1	7.6	8.0	7.8	7.1	7.5
29	---	---	---	8.3	8.0	8.2	8.2	7.7	8.0	7.8	7.1	7.4
30	---	---	---	8.3	8.0	8.2	8.3	7.7	8.1	7.8	7.1	7.3
31	---	---	---	8.3	8.0	8.2	---	---	---	7.8	7.1	7.4
<b>Max</b>	8.4	8.2	8.3	8.3	8.1	8.2	---	---	---	8.3	7.9	8.1
<b>Min</b>	8.2	8.0	8.1	8.1	7.9	8.1	---	---	---	7.8	7.1	7.3

## 01304057 FLAX POND AT OLD FIELD, NY—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	8.0	7.1	7.7	8.1	7.2	7.8	7.9	7.3	7.7	8.0	7.2	7.5
2	8.0	7.3	7.8	8.1	7.3	7.9	7.9	7.3	7.7	7.9	7.2	7.6
3	8.0	7.4	7.8	---	---	---	7.8	7.1	7.6	8.0	7.2	7.6
4	8.0	7.4	7.8	---	---	---	7.8	7.2	7.6	7.9	7.2	7.6
5	8.0	7.4	7.8	---	---	---	7.9	7.3	7.6	7.9	7.2	7.6
6	8.0	7.4	7.8	---	---	---	7.9	7.1	7.5	7.8	7.2	7.6
7	8.0	7.4	7.8	---	---	---	7.9	7.2	7.5	7.8	7.3	7.6
8	8.0	7.3	7.7	---	---	---	8.0	7.1	7.5	8.0	7.3	7.7
9	7.9	7.2	7.7	---	---	---	7.8	7.1	7.6	7.9	7.2	7.7
10	8.0	7.3	7.6	---	---	---	8.0	7.1	7.7	7.7	7.2	7.6
11	7.8	7.1	7.6	---	---	---	7.9	7.1	7.7	7.7	7.2	7.6
12	7.8	7.1	7.7	---	---	---	7.8	7.1	7.7	7.8	7.1	7.7
13	7.9	7.2	7.7	---	---	---	7.8	7.1	7.7	8.0	7.1	7.7
14	7.9	7.2	7.7	8.1	7.6	7.9	7.7	6.9	7.4	8.2	7.1	7.8
15	7.9	7.3	7.7	8.1	7.4	7.9	7.7	7.1	7.5	8.2	7.3	7.9
16	8.0	7.2	7.7	8.1	7.4	7.9	7.7	7.2	7.5	8.1	7.5	7.9
17	7.9	7.2	7.6	8.0	7.4	7.8	7.8	7.2	7.6	8.1	7.6	7.9
18	7.9	7.3	7.7	8.0	7.3	7.8	7.9	7.3	7.5	8.1	7.6	7.9
19	8.0	7.2	7.7	8.2	7.6	7.9	7.8	7.2	7.5	7.9	7.6	7.8
20	8.0	7.2	7.7	8.1	7.5	7.8	7.9	7.2	7.5	7.8	7.4	7.6
21	8.1	7.1	7.7	8.0	7.4	7.8	7.9	7.3	7.5	8.0	7.3	7.7
22	8.1	7.1	7.7	8.0	7.3	7.7	8.0	7.2	7.6	7.9	7.4	7.6
23	8.0	7.1	7.6	8.0	7.3	7.6	---	---	---	---	---	---
24	7.7	7.1	7.5	8.0	7.2	7.6	---	---	---	---	---	---
25	7.7	7.1	7.5	7.9	7.1	7.6	---	---	---	---	---	---
26	7.9	7.2	7.5	8.1	7.1	7.7	---	---	---	---	---	---
27	7.9	7.1	7.5	8.3	7.1	7.8	---	---	---	---	---	---
28	7.9	7.1	7.6	8.1	7.3	7.8	---	---	---	---	---	---
29	8.0	7.1	7.8	7.9	7.3	7.7	---	---	---	7.7	7.3	7.5
30	8.0	7.1	7.8	8.2	7.4	7.9	---	---	---	7.8	7.3	7.6
31	---	---	---	8.2	7.3	7.9	---	---	---	---	---	---
<b>Max</b>	8.1	7.4	7.8	---	---	---	---	---	---	---	---	---
<b>Min</b>	7.7	7.1	7.5	---	---	---	---	---	---	---	---	---

01304057 FLAX POND AT OLD FIELD, NY—Continued



## 01304057 FLAX POND AT OLD FIELD, NY—Continued

**TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[&lt;, less than]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	37	1.7	7.8	22	0.4	4.6	40	0.7	6.9	12	1.1	1.9
2	71	1.5	11	20	0.8	4.3	30	0.7	5.3	10	0.8	1.7
3	40	2.2	7.3	12	0.5	3.1	6.2	0.5	1.6	33	1.5	7.0
4	34	2.4	7.5	9.6	0.2	3.2	7.1	0.7	1.8	13	1.1	2.8
5	31	1.6	5.8	7.9	0.9	3.1	16	0.5	2.1	13	1.2	3.9
6	22	1.4	4.5	11	0.8	3.4	41	1.4	7.0	4.0	0.8	1.8
7	39	<0.1	7.9	32	1.3	5.7	30	3.5	8.2	2.8	0.4	1.2
8	24	1.6	5.7	58	4.3	17	28	2.1	6.4	4.3	0.7	1.3
9	19	1.1	5.0	30	2.4	9.5	7.3	1.3	3.3	38	0.9	8.7
10	22	1.1	3.6	8.9	1.4	3.7	4.8	0.5	1.5	20	4.0	7.7
11	11	1.0	3.6	8.6	0.2	2.5	4.3	0.4	0.8	19	1.1	3.7
12	20	<0.1	3.7	5.8	0.9	2.1	11	0.1	1.6	35	2.4	13
13	12	0.8	3.5	7.1	0.6	2.6	7.0	0.4	1.5	20	3.7	7.2
14	14	0.1	3.6	12	0.5	3.1	7.0	1.3	2.4	7.3	1.7	3.3
15	56	2.2	13	12	0.6	3.0	15	1.6	4.8	5.3	1.1	2.8
16	57	5.8	14	12	0.7	3.9	5.7	0.6	2.5	34	1.3	7.2
17	28	1.8	6.6	36	0.8	8.2	2.9	0.7	1.3	23	1.0	4.7
18	29	1.4	6.6	42	1.8	8.0	2.6	0.5	1.0	21	1.1	4.8
19	16	0.6	4.0	10	0.8	3.0	6.2	0.6	1.5	27	2.0	7.5
20	13	0.3	3.2	3.9	0.7	1.6	24	1.0	6.8	29	1.4	6.4
21	17	0.5	4.0	4.7	0.6	1.8	80	8.0	26	67	1.1	10
22	23	1.4	7.9	7.4	0.4	1.9	63	3.1	13	7.5	2.2	4.3
23	14	1.3	5.0	6.9	0.4	2.7	50	4.3	14	27	1.8	5.5
24	23	0.3	4.5	20	1.0	5.2	20	2.6	6.0	22	1.4	4.0
25	19	0.4	4.5	52	0.6	2.1	10	1.1	2.1	160	1.3	8.7
26	19	0.5	5.4	3.6	0.6	1.4	44	0.9	7.7	15	1.4	3.6
27	25	<0.1	5.7	17	0.9	2.9	230	22	67	15	2.8	6.9
28	14	0.3	4.1	5.8	0.4	1.9	170	10	24	10	1.4	4.4
29	29	0.9	6.1	4.5	0.4	1.3	67	3.2	8.3	48	0.1	6.1
30	170	1.0	8.4	10	0.5	2.1	16	1.6	3.3	74	1.4	3.7
31	13	1.7	5.0	---	---	---	48	0.4	2.8	6.4	1.7	3.1
<b>Month</b>	170	<0.1	6.1	58	0.2	4.0	230	0.1	7.8	160	0.1	5.1

01304057 FLAX POND AT OLD FIELD, NY—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

[<, less than]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	<b>February</b>			<b>March</b>			<b>April</b>			<b>May</b>		
1	14	2.0	4.8	24	0.9	5.7	6.5	0.9	2.4	---	---	---
2	22	2.2	5.8	20	0.6	3.8	9.9	0.9	2.3	---	---	---
3	54	2.3	9.7	21	1.1	7.2	6.6	0.8	2.1	---	---	---
4	8.1	2.0	3.2	17	0.6	2.5	18	0.9	2.1	---	---	---
5	8.4	2.2	2.9	11	0.6	2.0	52	0.8	3.0	---	---	---
6	27	2.3	5.8	17	0.7	2.6	9.3	1.3	2.9	---	---	---
7	6.1	1.8	3.4	18	1.0	5.7	6.3	0.9	1.8	---	---	---
8	210	1.9	27	12	0.9	2.6	3.9	0.8	1.3	---	---	---
9	55	7.2	18	11	0.4	2.5	3.0	0.8	1.2	---	---	---
10	13	3.4	6.3	27	1.2	4.1	3.1	0.8	1.4	---	---	---
11	9.7	1.7	3.3	7.5	0.9	2.2	7.2	0.8	1.4	---	---	---
12	62	1.2	6.5	7.2	0.6	1.9	10	0.8	1.8	---	---	---
13	26	1.5	7.9	4.8	1.0	1.8	14	2.0	4.4	---	---	---
14	22	1.3	6.0	3.6	0.6	1.6	72	0.9	2.4	---	---	---
15	51	5.3	20	2.2	0.4	1.1	74	0.9	2.6	---	---	---
16	24	1.0	8.4	2.4	0.6	1.0	24	1.1	4.2	---	---	---
17	37	1.1	8.5	6.7	0.4	0.9	27	2.0	4.2	---	---	---
18	99	0.6	11	3.1	0.4	0.8	---	---	---	---	---	---
19	190	1.4	42	7.7	0.4	1.1	---	---	---	---	---	---
20	160	4.6	25	7.5	0.5	1.0	---	---	---	---	---	---
21	93	1.1	13	17	0.4	1.0	---	---	---	---	---	---
22	100	1.9	10	3.4	0.4	1.0	---	---	---	---	---	---
23	65	0.9	11	3.7	0.5	1.2	---	---	---	---	---	---
24	34	<0.1	3.6	6.0	1.0	1.6	---	---	---	---	---	---
25	70	0.2	6.8	18	0.9	3.0	---	---	---	---	---	---
26	44	1.4	8.2	7.8	1.3	3.0	---	---	---	---	---	---
27	11	0.5	2.2	16	1.1	3.4	---	---	---	---	---	---
28	8.3	0.6	1.4	17	1.2	3.8	---	---	---	---	---	---
29	---	---	---	10	1.3	3.2	---	---	---	---	---	---
30	---	---	---	7.8	0.6	2.3	---	---	---	---	---	---
31	---	---	---	6.4	0.6	2.0	---	---	---	---	---	---
<b>Month</b>	210	<0.1	10	27	0.4	2.5	---	---	---	---	---	---

01304057 FLAX POND AT OLD FIELD, NY—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS  
 WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

[<, less than]

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
<b>Month</b>	---	---	---	---	---	---	---	---	---	---	---	---

01304057 FLAX POND AT OLD FIELD, NY—Continued

