

**Table 1: New Yprk  
Area of Land within 3.3 ft (1 m) above Spring High Water  
by Likelihood of Shore Protection  
(square miles)**

Jurisdiction	Likelihood of Shore Protection				Nontidal Wetlands	Total <sup>1</sup>	Elevation Error <sup>2</sup> (inches)	Tidal Wetlands
	Almost Certain	Likely	Unlikely	No Protection				
Long Island Sound and Peconic Estuary								
Suffolk <sup>3</sup>	4.9	4.9	0.4	1.3	1.1	13.5	19	14.4
Nassau	1.0	0.02	0.0	0.0	0.0	1.1	38	1.9
Queens	1.3	0.0	0.04	0.0	0.0	1.4	25	0.2
Westchester	0.8	0.02	0.0	0.01	0.0	0.9	25	0.4
Bronx	1.4	0.01	0.06	0.0	0.0	1.5	25	0.5
<b>Total</b>	<b>9.3</b>	<b>4.9</b>	<b>0.5</b>	<b>1.4</b>	<b>1.2</b>	<b>18.2</b>		<b>17.3</b>
Atlantic Coast								
Suffolk	8.2	5.5	0.5	1.4	2.0	18.1	16	17.4
Nassau	10.5	0.4	0.04	0.01	0.2	11.1	19	14.9
Queens	6.2	0.1	0.3	0.5	0.1	7.3	16	2.7
Brooklyn	4.2	0.03	0.2	0.2	0.03	4.8	16	1.4
<b>Total</b>	<b>29.1</b>	<b>6.0</b>	<b>1.1</b>	<b>2.1</b>	<b>2.3</b>	<b>41.3</b>		<b>36.4</b>
New York Harbor								
Westchester	0.7	0.03	0.0	0.0	0.02	0.8	31	0.3
Bronx	0.3	0.0	0.0	0.0	0.0	0.3	25	0.0
Manhattan	1.2	0.0	0.0	0.0	0.0	1.2	25	0.0
Brooklyn	0.5	0.0	0.0	0.0	0.0	0.5	25	0.0
Staten Island	3.5	0.3	0.6	0.01	0.3	4.7	25	2.1
<b>Total</b>	<b>6.3</b>	<b>0.3</b>	<b>0.6</b>	<b>0.01</b>	<b>0.3</b>	<b>7.5</b>		<b>2.4</b>
<b>New York</b>	<b>44.7</b>	<b>11.3</b>	<b>2.2</b>	<b>3.5</b>	<b>3.8</b>	<b>67.0</b>		<b>56.1</b>

1. Total Land includes the five categories listed plus land for which no data was available.
2. This table is based on the area of map polygons within 3.3 feet (1 meter) above the tides. Although the area of the polygons can be tabulated very precisely, the 3.3 feet (1 meter) elevation estimate is subject to the accuracy limits of the underlying elevation data. The elevation error column displays the accuracy limits (root mean square error) of the data used to identify the 1-meter elevation contour.
3. Statistics do not reflect a correction to the Suffolk County map for Gardiners Island, which was incorrectly identified as shore protection likely (instead of shore protection unlikely).

See Table C-2 in Appendix C of Tanski (2008) for details.

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