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  |