

PLUTON

| M d 2011 | Wsch. | Kulm. | Zach. | A | α | δ | D | V | ΔI |
|-------------|-------------------|--------------------|-------|-------------|-------------------|--------------|-----|------|------------|
| | $\lambda=0^\circ$ | $\varphi=50^\circ$ | | | 0 ^h UT | | | | |
| | h m | h m | h m | \pm° | h m | $^\circ$ ' " | " | m | $^\circ$ |
| I 0 | 7 15 | 11 43 | 16 10 | 61 | 18 21.7 | - 18 50 | 0.1 | 14.3 | -6 |
| 8 | 6 45 | 11 12 | 15 40 | 61 | 18 22.9 | - 18 50 | 0.1 | 14.3 | -13 |
| 16 | 6 15 | 10 42 | 15 09 | 61 | 18 24.1 | - 18 50 | 0.1 | 14.3 | -20 |
| 24 | 5 44 | 10 12 | 14 39 | 61 | 18 25.2 | - 18 49 | 0.1 | 14.3 | -28 |
| II 1 | 5 14 | 9 41 | 14 09 | 61 | 18 26.2 | - 18 49 | 0.1 | 14.3 | -36 |
| 9 | 4 43 | 9 11 | 13 38 | 61 | 18 27.2 | - 18 48 | 0.1 | 14.3 | -43 |
| 17 | 4 13 | 8 40 | 13 08 | 61 | 18 28.1 | - 18 48 | 0.1 | 14.3 | -51 |
| 25 | 3 42 | 8 10 | 12 37 | 61 | 18 28.9 | - 18 47 | 0.1 | 14.3 | -59 |
| III 5 | 3 11 | 7 39 | 12 07 | 61 | 18 29.6 | - 18 46 | 0.1 | 14.3 | -67 |
| 13 | 2 40 | 7 08 | 11 36 | 61 | 18 30.1 | - 18 46 | 0.1 | 14.3 | -75 |
| 21 | 2 09 | 6 37 | 11 05 | 61 | 18 30.5 | - 18 45 | 0.1 | 14.2 | -83 |
| 29 | 1 38 | 6 06 | 10 34 | 61 | 18 30.8 | - 18 44 | 0.1 | 14.2 | -91 |
| IV 6 | 1 06 | 5 34 | 10 02 | 61 | 18 30.9 | - 18 44 | 0.1 | 14.2 | -98 |
| 14 | 0 35 | 5 03 | 9 31 | 61 | 18 30.9 | - 18 44 | 0.1 | 14.2 | -106 |
| 22 | 0 03 | 4 31 | 8 59 | 61 | 18 30.8 | - 18 43 | 0.1 | 14.2 | -114 |
| 30 | 23 27 | 3 59 | 8 27 | 61 | 18 30.5 | - 18 43 | 0.1 | 14.2 | -122 |
| V 8 | 22 56 | 3 28 | 7 56 | 61 | 18 30.1 | - 18 44 | 0.1 | 14.2 | -130 |
| 16 | 22 24 | 2 56 | 7 24 | 61 | 18 29.5 | - 18 44 | 0.1 | 14.2 | -137 |
| 24 | 21 52 | 2 24 | 6 51 | 61 | 18 28.9 | - 18 44 | 0.1 | 14.2 | -145 |
| VI 1 | 21 20 | 1 51 | 6 19 | 61 | 18 28.2 | - 18 45 | 0.1 | 14.2 | -153 |
| 9 | 20 47 | 1 19 | 5 47 | 61 | 18 27.4 | - 18 46 | 0.1 | 14.2 | -161 |
| 17 | 20 15 | 0 47 | 5 15 | 61 | 18 26.6 | - 18 47 | 0.1 | 14.2 | -168 |
| 25 | 19 43 | 0 15 | 4 42 | 61 | 18 25.8 | - 18 48 | 0.1 | 14.2 | -175 |
| VII 3 | 19 11 | 23 38 | 4 10 | 61 | 18 24.9 | - 18 50 | 0.1 | 14.2 | 174 |
| 11 | 18 39 | 23 06 | 3 37 | 61 | 18 24.1 | - 18 51 | 0.1 | 14.2 | 167 |
| 19 | 18 07 | 22 34 | 3 05 | 61 | 18 23.3 | - 18 53 | 0.1 | 14.2 | 159 |
| 27 | 17 35 | 22 01 | 2 32 | 60 | 18 22.5 | - 18 55 | 0.1 | 14.2 | 152 |
| VIII 4 | 17 03 | 21 29 | 2 00 | 60 | 18 21.8 | - 18 56 | 0.1 | 14.2 | 144 |
| 12 | 16 31 | 20 57 | 1 28 | 60 | 18 21.2 | - 18 58 | 0.1 | 14.2 | 136 |
| 20 | 15 59 | 20 25 | 0 56 | 60 | 18 20.7 | - 19 00 | 0.1 | 14.2 | 128 |
| 28 | 15 27 | 19 54 | 0 24 | 60 | 18 20.3 | - 19 02 | 0.1 | 14.2 | 121 |
| IX 5 | 14 56 | 19 22 | 23 48 | 60 | 18 20.1 | - 19 04 | 0.1 | 14.2 | 113 |
| 13 | 14 24 | 18 50 | 23 16 | 60 | 18 19.9 | - 19 06 | 0.1 | 14.2 | 105 |
| 21 | 13 53 | 18 19 | 22 45 | 60 | 18 19.9 | - 19 08 | 0.1 | 14.2 | 97 |
| 29 | 13 22 | 17 48 | 22 13 | 60 | 18 20.1 | - 19 10 | 0.1 | 14.3 | 89 |
| X 7 | 12 51 | 17 16 | 21 42 | 60 | 18 20.4 | - 19 11 | 0.1 | 14.3 | 82 |
| 15 | 12 20 | 16 45 | 21 11 | 60 | 18 20.8 | - 19 13 | 0.1 | 14.3 | 74 |
| 23 | 11 49 | 16 15 | 20 40 | 60 | 18 21.4 | - 19 14 | 0.1 | 14.3 | 66 |
| 31 | 11 19 | 15 44 | 20 09 | 60 | 18 22.1 | - 19 16 | 0.1 | 14.3 | 58 |
| XI 8 | 10 48 | 15 13 | 19 38 | 60 | 18 22.9 | - 19 17 | 0.1 | 14.3 | 51 |
| 16 | 10 18 | 14 43 | 19 07 | 60 | 18 23.8 | - 19 18 | 0.1 | 14.3 | 43 |
| 24 | 9 47 | 14 12 | 18 37 | 60 | 18 24.8 | - 19 19 | 0.1 | 14.3 | 35 |
| XII 2 | 9 17 | 13 42 | 18 06 | 60 | 18 25.9 | - 19 19 | 0.1 | 14.3 | 27 |
| 10 | 8 47 | 13 11 | 17 36 | 60 | 18 27.0 | - 19 20 | 0.1 | 14.3 | 19 |
| 18 | 8 17 | 12 41 | 17 06 | 60 | 18 28.2 | - 19 20 | 0.1 | 14.3 | 12 |
| 26 | 7 46 | 12 11 | 16 35 | 60 | 18 29.4 | - 19 20 | 0.1 | 14.3 | 5 |
| 2012 I 3 | 7 16 | 11 41 | 16 05 | 60 | 18 30.6 | - 19 20 | 0.1 | 14.3 | 6 |