

Water-Data Report 2009

01410560 INSIDE THOROFARE AT US ROUTE 40, AT ATLANTIC CITY, NJ

ABSECON BAY

LOCATION.--Lat 39°21'12", long 74°27'24" referenced to North American Datum of 1983, Atlantic City, Atlantic County, NJ, Hydrologic Unit 02040302, on wooden cribbing near east bank, about 10 ft south of bridge on US Routes 40 and 322 (Albany Street) in Chelsea Heights section of Atlantic City, 0.5 mi southwest of northern confluence with Beach Thorofare, 0.9 mi southwest of AMTRAK railroad bridge over Beach Thorofare, and 1.7 mi northeast of Ventnor post office.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Unpublished fragmentary gage-height record, Jul 11, 1997 to Jun 2, 2000. Continuous-record tide gage, Jun 3, 2000 to current year.

GAGE.--Tide level recorder and tidal crest-stage gage. Datum of gage is at 0.00 ft NAVD of 1988. To determine approximate elevations to NGVD of 1929, add 1.31 ft. To determine approximate elevations to Mean Lower Low Water datum, add 2.44 ft (revised to Tidal Epoch 1983-2001).

REMARKS.--Missing gage-height record on short portions of days. Summaries for months with short periods of missing gage-height record have been estimated with little or no loss of accuracy. Some periods cannot be estimated and are noted by dashed (---) lines. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 4.61 ft, Dec 25, 2002; minimum elevation recorded, -5.43 ft, Mar 9, 2005, although a lower tide may have occurred during period of partially missing record on Feb 17, 2007.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation known, 6.5 ft (adjusted to NAVD of 1988), Mar 6 or 7, 1962, from high-water mark near Raleigh Avenue about 0.4 mi southwest of gage.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 4.08 ft, Jul 23; minimum elevation recorded, -4.73 ft, Jan 8.

Statistics of Tide Elevations, in feet
Water Year October 2008 to September 2009

Month	Mean High Tide	Mean Water Level	Mean Low Tide
October	1.99	0.13	-1.88
November	1.87	-0.03	-2.02
December	1.30	-0.60	-2.62
CALENDAR YEAR 2008	1.82	-0.11	-2.14
January	1.46	-0.54	-2.59
February	1.54	-0.43	-2.52
March	1.77	-0.13	-2.20
April	1.85	-0.12	-2.21
May	1.79	-0.17	-2.24
June	2.38	0.46	-1.61
July	2.16	0.25	-1.80
August	2.01	0.11	-1.93
September	2.35	0.47	-1.55
WATER YEAR 2009	1.88	-0.05	-2.09

01410560 INSIDE THOROFARE AT US ROUTE 40, AT ATLANTIC CITY, NJ—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
[e, estimated]

Day	High-high	Mean	Low-low	High-high	Mean	Low-low	High-high	Mean	Low-low	High-high	Mean	Low-low
	October				November				December			
1	2.93	0.60	-1.53	1.66	-0.72	-2.79	2.44	0.26	-1.90	1.23	-0.74	-2.76
2	2.36	0.07	-2.00	2.33	0.11	-1.53	1.11	-1.00	-2.71	1.04	-0.84	-2.84
3	1.96	-0.41	-2.26	1.85	-0.20	-1.91	1.44	-0.81	-2.46	0.78	-1.21	-3.09
4	1.76	-0.42	-2.13	1.65	-0.36	-2.00	0.84	-1.06	-2.89	0.54	-1.23	-3.02
5	1.30	-0.50	-2.12	2.10	0.44	-1.32	1.31	-0.73	-2.32	1.35	-0.55	-2.47
6	1.80	-0.07	-1.42	2.52	1.14	-0.92	1.46	-0.25	-1.95	1.70	-0.32	-2.04
7	1.63	-0.10	-1.55	2.15	0.45	-1.37	1.60	-0.58	-3.51	2.62	0.53	-2.08
8	e1.6	e-0.2	-1.61	2.06	0.35	-1.73	0.61	-1.24	-3.14	1.76	-1.47	-4.73
9	1.41	-0.33	-2.08	2.09	0.11	-2.30	1.62	-0.78	-3.03	1.30	-1.46	-3.82
10	1.81	-0.24	-1.82	2.14	-0.17	-2.86	2.08	-0.70	-3.07	2.32	-0.48	-4.10
11	2.09	-0.05	-2.10	2.05	-0.29	-2.48	2.58	0.10	-3.43	3.16	0.08	-2.87
12	2.15	-0.05	-2.15	2.60	-0.17	-2.84	3.66	0.38	-2.40	2.96	-0.01	-3.07
13	2.12	-0.15	-2.64	3.07	0.24	-2.84	2.52	-0.60	-3.54	2.87	-0.02	-2.92
14	2.82	0.33	-2.24	3.48	0.42	-2.36	2.79	-0.52	-3.41	2.44	-0.42	-3.22
15	2.85	0.21	-2.52	3.85	0.56	-2.27	2.39	-0.83	-3.44	1.81	-0.57	-2.74
16	3.22	0.30	-2.45	2.54	-0.58	-3.50	1.79	-1.04	-3.77	1.58	-0.92	-2.96
17	3.44	0.44	-2.22	1.86	-0.93	-3.60	2.58	-0.17	-2.59	1.10	-0.78	-2.60
18	3.76	0.81	-1.75	2.68	0.05	-2.22	1.68	-0.50	-2.56	1.31	-0.42	-2.08
19	4.07	1.44	-0.93	2.77	0.48	-1.56	1.89	-0.05	-2.10	1.86	0.24	-1.45
20	3.70	1.41	-0.74	2.21	0.25	-2.13	2.63	0.83	-1.05	2.00	0.09	-1.68
21	2.75	0.55	-2.02	2.03	0.06	-2.00	2.92	0.94	-1.58	2.19	---	-2.06
22	2.22	0.05	-2.00	1.73	-0.61	-2.84	0.30	-2.13	-4.50	1.48	-0.90	-2.97
23	2.86	0.93	-1.27	0.93	-1.08	-3.03	-0.14	-1.92	-3.71	1.06	-0.74	-2.56
24	2.22	0.42	-1.61	1.70	-0.48	-2.39	1.52	-0.77	-2.45	1.96	-0.36	-2.23
25	2.80	0.70	-1.95	2.22	0.03	-2.39	0.48	-1.59	-3.44	1.92	-0.51	-2.53
26	2.61	0.51	-1.91	2.00	-0.23	-2.26	1.47	-0.79	-3.48	1.84	-0.69	-2.91
27	2.59	0.37	-2.15	2.43	0.02	-2.05	2.17	-0.36	-2.30	2.09	-0.45	-2.71
28	3.09	-0.11	-2.60	2.44	-0.13	-2.45	1.96	-0.77	-2.90	2.60	0.07	-2.28
29	1.08	-1.52	-4.04	2.33	-0.15	-2.19	1.77	-0.79	-3.09	1.53	-0.91	-3.22
30	2.05	-0.57	-2.83	2.79	0.63	-1.74	1.35	-0.89	-3.01	1.79	-0.59	-2.75
31	2.08	-0.50	-2.59	---	---	---	2.33	-0.23	-2.81	1.40	-0.66	-2.88
Max	4.07	1.44	-0.74	3.85	1.14	-0.92	3.66	0.94	-1.05	3.16	0.53	-1.45
Min	1.08	-1.52	-4.04	0.93	-1.08	-3.60	-0.14	-2.13	-4.50	0.54	-1.47	-4.73

01410560 INSIDE THOROFARE AT US ROUTE 40, AT ATLANTIC CITY, NJ—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
[*e*, estimated]

Day	High-high	Mean	Low-low	High-high	Mean	Low-low	High-high	Mean	Low-low	High-high	Mean	Low-low
	February			March			April			May		
1	1.23	-0.96	-2.92	2.59	0.70	-1.59	2.56	0.16	-1.82	2.14	-0.50	-2.44
2	1.43	-0.28	-2.06	3.43	1.08	-1.21	2.47	-0.09	-2.12	1.68	-0.53	-2.84
3	2.36	0.84	-0.76	2.41	-0.56	-2.77	2.49	0.59	-1.34	1.84	-0.06	-2.30
4	3.09	0.58	-1.94	1.60	---	-2.78	2.34	-0.23	-2.66	2.19	0.18	-1.99
5	2.03	-0.37	-2.72	1.33	---	-2.81	1.60	-0.48	-3.00	2.28	0.22	-2.12
6	2.23	---	-2.89	1.44	-0.96	-3.07	2.87	0.51	-2.46	2.47	0.09	-2.41
7	2.40	-0.42	-2.88	1.79	-0.67	-2.89	2.44	0.08	-2.56	2.31	-0.20	-2.69
8	2.33	-0.53	-3.32	2.09	-0.35	-2.82	2.09	-0.47	-3.10	2.68	-0.04	-2.43
9	2.22	-0.70	-3.73	2.80	0.30	-2.55	2.40	-0.28	-3.05	2.75	0.10	-2.18
10	2.72	-0.20	-3.45	2.90	0.26	-2.59	2.57	-0.30	-2.92	2.08	-0.38	-2.46
11	2.84	0.07	-2.75	2.53	-0.11	-2.86	2.99	0.15	-2.51	2.19	-0.46	-2.62
12	2.15	-0.50	-3.45	1.62	-0.83	-3.46	2.18	-0.11	-2.31	2.10	-0.22	-2.10
13	2.12	-1.20	-3.89	1.99	-0.75	-3.40	0.79	-0.63	-2.63	0.81	-0.40	-2.26
14	1.86	-0.19	-2.31	1.83	-0.59	-2.82	1.55	-0.33	-2.51	1.83	-0.50	-2.24
15	1.57	-0.53	-2.67	1.13	-0.54	-2.54	2.48	0.94	-0.84	1.47	-0.65	-2.45
16	2.09	0.06	-1.56	1.78	-0.42	-2.28	2.59	0.33	-1.23	1.47	-0.41	-2.13
17	1.80	0.04	-1.30	2.13	0.08	-1.44	1.66	-0.28	-1.84	1.48	-0.20	-1.91
18	1.78	0.16	-1.18	1.58	-0.38	-1.75	1.05	-0.56	-2.09	1.49	-0.08	-1.71
19	2.29	0.40	-2.46	1.07	-0.54	-1.91	1.58	0.12	-1.43	1.26	-0.39	-2.34
20	1.31	-1.12	-3.36	1.37	-0.08	-1.65	2.31	0.70	-1.05	1.35	-0.64	-2.78
21	0.36	-1.41	-3.12	1.68	0.02	-1.61	2.46	0.64	-1.45	1.64	-0.66	-2.96
22	1.67	-0.48	-1.89	1.50	-0.44	-2.23	2.42	0.23	-1.91	1.96	-0.70	-3.13
23	1.12	-1.44	-3.85	1.53	-0.34	-2.29	1.76	-0.55	-3.14	2.73	-0.42	-3.10
24	0.97	-1.32	-3.95	2.10	0.02	-2.17	2.17	-0.65	-3.22	2.70	-0.20	-2.86
25	1.83	-0.58	-3.15	2.85	0.48	-1.93	2.50	-0.46	-3.03	2.99	-0.35	-3.05
26	1.75	-0.62	-3.04	2.85	0.60	-1.86	2.52	-0.50	-3.13	3.36	0.33	-2.69
27	1.89	-0.42	-2.77	2.69	0.22	-2.25	2.58	-0.52	-3.07	1.95	0.14	-2.31
28	2.19	-0.53	-2.94	2.95	0.37	-2.09	1.10	-0.72	-3.17	3.07	0.30	-2.25
29	---	---	---	2.97	0.48	-1.97	1.98	-0.64	-3.27	3.32	0.63	-1.67
30	---	---	---	1.06	-0.36	-2.84	2.27	-0.35	-2.45	2.83	0.37	-1.91
31	---	---	---	2.22	-0.36	-2.69	---	---	---	2.30	0.27	-1.95
Max	3.09	0.84	-0.76	3.43	1.08	-1.21	2.99	0.94	-0.84	3.36	0.63	-1.67
Min	0.36	-1.44	-3.95	1.06	-0.96	-3.46	0.79	-0.72	-3.27	0.81	-0.70	-3.13

01410560 INSIDE THOROFARE AT US ROUTE 40, AT ATLANTIC CITY, NJ—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
[*e*, estimated]

Day	High-high	Mean	Low-low	High-high	Mean	Low-low	High-high	Mean	Low-low	High-high	Mean	Low-low
	June			July			August			September		
1	1.93	0.01	-2.20	2.85	0.83	-1.23	2.02	-0.12	-1.76	2.55	0.42	-1.56
2	2.24	-0.17	-2.51	2.88	0.85	-1.18	2.26	0.14	-1.74	2.39	0.32	-1.54
3	2.41	0.13	-2.05	2.70	0.51	-1.45	2.39	0.07	-1.82	2.72	0.41	-1.75
4	2.68	0.38	-1.73	2.61	0.32	-1.59	2.34	e0.0	-1.89	2.55	0.54	-1.53
5	3.20	0.58	-1.80	2.62	0.27	-1.71	2.37	-0.04	-1.96	2.29	0.18	-1.96
6	2.69	0.56	-1.65	2.81	0.26	-1.76	2.49	0.06	-2.13	2.69	0.35	-2.08
7	2.62	0.11	-1.97	2.71	0.34	-1.64	2.17	-0.01	-2.02	2.62	0.50	-1.59
8	2.80	0.09	-2.11	2.74	0.40	-1.66	2.23	-0.05	-2.19	2.51	0.31	-1.80
9	2.79	0.35	-1.65	2.83	0.39	-1.80	2.19	-0.03	-2.17	2.82	0.63	-1.57
10	2.81	0.44	-1.56	2.40	0.29	-1.56	2.00	0.04	-1.91	3.61	1.64	-0.42
11	1.87	0.59	-1.35	2.07	0.03	-1.86	2.13	0.11	-1.93	3.86	1.91	-0.74
12	2.79	0.47	-1.38	1.70	0.02	-2.27	2.38	0.32	-1.84	2.70	0.46	-1.52
13	2.40	0.40	-1.41	2.16	0.25	-1.73	2.59	0.58	-1.38	2.95	0.66	-1.26
14	2.40	0.52	-1.36	2.02	0.11	-1.73	2.20	0.12	-1.83	3.05	0.71	-1.42
15	2.32	0.55	-1.29	1.92	-0.12	-2.11	2.27	0.00	-2.05	3.15	0.58	-1.77
16	2.09	0.44	-1.45	2.09	0.01	-1.98	2.44	-0.02	-2.27	3.84	0.91	-1.88
17	2.16	0.36	-1.53	2.61	0.42	-1.71	2.63	-0.04	-2.48	3.54	1.35	-1.25
18	2.46	0.51	-1.52	2.89	0.49	-1.76	2.79	-0.09	-2.70	2.92	0.38	-2.47
19	2.87	0.54	-1.71	2.88	0.14	-2.26	3.09	-0.07	-2.93	2.70	0.12	-2.82
20	3.52	0.61	-1.92	3.18	0.15	-2.40	3.19	0.16	-2.67	2.79	0.11	-2.62
21	3.87	0.87	-1.69	3.30	0.37	-2.34	2.83	0.14	-2.64	2.62	-0.03	-2.50
22	4.00	0.92	-1.67	3.20	0.12	-2.71	3.08	0.34	-2.54	2.55	-0.01	-2.29
23	3.74	0.78	-1.92	4.08	0.44	-2.65	3.07	0.57	-1.93	2.33	-0.12	-2.11
24	3.50	0.42	-2.26	2.94	0.70	-2.25	2.43	-0.08	-2.45	2.00	-0.24	-2.16
25	3.22	0.37	-2.24	2.62	0.28	-2.51	2.45	0.02	-2.25	2.42	0.31	-1.50
26	2.28	0.34	-2.27	2.72	0.21	-2.29	1.98	-0.21	-2.29	2.44	0.72	-0.85
27	3.02	0.49	-2.07	2.34	-0.01	-2.35	2.25	0.03	-1.94	2.32	0.59	-1.11
28	2.83	0.70	-1.84	2.15	-0.10	-2.16	2.22	0.27	-1.39	2.03	0.16	-1.67
29	2.71	0.76	-1.51	1.95	-0.03	-1.91	2.59	0.64	-0.94	1.71	0.13	-1.16
30	2.74	0.75	-1.39	2.07	-0.04	-1.90	2.45	0.36	-1.32	2.16	0.04	-2.06
31	---	---	---	2.02	-0.07	-1.91	2.12	0.07	-1.65	---	---	---
Max	4.00	0.92	-1.29	4.08	0.85	-1.18	3.19	0.64	-0.94	3.86	1.91	-0.42
Min	1.87	-0.17	-2.51	1.70	-0.12	-2.71	1.98	-0.21	-2.93	1.71	-0.24	-2.82

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