

Water-Data Report 2011

**01484670 REHOBOTH BAY AT DEWEY BEACH, DE**

Upper Chesapeake Basin  
Chincoteague Subbasin

LOCATION.--Lat 38°41'39.2", long 75°05'03.2" referenced to North American Datum of 1983, Sussex County, DE, Hydrologic Unit 02060010, on north shore of Rehoboth Bay at Head of Bay Cove, at Dewey Beach, and at south end of Venetian Drive on bulkhead of boat slip.

DRAINAGE AREA.--Not determined.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--April 1985 to September 1997, November 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage is 0.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records good. Missing data due to physical gage limitations at extreme low stages and frozen float. 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, 4.45 ft, Oct. 31, 1991; minimum elevation, Unknown.

EXTREMES OUTSIDE PERIOD OF RECORD.--Storm of March 1962 reached a stage of 7.0 ft, from floodmark.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 3.96 ft, Aug. 27; minimum elevation, Unknown.

## 01484670 REHOBOTH BAY AT DEWEY BEACH, DE—Continued

**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Day	High-high		Low-low		High-high		Low-low		High-high		Low-low	
	High-high	Low-low										
	October		November		December		January		February		March	
1	2.04	0.33	1.55	0.04	2.38	0.49	1.34	-0.42	1.84	-0.09	1.61	-0.16
2	2.04	0.47	1.60	0.06	1.62	0.01	1.54	-0.20	2.42	0.36	1.48	-0.11
3	2.92	0.53	1.78	0.17	1.84	-0.03	1.47	-0.24	1.04	-0.28	1.10	-0.47
4	3.32	1.62	2.46	0.37	2.05	0.21	1.58	-0.28	1.45	-0.25	1.40	-0.14
5	2.62	0.89	2.82	0.85	2.05	0.16	1.05	-0.50	1.07	-0.31	1.46	-0.05
6	2.13	0.55	1.98	0.22	1.54	-0.16	1.84	-0.08	1.20	-0.42	1.96	0.16
7	1.99	0.29	1.97	0.13	0.55	---	2.33	0.59	0.92	-0.45	0.70	-0.42
8	1.89	0.11	1.70	0.06	0.96	---	2.46	0.85	1.56	-0.45	0.96	-0.21
9	1.81	0.02	2.24	0.27	0.99	-0.43	1.63	-0.39	0.08	---	1.52	0.20
10	2.48	0.45	2.51	0.68	1.22	-0.34	0.36	-0.61	0.24	---	2.33	1.16
11	1.97	0.24	3.49	1.51	1.37	0.01	0.94	-0.33	0.89	-0.21	2.89	0.53
12	2.32	0.39	3.37	1.85	2.05	0.75	1.58	---	1.21	---	1.87	-0.20
13	2.44	0.63	2.68	1.19	2.03	0.04	---	---	0.55	---	1.02	-0.28
14	2.30	0.57	2.17	0.89	0.98	-0.15	0.97	---	0.68	---	1.09	-0.21
15	1.82	0.63	2.21	0.99	0.70	-0.39	1.34	-0.23	0.38	---	1.40	0.11
16	0.97	-0.66	2.02	0.72	0.95	-0.48	0.99	-0.36	1.43	-0.51	1.96	0.18
17	1.72	0.13	2.16	0.31	1.57	-0.02	1.23	-0.43	1.15	-0.41	1.30	-0.14
18	1.63	0.35	0.64	-0.46	1.50	-0.12	2.37	-0.03	1.59	-0.17	1.41	-0.13
19	1.67	0.25	1.05	-0.58	1.89	0.02	2.20	0.27	0.99	---	1.41	-0.29
20	1.88	0.38	1.53	-0.06	2.29	0.32	1.66	-0.05	0.94	---	1.81	-0.15
21	2.05	0.36	1.28	-0.46	2.01	0.15	1.89	0.04	2.02	0.37	1.62	0.04
22	1.64	0.10	2.01	0.10	2.74	0.69	1.25	-0.29	2.57	0.38	1.86	-0.06
23	1.08	-0.40	1.88	0.08	1.91	0.27	1.41	-0.25	1.93	0.05	2.02	0.43
24	1.19	-0.61	1.47	-0.19	2.38	0.33	1.19	-0.16	1.67	0.19	2.92	0.79
25	1.85	0.07	1.75	-0.15	2.41	0.68	1.15	-0.35	2.17	-0.49	2.30	0.33
26	1.69	-0.06	2.32	0.56	2.25	0.49	1.95	-0.02	0.92	-0.24	1.68	-0.01
27	1.61	-0.01	1.59	-0.05	2.67	-0.17	2.57	1.00	1.52	-0.38	1.55	-0.24
28	1.56	-0.21	1.30	-0.21	0.58	---	1.68	0.24	2.28	0.17	1.04	-0.23
29	1.40	-0.36	1.41	0.05	0.72	---	1.64	0.00	---	---	0.85	-0.54
30	1.60	-0.08	1.75	0.33	1.52	-0.23	1.65	0.00	---	---	1.02	-0.25
31	0.63	-0.65	---	---	1.41	-0.10	1.54	-0.14	---	---	2.14	0.03
<b>Max</b>	3.32	1.62	3.49	1.85	2.74	---	---	---	2.57	---	2.92	1.16
<b>Min</b>	0.63	-0.66	0.64	-0.58	0.55	---	---	---	0.08	---	0.70	-0.54

## 01484670 REHOBOTH BAY AT DEWEY BEACH, DE—Continued

**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Day	High-high	Low-low										
	April		May		June		July		August		September	
<b>1</b>	2.62	1.06	1.69	0.06	1.66	0.04	2.11	0.21	1.67	0.22	2.01	0.28
<b>2</b>	1.39	0.03	1.78	0.24	1.46	-0.30	1.42	0.23	1.95	0.27	2.31	0.43
<b>3</b>	1.06	-0.41	2.12	0.27	0.92	-0.21	2.09	0.29	2.06	0.40	2.25	0.45
<b>4</b>	1.66	-0.09	1.63	-0.05	1.69	0.19	2.12	0.31	2.41	0.60	1.94	0.16
<b>5</b>	0.98	-0.42	0.81	-0.23	1.95	0.36	2.02	0.39	2.13	0.47	2.00	0.15
<b>6</b>	1.04	-0.42	1.55	0.05	2.01	0.29	1.94	0.31	2.03	0.30	2.12	0.00
<b>7</b>	0.82	-0.33	1.79	0.11	1.97	0.32	1.72	0.19	1.96	0.13	2.43	0.74
<b>8</b>	1.80	0.04	1.87	0.24	1.78	0.24	1.95	0.23	2.29	0.31	2.40	0.44
<b>9</b>	1.91	0.22	1.97	0.41	1.88	0.30	2.07	0.23	2.55	0.71	2.34	0.74
<b>10</b>	1.75	0.05	2.33	0.77	1.90	0.25	2.04	0.19	2.24	0.42	2.27	0.54
<b>11</b>	1.63	-0.18	2.63	1.06	2.22	0.35	2.01	0.09	2.29	0.33	2.44	0.79
<b>12</b>	1.13	-0.55	2.67	0.96	2.62	0.50	2.00	-0.09	2.01	0.30	2.15	0.69
<b>13</b>	1.88	0.52	2.37	0.73	2.47	0.37	2.10	0.14	1.89	0.22	2.00	0.57
<b>14</b>	1.94	0.31	2.47	0.60	2.63	0.40	2.58	0.49	2.06	0.40	1.98	0.49
<b>15</b>	1.78	-0.01	2.53	0.68	2.51	0.46	2.17	0.42	2.04	0.64	1.99	0.10
<b>16</b>	3.60	0.38	2.62	0.61	2.46	0.60	1.91	0.30	2.26	0.49	2.19	0.58
<b>17</b>	2.28	0.56	2.85	0.76	1.58	0.24	1.30	0.12	1.99	0.31	2.00	0.39
<b>18</b>	1.99	-0.09	2.69	0.71	2.18	0.41	1.62	-0.11	1.58	0.19	2.41	0.67
<b>19</b>	1.26	-0.16	1.89	0.43	2.23	0.64	1.27	-0.13	1.69	0.16	2.60	1.08
<b>20</b>	1.99	0.10	2.25	0.22	2.34	0.52	1.79	0.41	1.75	0.27	2.00	0.55
<b>21</b>	1.96	-0.17	2.05	0.41	2.00	0.42	1.78	0.31	1.77	0.23	2.01	0.36
<b>22</b>	1.57	-0.12	2.09	0.49	1.73	0.33	1.22	-0.10	1.64	-0.03	1.99	0.33
<b>23</b>	1.80	0.01	2.44	0.75	1.85	0.51	1.52	-0.07	1.86	0.09	2.15	0.31
<b>24</b>	1.44	-0.30	1.89	0.26	2.10	0.67	1.72	0.13	1.72	0.04	1.92	0.21
<b>25</b>	1.17	0.01	1.75	0.31	2.27	0.62	2.13	0.34	2.00	-0.09	1.99	0.28
<b>26</b>	1.52	0.20	1.88	0.52	2.08	0.47	2.24	0.44	1.74	-0.07	2.16	0.41
<b>27</b>	1.42	0.14	1.69	0.37	1.98	0.27	2.15	0.26	3.96	0.31	2.28	0.52
<b>28</b>	1.50	0.15	1.69	0.21	2.11	0.30	2.14	0.24	1.73	0.20	2.57	0.71
<b>29</b>	1.50	-0.11	1.64	0.15	2.12	0.16	2.20	0.25	1.71	-0.15	2.87	0.91
<b>30</b>	1.58	-0.04	1.53	-0.19	2.05	0.27	2.08	0.17	1.91	0.22	2.45	0.45
<b>31</b>	---	---	1.79	-0.07	---	---	2.11	0.23	1.98	0.30	---	---
<b>Max</b>	3.60	1.06	2.85	1.06	2.63	0.67	2.58	0.49	3.96	0.71	2.87	1.08
<b>Min</b>	0.82	-0.55	0.81	-0.23	0.92	-0.30	1.22	-0.13	1.58	-0.15	1.92	0.00

01484670 REHOBOTH BAY AT DEWEY BEACH, DE—Continued

