

Water-Data Report 2011

**01484540 INDIAN RIVER AT ROSEDALE BEACH, DE**

Upper Chesapeake Basin  
Chincoteague Subbasin

LOCATION.--Lat 38°35'29.5", long 75°12'41.7" referenced to North American Datum of 1983, Sussex County, DE, Hydrologic Unit 02060010, on left bank attached to a privately-owned fishing pier, at Seals Point, 1.9 miles west of Oak Orchard.

DRAINAGE AREA.--Not determined.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--April 1991 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 equipment malfunction 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, 6.99 ft, Feb. 5, 1998; minimum elevation, -3.18 ft, Feb. 5, 1995.

EXTREMES OUTSIDE PERIOD OF RECORD.--Storm of March 1962 reached a stage of 6.73 ft, from floodmark.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 5.40 ft Aug. 27; minimum elevation, -1.88 ft, Feb. 19.

## 01484540 INDIAN RIVER AT ROSEDALE 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	High-high	Low-low	High-high	Low-low
	<b>October</b>		<b>November</b>		<b>December</b>		<b>January</b>		<b>February</b>		<b>March</b>	
<b>1</b>	2.67	0.39	2.42	0.06	2.96	0.68	2.31	-0.82	2.73	-0.03	2.74	0.23
<b>2</b>	2.77	0.62	2.41	0.12	2.49	-0.38	2.50	-0.56	3.07	0.30	2.14	-0.44
<b>3</b>	4.11	1.20	2.58	-0.06	2.80	-0.27	2.53	-0.54	2.11	-0.72	2.35	-0.57
<b>4</b>	4.10	2.10	3.27	0.26	2.95	-0.01	2.47	-0.68	2.41	-0.50	2.37	-0.28
<b>5</b>	3.21	0.65	3.56	0.59	3.09	-0.13	2.15	-0.96	2.13	-0.58	2.30	-0.25
<b>6</b>	2.91	0.14	3.13	-0.17	2.25	-0.99	2.82	-0.19	1.65	-0.79	2.56	-0.09
<b>7</b>	2.74	-0.28	3.07	-0.10	1.43	-1.57	3.16	0.66	1.85	-0.68	2.03	-0.46
<b>8</b>	2.86	-0.34	2.53	-0.28	2.01	-1.30	3.29	0.93	2.39	-0.67	1.93	-0.15
<b>9</b>	2.74	-0.52	3.19	0.32	2.04	-0.72	1.50	-0.77	0.88	-1.34	2.47	0.52
<b>10</b>	3.37	0.33	3.33	0.78	2.15	-0.47	1.25	-0.93	1.16	-0.59	3.13	1.44
<b>11</b>	2.86	-0.03	4.31	1.98	2.24	0.03	1.78	-0.35	1.69	-0.29	3.41	0.64
<b>12</b>	3.12	0.40	3.96	2.12	2.59	0.86	2.03	-1.32	1.97	-1.04	2.47	-0.33
<b>13</b>	3.23	0.87	3.24	1.36	2.61	-0.16	0.44	-1.41	1.48	-1.40	1.72	-0.22
<b>14</b>	3.01	0.74	2.81	1.08	1.67	-0.74	1.91	-0.24	1.45	-0.91	1.90	-0.21
<b>15</b>	2.20	0.55	2.84	1.05	1.34	-0.69	2.15	-0.56	1.64	-1.54	2.21	0.27
<b>16</b>	1.93	-1.16	2.62	0.99	1.75	0.00	1.91	-0.27	2.35	-0.74	2.72	0.07
<b>17</b>	2.35	0.12	2.56	-0.11	2.36	0.42	2.27	-0.68	2.21	-1.12	2.27	-0.37
<b>18</b>	2.31	0.44	1.47	-0.83	2.32	-0.23	3.32	0.12	2.54	-0.64	2.30	-0.69
<b>19</b>	2.60	0.44	1.97	-0.91	2.80	0.02	3.13	-0.12	1.86	-1.88	2.49	-0.62
<b>20</b>	2.56	0.44	2.24	-0.41	3.22	0.43	2.73	-0.51	2.22	-1.03	2.73	-0.47
<b>21</b>	2.57	0.16	2.41	-0.83	2.91	-0.08	2.73	-0.38	2.83	-0.05	2.78	-0.52
<b>22</b>	2.40	-0.19	2.87	-0.02	3.60	0.67	2.42	-0.75	3.90	0.17	2.44	-0.27
<b>23</b>	1.87	-1.05	2.56	-0.25	2.89	0.13	2.17	-0.65	2.79	-0.12	2.94	0.38
<b>24</b>	2.05	-1.07	2.66	-0.34	3.36	0.36	2.21	-0.54	2.51	0.06	3.89	0.85
<b>25</b>	2.58	-0.13	2.72	-0.34	3.22	0.50	2.06	-0.74	2.79	-1.27	3.06	0.33
<b>26</b>	2.44	-0.42	2.98	0.34	3.49	0.57	3.11	0.56	1.96	-0.53	2.53	-0.04
<b>27</b>	2.16	-0.34	2.30	-0.29	3.31	-0.35	3.31	0.15	2.42	0.18	2.37	-0.33
<b>28</b>	2.26	-0.50	2.25	-0.37	---	---	2.44	-0.14	2.99	0.24	1.87	-0.79
<b>29</b>	2.32	-0.44	2.18	-0.11	---	---	2.44	0.16	---	---	1.70	-0.17
<b>30</b>	2.17	-0.54	2.47	0.34	2.48	0.09	2.52	-0.09	---	---	1.98	-0.39
<b>31</b>	1.60	-1.16	---	---	2.31	-0.35	2.61	-0.21	---	---	3.13	0.42
<b>Max</b>	4.11	2.10	4.31	2.12	---	---	3.32	0.93	3.90	0.30	3.89	1.44
<b>Min</b>	1.60	-1.16	1.47	-0.91	---	---	0.44	-1.41	0.88	-1.88	1.70	-0.79

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**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	High-high	Low-low	High-high	Low-low
	<b>April</b>		<b>May</b>		<b>June</b>		<b>July</b>		<b>August</b>		<b>September</b>	
<b>1</b>	3.28	0.98	2.47	-0.01	2.44	-0.28	2.99	0.18	2.74	-0.13	3.05	0.08
<b>2</b>	2.04	-0.36	2.57	0.11	2.44	-0.63	2.96	0.04	2.83	-0.04	3.29	0.30
<b>3</b>	1.97	-0.85	2.84	0.16	2.61	-0.37	2.99	0.02	2.86	0.14	3.10	0.38
<b>4</b>	2.24	-0.35	2.58	-0.13	2.75	0.09	2.40	0.22	3.35	0.55	2.78	0.04
<b>5</b>	2.12	-0.93	2.36	-0.58	2.31	0.29	2.88	0.13	2.97	0.40	2.73	-0.01
<b>6</b>	1.55	-1.17	2.55	-0.19	2.81	0.25	2.74	0.15	2.71	0.14	3.16	0.37
<b>7</b>	2.04	-0.52	1.87	0.02	2.72	0.18	2.50	-0.09	2.73	-0.15	3.21	0.81
<b>8</b>	2.73	0.53	2.64	0.29	2.48	0.02	2.69	-0.02	3.05	0.34	3.32	0.87
<b>9</b>	2.86	0.35	2.73	0.49	2.53	0.18	2.94	0.23	3.27	0.62	3.09	0.83
<b>10</b>	2.55	0.02	3.08	0.96	2.71	0.32	2.86	0.16	3.07	0.23	3.08	0.68
<b>11</b>	2.26	-0.32	3.37	1.21	3.05	0.38	2.73	-0.21	3.18	0.49	3.23	0.87
<b>12</b>	2.10	-0.18	3.39	1.09	3.23	0.49	2.97	-0.41	2.84	0.29	2.96	0.75
<b>13</b>	2.63	0.53	3.12	0.75	3.45	0.44	2.98	-0.05	2.68	-0.01	2.77	0.52
<b>14</b>	2.68	0.29	3.34	0.46	3.55	0.43	3.41	0.52	2.87	0.15	2.73	0.44
<b>15</b>	2.97	-0.03	3.37	0.35	3.39	0.39	2.96	0.25	2.95	0.60	2.77	0.51
<b>16</b>	3.99	0.59	3.54	0.44	3.25	0.27	2.69	0.08	2.70	0.57	3.05	0.77
<b>17</b>	2.97	-0.05	3.80	0.72	3.08	-0.03	2.36	-0.19	2.42	0.23	2.87	0.73
<b>18</b>	2.87	-0.57	3.49	0.58	3.10	0.40	2.05	-0.40	2.23	0.12	3.48	1.42
<b>19</b>	3.06	-0.46	3.14	0.11	2.71	0.62	2.02	-0.38	2.35	0.16	3.30	1.37
<b>20</b>	2.89	-0.43	2.22	-0.01	3.15	0.59	2.54	0.51	2.47	0.33	2.69	0.74
<b>21</b>	1.99	-0.41	2.89	0.35	2.76	0.36	2.44	0.32	2.34	0.30	2.73	0.70
<b>22</b>	2.75	-0.04	2.84	0.55	2.44	0.33	2.00	-0.19	2.37	0.19	2.71	0.49
<b>23</b>	2.72	-0.18	3.11	0.59	2.38	0.45	2.22	-0.06	2.56	0.35	2.83	0.39
<b>24</b>	2.14	-0.39	2.39	0.10	2.58	0.75	2.32	0.26	2.36	-0.04	2.80	0.19
<b>25</b>	1.97	-0.12	2.45	0.42	2.91	0.83	2.83	0.59	2.34	-0.34	2.94	0.24
<b>26</b>	2.20	0.01	2.49	0.51	2.80	0.58	2.88	0.57	2.63	-0.26	3.05	0.35
<b>27</b>	1.98	0.03	2.26	0.29	2.76	0.40	2.92	0.43	5.40	---	3.17	0.33
<b>28</b>	1.82	-0.38	2.37	0.11	2.87	0.28	2.90	0.22	---	---	3.51	0.58
<b>29</b>	2.26	-0.21	2.34	-0.05	2.96	0.28	3.01	0.12	---	---	3.69	0.70
<b>30</b>	2.34	0.02	2.42	-0.31	2.91	0.27	2.97	0.04	---	---	3.26	0.31
<b>31</b>	---	---	2.70	-0.04	---	---	2.93	0.01	---	---	---	---
<b>Max</b>	3.99	0.98	3.80	1.21	3.55	0.83	3.41	0.59	---	---	3.69	1.42
<b>Min</b>	1.55	-1.17	1.87	-0.58	2.31	-0.63	2.00	-0.41	---	---	2.69	-0.01

**01484540 INDIAN RIVER AT ROSEDALE BEACH, DE—Continued**

