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: 2013/01/28

Central Date: 2013/07/31

Duration in Days: 369 days

Missing Hours: 0 hours

Mean Sea Level: 254.7 cm

Harmonic Constants:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | H (cm) | Κ (deg.) | G (deg.) |  | H (cm) | Κ (deg.) | G (deg.) |
| SA | 9.57 | 39.07 | 39.19 | M2 | 24.96 | 160.19 | 168.00 |
| SSA | 4.71 | 40.95 | 41.20 | MKS2 | 0.08 | 189.01 | 197.07 |
| MM | 2.07 | 177.09 | 178.72 | λ2 | 0.17 | 126.73 | 135.96 |
| MSF | 1.02 | 348.88 | 351.93 | L2 | 0.53 | 125.89 | 135.33 |
| MF | 2.31 | 140.29 | 143.58 | T2 | 1.37 | 163.73 | 174.46 |
| 2Q1 | 1.07 | 334.43 | 333.42 | S2 | 20.14 | 175.70 | 186.56 |
| σ1 | 0.99 | 340.86 | 340.07 | R2 | 0.15 | 208.15 | 219.13 |
| Q1 | 6.02 | 340.28 | 340.90 | K2 | 5.66 | 174.72 | 185.83 |
| ρ1 | 1.13 | 332.83 | 333.68 | MSN2 | 0.11 | 22.79 | 35.29 |
| O1 | 24.67 | 350.48 | 352.74 | KJ2 | 0.39 | 18.93 | 31.67 |
| MP1 | 0.18 | 18.27 | 20.78 | 2SM2 | 0.17 | 121.13 | 135.04 |
| M1 | 0.62 | 292.89 | 296.80 | MO3 | 0.08 | 119.73 | 129.80 |
| χ1 | 0.34 | 334.09 | 338.23 | M3 | 0.25 | 262.32 | 274.04 |
| π1 | 0.42 | 13.26 | 18.45 | SO3 | 0.04 | 291.98 | 305.10 |
| P1 | 7.47 | 356.32 | 361.63 | MK3 | 0.07 | 250.85 | 264.22 |
| S1 | 0.34 | 58.21 | 63.64 | SK3 | 0.46 | 346.02 | 362.43 |
| K1 | 22.26 | 357.26 | 362.81 | MN4 | 0.23 | 42.49 | 56.48 |
| ψ1 | 0.25 | 46.51 | 52.19 | M4 | 0.38 | 102.27 | 117.89 |
| φ1 | 0.34 | 335.56 | 341.35 | SN4 | 0.04 | 117.12 | 134.16 |
| θ1 | 0.15 | 347.60 | 354.57 | MS4 | 0.15 | 173.18 | 191.85 |
| J1 | 1.11 | 343.80 | 350.99 | MK4 | 0.08 | 185.52 | 204.44 |
| SO1 | 0.24 | 12.28 | 20.88 | S4 | 0.06 | 207.35 | 229.07 |
| OO1 | 0.45 | 337.74 | 346.58 | SK4 | 0.10 | 205.88 | 227.84 |
| OQ2 | 0.06 | 159.33 | 162.21 | 2MN6 | 0.06 | 50.22 | 72.03 |
| MNS2 | 0.05 | 24.95 | 28.08 | M6 | 0.11 | 98.33 | 121.76 |
| 2N2 | 0.39 | 152.80 | 157.35 | MSN6 | 0.09 | 141.26 | 166.11 |
| μ2 | 0.51 | 104.44 | 109.20 | 2MS6 | 0.31 | 188.42 | 214.91 |
| N2 | 4.55 | 157.52 | 163.70 | 2MK6 | 0.09 | 193.67 | 220.40 |
| ν2 | 0.79 | 161.28 | 167.68 | 2SM6 | 0.09 | 253.51 | 283.04 |
| OP2 | 0.11 | 278.05 | 285.62 | MSK6 | 0.07 | 244.22 | 274.00 |