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: 2009/01/28

Central Date: 2009/07/31

Duration in Days: 369 days

Missing Hours: 377 hours

Mean Sea Level: 253.4 cm

Harmonic Constants:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | H (cm) | Κ (deg.) | G (deg.) |  | H (cm) | Κ (deg.) | G (deg.) |
| SA | 4.00 | 42.85 | 42.97 | M2 | 25.02 | 160.37 | 168.18 |
| SSA | 3.04 | 2.87 | 3.12 | MKS2 | 0.14 | 230.46 | 238.52 |
| MM | 4.49 | 195.63 | 197.26 | λ2 | 0.32 | 131.73 | 140.96 |
| MSF | 0.31 | 328.62 | 331.67 | L2 | 1.33 | 153.88 | 163.32 |
| MF | 3.19 | 188.89 | 192.19 | T2 | 1.22 | 162.23 | 172.96 |
| 2Q1 | 0.81 | 313.31 | 312.30 | S2 | 20.36 | 176.25 | 187.11 |
| σ1 | 1.10 | 326.99 | 326.20 | R2 | 0.05 | 204.62 | 215.61 |
| Q1 | 5.56 | 340.71 | 341.33 | K2 | 5.80 | 174.47 | 185.58 |
| ρ1 | 1.19 | 344.18 | 345.03 | MSN2 | 0.12 | 350.43 | 362.92 |
| O1 | 24.74 | 349.60 | 351.86 | KJ2 | 0.27 | 11.39 | 24.12 |
| MP1 | 0.13 | 84.24 | 86.74 | 2SM2 | 0.24 | 109.11 | 123.02 |
| M1 | 1.46 | 329.46 | 333.37 | MO3 | 0.06 | 221.30 | 231.37 |
| χ1 | 0.30 | 314.57 | 318.71 | M3 | 0.23 | 266.72 | 278.44 |
| π1 | 0.35 | 12.07 | 17.26 | SO3 | 0.05 | 294.90 | 308.02 |
| P1 | 7.40 | 354.68 | 359.99 | MK3 | 0.00 | 63.79 | 77.15 |
| S1 | 0.39 | 58.51 | 63.94 | SK3 | 0.38 | 345.09 | 361.51 |
| K1 | 22.42 | 356.68 | 362.23 | MN4 | 0.20 | 44.07 | 58.06 |
| ψ1 | 0.09 | 118.59 | 124.26 | M4 | 0.40 | 104.59 | 120.21 |
| φ1 | 0.42 | 22.73 | 28.53 | SN4 | 0.03 | 99.35 | 116.39 |
| θ1 | 0.18 | 344.20 | 351.16 | MS4 | 0.16 | 171.15 | 189.82 |
| J1 | 0.72 | 352.56 | 359.75 | MK4 | 0.05 | 189.64 | 208.56 |
| SO1 | 0.15 | 336.77 | 345.37 | S4 | 0.05 | 200.93 | 222.65 |
| OO1 | 0.52 | 330.18 | 339.02 | SK4 | 0.06 | 209.13 | 231.09 |
| OQ2 | 0.03 | 21.71 | 24.60 | 2MN6 | 0.03 | 44.32 | 66.12 |
| MNS2 | 0.05 | 33.10 | 36.23 | M6 | 0.14 | 80.04 | 103.47 |
| 2N2 | 0.37 | 111.25 | 115.79 | MSN6 | 0.07 | 158.92 | 183.77 |
| μ2 | 0.60 | 101.28 | 106.05 | 2MS6 | 0.35 | 180.91 | 207.39 |
| N2 | 3.96 | 146.78 | 152.96 | 2MK6 | 0.10 | 197.67 | 224.40 |
| ν2 | 0.73 | 155.95 | 162.34 | 2SM6 | 0.12 | 253.63 | 283.16 |
| OP2 | 0.10 | 303.57 | 311.13 | MSK6 | 0.06 | 248.11 | 277.89 |