

Table 1. Low and high estimates for the area of dry and wet land close to sea level, Hampton Roads, Virginia (square kilometers).

| | Tidal | 50 cm | | 1 meter | | 2 meters | | 3 meters | | 5 meters | |
|---|---|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|
| | | Low | High | Low | High | Low | High | Low | High | Low | High |
| Locality | Cumulative (total) amount of Dry Land below a given elevation | | | | | | | | | | |
| Virginia Beach | | 9.3 | 33.0 | 30.3 | 68.7 | 93.6 | 163.2 | 184.7 | 272.9 | 378.1 | 418.2 |
| Chesapeake | | 3.5 | 11.9 | 10.8 | 30.6 | 44.6 | 86.6 | 100.4 | 204.5 | 353.0 | 429.7 |
| Norfolk | | 1.9 | 5.8 | 5.2 | 17.1 | 24.0 | 42.4 | 52.4 | 91.2 | 121.7 | 128.2 |
| Portsmouth | | 1.2 | 3.9 | 3.5 | 9.6 | 12.8 | 22.0 | 26.7 | 45.0 | 62.6 | 69.9 |
| Suffolk | | 0.7 | 4.3 | 3.1 | 7.1 | 7.5 | 15.2 | 13.0 | 31.0 | 47.3 | 73.3 |
| Isle of Wight | | 0.2 | 3.4 | 2.1 | 6.2 | 6.0 | 12.8 | 10.1 | 21.6 | 26.8 | 42.0 |
| Surry | | 0.0 | 1.4 | 0.7 | 2.7 | 2.7 | 5.3 | 4.6 | 7.1 | 8.1 | 11.2 |
| James City | | 0.1 | 3.8 | 2.2 | 7.2 | 7.0 | 14.2 | 11.8 | 22.1 | 26.7 | 38.7 |
| York | | 1.4 | 6.0 | 4.8 | 13.1 | 16.3 | 27.7 | 28.3 | 37.3 | 44.3 | 51.3 |
| Newport News | | 2.2 | 6.9 | 6.1 | 11.0 | 12.9 | 17.9 | 19.3 | 24.8 | 34.9 | 42.3 |
| Poquoson | | 1.4 | 4.5 | 4.1 | 8.8 | 10.9 | 16.3 | 16.4 | 16.6 | 16.7 | 16.7 |
| Hampton | | 1.9 | 5.9 | 5.3 | 18.1 | 25.4 | 45.3 | 51.2 | 73.8 | 94.7 | 102.4 |
| Total | | 23.8 | 90.8 | 78.2 | 200.2 | 263.6 | 468.9 | 519.0 | 847.9 | 1214.9 | 1423.8 |
| | Cumulative (total) amount of wetlands below a given elevation | | | | | | | | | | |
| Virginia Beach | 111.9 | 4.2 | 14.5 | 13.3 | 24.9 | 29.1 | 40.9 | 43.5 | 49.6 | 56.5 | 59.3 |
| Chesapeake | 39.7 | 4.5 | 16.6 | 15.4 | 32.1 | 36.4 | 58.3 | 55.7 | 120.2 | 180.3 | 250.8 |
| Norfolk | 4.7 | 0.1 | 0.3 | 0.2 | 0.5 | 0.7 | 1.1 | 1.1 | 1.5 | 1.7 | 1.7 |
| Portsmouth | 3.7 | 2.4 | 7.7 | 6.8 | 8.9 | 9.1 | 9.5 | 9.6 | 10.3 | 10.9 | 11.2 |
| Suffolk | 26.4 | 0.0 | 0.2 | 0.1 | 0.3 | 0.3 | 0.8 | 0.5 | 1.8 | 2.9 | 33.1 |
| Isle of Wight | 28.6 | 0.0 | 0.3 | 0.2 | 0.6 | 0.6 | 1.4 | 1.0 | 3.1 | 4.0 | 7.3 |
| Surry | 11.5 | 0.0 | 0.6 | 0.3 | 1.3 | 1.2 | 2.4 | 2.1 | 2.7 | 2.9 | 3.4 |
| James City | 32.8 | 0.0 | 0.8 | 0.4 | 1.5 | 1.4 | 2.8 | 2.5 | 3.7 | 4.2 | 5.6 |
| York | 17.0 | 0.2 | 0.9 | 0.7 | 2.7 | 3.7 | 6.7 | 6.9 | 8.0 | 9.2 | 9.9 |
| Newport News | 15.1 | 0.1 | 0.3 | 0.3 | 0.7 | 0.9 | 1.3 | 1.4 | 1.4 | 1.6 | 1.7 |
| Poquoson | 23.7 | 0.0 | 0.1 | 0.1 | 0.4 | 0.6 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| Hampton | 14.3 | 0.1 | 0.2 | 0.2 | 0.4 | 0.5 | 0.9 | 1.1 | 2.2 | 4.4 | 6.2 |
| Total | 329.4 | 11.7 | 42.4 | 38.0 | 74.2 | 84.5 | 127.1 | 126.5 | 205.4 | 279.5 | 391.1 |
| Dry and Nontidal wetland | | 35 | 133 | 116 | 274 | 348 | 596 | 645 | 1053 | 1494 | 1815 |
| All Land | 329 | 365 | 463 | 446 | 604 | 677 | 925 | 975 | 1383 | 1824 | 2144 |
| Source: CCSP (2008) Coastal Sensitivity to Sea Level Rise. Expert Review Draft. | | | | | | | | | | | |

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