



Water-Data Report 2010

**01410510 ABSECON CREEK AT US ROUTE 30, AT ABSECON, NJ**

ABSECON CREEK BASIN

LOCATION.--Lat 39°25'23", long 74°30'00" referenced to North American Datum of 1983, Absecon City, Atlantic County, NJ, Hydrologic Unit 02040302, on left bank, 5 ft upstream of bridge on US Route 30 in Absecon, 200 ft downstream of AMTRAK railroad bridge, 1.7 mi downstream of dam at Atlantic City Reservoir (Doughty Pond), 1.8 mi upstream of mouth and Absecon Bay, and 2.4 mi northwest of Pleasantville.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Unpublished fragmentary gage-height record, Jun 19, 1997 to Apr 4, 2000. Continuous-record tide gage, Apr 5, 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 1.27 ft. To determine approximate elevations to Mean Lower Low Water datum, add 2.30 ft (revised to Tidal Epoch 1983-2001).

REMARKS.--Missing gage-height record Jan 6-9, 31, and on short portions of other 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, 5.11 ft, Nov 13, 2009; minimum elevation recorded, -5.50 ft, Mar 9, 2005, although a lower tide may have occurred during period of partially missing record on Feb 17, 2007.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 5.11 ft, Nov 13; minimum elevation recorded, -3.66 ft, Dec 11.

Statistics of Tide Elevations, in feet  
 Water Year October 2009 to September 2010  
 [e, estimated]

Month	Mean High Tide	Mean Water Level	Mean Low Tide
October	2.37	0.58	-1.47
November	2.41	0.61	-1.46
December	1.85	-0.04	-2.13
CALENDAR YEAR 2009	1.98	0.16	-1.91
January	---	---	---
February	1.95	e0.1	e-2.0
March	2.50	0.62	-1.57
April	2.06	0.14	-2.02
May	1.93	0.03	-2.09
June	2.07	0.21	-1.89
July	2.01	0.14	-1.95
August	2.18	0.38	-1.71
September	2.16	0.35	-1.76
WATER YEAR 2010	2.13	0.28	-1.82

## 01410510 ABSECON CREEK AT US ROUTE 30, AT ABSECON, NJ—Continued

**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**  
[e, estimated]

Day	High-high	Mean	Low-low									
	October			November			December			January		
1	2.16	0.09	-1.90	2.35	0.06	-2.21	2.64	0.03	-2.37	3.34	0.50	-2.45
2	2.49	0.33	-1.96	3.47	1.28	-1.92	2.78	0.18	-2.64	3.16	0.06	-2.91
3	2.35	0.39	-1.94	3.68	1.13	-1.54	2.89	0.16	-2.72	1.30	---	---
4	2.49	0.25	-2.12	3.01	0.35	-2.22	2.52	-0.23	-2.97	2.49	---	---
5	2.25	-0.09	-2.47	3.20	0.46	-2.12	3.35	0.57	-2.45	---	---	---
6	2.46	0.04	-2.50	2.82	0.24	-2.38	2.77	0.27	-2.41	---	---	---
7	2.34	-0.40	-3.33	3.08	0.47	-1.81	2.44	0.00	-2.42	---	---	---
8	1.89	-0.67	-3.02	2.22	-0.35	-2.51	1.84	-0.43	-2.66	---	---	---
9	2.80	0.26	-1.87	2.24	-0.18	-2.36	2.99	1.47	-1.10	---	---	---
10	2.31	0.04	-1.98	1.91	-0.30	-2.37	2.69	-0.35	-3.14	---	---	---
11	2.43	0.17	-2.12	3.38	1.15	-1.03	0.67	-1.99	-3.66	---	---	---
12	2.28	0.02	-2.08	4.84	2.90	0.99	0.20	-1.77	-3.56	1.88	---	---
13	2.19	0.08	-2.37	5.11	3.20	1.44	1.79	-0.39	-2.20	1.86	-0.47	-2.70
14	2.64	0.45	-1.94	4.53	2.10	-0.14	2.38	-0.05	-2.92	2.26	-0.08	-2.25
15	3.93	1.30	-1.67	3.29	0.76	-1.81	3.06	0.41	-1.91	2.23	-0.36	-2.69
16	4.43	2.53	0.31	2.74	0.24	-2.30	2.28	-0.40	-2.62	1.88	-0.60	-2.84
17	4.61	2.43	0.10	3.06	0.49	-2.21	1.94	-0.71	-2.86	2.81	0.42	-2.25
18	4.31	2.13	-0.16	3.04	0.58	-1.74	2.57	0.09	-2.43	3.17	1.17	-1.00
19	3.27	1.10	-1.61	2.75	0.32	-2.02	3.77	1.54	-1.27	3.03	1.00	-1.06
20	e2.6	e0.3	-2.32	2.39	0.16	-1.84	3.30	---	e-0.9	2.01	0.27	-1.74
21	2.65	0.22	-1.90	2.10	-0.06	-1.89	1.88	---	e-2.1	1.97	0.28	-1.45
22	2.52	0.20	-1.74	2.39	0.51	-1.26	1.40	---	-2.26	2.28	0.81	-0.77
23	2.69	0.55	-1.67	2.96	1.35	-0.22	1.50	---	-2.28	2.67	0.88	-1.09
24	2.75	0.97	-0.59	2.56	1.12	-0.86	1.57	-0.03	-1.67	2.32	0.25	-1.47
25	1.86	-0.03	-1.72	2.29	0.75	-0.90	2.22	0.81	-0.72	2.70	0.90	-1.66
26	1.88	0.21	-1.40	2.20	0.78	-0.97	2.98	1.56	-0.50	2.74	0.04	-2.72
27	2.15	0.64	-0.94	2.68	0.61	-2.28	2.91	0.66	-1.88	2.06	-0.40	-2.52
28	2.55	1.26	-0.58	0.82	-1.42	-3.30	2.36	-0.24	-2.79	2.55	-0.20	-2.75
29	3.16	1.74	0.39	1.66	-0.30	-2.10	1.10	-1.62	-3.59	2.03	-1.02	-3.41
30	2.58	0.92	-1.19	2.36	-0.04	-2.32	1.62	-0.84	-3.53	1.82	---	---
31	2.55	0.53	-1.55	---	---	---	2.86	0.12	-2.90	---	---	---
<b>Max</b>	4.61	2.53	0.39	5.11	3.20	1.44	3.77	1.56	-0.50	3.34	---	---
<b>Min</b>	1.86	-0.67	-3.33	0.82	-1.42	-3.30	0.20	-1.99	-3.66	---	---	---

## 01410510 ABSECON CREEK AT US ROUTE 30, AT ABSECON, NJ—Continued

**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**  
[e, estimated]

Day	High-high	Mean	Low-low									
	February			March			April			May		
1	---	---	---	2.70	-0.20	-3.32	2.30	0.47	-2.17	1.68	0.13	-2.55
2	2.28	---	---	3.14	0.69	-2.32	3.05	0.37	-2.07	2.86	0.16	-1.99
3	2.35	-0.03	-2.53	3.92	1.58	-1.63	2.65	0.10	-2.11	2.42	-0.16	-2.13
4	2.09	-0.43	-2.74	2.85	1.15	-1.51	2.28	-0.10	-2.13	2.08	-0.08	-1.94
5	1.83	-0.34	-2.38	3.18	0.95	-1.43	1.97	-0.09	-1.98	2.04	-0.01	-1.89
6	3.25	1.88	0.04	2.96	0.59	-1.40	1.94	0.05	-1.58	1.77	-0.14	-1.73
7	3.07	---	---	2.18	-0.08	-1.86	1.83	0.02	-1.63	1.57	-0.12	-1.88
8	---	---	---	1.92	-0.01	-1.59	1.74	0.10	-1.57	1.57	-0.26	-2.51
9	0.99	---	---	1.78	-0.04	-1.57	1.95	0.21	-1.56	0.74	-1.00	-3.02
10	3.11	1.23	0.11	1.88	0.10	-1.56	1.58	-0.41	-2.49	1.49	-0.56	-2.58
11	2.81	0.78	-1.40	2.05	0.18	-1.72	1.26	-0.64	-2.63	2.00	-0.16	-2.20
12	2.90	0.60	-1.55	2.61	0.95	-1.16	1.85	-0.26	-2.66	2.56	0.10	-2.19
13	2.60	0.27	-1.88	4.54	3.05	-0.19	2.07	-0.16	-2.38	2.28	-0.08	-2.46
14	1.69	-0.61	-2.87	3.95	2.08	-0.13	1.92	-0.42	-2.62	2.53	-0.51	-2.92
15	1.60	-0.60	-3.00	3.30	1.44	-0.84	2.34	-0.57	-2.96	2.58	-0.25	-2.56
16	2.31	-0.22	-2.69	3.28	---	---	3.02	0.42	-2.11	2.58	-0.09	-2.56
17	1.64	-0.43	-2.64	---	---	-1.90	2.00	0.48	-1.85	1.46	-0.19	-2.52
18	1.39	-0.60	-2.81	2.32	-0.05	-2.41	2.70	0.16	-2.06	2.74	0.84	-1.63
19	0.48	-1.10	-3.26	1.75	0.08	-2.12	2.41	0.01	-2.19	3.27	0.61	-1.90
20	1.04	-0.63	-2.48	2.45	0.05	-1.98	2.38	-0.03	-2.19	2.38	0.12	-2.26
21	1.44	-0.69	-2.39	2.18	-0.15	-2.09	2.38	0.11	-1.98	2.17	-0.04	-2.58
22	1.62	0.03	-1.52	2.21	0.27	-1.63	2.45	0.35	-1.81	2.25	0.28	-2.18
23	2.80	1.18	-0.63	2.57	0.40	-1.50	2.31	0.20	-2.24	2.52	0.40	-2.11
24	3.12	1.06	-1.22	1.82	-0.47	-2.50	2.36	0.37	-2.08	2.49	0.19	-2.48
25	3.10	0.78	-1.26	2.27	0.10	-2.30	3.07	0.80	-2.08	2.64	0.04	-2.44
26	2.07	-0.36	-3.18	2.74	0.60	-2.03	3.77	1.38	-1.46	2.80	0.15	-2.36
27	3.04	0.58	-2.42	3.26	1.18	-1.42	3.32	1.22	-1.59	3.61	0.75	-2.30
28	3.23	0.66	-2.48	3.34	0.90	-1.90	2.72	0.22	-2.90	2.93	0.43	-2.03
29	---	---	---	3.42	1.02	-2.06	2.60	-0.26	-2.91	2.72	0.24	-2.22
30	---	---	---	3.26	0.92	-2.31	2.72	0.10	-2.60	2.60	0.09	-2.22
31	---	---	---	3.23	0.57	-2.47	---	---	---	1.57	0.16	-2.16
<b>Max</b>	3.25	1.88	0.11	4.54	3.05	-0.13	3.77	1.38	-1.46	3.61	0.84	-1.63
<b>Min</b>	0.48	-1.10	-3.26	1.75	-0.47	-3.32	1.26	-0.64	-2.96	0.74	-1.00	-3.02

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**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**  
[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	2.52	0.01	-1.99	2.01	-0.20	-2.10	1.96	0.14	-1.80	2.15	0.18	-1.63
2	2.07	0.13	-1.91	1.66	-0.17	-2.10	1.94	0.11	-1.77	2.16	0.18	-1.52
3	2.38	0.42	-1.31	1.56	-0.18	-2.18	1.87	-0.04	-1.83	3.17	0.93	-1.21
4	2.08	0.25	-1.62	1.64	-0.21	-2.18	1.88	-0.12	-2.01	2.21	0.54	-1.60
5	1.99	0.27	-1.60	1.92	-0.07	-2.05	2.13	0.03	-1.87	2.29	-0.18	-2.50
6	1.80	0.23	-1.51	2.09	0.18	-1.72	2.47	0.08	-2.04	3.02	0.35	-2.58
7	1.97	0.19	-1.63	2.34	0.21	-1.85	2.74	0.34	-1.96	2.62	0.07	-2.59
8	2.03	0.06	-1.92	2.59	0.31	-1.82	2.83	0.21	-2.35	2.73	-0.12	-2.94
9	2.44	0.19	-1.92	2.83	0.34	-1.86	2.88	0.15	-2.48	2.72	0.28	-2.67
10	2.96	0.46	-1.83	3.02	0.35	-2.08	3.05	0.18	-2.63	2.80	0.43	-2.42
11	2.96	0.34	-1.95	3.15	0.40	-2.05	3.16	0.48	-2.44	2.95	0.50	-2.27
12	2.86	0.21	-2.21	3.09	0.32	-2.29	2.91	0.83	-2.17	2.96	0.57	-1.95
13	3.24	0.26	-2.35	2.95	0.35	-2.29	3.36	1.09	-1.78	2.87	0.68	-1.62
14	3.12	0.52	-2.03	2.35	0.34	-2.29	2.89	0.65	-1.98	2.60	0.44	-1.56
15	2.13	0.37	-2.22	2.86	0.62	-2.16	2.57	0.37	-2.12	2.25	0.24	-1.69
16	2.86	0.14	-2.35	2.90	0.44	-2.18	2.37	0.24	-1.86	2.30	0.38	-1.69
17	2.64	0.12	-2.52	2.44	0.23	-2.39	2.23	0.05	-2.05	1.98	-0.12	-2.06
18	2.42	0.32	-2.26	2.30	0.14	-2.34	2.34	0.21	-1.77	2.39	0.45	-1.66
19	2.20	0.14	-2.38	2.44	0.30	-1.97	2.46	0.33	-1.48	2.32	0.39	-1.62
20	2.33	0.14	-2.22	2.35	0.23	-1.97	2.44	0.30	-1.56	2.85	0.66	-1.58
21	2.40	0.17	-2.19	2.50	0.29	-1.82	2.65	0.52	-1.56	2.50	0.66	-1.57
22	2.70	0.30	-2.04	2.29	-0.02	-2.13	2.72	0.55	-1.50	1.72	-0.26	-2.24
23	2.59	0.14	-2.14	2.49	0.11	-2.09	3.55	1.20	-1.24	2.38	0.00	-2.64
24	2.59	0.11	-2.09	2.59	0.04	-2.14	3.36	1.65	-0.49	2.33	0.32	-1.86
25	2.72	0.06	-2.28	2.36	0.19	-1.94	2.61	1.03	-1.14	2.03	-0.14	-2.30
26	2.68	0.12	-2.14	2.22	0.02	-2.17	2.30	0.42	-1.74	2.66	0.40	-1.99
27	2.78	0.25	-1.98	2.16	-0.16	-2.33	2.03	0.22	-1.89	3.00	0.96	-1.07
28	2.46	0.19	-1.88	2.04	-0.12	-2.26	2.03	0.18	-1.94	2.58	0.54	-1.46
29	1.51	0.04	-2.04	2.03	-0.26	-2.37	1.93	0.02	-1.97	2.36	0.28	-1.60
30	2.31	0.07	-2.02	2.06	0.17	-1.95	2.08	0.08	-1.76	2.78	0.85	-0.82
31	---	---	---	2.01	0.14	-1.88	2.16	0.17	-1.73	---	---	---
<b>Max</b>	3.24	0.52	-1.31	3.15	0.62	-1.72	3.55	1.65	-0.49	3.17	0.96	-0.82
<b>Min</b>	1.51	0.01	-2.52	1.56	-0.26	-2.39	1.87	-0.12	-2.63	1.72	-0.26	-2.94

01410510 ABSECON CREEK AT US ROUTE 30, AT ABSECON, NJ—Continued

