

Low and High Estimates of the Area of Land Close to Sea Level, by County: Delaware¹ (square kilometers)

		Meters above Spring High Water																			
		low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high				
County		0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0										
		-----Cumulative (total) amount of Dry Land below a given elevation-----																			
Kent		8.8	25	22	41	35	57	48	78	66	98	86	119	107	144	129	168	154	191	178	210
New Castle		7.1	19	17	30	26	41	34	52	44	64	54	75	65	87	77	98	88	110	99	119
Sussex: Chesapeake Bay		0.5	1.6	1.4	3.3	2.7	5.2	4.3	7.1	6	11	8.5	14	12	18	15	24	20	29	26	36
Sussex: Delaware Bay		6.4	18	16	31	27	43	37	55	48	67	60	79	72	89	83	99	93	109	103	120
Sussex: Atlantic Coast		11	32	28	54	46	74	65	95	83	117	104	140	126	163	149	187	173	211	197	234
Statewide		34	96	84	158	136	221	188	287	246	356	313	426	382	499	453	575	527	647	603	719
Wetlands	Tidal	-----Cumulative (total) amount of Nontidal Wetlands below a given elevation-----																			
Kent	169	4.9	11	10	17	15	22	19	25	23	28	26	31	29	34	32	37	36	41	39	44
New Castle	74	1.8	3.8	3.5	4.8	4.3	5.8	5.1	6.7	5.8	7.6	6.7	8.4	7.5	9.2	8.3	9.9	9	11	9.7	11
Sussex: Chesapeake Bay	6.7	0.6	1.8	1.6	2.7	2.4	3.5	3.1	4.4	3.8	5.4	4.8	6.4	5.8	7.7	6.9	9.4	8.4	11	10	13
Sussex: Delaware Bay	67	2.1	4.8	4.6	6.2	5.7	7.5	6.8	8.6	8	9.6	9	11	10	11	11	12	12	13	12	13
Sussex: Atlantic Coast	41	1.7	4.9	4.2	7.5	6.6	10	8.8	12	11	14	13	16	15	17	16	18	18	20	19	21
Statewide	357	11	27	24	38	34	48	43	56	52	64	59	72	67	80	75	87	82	95	90	102
		Cumulative (total) amount of land below a given elevation																			
Dry Land		34	96	84	158	136	221	188	287	246	356	313	426	382	499	453	575	527	650	603	719
Nontidal Wetlands		11	27	24	38	34	48	43	56	51	64	59	72	67	80	75	87	82	95	90	102
All Land	357	402	480	465	553	527	626	588	701	655	778	730	855	806	936	885	1019	967	1102	1050	1178

1. Low and high are an uncertainty range based on the contour interval and/or stated root mean square error (RMSE) of the input elevation data. Calculations assume that half of the RMSE is random error and half is systematic error. For a discussion of these calculations, see Titus and Cacela 2008 or <http://maps.risingsea.net>.