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: 2011/01/28

Central Date: 2011/07/31

Duration in Days: 369 days

Missing Hour: 14 hours

Mean Sea Level: 251.5 cm

Harmonic Constants:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | H (cm) | Κ (deg.) | G (deg.) |  | H (cm) | Κ (deg.) | G (deg.) |
| SA | 2.06 | 28.75 | 28.87 | M2 | 24.77 | 160.67 | 168.48 |
| SSA | 3.17 | 163.53 | 163.77 | MKS2 | 0.11 | 265.94 | 273.99 |
| MM | 2.23 | 257.25 | 258.89 | λ2 | 0.28 | 145.61 | 154.83 |
| MSF | 0.43 | 247.09 | 250.14 | L2 | 1.24 | 123.52 | 132.96 |
| MF | 2.06 | 192.36 | 195.66 | T2 | 1.23 | 165.63 | 176.37 |
| 2Q1 | 1.02 | 327.02 | 326.01 | S2 | 20.02 | 176.10 | 186.96 |
| σ1 | 1.15 | 337.43 | 336.64 | R2 | 0.06 | 169.20 | 180.18 |
| Q1 | 5.91 | 339.23 | 339.85 | K2 | 5.63 | 174.93 | 186.04 |
| ρ1 | 1.05 | 335.14 | 335.99 | MSN2 | 0.11 | 89.08 | 101.57 |
| O1 | 24.27 | 350.24 | 352.50 | KJ2 | 0.35 | 28.83 | 41.57 |
| MP1 | 0.29 | 56.94 | 59.45 | 2SM2 | 0.24 | 119.65 | 133.55 |
| M1 | 0.97 | 359.05 | 362.96 | MO3 | 0.08 | 182.59 | 192.66 |
| χ1 | 0.40 | 1.47 | 5.61 | M3 | 0.20 | 261.79 | 273.50 |
| π1 | 0.33 | 2.45 | 7.63 | SO3 | 0.07 | 310.53 | 323.65 |
| P1 | 7.48 | 355.36 | 360.66 | MK3 | 0.07 | 242.36 | 255.73 |
| S1 | 0.43 | 73.68 | 79.11 | SK3 | 0.43 | 349.56 | 365.97 |
| K1 | 22.34 | 357.09 | 362.64 | MN4 | 0.23 | 43.54 | 57.53 |
| ψ1 | 0.30 | 51.72 | 57.40 | M4 | 0.40 | 105.03 | 120.65 |
| φ1 | 0.40 | 347.58 | 353.38 | SN4 | 0.04 | 130.51 | 147.55 |
| θ1 | 0.23 | 7.38 | 14.34 | MS4 | 0.15 | 165.66 | 184.33 |
| J1 | 0.97 | 352.98 | 360.17 | MK4 | 0.03 | 154.66 | 173.58 |
| SO1 | 0.38 | 345.94 | 354.54 | S4 | 0.04 | 204.09 | 225.81 |
| OO1 | 0.62 | 337.07 | 345.92 | SK4 | 0.10 | 225.67 | 247.64 |
| OQ2 | 0.07 | 168.02 | 170.90 | 2MN6 | 0.05 | 25.91 | 47.71 |
| MNS2 | 0.07 | 15.91 | 19.04 | M6 | 0.15 | 93.53 | 116.96 |
| 2N2 | 0.49 | 116.66 | 121.20 | MSN6 | 0.09 | 153.27 | 178.12 |
| μ2 | 0.53 | 106.32 | 111.08 | 2MS6 | 0.30 | 187.40 | 213.89 |
| N2 | 4.62 | 151.30 | 157.48 | 2MK6 | 0.09 | 186.19 | 212.92 |
| ν2 | 0.77 | 162.37 | 168.77 | 2SM6 | 0.12 | 258.73 | 288.27 |
| OP2 | 0.02 | 23.65 | 31.21 | MSK6 | 0.08 | 243.01 | 272.79 |