|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | A |  |  |
|  |  | Pamlico |  |  |
|  |  | Shoreline | at 6.7 m MSL |  |
|  |  |  |  |  |
|  | h | x | t | u |
| Geographic Location | Water depth (m) | Distance Offshore (km) | Resulting rebound after regression (m) | Depression (m) |
|  |  |  |  |  |
|  | 0.00 | -30 | 8.56 | -8.56 |
|  | 0.00 | -25 | 8.96 | -8.96 |
|  | 0.00 | -20 | 9.36 | -9.36 |
|  | 0.00 | -15 | 9.75 | -9.75 |
|  | 0.00 | -10 | 10.15 | -10.15 |
|  | 0.00 | -5.0 | 10.54 | -10.54 |
| **Shoreline** | **2.50** | **0.0** | **8.42** | **-10.92** |
|  | 5.00 | 5.0 | 6.3 | -11.3 |
|  | 7.50 | 10 | 4.16 | -11.66 |
|  | 10.00 | 15 | 2.01 | -12.01 |
|  | 15.00 | 20 | -2.66 | -12.34 |
|  | 17.50 | 25 | -4.84 | -12.66 |
|  | 20.00 | 30 | -7.05 | -12.95 |
|  | 22.50 | 35 | -9.28 | -13.22 |
|  | 25.00 | 40 | -11.54 | -13.46 |
|  | 27.50 | 45 | -13.82 | -13.68 |
|  | 30.00 | 50 | -16.14 | -13.86 |
|  | 32.50 | 55 | -18.49 | -14.01 |
|  | 35.00 | 60 | -20.87 | -14.13 |
|  | 37.50 | 65 | -23.29 | -14.21 |
|  | 40.00 | 70 | -25.75 | -14.25 |
|  | 42.50 | 75 | -28.24 | -14.26 |
|  | 45.00 | 80 | -30.78 | -14.22 |
|  | 47.50 | 85 | -33.35 | -14.15 |
|  | 50.00 | 90 | -35.96 | -14.04 |
|  | 52.50 | 95 | -38.6 | -13.9 |
|  | 55.00 | 100 | -41.29 | -13.71 |
| Shelf edge | 57.00 | 105 | -43.5 | -13.5 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | B |  |  |
|  |  | Princess Anne |  |  |
|  |  | Shoreline | at 5.18 m MSL |  |
|  |  |  |  |  |
|  | h | x | t | u |
| Geographic Location | Water depth (m) | Distance Offshore (km) | Resulting rebound after regression (m) | Depression (m) |
|  |  |  |  |  |
| Pamlico shoreline | 0.00 | -30 | 7.23 | -7.23 |
|  | 0.00 | -25 | 7.55 | -7.55 |
|  | 0.00 | -20 | 7.86 | -7.86 |
|  | 0.00 | -15 | 8.17 | -8.17 |
|  | 0.00 | -10 | 8.48 | -8.48 |
|  | 0.00 | -5.0 | 8.78 | -8.78 |
| **Shoreline** | **4.00** | **0.0** | **5.08** | **-9.08** |
|  | 5.00 | 5.0 | 4.36 | -9.36 |
|  | 7.00 | 10 | 2.64 | -9.64 |
|  | 9.16 | 15 | 0.73 | -9.89 |
|  | 12.22 | 20 | -2.08 | -10.14 |
|  | 15.27 | 25 | -4.91 | -10.36 |
|  | 18.33 | 30 | -7.76 | -10.57 |
|  | 21.38 | 35 | -10.63 | -10.75 |
|  | 24.44 | 40 | -13.53 | -10.91 |
|  | 27.50 | 45 | -16.46 | -11.04 |
|  | 30.55 | 50 | -19.41 | -11.14 |
|  | 33.61 | 55 | -22.39 | -11.22 |
|  | 36.66 | 60 | -25.40 | -11.26 |
|  | 39.72 | 65 | -28.44 | -11.28 |
|  | 42.77 | 70 | -31.51 | -11.26 |
|  | 45.83 | 75 | -34.63 | -11.20 |
|  | 48.88 | 80 | -37.76 | -11.12 |
|  | 51.94 | 85 | -40.94 | -11.00 |
| Shelf edge | 55.00 | 90 | -44.14 | -10.86 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | C |  |  |
|  |  | Princess Anne |  |  |
|  |  | Shoreline | at -20 m MSL |  |
|  |  |  |  |  |
|  | h | x | t | u |
| Geographic Location | Water depth (m) | Distance Offshore (km) | Resulting rebound after regression (m) | Depression (m) |
|  |  |  |  |  |
| Pamlico shoreline | 0.00 | -30 | 4.34 | -4.34 |
|  | 0.00 | -25 | 4.53 | -4.53 |
|  | 0.00 | -20 | 4.72 | -4.72 |
|  | 0.00 | -15 | 4.90 | -4.90 |
|  | 0.00 | -10 | 5.09 | -5.09 |
|  | 0.00 | -5.0 | 5.26 | -5.26 |
| **Shoreline** | **1.66** | **0.0** | **3.78** | **-5.44** |
|  | 3.33 | 5.0 | 2.28 | -5.61 |
|  | 5.00 | 10 | 0.77 | -5.77 |
|  | 6.66 | 15 | -0.74 | -5.92 |
|  | 8.33 | 20 | -2.27 | -6.06 |
|  | 10.00 | 25 | -3.81 | -6.19 |
|  | 11.66 | 30 | -5.35 | -6.31 |
|  | 13.33 | 35 | -6.91 | -6.42 |
|  | 15.00 | 40 | -8.49 | -6.51 |
|  | 16.66 | 45 | -10.08 | -6.58 |
|  | 18.33 | 50 | -11.69 | -6.64 |
|  | 20.00 | 55 | -13.32 | -6.68 |
|  | 21.33 | 60 | -14.96 | -6.70 |
|  | 23.33 | 65 | -16.63 | -6.70 |
|  | 25.00 | 70 | -18.31 | -6.69 |
|  | 26.66 | 75 | -20.01 | -6.65 |
|  | 28.33 | 80 | -21.73 | -6.60 |
|  | 30.00 | 85 | -23.47 | -6.53 |
| Shelf edge | 30.00 | 90 | -23.56 | -6.44 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | D |  |  |
|  |  | Silver Bluff |  |  |
|  |  | Shoreline | at 3.0 m MSL |  |
|  |  |  |  |  |
|  | h | x | t | u |
| Geographic Location | Water depth (m) | Distance Offshore (km) | Resulting rebound after regression (m) | Depression (m) |
|  |  |  |  |  |
| Pamlico shoreline | 0.00 | -30 | 5.38 | -5.38 |
|  | 0.00 | -25 | 5.61 | -5.61 |
|  | 0.00 | -20 | 5.83 | -5.83 |
| PA shoreline | 0.00 | -15 | 6.05 | -6.05 |
|  | 0.00 | -10 | 6.26 | -6.26 |
|  | 0.00 | -5.0 | 6.47 | -6.47 |
| **Shoreline** | **4.00** | **0.0** | **2.67** | **-6.67** |
|  | 5.00 | 5.0 | 1.86 | -6.86 |
|  | 5.37 | 10 | 1.67 | -7.04 |
|  | 8.06 | 15 | -0.85 | -7.21 |
|  | 10.75 | 20 | -3.38 | -7.37 |
|  | 13.43 | 25 | -5.92 | -7.51 |
|  | 16.12 | 30 | -8.49 | -7.63 |
|  | 18.81 | 35 | -11.07 | -7.74 |
|  | 21.50 | 40 | -13.67 | -7.83 |
|  | 24.18 | 45 | -16.29 | -7.89 |
|  | 26.87 | 50 | -18.93 | -7.94 |
|  | 29.56 | 55 | -21.60 | -7.96 |
|  | 32.25 | 60 | -24.29 | -7.96 |
|  | 35.93 | 65 | -26.99 | -7.94 |
|  | 37.63 | 70 | -29.74 | -7.89 |
|  | 40.31 | 75 | -32.49 | -7.82 |
| Shelf edge | 43.00 | 80 | -35.27 | -7.73 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | E |  |  |
|  |  | Silver Bluff |  |  |
|  |  | Shoreline | at -40 m MSL |  |
|  |  |  |  |  |
|  | h | x | t | u |
| Geographic Location | Water depth (m) | Distance Offshore (km) | Resulting rebound after regression (m) | Depression (m) |
|  |  |  |  |  |
| Pamlico shoreline | 0.00 | -120 | 0.85 | -0.85 |
|  | 0.00 | -115 | 0.91 | -0.91 |
|  | 0.00 | -110 | 0.97 | -0.97 |
| PA shoreline | 0.00 | -105 | 1.03 | -1.03 |
|  | 0.00 | -100 | 1.10 | -1.10 |
|  | 0.00 | -95 | 1.16 | -1.16 |
|  | 0.00 | -90 | 1.23 | -1.23 |
|  | 0.00 | -85 | 1.30 | -1.30 |
|  | 0.00 | -80 | 1.37 | -1.37 |
|  | 0.00 | -75 | 1.44 | -1.44 |
|  | 0.00 | -70 | 1.51 | -1.51 |
|  | 0.00 | -65 | 1.58 | -1.58 |
|  | 0.00 | -60 | 1.66 | -1.66 |
|  | 0.00 | -55 | 1.73 | -1.73 |
|  | 0.00 | -50 | 1.80 | -1.80 |
|  | 0.00 | -45 | 1.87 | -1.87 |
|  | 0.00 | -40 | 1.94 | -1.94 |
|  | 0.00 | -35 | 2.01 | -2.01 |
|  | 0.00 | -30 | 2.08 | -2.08 |
|  | 0.00 | -25 | 2.14 | -2.14 |
|  | 0.00 | -20 | 2.20 | -2.20 |
|  | 0.00 | -15 | 2.26 | -2.26 |
|  | 0.00 | -10 | 2.32 | -2.32 |
|  | 0.00 | -5.0 | 2.37 | -2.37 |
| **Shoreline** | **5.0** | **0.0** | **-2.59** | **-2.41** |
|  | 10 | 2.0 | -7.55 | -2.45 |
|  | 10 | 5.0 | -7.52 | -2.48 |
|  | 10 | 10 | -7.49 | -2.51 |
| Shelf edge | 10 | 20 | -7.47 | -2.53 |