

Low and High Estimates of the Area of Land Close to Sea Level, by County: Maryland¹ (square kilometers)

| County | Meters above Spring High Water | | | | | | | | | | | | | | | | | | | |
|------------------|---|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|--------------|
| | low | high | 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 | | | | | | | | | | |
| | -----Cumulative (total) amount of Dry Land below a given elevation----- | | | | | | | | | | | | | | | | | | | |
| Anne Arundel | 1.7 | 7.2 | 6.7 | 15 | 12 | 26 | 20 | 39 | 32 | 50 | 44 | 59 | 54 | 68 | 63 | 77 | 72 | 86 | 81 | 94 |
| Baltimore County | 2.3 | 6.6 | 7.3 | 13 | 14 | 20 | 21 | 27 | 28 | 36 | 37 | 46 | 47 | 56 | 57 | 65 | 66 | 73 | 75 | 81 |
| Baltimore City | 0.2 | 2.1 | 0.9 | 3.9 | 1.7 | 5.7 | 2.7 | 7.5 | 4.2 | 9.7 | 5.7 | 12 | 7.4 | 14 | 9.6 | 17 | 12 | 19 | 14 | 21 |
| Calvert | 0.4 | 3.9 | 1.7 | 5.8 | 3.1 | 7.6 | 4.6 | 10 | 6.1 | 14 | 7.6 | 17 | 10.0 | 21 | 14 | 26 | 17 | 31 | 21 | 36 |
| Caroline | 0.7 | 3.2 | 2.2 | 6.1 | 4.1 | 9.2 | 6.9 | 13 | 9.9 | 16 | 13 | 20 | 16 | 23 | 19 | 27 | 23 | 30* | 26 | 33* |
| Cecil | 0.2 | 2.5 | 1.0 | 5.2 | 1.8 | 7.9 | 3.7 | 12 | 5.7 | 16 | 7.8 | 20 | 11 | 25 | 16 | 29 | 20 | 34 | 24 | 38 |
| Charles | 0.7 | 12 | 4.8 | 21 | 9.0 | 30 | 15 | 40 | 22 | 53 | 30 | 67 | 40 | 77 | 53 | 85 | 66 | 93 | 77 | 99 |
| Dorchester | 30 | 120 | 150 | 215 | 231 | 269 | 282 | 313 | 322 | 348 | 358 | 386 | 396 | 416 | 423 | 439 | 445 | 457 | 462 | 474 |
| Harford | 0.7 | 17 | 7.6 | 25 | 15 | 33 | 22 | 40 | 28 | 49 | 34 | 57 | 42 | 64 | 50 | 69 | 59 | 74 | 65 | 78 |
| Howard | 0 | 0.01 | 0.01 | 0.03 | 0.01 | 0.05 | 0.02 | 0.07 | 0.04 | 0.1 | 0.05 | 0.14 | 0.07 | 0.2 | 0.1 | 0.2 | 0.1 | 0.3 | 0.2 | 0.3 |
| Kent | 0.2 | 8.4 | 4.8 | 16 | 10 | 23 | 16 | 33 | 23 | 45 | 29 | 56 | 37 | 68 | 48 | 80 | 59 | 93 | 71 | 105 |
| Prince George's | 0.2 | 2.2 | 0.9 | 3.9 | 1.6 | 5.6 | 2.9 | 7.2 | 4.3 | 8.9 | 5.6 | 11 | 7.1 | 13 | 8.9 | 16 | 11 | 19 | 13 | 21 |
| Queen Anne's | 0.6 | 4.1 | 5.3 | 12 | 14 | 22 | 24 | 35 | 37 | 50 | 52 | 68 | 69 | 88 | 89 | 107 | 107 | 126 | 125 | 143 |
| Somerset | 17 | 58 | 70 | 101 | 113 | 153 | 168 | 193 | 198 | 210 | 215 | 233 | 240 | 260 | 268 | 289 | 297 | 318 | 327 | 345 |
| St. Mary's | 2.4 | 16 | 8.0 | 28 | 14 | 41 | 24 | 58 | 35 | 79 | 46 | 101 | 62 | 118 | 83 | 129 | 104 | 139 | 120 | 148 |
| Talbot | 2.2 | 7.8 | 11 | 24 | 30 | 54 | 64 | 99 | 110 | 139 | 149 | 175 | 184 | 210 | 218 | 239 | 245 | 260 | 266 | 279 |
| Wicomico | 5.0 | 15 | 18 | 29 | 32 | 43 | 47 | 58 | 62 | 72 | 76 | 86 | 90 | 101 | 105 | 115 | 119 | 129 | 133 | 142 |
| Worcester | 4.4 | 21 | 25 | 48 | 53 | 83 | 88 | 119 | 124 | 153 | 158 | 183 | 187 | 209 | 213 | 235 | 239 | 261 | 265 | 288 |
| Statewide | 69 | 307 | 326 | 570 | 560 | 832 | 812 | 1104 | 1053 | 1350 | 1267 | 1596 | 1500 | 1833 | 1737 | 2045 | 1960 | 2243* | 2165 | 2425* |

*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 Cacela 2008 or <http://maps.risingsea.net>.

| | | low | high | 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 | |
| Wetlands | Tidal | -----Cumulative (total) amount of Nontidal Wetlands below a given elevation----- | | | | | | | | | | | | | | | | | | | |
| Anne Arundel | 12 | 0.2 | 0.7 | 0.6 | 1.6 | 1.1 | 4.8 | 3.1 | 8.1 | 6.3 | 11 | 9.5 | 12 | 12 | 14 | 13 | 15 | 14 | 16 | 15 | 17 |
| Baltimore County | 10 | 0.1 | 0.3 | 0.3 | 0.7 | 0.7 | 1.0 | 1.0 | 1.3 | 1.3 | 1.5 | 1.5 | 1.7 | 1.7 | 1.8 | 1.8 | 2.0 | 2.0 | 2.2 | 2.2 | 2.3 |
| Baltimore City | 0.2 | <0.01 | 0.03 | 0.01 | 0.04 | 0.02 | 0.05 | 0.03 | 0.1 | 0.04 | 0.1 | 0.05 | 0.1 | 0.06 | 0.1 | 0.06 | 0.1 | 0.07 | 0.1 | 0.08 | 0.1 |
| Calvert | 15 | 0.1 | 0.9 | 0.4 | 1.3 | 0.7 | 1.7 | 1.1 | 2.2 | 1.4 | 3.0 | 1.7 | 3.8 | 2.2 | 4.7 | 3.0 | 5.7 | 3.8 | 6.6 | 4.7 | 7.5 |
| Caroline | 14 | 0.3 | 1.4 | 0.7 | 2.6 | 1.3 | 4.0 | 2.5 | 5.3 | 3.5 | 6.4 | 4.4 | 7.5 | 5.3 | 8.6 | 6.2 | 9.8 | 7.1 | 11* | 8.0 | 12* |
| Cecil | 13 | 0.01 | 0.2 | 0.04 | 0.7 | 0.1 | 1.2 | 0.4 | 1.7 | 0.8 | 2.3 | 1.2 | 2.8 | 1.7 | 3.5 | 2.2 | 4.2 | 2.8 | 4.9 | 3.5 | 5.5 |
| Charles | 24 | 0.1 | 3.8 | 1.5 | 6.5 | 2.9 | 9.2 | 4.8 | 12 | 7.0 | 14 | 9.3 | 16 | 12 | 18 | 14 | 20 | 16 | 21 | 18 | 23 |
| Dorchester | 425 | 15 | 46 | 53 | 70 | 76 | 90 | 94 | 104 | 107 | 112 | 114 | 121 | 124 | 129 | 131 | 136 | 137 | 139 | 140 | 143 |
| Harford | 29 | 0.2 | 2.5 | 1.2 | 3.8 | 2.3 | 5.0 | 3.3 | 6.2 | 4.3 | 7.6 | 5.2 | 9.0 | 6.4 | 10 | 7.8 | 11 | 9.1 | 11 | 10 | 12 |
| Howard | 0 | 0 | 0.03 | 0.01 | 0.04 | 0.02 | 0.04 | 0.03 | 0.05 | 0.04 | 0.06 | 0.04 | 0.06 | 0.05 | 0.07 | 0.06 | 0.08 | 0.06 | 0.09 | 0.07 | 0.10 |
| Kent | 18 | 0.1 | 1.1 | 0.9 | 2.6 | 2.0 | 4.1 | 3.3 | 5.4 | 4.3 | 6.8 | 5.2 | 7.9 | 6.1 | 9.3 | 7.2 | 11 | 8.3 | 13 | 9.7 | 14 |
| Prince George's | 14 | 0.1 | 0.8 | 0.3 | 1.4 | 0.6 | 2.0 | 1.0 | 2.5 | 1.5 | 3.2 | 2.0 | 3.8 | 2.5 | 4.7 | 3.2 | 5.6 | 3.8 | 6.5 | 4.6 | 7.2 |
| Queen Anne's | 21 | 0.2 | 1.1 | 1.5 | 3.0 | 3.2 | 4.8 | 4.9 | 6.5 | 6.5 | 8.1 | 7.9 | 9.6 | 9.5 | 12 | 11 | 14 | 13 | 16 | 15 | 18 |
| Somerset | 265 | 6.6 | 16 | 17 | 21 | 23 | 31 | 35 | 40 | 41 | 43 | 45 | 52 | 54 | 60 | 62 | 69 | 71 | 78 | 81 | 90 |
| St. Mary's | 19 | 0.5 | 2.8 | 1.7 | 5.3 | 2.8 | 7.8 | 4.6 | 11 | 6.7 | 15 | 8.8 | 19 | 12 | 22 | 16 | 25 | 20 | 28 | 23 | 31 |
| Talbot | 26 | 0.1 | 0.3 | 0.5 | 1.0 | 1.3 | 2.1 | 2.5 | 4.2 | 4.8 | 6.2 | 6.8 | 8.5 | 9.1 | 12 | 13 | 15 | 16 | 17 | 18 | 20 |
| Wicomico | 67 | 5.4 | 9.9 | 11 | 13 | 16 | 22 | 24 | 29 | 30 | 35 | 37 | 44 | 47 | 54 | 56 | 60 | 62 | 66 | 67 | 70 |
| Worcester | 142 | 0.7 | 5.2 | 6.0 | 10 | 11 | 16 | 17 | 22 | 23 | 29 | 30 | 36 | 37 | 42 | 43 | 48 | 49 | 54 | 54 | 58 |
| Statewide | 1116 | 29 | 93 | 97 | 146 | 145 | 207 | 203 | 261 | 249 | 304 | 289 | 355 | 341 | 406 | 390 | 451 | 435 | 490* | 474 | 531* |
| | | | | | | | | | | | | | | | | | | | | | |
| | | Cumulative (total) amount of land below a given elevation | | | | | | | | | | | | | | | | | | | |
| Dry Land | | 69 | 307 | 326 | 570 | 560 | 832 | 812 | 1104 | 1053 | 1350 | 1267 | 1596 | 1500 | 1833 | 1737 | 2045 | 1960 | 2243* | 2165 | 2425* |
| Nontidal Wetlands | | 29 | 93 | 97 | 146 | 145 | 207 | 203 | 261 | 249 | 304 | 289 | 355 | 341 | 406 | 390 | 451 | 435 | 490* | 474 | 531* |
| All Land | 1116 | 1214 | 1516 | 1539 | 1832 | 1820 | 2155 | 2130 | 2481 | 2418 | 2769 | 2672 | 3067 | 2957 | 3354 | 3243 | 3612 | 3510 | 3849* | 3754 | 4071* |

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