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  |