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: 2010/01/28

Central Date: 2010/07/31

Duration in Days: 369 days

Missing Hours: 964 hours

Mean Sea Level: 253.4 cm

Harmonic Constants:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | H (cm) | Κ (deg.) | G (deg.) |  | H (cm) | Κ (deg.) | G (deg.) |
| SA | 10.15 | 80.24 | 80.36 | M2 | 24.84 | 160.63 | 168.44 |
| SSA | 5.05 | 115.65 | 115.90 | MKS2 | 0.13 | 186.60 | 194.66 |
| MM | 1.12 | 278.03 | 279.66 | λ2 | 0.27 | 139.95 | 149.17 |
| MSF | 1.59 | 186.97 | 190.02 | L2 | 1.36 | 146.78 | 156.23 |
| MF | 3.43 | 212.13 | 215.43 | T2 | 1.25 | 160.64 | 171.38 |
| 2Q1 | 0.95 | 322.36 | 321.36 | S2 | 20.17 | 176.47 | 187.33 |
| σ1 | 0.98 | 329.89 | 329.10 | R2 | 0.05 | 258.56 | 269.55 |
| Q1 | 5.68 | 337.97 | 338.60 | K2 | 5.72 | 174.77 | 185.87 |
| ρ1 | 1.26 | 331.14 | 331.98 | MSN2 | 0.10 | 337.17 | 349.67 |
| O1 | 24.54 | 350.22 | 352.47 | KJ2 | 0.33 | 27.67 | 40.41 |
| MP1 | 0.21 | 92.99 | 95.50 | 2SM2 | 0.19 | 123.95 | 137.85 |
| M1 | 1.20 | 348.82 | 352.72 | MO3 | 0.10 | 189.16 | 199.23 |
| χ1 | 0.26 | 27.19 | 31.33 | M3 | 0.22 | 261.97 | 273.69 |
| π1 | 0.38 | 11.24 | 16.43 | SO3 | 0.02 | 330.52 | 343.63 |
| P1 | 7.14 | 354.38 | 359.69 | MK3 | 0.05 | 225.58 | 238.94 |
| S1 | 0.49 | 82.65 | 88.08 | SK3 | 0.45 | 343.52 | 359.93 |
| K1 | 22.30 | 357.24 | 362.80 | MN4 | 0.22 | 38.70 | 52.69 |
| ψ1 | 0.08 | 151.35 | 157.03 | M4 | 0.40 | 104.76 | 120.39 |
| φ1 | 0.36 | 346.84 | 352.64 | SN4 | 0.04 | 141.12 | 158.16 |
| θ1 | 0.14 | 339.99 | 346.96 | MS4 | 0.16 | 161.96 | 180.63 |
| J1 | 0.85 | 355.74 | 362.92 | MK4 | 0.06 | 181.44 | 200.36 |
| SO1 | 0.35 | 315.24 | 323.84 | S4 | 0.04 | 193.32 | 215.04 |
| OO1 | 0.52 | 336.28 | 345.13 | SK4 | 0.05 | 196.65 | 218.62 |
| OQ2 | 0.01 | 97.83 | 100.72 | 2MN6 | 0.05 | 33.60 | 55.41 |
| MNS2 | 0.05 | 3.26 | 6.39 | M6 | 0.16 | 93.51 | 116.95 |
| 2N2 | 0.41 | 110.66 | 115.21 | MSN6 | 0.07 | 123.48 | 148.33 |
| μ2 | 0.53 | 103.49 | 108.25 | 2MS6 | 0.31 | 187.24 | 213.73 |
| N2 | 4.41 | 148.13 | 154.31 | 2MK6 | 0.10 | 193.02 | 219.75 |
| ν2 | 0.78 | 164.17 | 170.57 | 2SM6 | 0.12 | 247.32 | 276.85 |
| OP2 | 0.05 | 301.22 | 308.78 | MSK6 | 0.09 | 240.90 | 270.68 |