

Low and High Estimates of the Area of Lands Close to Sea Level, by County: New Jersey (square kilometers)

	Meters above Spring High Water ¹																			
	low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high				
	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0										
County	-----Cumulative (total) amount of dry land below a given elevation-----																			
Atlantic	4	13	14	29	29	42	41	54	50	63	57	71	65	79	73	88	81	96	88	106
Bergen	0.9	16	10	31	20	42	29	44	39	47	43	49	45	51	47	54	49	56*	51	58*
Burlington	0.1	6.3	1.7	12	5.1	18	9.3	25	13	33	18	40	24	47	29	55	35	63*	41	69*
Camden	<0.01	3.8	0.1	7.3	1.7	11	4.3	15	6.9	19	9.5	22	12	26	15	29	18	32*	20	35*
Cape May	8	25	26	50	48	69	65	93	80	117	99	139	120	161	141	182	161	199	180	212
Cumberland	3	16	12	29	21	41	30	53	39	65	50	77	61	88	71	98	81	107	91	114
Essex	0.4	6.1	3.9	12	7.6	17	11	20	15	23	18	25	20	28	23	31	25	32*	28	32*
Gloucester	0.2	9.2	6.1	18	12	27	18	33	23	40	30	47	36	53	42	60	48	65	54	69
Hudson	0.6	16	10	32	21	45	31	49	41	53	46	57	50	61	53	65	57	66*	60	67*
Mercer	0	0.1	0	0.1	0.03	0.19	0.1	0.2	0.1	0.3	0.2	0.4	0.2	0.4	0.2	0.4	0.3	0.4*	0.3	0.4*
Middlesex	0.4	8.8	4.3	17	9.2	25	15	31	20	37	25	44	30	50	36	55	41	59*	46	62*
Monmouth	4.1	10	11	20	21	30	31	39	40	47	49	57	58	65	66	73	74	80	82	87
Ocean	4.6	19	22	44	47	66	67	81	81	94	93	107	105	119	117	129	127	139	137	149
Passaic	0	0.2	0.1	0.3	0.2	0.5	0.3	0.7	0.4	0.9	0.6	1.1	0.7	1.3	0.9	1.5	1.1	1.7*	1.3	1.9*
Salem	5.9	27	21	49	38	70	54	84	69	99	84	114	98	127	111	139	123	151	135	160
Somerset	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0.1*	0	0.2*
Union	0.4	6.9	4.2	14	8.4	19	13	23	17	26	20	29	23	33	26	36	29	39*	32	41*
Statewide²	32	184	148	365	289	522	418	645	536	764	642	878	748	989	850	1096	949	1185*	1046	1265*

*This value is probably too low because of a data limitation. See EPA report.

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 Cacula 2008 or <http://maps.risingsea.net>.
2. Because the location of the NY/NJ boundary over Ellis Island was unavailable, the calculations are included in the New York table.

		low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high						
		0.5		1.0		1.5		2.0		2.5		3.0		3.5		4.0		4.5		5.0			
Wetlands	Tidal	-----Cumulative (total) amount of Nontidal Wetlands below a given elevation-----																					
Atlantic	204	4.8	18	15	29	23	41	32	50	40	59	48	68	57	77	65	86	74	94	82	103		
Bergen	15	0.04	0.6	0.4	1.2	0.8	1.5	1.1	1.5	1.48	1.54	1.52	1.55	1.5	1.6	1.5	1.6	1.5	1.8*	1.6	2.1*		
Burlington	43	0.2	10	6.2	20	13	30	19	35	26	40	32	45	36	50	40	54	45	59*	49	63*		
Camden	2	<0.01	0.3	0.1	0.7	0.3	1	0.5	1.3	0.7	1.6	0.9	1.9	1.2	2.2	1.4	2.4	1.6	2.5*	1.8	2.7*		
Cape May	201	7.2	27	22	45	37	63	50	73	63	84	74	94	83	102	92	109	99	115	106	119		
Cumberland	213	4.7	24	18	42	31	58	44	65	55	73	63	81	71	87	77	94	84	99	90	103		
Essex	0	<0.01	0.03	0.02	0.05	0.04	0.07	0.05	0.07	0.07	0.07	0.07	0.08	0.07	0.08	0.07	0.08	0.07	0.08	<0.08	0.08*	<0.08	0.08*
Gloucester	18	0.2	8.8	5.9	17	11	24	17	26	22	27	25	29	26	30	28	32	29	33	30	34		
Hudson	12	0.01	0.2	0.1	0.3	0.19	0.42	0.3	0.4	0.38	0.45	0.4	0.5	0.4	0.5	0.4	0.5	0.46	0.49*	0.47	0.49*		
Mercer	2	0	<0.01	0	0.01	<0.01	0.01	0.01	0.02	0.01	0.02	0.01	0.03	0.01	0.03	0.02	0.03	0.02	0.03*	0.02	0.03*		
Middlesex	22	0.1	1.2	0.7	2.3	1.4	3.3	2.1	3.9	2.9	4.6	3.5	5.3	4	5.9	4.6	6.5	5.1	7.2*	5.7	7.8*		
Monmouth	12	0.6	1.3	1.4	2	2.1	2.6	2.7	3.3	3.4	3.9	4	4.5	4.5	5	5.1	5.7	5.8	6.3	6.4	6.9		
Ocean	125	2.3	12	10	22	19	31	26	38	33	44	39	49	44	54	48	58	53	63	56	66		
Passaic	0	<0.01	0.02	0.01	0.03	0.02	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05*	0.04	0.05*		
Salem	110	9.6	25	22	36	30	46	38	49	45	52	49	55	52	58	55	61	58	64	60	68		
Somerset	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.01	0	0.03*	0	0.04*		
Union	2	0.01	0.2	0.1	0.3	0.2	0.4	0.3	0.5	0.4	0.6	0.4	0.6	0.5	0.7	0.5	0.7	0.6	0.8*	0.6	0.8*		
Statewide	980	30	128	102	219	169	301	233	348	293	393	341	436	381	474	420	513	455	546*	491	576*		
		Cumulative (total) amount of land below a given elevation																					
Dry Land		32	184	148	365	289	522	418	645	536	764	642	878	748	989	850	1096	949	1185*	1046	1265*		
Nontidal Wetlands		30	128	102	219	169	301	233	348	293	393	341	436	381	474	420	513	455	546*	491	576*		
All Land	980	1043	1292	1231	1564	1438	1803	1632	1974	1810	2137	1964	2294	2109	2443	2250	2589	2385	2712*	2517	2822*		

*This value is probably too low because of a data limitation. See Titus and Cacula 2008.

