# Tidal Data

# Tidal error

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Station name | K1 | O1 | P1 | Q1 | M2 | K2 | N2 | S2 |
| Campbell River | 0.048 | 0.035 | 0.026 | 0.011 | 0.126 | 0.019 | 0.03 | 0.04 |
| Cherry Point | 0.026 | 0.025 | 0.015 | 0.01 | 0.095 | 0.004 | 0.022 | 0.026 |
| Friday Harbour | 0.036 | 0.029 | 0.016 | 0.009 | 0.104 | 0.004 | 0.022 | 0.025 |
| Nanaimo Harbour | 0.037 | 0.033 | 0.018 | 0.011 | 0.109 | 0.001 | 0.028 | 0.034 |
| Kitsilano | 0.033 | 0.03 | 0.021 | 0.01 | 0.111 | 0.002 | 0.028 | 0.035 |
| Port Renfrew | 0.052 | 0.022 | 0.02 | 0.006 | 0.062 | 0.01 | 0.017 | 0.022 |
| Sand Heads | 0.096 | 0.059 | 0.045 | 0.023 | 0.179 | 0.015 | 0.047 | 0.064 |
| Sandy Cove | 0.031 | 0.029 | 0.018 | 0.01 | 0.106 | 0.001 | 0.028 | 0.033 |
| Patricia Bay | 0.046 | 0.035 | 0.017 | 0.01 | 0.128 | 0.006 | 0.028 | 0.035 |
| Point Atkinson | 0.031 | 0.03 | 0.018 | 0.01 | 0.108 | 0.001 | 0.027 | 0.034 |
| Port Angeles | 0.04 | 0.011 | 0.018 | 0.006 | 0.091 | 0.007 | 0.014 | 0.019 |
| Port Townsend | 0.041 | 0.02 | 0.02 | 0.01 | 0.125 | 0.012 | 0.019 | 0.023 |
| Victoria Harbour | 0.037 | 0.014 | 0.017 | 0.007 | 0.082 | 0.008 | 0.015 | 0.018 |

# Amp (mod-obs)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Station name | K1 | O1 | P1 | Q1 | M2 | K2 | N2 | S2 |
| Campbell River | -0.067 | -0.0489 | -0.0354 | -0.0129 | 0.0391 | 0.0158 | 0.0019 | 0.017 |
| Cherry Point | -0.0229 | -0.0036 | -0.0212 | -0.005 | -0.0888 | -0.0058 | -0.0189 | -0.0241 |
| Friday Harbour | -0.0284 | -0.0052 | -0.0204 | -0.0057 | -0.1087 | -0.0043 | -0.0223 | -0.0269 |
| Nanaimo Harbour | -0.0272 | -0.0047 | -0.0239 | -0.0051 | -0.0789 | -0.002 | -0.019 | -0.0247 |
| Kitsilano | -0.0281 | -0.0055 | -0.0283 | -0.0033 | -0.0861 | -0.0031 | -0.0198 | -0.0265 |
| Port Renfrew | -0.0447 | -0.0164 | -0.0146 | -0.0068 | 0.0874 | 0.0051 | 0.0222 | 0.0254 |
| Sand Heads | -0.1053 | -0.0648 | -0.0604 | -0.0227 | -0.1647 | 0.0178 | -0.0449 | -0.0576 |
| Sandy Cove | -0.0229 | -0.0014 | -0.0243 | -0.0027 | -0.0795 | -0.0017 | -0.0192 | -0.0253 |
| Patricia Bay | -0.0177 | -0.0001 | -0.0174 | -0.006 | -0.0678 | 0.0006 | -0.0157 | -0.0199 |
| Point Atkinson | -0.0225 | -0.0013 | -0.0244 | -0.0027 | -0.0788 | -0.0008 | -0.0194 | -0.0245 |
| Port Angeles | -0.0541 | -0.016 | -0.0227 | -0.0091 | -0.0347 | -0.0051 | -0.0021 | 0.0035 |
| Port Townsend | -0.0575 | -0.0272 | -0.0274 | -0.0116 | -0.1413 | -0.0134 | -0.0222 | -0.0195 |
| Victoria Harbour | -0.0518 | -0.0158 | -0.0233 | -0.0089 | -0.0389 | -0.0067 | -0.0035 | 0.0054 |

# Phase (mod-obs)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Station name | K1 | O1 | P1 | Q1 | M2 | K2 | N2 | S2 |
| Campbell River | -0.69 | 1.16 | -1.87 | 7.38 | -12.81 | -23.39 | -14.89 | -15.01 |
| Cherry Point | 2.12 | 4.37 | 1.25 | 10.74 | 8.53 | 2.3 | 10.18 | 9.74 |
| Friday Harbour | 3.19 | 5.38 | 2.11 | 9.96 | 11.34 | 6.0 | 11.93 | 11.36 |
| Nanaimo Harbour | 2.96 | 5.45 | 2.22 | 11.5 | 8.42 | -0.2 | 10.53 | 10.44 |
| Kitsilano | 2.51 | 5.06 | 1.45 | 10.6 | 8.49 | 0.32 | 10.64 | 10.52 |
| Port Renfrew | -7.62 | -5.57 | -9.98 | -6.98 | 0.56 | -13.62 | 3.83 | 4.72 |
| Sand Heads | 6.02 | 6.74 | 4.85 | 19.91 | 13.84 | -9.65 | 17.17 | 20.79 |
| Sandy Cove | 2.45 | 4.95 | 1.3 | 10.75 | 8.32 | 0.02 | 10.5 | 10.23 |
| Patricia Bay | 4.76 | 6.48 | 4.0 | 10.81 | 16.92 | 13.05 | 17.44 | 18.64 |
| Point Atkinson | 2.55 | 4.99 | 1.21 | 10.59 | 8.59 | 1.34 | 10.36 | 10.53 |
| Port Angeles | -1.45 | 0.25 | -3.25 | 1.11 | -14.39 | -20.83 | -9.83 | -10.1 |
| Port Townsend | -0.7 | 0.84 | -1.89 | 6.7 | -10.05 | -14.01 | -6.94 | -9.62 |
| Victoria Harbour | -0.72 | 1.93 | -2.52 | 3.23 | -17.95 | -37.56 | -13.71 | -13.05 |