

Water-Data Report 2013

**01376269 HUDSON RIVER AT PIERMONT, NY**

Lower Hudson Basin  
Lower Hudson Subbasin

LOCATION.--Lat 41°02'35.5", long 73°53'45.8" referenced to North American Datum of 1983, Rockland County, NY, Hydrologic Unit 02030101, on right bank on upstream landward facing section of concrete pier, at east end of Ferry Road, 1.3 mi east of Piermont, and 24.9 mi north of the Battery.

DRAINAGE AREA.--13,125 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--November 2010 to February 2012, June to September 2013.

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

REMARKS.--Elevations are not corrected for changes in water density. Blanks in tables are the result of only one high or low tide during a day or interruption of record. Satellite elevation, temperature, and specific conductance telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 7.40 ft, Aug. 28, 2011; minimum elevation, -3.11 ft, Dec. 27, 2010.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Oct. 29, 2012, reached an elevation of 10.68 ft, from floodmark.

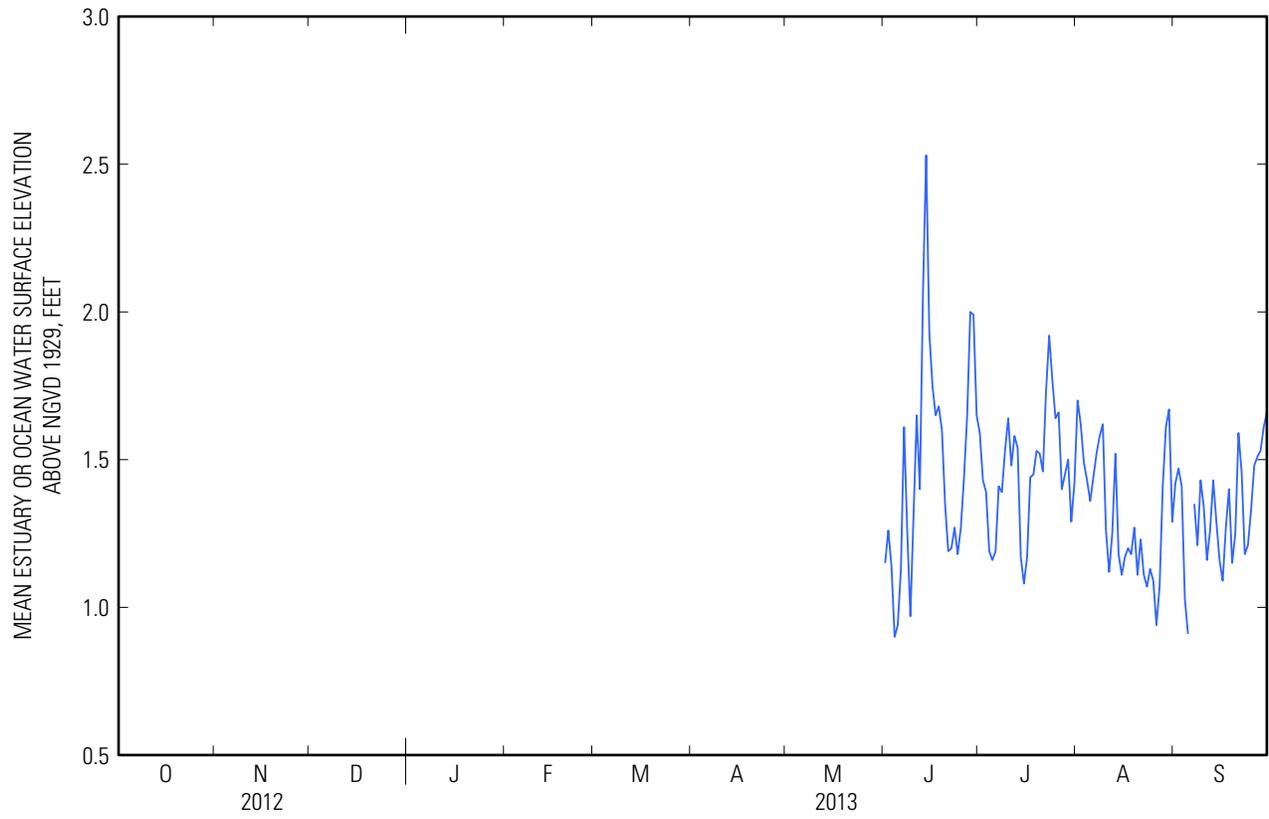
EXTREMES FOR CURRENT YEAR.--(June to September).--Maximum elevation, 4.62 ft, July 23; minimum elevation, -1.47 ft, June 21.

## 01376269 HUDSON RIVER AT PIERMONT, NY—Continued

**ESTUARY OR OCEAN WATER SURFACE ELEVATION ABOVE NGVD 1929, FEET**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	1.15	1.59	1.70	1.42
2	---	---	---	---	---	---	---	---	1.26	1.43	1.62	1.47
3	---	---	---	---	---	---	---	---	1.14	1.39	1.49	1.41
4	---	---	---	---	---	---	---	---	0.90	1.19	1.43	1.03
5	---	---	---	---	---	---	---	---	0.94	1.16	1.36	0.91
6	---	---	---	---	---	---	---	---	1.13	1.19	1.44	---
7	---	---	---	---	---	---	---	---	1.61	1.41	1.52	1.35
8	---	---	---	---	---	---	---	---	1.26	1.39	1.58	1.21
9	---	---	---	---	---	---	---	---	0.97	1.53	1.62	1.43
10	---	---	---	---	---	---	---	---	1.31	1.64	1.26	1.34
11	---	---	---	---	---	---	---	---	1.65	1.48	1.12	1.16
12	---	---	---	---	---	---	---	---	1.40	1.58	1.25	1.26
13	---	---	---	---	---	---	---	---	2.07	1.54	1.52	1.43
14	---	---	---	---	---	---	---	---	2.53	1.17	1.18	1.29
15	---	---	---	---	---	---	---	---	1.93	1.08	1.11	1.16
16	---	---	---	---	---	---	---	---	1.75	1.17	1.17	1.09
17	---	---	---	---	---	---	---	---	1.65	1.44	1.20	1.27
18	---	---	---	---	---	---	---	---	1.68	1.45	1.18	1.40
19	---	---	---	---	---	---	---	---	1.60	1.53	1.27	1.15
20	---	---	---	---	---	---	---	---	1.35	1.52	1.11	1.25
21	---	---	---	---	---	---	---	---	1.19	1.46	1.23	1.59
22	---	---	---	---	---	---	---	---	1.20	1.73	1.11	1.46
23	---	---	---	---	---	---	---	---	1.27	1.92	1.07	1.18
24	---	---	---	---	---	---	---	---	1.18	1.77	1.13	1.21
25	---	---	---	---	---	---	---	---	1.27	1.64	1.09	1.33
26	---	---	---	---	---	---	---	---	1.44	1.66	0.94	1.48
27	---	---	---	---	---	---	---	---	1.65	1.40	1.07	1.51
28	---	---	---	---	---	---	---	---	2.00	1.45	1.41	1.53
29	---	---	---	---	---	---	---	---	1.99	1.50	1.61	1.61
30	---	---	---	---	---	---	---	---	1.65	1.29	1.67	1.66
31	---	---	---	---	---	---	---	---	---	1.42	1.29	---
<b>Mean</b>	---	---	---	---	---	---	---	---	1.47	1.46	1.31	---
<b>Max</b>	---	---	---	---	---	---	---	---	2.53	1.92	1.70	---
<b>Min</b>	---	---	---	---	---	---	---	---	0.90	1.08	0.94	---

01376269 HUDSON RIVER AT PIERMONT, NY—Continued

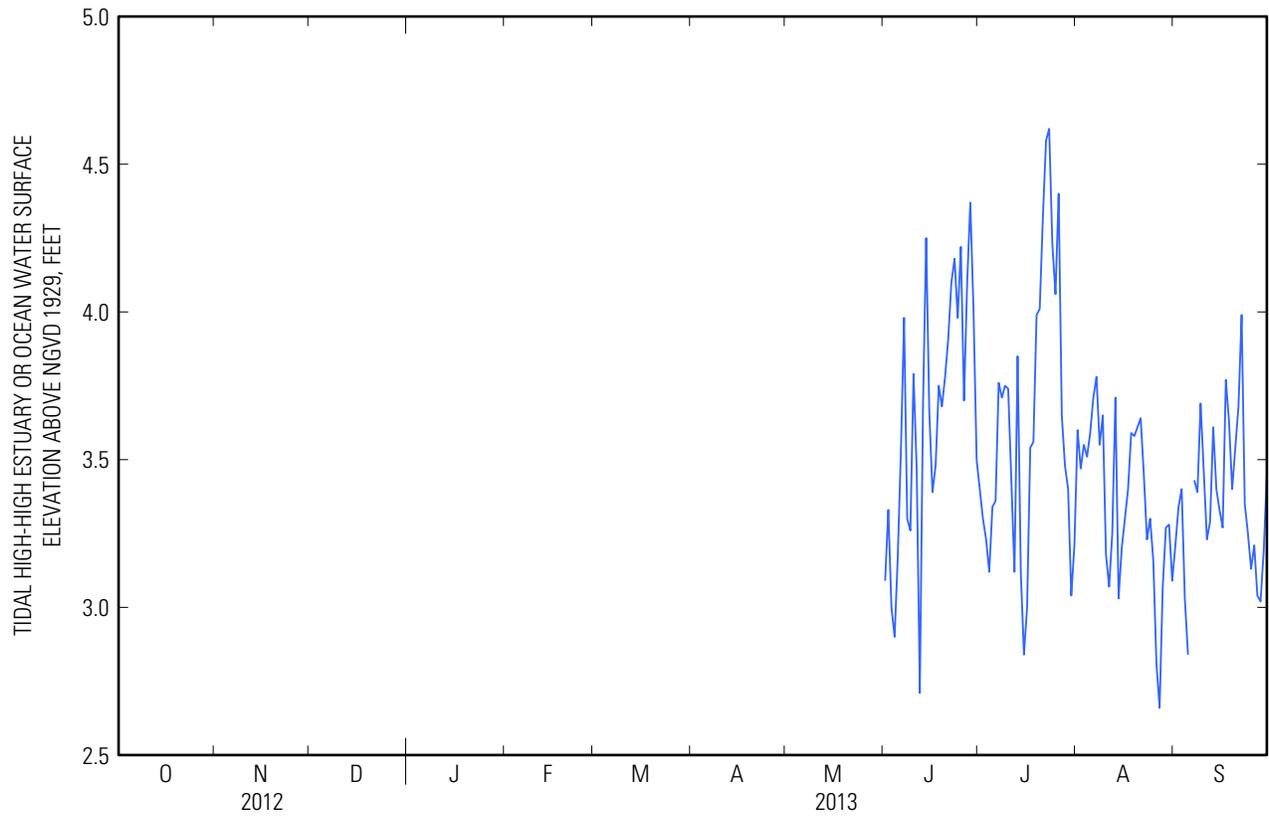


## 01376269 HUDSON RIVER AT PIERMONT, NY—Continued

**ESTUARY OR OCEAN WATER SURFACE ELEVATION ABOVE NGVD 1929, FEET**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**  
**DAILY TIDAL HIGH-HIGH VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	3.09	3.40	3.60	3.21
2	---	---	---	---	---	---	---	---	3.33	3.30	3.47	3.34
3	---	---	---	---	---	---	---	---	3.00	3.23	3.55	3.40
4	---	---	---	---	---	---	---	---	2.90	3.12	3.51	3.03
5	---	---	---	---	---	---	---	---	3.17	3.34	3.59	2.84
6	---	---	---	---	---	---	---	---	3.53	3.36	3.71	---
7	---	---	---	---	---	---	---	---	3.98	3.76	3.78	3.43
8	---	---	---	---	---	---	---	---	3.30	3.71	3.55	3.39
9	---	---	---	---	---	---	---	---	3.26	3.75	3.65	3.69
10	---	---	---	---	---	---	---	---	3.79	3.74	3.18	3.46
11	---	---	---	---	---	---	---	---	3.47	3.43	3.07	3.23
12	---	---	---	---	---	---	---	---	2.71	3.12	3.25	3.29
13	---	---	---	---	---	---	---	---	3.68	3.85	3.71	3.61
14	---	---	---	---	---	---	---	---	4.25	3.12	3.03	3.40
15	---	---	---	---	---	---	---	---	3.66	2.84	3.20	3.33
16	---	---	---	---	---	---	---	---	3.39	3.00	3.30	3.27
17	---	---	---	---	---	---	---	---	3.48	3.54	3.40	3.77
18	---	---	---	---	---	---	---	---	3.75	3.56	3.59	3.63
19	---	---	---	---	---	---	---	---	3.68	3.99	3.58	3.40
20	---	---	---	---	---	---	---	---	3.78	4.01	3.61	3.54
21	---	---	---	---	---	---	---	---	3.91	4.32	3.64	3.68
22	---	---	---	---	---	---	---	---	4.10	4.58	3.45	3.99
23	---	---	---	---	---	---	---	---	4.18	4.62	3.23	3.35
24	---	---	---	---	---	---	---	---	3.98	4.23	3.30	3.25
25	---	---	---	---	---	---	---	---	4.22	4.06	3.16	3.13
26	---	---	---	---	---	---	---	---	3.70	4.40	2.81	3.21
27	---	---	---	---	---	---	---	---	4.10	3.65	2.66	3.04
28	---	---	---	---	---	---	---	---	4.37	3.48	3.07	3.02
29	---	---	---	---	---	---	---	---	4.01	3.40	3.27	3.19
30	---	---	---	---	---	---	---	---	3.50	3.04	3.28	3.45
31	---	---	---	---	---	---	---	---	---	3.21	3.09	---
<b>Mean</b>	---	---	---	---	---	---	---	---	3.64	3.62	3.36	---
<b>Max</b>	---	---	---	---	---	---	---	---	4.37	4.62	3.78	---
<b>Min</b>	---	---	---	---	---	---	---	---	2.71	2.84	2.66	---

01376269 HUDSON RIVER AT PIERMONT, NY—Continued

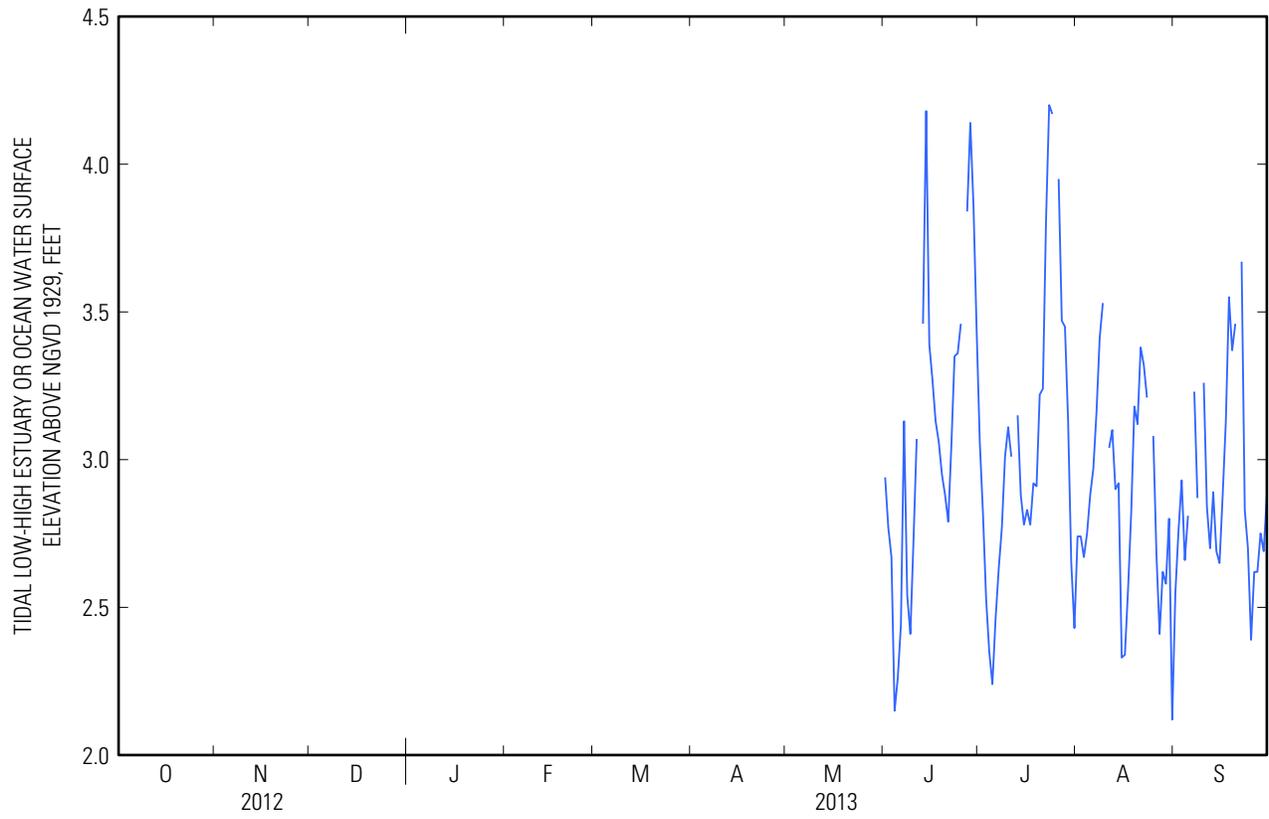


## 01376269 HUDSON RIVER AT PIERMONT, NY—Continued

**ESTUARY OR OCEAN WATER SURFACE ELEVATION ABOVE NGVD 1929, FEET**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**  
**DAILY TIDAL LOW-HIGH VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	2.94	3.06	2.74	2.55
2	---	---	---	---	---	---	---	---	2.77	2.82	2.74	2.76
3	---	---	---	---	---	---	---	---	2.67	2.53	2.67	2.93
4	---	---	---	---	---	---	---	---	2.15	2.35	2.75	2.66
5	---	---	---	---	---	---	---	---	2.26	2.24	2.88	2.81
6	---	---	---	---	---	---	---	---	2.44	2.46	2.97	---
7	---	---	---	---	---	---	---	---	3.13	2.63	3.16	3.23
8	---	---	---	---	---	---	---	---	2.54	2.77	3.41	2.87
9	---	---	---	---	---	---	---	---	2.41	3.01	3.53	---
10	---	---	---	---	---	---	---	---	2.73	3.11	---	3.26
11	---	---	---	---	---	---	---	---	3.07	3.01	3.04	2.84
12	---	---	---	---	---	---	---	---	---	---	3.10	2.70
13	---	---	---	---	---	---	---	---	3.46	3.15	2.90	2.89
14	---	---	---	---	---	---	---	---	4.18	2.88	2.92	2.69
15	---	---	---	---	---	---	---	---	3.39	2.78	2.33	2.65
16	---	---	---	---	---	---	---	---	3.27	2.83	2.34	2.88
17	---	---	---	---	---	---	---	---	3.13	2.78	2.56	3.13
18	---	---	---	---	---	---	---	---	3.06	2.92	2.82	3.55
19	---	---	---	---	---	---	---	---	2.95	2.91	3.18	3.37
20	---	---	---	---	---	---	---	---	2.88	3.22	3.12	3.46
21	---	---	---	---	---	---	---	---	2.79	3.24	3.38	---
22	---	---	---	---	---	---	---	---	3.05	3.81	3.32	3.67
23	---	---	---	---	---	---	---	---	3.35	4.20	3.21	2.83
24	---	---	---	---	---	---	---	---	3.36	4.17	---	2.70
25	---	---	---	---	---	---	---	---	3.46	---	3.08	2.39
26	---	---	---	---	---	---	---	---	---	3.95	2.68	2.62
27	---	---	---	---	---	---	---	---	3.84	3.47	2.41	2.62
28	---	---	---	---	---	---	---	---	4.14	3.45	2.62	2.75
29	---	---	---	---	---	---	---	---	3.86	3.13	2.58	2.69
30	---	---	---	---	---	---	---	---	3.44	2.65	2.80	2.88
31	---	---	---	---	---	---	---	---	---	2.43	2.12	---
<b>Mean</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Max</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Min</b>	---	---	---	---	---	---	---	---	---	---	---	---

01376269 HUDSON RIVER AT PIERMONT, NY—Continued

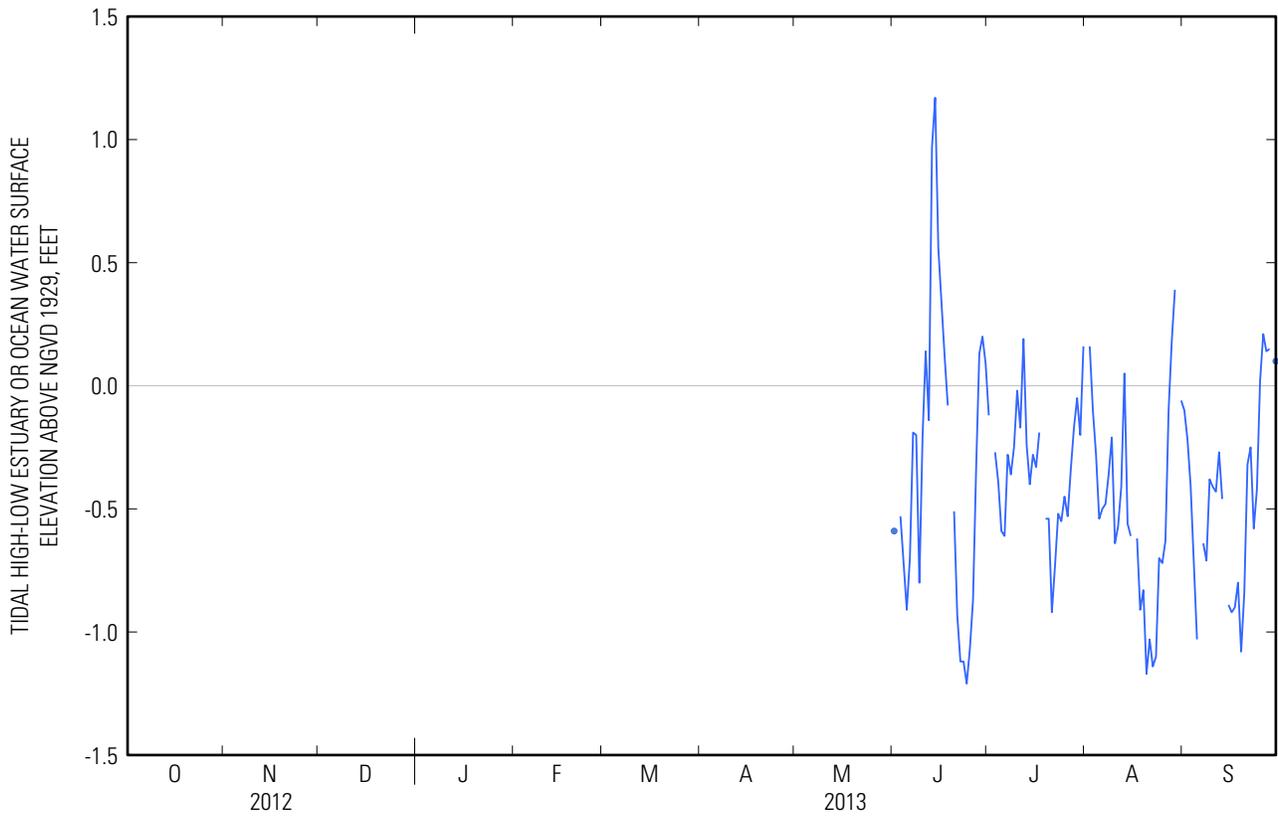


## 01376269 HUDSON RIVER AT PIERMONT, NY—Continued

**ESTUARY OR OCEAN WATER SURFACE ELEVATION ABOVE NGVD 1929, FEET**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**  
**DAILY TIDAL HIGH-LOW VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	-0.59	-0.12	---	-0.10
2	---	---	---	---	---	---	---	---	---	---	0.16	-0.22
3	---	---	---	---	---	---	---	---	-0.53	-0.27	-0.10	-0.41
4	---	---	---	---	---	---	---	---	-0.72	-0.39	-0.28	-0.72
5	---	---	---	---	---	---	---	---	-0.91	-0.59	-0.54	-1.03
6	---	---	---	---	---	---	---	---	-0.70	-0.61	-0.50	---
7	---	---	---	---	---	---	---	---	-0.19	-0.28	-0.48	-0.64
8	---	---	---	---	---	---	---	---	-0.20	-0.36	-0.36	-0.71
9	---	---	---	---	---	---	---	---	-0.80	-0.25	-0.21	-0.38
10	---	---	---	---	---	---	---	---	-0.21	-0.02	-0.64	-0.41
11	---	---	---	---	---	---	---	---	0.14	-0.17	-0.57	-0.43
12	---	---	---	---	---	---	---	---	-0.14	0.19	-0.41	-0.27
13	---	---	---	---	---	---	---	---	0.97	-0.24	0.05	-0.46
14	---	---	---	---	---	---	---	---	1.17	-0.40	-0.56	---
15	---	---	---	---	---	---	---	---	0.56	-0.28	-0.61	-0.89
16	---	---	---	---	---	---	---	---	0.34	-0.33	---	-0.92
17	---	---	---	---	---	---	---	---	0.12	-0.19	-0.62	-0.90
18	---	---	---	---	---	---	---	---	-0.08	---	-0.91	-0.80
19	---	---	---	---	---	---	---	---	---	-0.54	-0.83	-1.08
20	---	---	---	---	---	---	---	---	-0.51	-0.54	-1.17	-0.84
21	---	---	---	---	---	---	---	---	-0.93	-0.92	-1.03	-0.32
22	---	---	---	---	---	---	---	---	-1.12	-0.73	-1.14	-0.25
23	---	---	---	---	---	---	---	---	-1.12	-0.52	-1.10	-0.58
24	---	---	---	---	---	---	---	---	-1.21	-0.55	-0.70	-0.42
25	---	---	---	---	---	---	---	---	-1.07	-0.45	-0.72	0.02
26	---	---	---	---	---	---	---	---	-0.87	-0.53	-0.63	0.21
27	---	---	---	---	---	---	---	---	-0.33	-0.34	-0.10	0.14
28	---	---	---	---	---	---	---	---	0.13	-0.17	0.18	0.15
29	---	---	---	---	---	---	---	---	0.20	-0.05	0.39	---
30	---	---	---	---	---	---	---	---	0.09	-0.20	---	0.10
31	---	---	---	---	---	---	---	---	---	0.16	-0.06	---
<b>Mean</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Max</b>	---	---	---	---	---	---	---	---	---	---	---	---
<b>Min</b>	---	---	---	---	---	---	---	---	---	---	---	---

01376269 HUDSON RIVER AT PIERMONT, NY—Continued

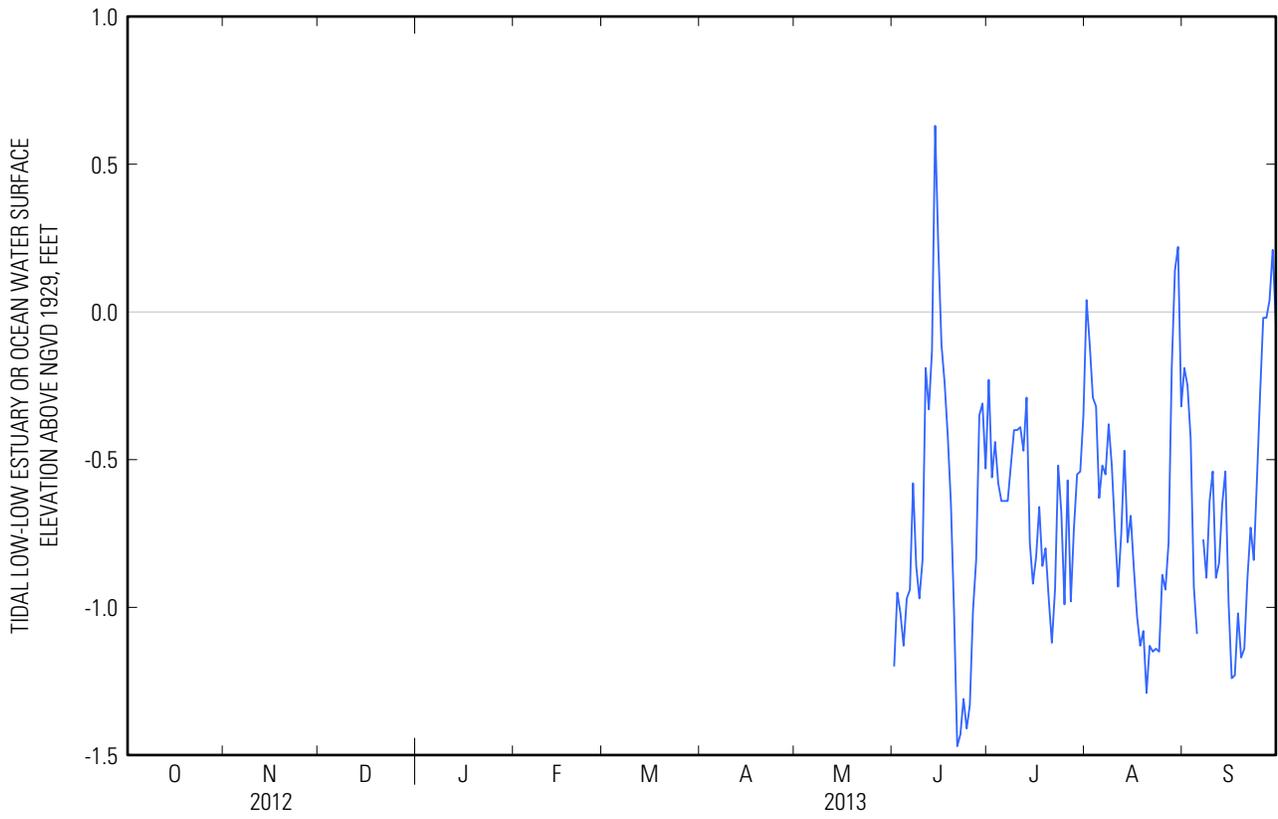


## 01376269 HUDSON RIVER AT PIERMONT, NY—Continued

**ESTUARY OR OCEAN WATER SURFACE ELEVATION ABOVE NGVD 1929, FEET**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**  
**DAILY TIDAL LOW-LOW VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	-1.20	-0.23	0.04	-0.19
2	---	---	---	---	---	---	---	---	-0.95	-0.56	-0.11	-0.25
3	---	---	---	---	---	---	---	---	-1.02	-0.44	-0.29	-0.43
4	---	---	---	---	---	---	---	---	-1.13	-0.58	-0.32	-0.93
5	---	---	---	---	---	---	---	---	-0.97	-0.64	-0.63	-1.09
6	---	---	---	---	---	---	---	---	-0.94	-0.64	-0.52	---
7	---	---	---	---	---	---	---	---	-0.58	-0.64	-0.55	-0.77
8	---	---	---	---	---	---	---	---	-0.86	-0.52	-0.38	-0.90
9	---	---	---	---	---	---	---	---	-0.97	-0.40	-0.52	-0.64
10	---	---	---	---	---	---	---	---	-0.84	-0.40	-0.74	-0.54
11	---	---	---	---	---	---	---	---	-0.19	-0.39	-0.93	-0.90
12	---	---	---	---	---	---	---	---	-0.33	-0.47	-0.75	-0.85
13	---	---	---	---	---	---	---	---	-0.13	-0.29	-0.47	-0.65
14	---	---	---	---	---	---	---	---	0.63	-0.78	-0.78	-0.54
15	---	---	---	---	---	---	---	---	0.22	-0.92	-0.69	-0.98
16	---	---	---	---	---	---	---	---	-0.11	-0.83	-0.87	-1.24
17	---	---	---	---	---	---	---	---	-0.24	-0.66	-1.03	-1.23
18	---	---	---	---	---	---	---	---	-0.42	-0.86	-1.13	-1.02
19	---	---	---	---	---	---	---	---	-0.65	-0.80	-1.08	-1.17
20	---	---	---	---	---	---	---	---	-1.02	-0.97	-1.29	-1.14
21	---	---	---	---	---	---	---	---	-1.47	-1.12	-1.13	-0.90
22	---	---	---	---	---	---	---	---	-1.43	-0.94	-1.15	-0.73
23	---	---	---	---	---	---	---	---	-1.31	-0.52	-1.14	-0.84
24	---	---	---	---	---	---	---	---	-1.41	-0.68	-1.15	-0.57
25	---	---	---	---	---	---	---	---	-1.33	-0.99	-0.89	-0.28
26	---	---	---	---	---	---	---	---	-1.01	-0.57	-0.94	-0.02
27	---	---	---	---	---	---	---	---	-0.84	-0.98	-0.78	-0.02
28	---	---	---	---	---	---	---	---	-0.35	-0.73	-0.19	0.04
29	---	---	---	---	---	---	---	---	-0.31	-0.55	0.14	0.21
30	---	---	---	---	---	---	---	---	-0.53	-0.54	0.22	-0.04
31	---	---	---	---	---	---	---	---	---	-0.35	-0.32	---
<b>Mean</b>	---	---	---	---	---	---	---	---	-0.72	-0.64	-0.66	---
<b>Max</b>	---	---	---	---	---	---	---	---	0.63	-0.23	0.22	---
<b>Min</b>	---	---	---	---	---	---	---	---	-1.47	-1.12	-1.29	---

01376269 HUDSON RIVER AT PIERMONT, NY—Continued



## 01376269 HUDSON RIVER AT PIERMONT, NY—Continued

## WATER-QUALITY RECORDS

## PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 2010 to February 2012, July to September 2013.

WATER TEMPERATURE: November 2010 to February 2012, July to September 2013.

INSTRUMENTATION.--Water-temperature and specific-conductance satellite telemeter provides 15-minute-interval readings.

REMARKS.--Interruption of record was due to malfunction of recording instrument.

## EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 27,200  $\mu\text{S}/\text{cm}$ , Sept. 29, 2013; minimum, 183  $\mu\text{S}/\text{cm}$ , Apr. 30, 2011.

WATER TEMPERATURE: Maximum, 31.1 °C, July 22, 2011, July 18, 2013; minimum, -0.6 °C, Jan. 21, 23, 24, Feb. 3, 2011.

## EXTREMES FOR CURRENT YEAR.--(July to September)

SPECIFIC CONDUCTANCE: Maximum, 27,200  $\mu\text{S}/\text{cm}$ , Sept. 29; minimum, 279  $\mu\text{S}/\text{cm}$ , July 5.

WATER TEMPERATURE: Maximum, 31.1 °C, July 18; minimum, 17.9 °C, Sept. 24.

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	18,700	6,530	9,600	22,400	9,960	13,400
2	---	---	---	---	---	---	20,200	6,540	9,780	22,500	9,730	13,700
3	---	---	---	751	411	564	18,700	7,630	10,100	20,300	10,800	13,300
4	---	---	---	554	284	408	18,300	7,800	10,000	19,200	11,200	13,100
5	---	---	---	1,110	279	476	19,800	7,670	10,500	19,200	11,500	13,700
6	---	---	---	3,500	355	879	18,700	9,530	12,200	---	---	---
7	---	---	---	9,140	805	1,870	19,700	11,200	13,300	16,600	13,300	14,800
8	---	---	---	9,140	1,480	2,700	18,800	12,900	14,500	17,300	13,500	14,900
9	---	---	---	9,180	1,810	3,190	17,100	13,000	14,700	17,600	13,300	14,700
10	---	---	---	9,760	2,120	4,130	14,900	12,800	13,600	17,300	14,300	15,200
11	---	---	---	8,910	2,750	3,910	12,900	11,600	12,200	16,800	13,800	14,900
12	---	---	---	8,560	2,540	3,890	12,700	11,100	11,600	17,800	13,500	14,700
13	---	---	---	14,000	2,730	5,620	15,800	10,800	11,800	16,900	13,000	14,200
14	---	---	---	12,000	3,120	5,680	13,600	9,570	11,100	17,300	12,700	13,800
15	---	---	---	13,300	3,450	6,590	15,900	9,600	10,900	16,200	12,600	13,700
16	---	---	---	14,200	2,860	7,270	17,900	8,520	11,000	16,600	12,300	13,400
17	---	---	---	19,300	4,460	9,490	18,500	8,590	11,300	16,900	11,600	12,700
18	---	---	---	18,000	5,940	10,200	16,900	10,000	11,800	17,400	12,400	13,800
19	---	---	---	17,900	8,050	11,100	16,700	10,500	12,600	15,600	12,100	13,600
20	---	---	---	15,400	10,400	12,300	16,700	11,500	13,000	16,100	12,400	13,700
21	---	---	---	15,900	10,400	11,800	15,800	11,300	13,100	17,200	12,700	14,200
22	---	---	---	15,700	10,700	12,200	15,800	11,300	13,000	18,500	13,300	14,900
23	---	---	---	15,700	10,900	12,200	15,600	10,800	12,400	16,000	12,600	13,200
24	---	---	---	14,000	10,300	11,600	15,300	10,900	12,300	17,800	11,300	12,900
25	---	---	---	11,000	9,320	10,200	15,800	11,500	13,000	20,200	10,200	12,800
26	---	---	---	11,300	8,920	9,590	16,200	11,500	13,100	24,200	9,460	13,500
27	---	---	---	11,100	8,630	9,230	15,100	10,800	12,300	24,700	9,240	14,100
28	---	---	---	10,600	8,250	9,050	19,300	10,500	12,900	25,300	8,960	15,000
29	---	---	---	12,800	7,430	9,090	24,500	8,910	13,700	27,200	9,140	16,000
30	---	---	---	13,700	7,220	8,790	23,600	9,180	14,900	27,100	---	---
31	---	---	---	16,700	6,200	9,170	23,100	9,420	12,700	---	---	---
Month	---	---	---	---	---	---	24,500	6,530	12,200	---	---	---

## 01376269 HUDSON RIVER AT PIERMONT, NY—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	26.6	25.0	25.6	26.7	24.3	25.5
2	---	---	---	26.3	---	---	27.8	24.3	25.6	26.2	24.4	25.4
3	---	---	---	26.1	23.9	24.8	26.6	24.9	25.5	26.3	24.6	25.4
4	---	---	---	27.4	24.1	25.2	26.3	24.2	25.2	25.9	23.1	24.8
5	---	---	---	28.0	24.3	25.6	26.0	23.0	24.7	24.8	23.2	24.2
6	---	---	---	27.8	24.8	26.0	26.4	23.7	24.7	24.5	20.8	---
7	---	---	---	28.6	24.4	26.2	24.7	23.5	24.3	24.0	21.8	23.0
8	---	---	---	28.1	24.4	26.5	25.3	23.5	24.4	23.8	22.1	23.2
9	---	---	---	27.9	24.8	26.6	25.5	24.1	24.7	23.5	21.1	22.2
10	---	---	---	28.4	25.0	26.7	25.8	24.4	25.0	23.6	21.3	22.7
11	---	---	---	27.8	25.5	26.7	25.7	24.2	25.0	25.5	23.0	24.0
12	---	---	---	26.6	25.1	25.9	26.1	24.7	25.2	26.1	23.9	24.5
13	---	---	---	25.7	24.4	25.2	25.8	24.7	25.1	24.4	23.0	23.9
14	---	---	---	27.4	24.7	25.9	25.5	23.6	24.6	23.3	20.4	22.3
15	---	---	---	29.0	24.7	26.7	25.9	22.2	24.1	23.8	19.5	21.8
16	---	---	---	28.9	24.8	27.0	26.7	23.2	24.6	22.8	21.0	22.0
17	---	---	---	30.4	24.2	27.0	27.5	23.3	25.0	21.9	19.4	20.9
18	---	---	---	31.1	25.2	27.6	25.6	23.9	24.8	22.5	19.0	21.0
19	---	---	---	30.1	25.8	27.9	25.4	23.2	24.5	22.9	19.8	21.2
20	---	---	---	30.0	26.6	28.1	27.1	23.3	25.0	23.1	20.0	21.3
21	---	---	---	29.7	26.8	28.0	27.6	24.4	25.6	21.9	20.6	21.3
22	---	---	---	28.0	26.9	27.5	25.6	24.9	25.3	21.6	19.0	21.0
23	---	---	---	28.5	26.5	27.5	25.2	23.6	24.8	21.0	18.0	19.7
24	---	---	---	28.0	26.9	27.4	25.1	23.2	24.1	20.5	17.9	19.5
25	---	---	---	27.0	23.4	24.9	25.3	23.6	24.5	20.7	18.8	19.9
26	---	---	---	26.0	23.5	24.7	24.6	23.4	24.2	20.4	19.0	19.9
27	---	---	---	26.5	24.8	25.6	25.4	23.8	24.5	20.4	19.0	19.9
28	---	---	---	26.0	24.8	25.6	26.9	24.3	25.2	21.4	19.2	20.1
29	---	---	---	28.0	24.9	26.1	26.2	23.8	25.0	22.2	19.7	20.5
30	---	---	---	27.8	24.9	26.0	26.8	24.0	25.0	22.3	19.7	20.5
31	---	---	---	28.5	24.6	26.1	26.6	24.2	25.3	---	---	---
Month	---	---	---	---	---	---	27.8	22.2	24.9	26.7	17.9	---