Table 2. Harmonic constants at Syowa Station

Syowa Station (Nishi-no-ura)

Position: Lat. 69-00-28S, Lon. 39-34-13E

Epoch and Duration of Analysis:

Epoch: 2012/01/29

Central Date: 2012/07/31

Duration in Days: 369 days

Missing Hours: 175 hours

Mean Sea Level: 258.0 cm

Harmonic Constants:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | H (cm) | Κ (deg.) | G (deg.) |  | H (cm) | Κ (deg.) | G (deg.) |
| SA | 6.88 | 74.34 | 74.47 | M2 | 24.74 | 160.18 | 167.99 |
| SSA | 2.68 | 63.14 | 63.39 | MKS2 | 0.01 | 169.17 | 177.23 |
| MM | 5.80 | 188.70 | 190.33 | λ2 | 0.18 | 138.08 | 147.30 |
| MSF | 1.19 | 21.77 | 24.82 | L2 | 0.86 | 114.97 | 124.42 |
| MF | 3.73 | 178.85 | 182.14 | T2 | 1.30 | 163.21 | 173.94 |
| 2Q1 | 0.90 | 336.70 | 335.70 | S2 | 20.03 | 175.83 | 186.69 |
| σ1 | 1.12 | 335.71 | 334.92 | R2 | 0.06 | 257.37 | 268.35 |
| Q1 | 6.03 | 341.08 | 341.71 | K2 | 5.69 | 174.46 | 185.56 |
| ρ1 | 1.10 | 339.43 | 340.27 | MSN2 | 0.16 | 58.00 | 70.49 |
| O1 | 24.29 | 350.54 | 352.80 | KJ2 | 0.38 | 11.35 | 24.09 |
| MP1 | 0.12 | 33.08 | 35.58 | 2SM2 | 0.22 | 128.69 | 142.59 |
| M1 | 0.66 | 2.22 | 6.12 | MO3 | 0.10 | 161.46 | 171.53 |
| χ1 | 0.45 | 338.78 | 342.91 | M3 | 0.21 | 259.55 | 271.27 |
| π1 | 0.47 | 17.69 | 22.87 | SO3 | 0.02 | 276.84 | 289.95 |
| P1 | 7.38 | 354.78 | 360.09 | MK3 | 0.09 | 221.36 | 234.72 |
| S1 | 0.34 | 54.48 | 59.91 | SK3 | 0.43 | 352.41 | 368.83 |
| K1 | 22.20 | 356.96 | 362.52 | MN4 | 0.22 | 48.64 | 62.63 |
| ψ1 | 0.19 | 40.59 | 46.26 | M4 | 0.41 | 109.24 | 124.86 |
| φ1 | 0.39 | 344.38 | 350.18 | SN4 | 0.05 | 132.37 | 149.41 |
| θ1 | 0.19 | 16.65 | 23.62 | MS4 | 0.17 | 180.32 | 199.00 |
| J1 | 1.09 | 346.74 | 353.93 | MK4 | 0.05 | 199.66 | 218.58 |
| SO1 | 0.27 | 338.10 | 346.70 | S4 | 0.05 | 195.59 | 217.31 |
| OO1 | 0.31 | 332.98 | 341.82 | SK4 | 0.09 | 203.72 | 225.68 |
| OQ2 | 0.06 | 37.41 | 40.30 | 2MN6 | 0.06 | 54.55 | 76.35 |
| MNS2 | 0.03 | 5.38 | 8.51 | M6 | 0.12 | 89.89 | 113.32 |
| 2N2 | 0.51 | 137.21 | 141.76 | MSN6 | 0.08 | 152.27 | 177.12 |
| μ2 | 0.51 | 107.80 | 112.56 | 2MS6 | 0.32 | 186.41 | 212.89 |
| N2 | 4.54 | 154.99 | 161.16 | 2MK6 | 0.09 | 190.40 | 217.12 |
| ν2 | 0.80 | 162.09 | 168.48 | 2SM6 | 0.12 | 259.69 | 289.22 |
| OP2 | 0.05 | 62.80 | 70.37 | MSK6 | 0.07 | 276.96 | 306.74 |