

(136108) HAUMEA

| M d 2016 | Wsch. | Kulm. | Zach. | A | α | δ | V | ΔI |
|-------------|-------------------|--------------------|-------|-------------|-------------------|---------------------------|------|------------|
| | $\lambda=0^\circ$ | $\varphi=50^\circ$ | | | 0 ^h UT | | | |
| | h m | h m | h m | \pm° | h m | $^\circ \quad ' \quad ''$ | m | $^\circ$ |
| I 0 | 0 04 | 7 30 | 14 57 | 117 | 14 07.8 | 16 42 | 17.3 | -77 |
| 8 | 23 28 | 6 59 | 14 26 | 117 | 14 08.1 | 16 45 | 17.3 | -84 |
| 16 | 22 57 | 6 28 | 13 55 | 118 | 14 08.3 | 16 49 | 17.3 | -91 |
| 24 | 22 25 | 5 56 | 13 24 | 118 | 14 08.5 | 16 53 | 17.3 | -99 |
| II 1 | 21 53 | 5 25 | 12 53 | 118 | 14 08.5 | 16 57 | 17.3 | -106 |
| 9 | 21 21 | 4 54 | 12 22 | 118 | 14 08.5 | 17 02 | 17.3 | -113 |
| 17 | 20 49 | 4 22 | 11 51 | 118 | 14 08.4 | 17 07 | 17.3 | -120 |
| 25 | 20 17 | 3 50 | 11 20 | 118 | 14 08.2 | 17 12 | 17.3 | -126 |
| III 4 | 19 45 | 3 19 | 10 48 | 118 | 14 07.9 | 17 17 | 17.3 | -133 |
| 12 | 19 12 | 2 47 | 10 17 | 118 | 14 07.5 | 17 22 | 17.2 | -139 |
| 20 | 18 40 | 2 15 | 9 46 | 119 | 14 07.1 | 17 27 | 17.2 | -144 |
| 28 | 18 08 | 1 43 | 9 14 | 119 | 14 06.7 | 17 32 | 17.2 | -148 |
| IV 5 | 17 35 | 1 11 | 8 43 | 119 | 14 06.2 | 17 36 | 17.2 | -151 |
| 13 | 17 03 | 0 39 | 8 11 | 119 | 14 05.7 | 17 39 | 17.2 | -152 |
| 21 | 16 31 | 0 07 | 7 39 | 119 | 14 05.1 | 17 42 | 17.2 | 150 |
| 29 | 15 59 | 23 31 | 7 08 | 119 | 14 04.6 | 17 44 | 17.2 | 147 |
| V 7 | 15 27 | 22 59 | 6 36 | 119 | 14 04.1 | 17 46 | 17.2 | 143 |
| 15 | 14 55 | 22 27 | 6 04 | 119 | 14 03.5 | 17 47 | 17.2 | 138 |
| 23 | 14 23 | 21 55 | 5 32 | 119 | 14 03.1 | 17 47 | 17.3 | 132 |
| 31 | 13 51 | 21 23 | 5 00 | 119 | 14 02.6 | 17 47 | 17.3 | 126 |
| VI 8 | 13 19 | 20 52 | 4 28 | 119 | 14 02.2 | 17 45 | 17.3 | 120 |
| 16 | 12 47 | 20 20 | 3 56 | 119 | 14 01.9 | 17 43 | 17.3 | 113 |
| 24 | 12 16 | 19 48 | 3 24 | 119 | 14 01.6 | 17 41 | 17.3 | 106 |
| VII 2 | 11 45 | 19 16 | 2 52 | 119 | 14 01.5 | 17 37 | 17.3 | 100 |
| 10 | 11 13 | 18 45 | 2 20 | 119 | 14 01.3 | 17 34 | 17.3 | 93 |
| 18 | 10 42 | 18 13 | 1 48 | 119 | 14 01.3 | 17 29 | 17.3 | 86 |
| 26 | 10 11 | 17 42 | 1 16 | 119 | 14 01.4 | 17 24 | 17.3 | 80 |
| VIII 3 | 9 41 | 17 11 | 0 45 | 118 | 14 01.5 | 17 19 | 17.3 | 73 |
| 11 | 9 10 | 16 39 | 0 13 | 118 | 14 01.7 | 17 14 | 17.3 | 66 |
| 19 | 8 39 | 16 08 | 23 37 | 118 | 14 02.0 | 17 08 | 17.3 | 60 |
| 27 | 8 09 | 15 37 | 23 06 | 118 | 14 02.3 | 17 03 | 17.3 | 54 |
| IX 4 | 7 38 | 15 06 | 22 34 | 118 | 14 02.8 | 16 57 | 17.3 | 47 |
| 12 | 7 08 | 14 35 | 22 03 | 118 | 14 03.3 | 16 52 | 17.3 | 42 |
| 20 | 6 37 | 14 04 | 21 31 | 117 | 14 03.8 | 16 46 | 17.3 | 37 |
| 28 | 6 07 | 13 33 | 21 00 | 117 | 14 04.4 | 16 41 | 17.3 | 32 |
| X 6 | 5 37 | 13 03 | 20 29 | 117 | 14 05.0 | 16 37 | 17.3 | 29 |
| 14 | 5 06 | 12 32 | 19 57 | 117 | 14 05.7 | 16 32 | 17.3 | 28 |
| 22 | 4 36 | 12 01 | 19 26 | 117 | 14 06.4 | 16 29 | 17.3 | -28 |
| 30 | 4 05 | 11 30 | 18 55 | 117 | 14 07.0 | 16 26 | 17.3 | -30 |
| XI 7 | 3 35 | 10 59 | 18 24 | 117 | 14 07.7 | 16 23 | 17.3 | -34 |
| 15 | 3 04 | 10 29 | 17 53 | 117 | 14 08.4 | 16 21 | 17.3 | -39 |
| 23 | 2 33 | 9 58 | 17 22 | 117 | 14 09.0 | 16 20 | 17.3 | -45 |
| XII 1 | 2 02 | 9 27 | 16 51 | 117 | 14 09.6 | 16 20 | 17.3 | -51 |
| 9 | 1 32 | 8 56 | 16 21 | 117 | 14 10.2 | 16 20 | 17.3 | -58 |
| 17 | 1 00 | 8 25 | 15 50 | 117 | 14 10.7 | 16 21 | 17.3 | -65 |
| 25 | 0 29 | 7 54 | 15 19 | 117 | 14 11.1 | 16 23 | 17.3 | -72 |
| 2017 I 2 | 23 54 | 7 23 | 14 48 | 117 | 14 11.5 | 16 26 | 17.3 | -79 |