

C-2. Likelihood of Shore Protection in Washington, D.C., High and Low Estimates of the Land within One Meter above Spring High Water¹

(square kilometers)

	Likelihood of Shore Protection								Nontidal Wetlands	Total ²		
	Certain		Likely		Unlikely		No Protection					
	low	high	low	high	low	high	low	high	low	high		
Washington, D.C.	2.3	3.6	0.1	0.2	0.4	0.5	0	0	0.05	0.07	2.9	4.5

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 Annex 3 of this report.

2. Total includes the five categories listed as well as a small amount of low land the authors did not analyze.

C-3. Likelihood of Shore Protection in Washington, D.C., High and Low Estimates of the Land within Two Meters above Spring High Water¹

(square kilometers)

	Likelihood of Shore Protection										Total ²	
	Certain		Likely		Unlikely		No Protection		Nontidal Wetlands			
	low	high	low	high	low	high	low	high	low	high		
Washington, D.C.	4.6	6.4	0.2	0.3	0.6	0.7	0	0	0.09	0.12	5.6	7.6

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 Annex 3 of this report.

2. Total includes the five categories listed as well as a small amount of low land the authors did not analyze.

C-4. Area of Land by Elevation by Shore Protection Likelihood, High and Low Estimates: Washington, D.C.¹

Elevation relative to Spring High Water (m)	Area (square kilometers)															
	Dry land: likelihood of shore protection										Dry Land		Non Tidal Wetlands		All Land	
	Shore Protection Certain		Shore Protection Likely		Shore Protection Unlikely		No Shore Protection		Not Considered							
low	high	low	high	low	high	low	high	low	high	low	high	low	high	low	high	
0.5	1.3	2.4	0.07	0.14	0.3	0.4	0	0	<0.01	<0.01	1.6	3.0	0.03	0.05	1.7	3.0
1.0	2.3	3.6	0.1	0.2	0.4	0.5	0	0	<0.01	<0.01	2.8	4.4	0.0	0.1	2.9	4.4
1.5	3.4	4.9	0.2	0.3	0.5	0.6	0	0	<0.01	<0.01	4.1	5.8	0.07	0.10	4.1	5.9
2.0	4.6	6.4	0.2	0.3	0.6	0.7	0	0	<0.01	<0.01	5.5	7.4	0.09	0.12	5.6	7.6
2.5	6.0	8.0	0.3	0.4	0.7	0.9	0	0	<0.01	<0.01	7.0	9.3	0.12	0.14	7.2	9.4
3.0	7.6	9.7	0.4	0.5	0.8	0.9	0	0	<0.01	<0.01	8.9	11	0.1	0.2	9.0	11
3.5	9.3	11	0.5	0.6	0.9	1.0	0	0	<0.01	<0.01	11	13	0.15	0.19	11	13
4.0	11	13	0.5	0.6	1.0	1.1	0	0	<0.01	<0.01	13	15	0.18	0.24	13	15
4.5	13	14	0.6	0.7	1.1	1.2	0	0	<0.01	<0.01	14	16	0.2	0.3	14	17
5.0	14	16	0.7	0.8	1.2	1.3	0	0	<0.01	<0.01	16	18	0.28	0.32	16	18

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 Annex 3 of this report.