



Water-Data Report 2007

01484683 INDIAN RIVER BAY AT INDIAN RIVER INLET NEAR BETHANY BEACH, DE

Upper Chesapeake Basin
Chincoteague Subbasin

LOCATION.--Lat 38°36'35.4", long 75°04'04.8" referenced to North American Datum of 1983, Sussex County, DE, Hydrologic Unit 02060010, at the Indian River Coast Guard Station, 0.2 mi west of State Highway 1, 0.3 mi northwest of the Indian River Inlet, and 4.9 mi north of Bethany Beach.

DRAINAGE AREA.--Not determined.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 1988 to June 1989, April 1991 current year.

GAGE.--Water-stage recorder. Datum of gage is 0.00 ft above National Geodetic Vertical Datum of 1929. (Mean Low-Low Water: Gage Datum + 1.51 ft).

REMARKS.--Records good, except those for days with missing data (equipment malfunction). This is a tidal station. Discharges are not determined at this location. U.S. Geological Survey satellite collection platform at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 5.86 ft, Feb. 5, 1998; minimum elevation, -3.34 ft, March 14, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 4.97 ft, Nov. 23; minimum elevation, -3.31 ft, Feb. 17.

01484683 INDIAN RIVER BAY AT INDIAN RIVER INLET NEAR BETHANY BEACH, DE—Continued
GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	High-high	Low-low										
	October		November		December		January		February		March	
1	2.66	0.02	2.58	-0.20	2.14	-1.77	2.88	-0.16	2.29	-0.95	2.27	-0.23
2	2.60	-0.04	2.87	-0.09	1.59	-1.88	2.52	-0.79	2.88	-0.49	3.11	-0.15
3	2.39	-0.28	2.71	-0.29	2.31	-0.90	2.05	-1.54	2.32	-0.95	2.75	-0.14
4	2.61	-0.69	2.70	-0.91	2.90	-1.07	1.93	-1.80	1.04	-2.25	2.28	-0.88
5	3.15	-0.37	2.77	-0.95	2.66	-0.99	2.32	-1.16	0.21	-2.74	1.42	-1.57
6	4.64	0.08	2.83	-0.88	2.82	-0.92	2.16	-0.81	0.21	-2.28	0.80	-2.22
7	4.94	1.53	2.84	-0.91	2.33	-1.10	1.85	-0.82	0.87	-1.37	1.99	-1.59
8	3.74	-0.01	3.76	0.02	1.58	-1.42	2.29	-0.29	1.11	-1.38	1.37	-0.97
9	3.06	-0.38	3.76	0.32	1.04	-1.67	1.31	-1.02	0.84	-1.69	1.11	-0.71
10	2.98	-0.31	2.88	-0.16	0.90	-1.51	1.22	-1.04	1.00	-0.76	1.68	-0.86
11	3.71	0.47	2.51	-0.13	1.26	-1.30	1.21	-0.86	1.64	-0.86	1.43	-0.69
12	3.42	0.92	2.92	0.34	1.93	0.00	1.26	-1.50	1.19	-1.33	1.60	-0.68
13	3.04	0.63	3.42	1.46	2.18	-0.20	1.06	-0.79	1.87	-0.23	1.57	-0.60
14	2.89	0.41	2.97	0.82	1.76	-0.32	1.84	0.03	3.62	0.65	1.83	-1.03
15	2.36	0.09	2.48	0.42	1.90	0.04	2.44	-0.54	1.79	-1.61	1.72	-0.81
16	2.39	0.17	2.65	0.20	2.16	-0.46	2.09	-0.81	1.05	-2.78	3.80	1.02
17	2.76	0.45	2.29	-0.05	2.07	-0.31	2.31	-0.39	0.97	-3.31	3.58	0.27
18	2.66	0.31	2.46	-0.34	1.94	-0.97	2.41	-1.08	2.01	-2.45	1.99	-1.73
19	2.70	0.31	2.79	-0.03	2.65	-0.76	2.90	-0.77	1.76	-2.05	1.54	-2.33
20	3.06	0.36	2.78	-0.03	2.80	-0.70	1.68	-2.08	2.01	-2.26	1.89	-2.47
21	2.31	-0.71	2.80	-0.45	2.07	-1.29	1.80	-2.22	1.94	-1.05	2.02	-1.91
22	2.38	-0.69	4.55	0.83	2.12	-1.50	2.71	-0.61	2.44	-0.33	1.66	-1.65
23	2.79	-0.06	4.97	1.88	2.98	-0.16	2.66	-0.35	2.36	-0.66	0.73	-1.81
24	2.75	-0.11	3.67	0.78	2.21	-1.00	2.33	-0.34	2.08	-0.68	1.87	-1.09
25	2.46	-0.45	3.26	0.45	1.99	-0.98	2.48	-0.27	2.15	-0.08	2.20	-0.30
26	2.59	-0.19	2.79	-0.04	2.66	-0.25	2.26	-1.22	2.77	0.28	1.98	-0.83
27	2.89	0.27	2.25	-0.40	1.96	-0.75	1.91	-0.31	2.74	-0.17	1.77	-0.65
28	3.23	-0.07	2.36	-0.28	1.69	-0.99	2.59	-0.26	2.31	-0.45	2.09	-0.65
29	0.76	-1.82	---	---	1.80	-0.72	2.45	-0.33	---	---	1.81	-0.46
30	0.82	-1.84	2.29	-0.57	2.53	-1.06	2.33	-0.34	---	---	2.11	-0.50
31	2.14	-0.83	---	---	2.31	-0.64	2.01	-1.28	---	---	1.99	-0.62
Max	4.94	1.53	---	---	2.98	0.04	2.90	0.03	3.62	0.65	3.80	1.02
Min	0.76	-1.84	---	---	0.90	-1.88	1.06	-2.22	0.21	-3.31	0.73	-2.47

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Day	High-high	Low-low										
	April		May		June		July		August		September	
1	2.19	-0.45	2.48	-0.29	2.35	-0.48	2.88	-0.28	2.71	-0.40	3.37	-0.22
2	2.47	-0.22	2.64	-0.35	2.36	-0.72	2.65	-0.25	2.35	-0.35	2.86	-0.39
3	2.57	-0.18	2.31	-0.37	3.35	-0.31	2.52	-0.64	2.22	-0.62	2.79	-0.39
4	3.11	0.34	2.22	-0.62	3.52	0.70	2.18	-0.63	2.33	-0.68	2.30	-0.71
5	2.23	-0.28	2.26	-0.63	2.04	0.09	1.43	-1.04	2.66	-0.37	2.69	-0.22
6	2.20	-0.72	3.12	-0.03	2.92	-0.08	2.02	-0.79	2.47	-0.29	2.72	-0.25
7	2.24	0.09	2.14	0.15	2.57	-0.04	2.28	-0.57	2.65	-0.35	2.50	-0.39
8	1.00	-0.90	2.56	-0.48	2.45	-0.13	2.44	-0.33	2.64	-0.32	2.28	-0.96
9	1.29	-1.39	2.08	-0.41	2.73	0.01	2.58	-0.38	2.98	-0.14	2.73	-0.40
10	1.03	-0.70	2.08	-0.23	2.87	0.07	2.62	-0.45	3.36	-0.19	2.83	-0.03
11	1.82	-0.32	2.36	-0.06	2.80	-0.38	2.95	-0.31	3.30	0.56	2.77	0.11
12	2.52	0.02	2.48	-0.21	3.19	-0.20	2.93	-0.26	2.82	-0.37	2.30	-0.41
13	2.56	-1.13	2.63	-0.34	3.98	0.08	2.77	-0.63	2.89	-0.24	2.34	-0.33
14	1.79	-0.91	2.54	-0.59	3.69	0.52	2.81	-0.74	2.82	0.00	2.53	-0.04
15	3.58	-0.14	1.97	-1.69	3.46	0.07	2.58	-0.68	2.48	-0.13	2.78	0.22
16	2.94	-0.81	2.23	-1.84	3.02	-0.39	2.79	-0.46	2.24	-0.27	2.49	0.05
17	3.64	-0.73	3.17	-1.29	2.93	-0.41	2.63	-0.26	2.19	-0.33	2.49	0.13
18	3.95	0.13	3.63	0.22	2.84	-0.27	2.44	-0.09	2.55	-0.28	2.86	0.68
19	3.72	0.46	2.74	-0.62	2.04	-0.05	2.20	0.06	2.36	-0.43	2.48	0.38
20	3.19	-0.03	2.60	-0.59	2.65	0.09	2.16	-0.08	2.48	0.00	2.29	0.10
21	1.99	-0.49	1.78	-0.43	2.54	0.16	2.19	0.08	2.80	0.51	2.44	0.01
22	2.55	-0.37	2.41	-0.37	2.17	-0.07	2.44	0.08	2.80	0.59	2.59	-0.14
23	2.46	-0.60	2.06	-0.40	2.30	0.26	2.94	0.61	2.66	0.28	2.77	-0.27
24	1.69	-0.87	1.83	-0.56	2.24	0.09	2.14	-0.09	2.73	-0.05	2.63	-0.25
25	1.87	-0.30	1.48	-0.72	2.06	-0.29	2.31	-0.17	2.71	-0.23	2.21	-0.93
26	2.68	0.12	1.90	-0.45	2.14	-0.38	2.45	-0.25	2.78	-0.48	2.28	-0.96
27	2.20	-0.02	2.06	-0.25	2.06	-0.61	2.64	-0.42	3.03	-0.30	2.65	-0.88
28	2.41	0.11	2.15	-0.39	2.23	-0.73	2.80	-0.25	3.03	-0.31	3.15	-0.50
29	2.35	-0.03	2.34	-0.32	2.67	-0.50	2.82	-0.56	2.96	-0.28	2.99	-0.51
30	2.40	-0.09	2.51	-0.55	2.77	-0.40	2.89	-0.41	2.90	-0.57	2.83	-0.53
31	---	---	2.28	-0.60	---	---	2.88	-0.34	3.15	-0.17	---	---
Max	3.95	0.46	3.63	0.22	3.98	0.70	2.95	0.61	3.36	0.59	3.37	0.68
Min	1.00	-1.39	1.48	-1.84	2.04	-0.73	1.43	-1.04	2.19	-0.68	2.21	-0.96

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