

Low and High Estimates of the Area of Land Close to Sea Level, by County: Pennsylvania¹ (square kilometers)

		Meters above Spring High Water																			
		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-----																			
Bucks		0.04	4.4	0.2	8.5	2.5	13	5.3	18	9	23	12	27	15	32	19	36	22	39*	25	42*
Delaware		0.4	6.1	4	12	7.9	17	12	18	15	19	17	21	18	22	20	24	21	25	22	26
Philadelphia		3.6	6.1	6.8	12	13	19	20	25	26	31	32	37	37	42	42	46	47	51	51	55
Statewide		4	17	11	33	24	49	37	61	50	73	61	85	71	96	81	106	90	115*	99	123*
		-----Cumulative (total) amount of Nontidal Wetlands below a given elevation-----																			
Wetlands	Tidal																				
Bucks	1.9	0.04	0.9	0.1	1.9	0.6	3	1.2	4.1	2	5.2	2.9	6.3	3.7	7.2	4.5	7.6	5.4	7.9*	6.2	8.2*
Delaware	3.6	0.1	0.8	0.6	1.7	1.1	2.2	1.6	2.2	2.1	2.2	2.2	2.3	2.2	2.3	2.2	2.3	2.25	2.27	2.26	2.28
Philadelphia	0.6	0.5	0.6	0.6	0.9	0.9	1.2	1.2	1.4	1.5	1.61	1.62	1.69	1.71	1.78	1.79	1.84	1.85	1.89	1.89	1.93
Statewide	6.1	0.6	2.4	1.3	4.5	2.7	6.4	4.1	7.7	5.6	9.1	6.7	10	7.7	11	8.6	12	9.5	12*	10	12*
		Cumulative (total) amount of land below a given elevation																			
Dry Land		4	17	11	33	24	49	37	61	50	73	61	85	71	96	81	106	90	115*	99	123*
Nontidal Wetlands		1	2	1	4	3	6	4	8	6	9	7	10	8	11	9	12	9	12*	10	12*
All Land	6	11	25	18	44	32	61	47	75	62	88	74	101	85	113	95	124	106	133*	115	141*

*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> .

