

Increments and Corrections

| m 0 | Sun Plan. | Aries | Moon | v and d corr | | | m 1 | Sun Plan. | Aries | Moon | v and d corr | | | m 2 | Sun Plan. | Aries | Moon | v and d corr | | |
|--------|--------------|--------|--------|--------------|------------|------------|--------|--------------|--------|--------|--------------|------------|------------|--------|--------------|--------|--------|--------------|------------|------------|
| 0 | 0°00.0 | 0°00.0 | 0°00.0 | 0.0 - 0.0 | 6.0 - 0.1 | 12.0 - 0.1 | 0 | 0°15.0 | 0°15.0 | 0°14.3 | 0.0 - 0.0 | 6.0 - 0.2 | 12.0 - 0.3 | 0 | 0°30.0 | 0°30.1 | 0°28.6 | 0.0 - 0.0 | 6.0 - 0.3 | 12.0 - 0.5 |
| 1 | 0°00.3 | 0°00.3 | 0°00.2 | 0.1 - 0.0 | 6.1 - 0.1 | 12.1 - 0.1 | 1 | 0°15.3 | 0°15.3 | 0°14.6 | 0.1 - 0.0 | 6.1 - 0.2 | 12.1 - 0.3 | 1 | 0°30.3 | 0°30.3 | 0°28.9 | 0.1 - 0.0 | 6.1 - 0.3 | 12.1 - 0.5 |
| 2 | 0°00.5 | 0°00.5 | 0°00.5 | 0.2 - 0.0 | 6.2 - 0.1 | 12.2 - 0.1 | 2 | 0°15.5 | 0°15.5 | 0°14.8 | 0.2 - 0.0 | 6.2 - 0.2 | 12.2 - 0.3 | 2 | 0°30.5 | 0°30.6 | 0°29.1 | 0.2 - 0.0 | 6.2 - 0.3 | 12.2 - 0.5 |
| 3 | 0°00.8 | 0°00.8 | 0°00.7 | 0.3 - 0.0 | 6.3 - 0.1 | 12.3 - 0.1 | 3 | 0°15.8 | 0°15.8 | 0°15.0 | 0.3 - 0.0 | 6.3 - 0.2 | 12.3 - 0.3 | 3 | 0°30.7 | 0°30.8 | 0°29.3 | 0.3 - 0.0 | 6.3 - 0.3 | 12.3 - 0.5 |
| 4 | 0°01.0 | 0°01.0 | 0°01.0 | 0.4 - 0.0 | 6.4 - 0.1 | 12.4 - 0.1 | 4 | 0°16.0 | 0°16.0 | 0°15.3 | 0.4 - 0.0 | 6.4 - 0.2 | 12.4 - 0.3 | 4 | 0°31.0 | 0°31.1 | 0°29.6 | 0.4 - 0.0 | 6.4 - 0.3 | 12.4 - 0.5 |
| 5 | 0°01.3 | 0°01.3 | 0°01.2 | 0.5 - 0.0 | 6.5 - 0.1 | 12.5 - 0.1 | 5 | 0°16.3 | 0°16.3 | 0°15.5 | 0.5 - 0.0 | 6.5 - 0.2 | 12.5 - 0.3 | 5 | 0°31.3 | 0°31.3 | 0°29.8 | 0.5 - 0.0 | 6.5 - 0.3 | 12.5 - 0.5 |
| 6 | 0°01.5 | 0°01.5 | 0°01.4 | 0.6 - 0.0 | 6.6 - 0.1 | 12.6 - 0.1 | 6 | 0°16.5 | 0°16.5 | 0°15.7 | 0.6 - 0.0 | 6.6 - 0.2 | 12.6 - 0.3 | 6 | 0°31.5 | 0°31.6 | 0°30.1 | 0.6 - 0.0 | 6.6 - 0.3 | 12.6 - 0.5 |
| 7 | 0°01.8 | 0°01.8 | 0°01.7 | 0.7 - 0.0 | 6.7 - 0.1 | 12.7 - 0.1 | 7 | 0°16.8 | 0°16.8 | 0°16.0 | 0.7 - 0.0 | 6.7 - 0.2 | 12.7 - 0.3 | 7 | 0°31.8 | 0°31.8 | 0°30.3 | 0.7 - 0.0 | 6.7 - 0.3 | 12.7 - 0.5 |
| 8 | 0°02.0 | 0°02.0 | 0°01.9 | 0.8 - 0.0 | 6.8 - 0.1 | 12.8 - 0.1 | 8 | 0°17.0 | 0°17.0 | 0°16.2 | 0.8 - 0.0 | 6.8 - 0.2 | 12.8 - 0.3 | 8 | 0°32.0 | 0°32.1 | 0°30.5 | 0.8 - 0.0 | 6.8 - 0.3 | 12.8 - 0.5 |
| 9 | 0°02.3 | 0°02.3 | 0°02.1 | 0.9 - 0.0 | 6.9 - 0.1 | 12.9 - 0.1 | 9 | 0°17.3 | 0°17.3 | 0°16.5 | 0.9 - 0.0 | 6.9 - 0.2 | 12.9 - 0.3 | 9 | 0°32.3 | 0°32.3 | 0°30.8 | 0.9 - 0.0 | 6.9 - 0.3 | 12.9 - 0.5 |
| 10 | 0°02.5 | 0°02.5 | 0°02.4 | 1.0 - 0.0 | 7.0 - 0.1 | 13.0 - 0.1 | 10 | 0°17.5 | 0°17.5 | 0°16.7 | 1.0 - 0.0 | 7.0 - 0.2 | 13.0 - 0.3 | 10 | 0°32.5 | 0°32.6 | 0°31.0 | 1.0 - 0.0 | 7.0 - 0.3 | 13.0 - 0.5 |
| 11 | 0°02.8 | 0°02.8 | 0°02.6 | 1.1 - 0.0 | 7.1 - 0.1 | 13.1 - 0.1 | 11 | 0°17.8 | 0°17.8 | 0°16.9 | 1.1 - 0.0 | 7.1 - 0.2 | 13.1 - 0.3 | 11 | 0°32.8 | 0°32.8 | 0°31.3 | 1.1 - 0.0 | 7.1 - 0.3 | 13.1 - 0.5 |
| 12 | 0°03.0 | 0°03.0 | 0°02.9 | 1.2 - 0.0 | 7.2 - 0.1 | 13.2 - 0.1 | 12 | 0°18.0 | 0°18.0 | 0°17.2 | 1.2 - 0.0 | 7.2 - 0.2 | 13.2 - 0.3 | 12 | 0°33.0 | 0°33.1 | 0°31.5 | 1.2 - 0.1 | 7.2 - 0.3 | 13.2 - 0.5 |
| 13 | 0°03.3 | 0°03.3 | 0°03.1 | 1.3 - 0.0 | 7.3 - 0.1 | 13.3 - 0.1 | 13 | 0°18.3 | 0°18.3 | 0°17.4 | 1.3 - 0.0 | 7.3 - 0.2 | 13.3 - 0.3 | 13 | 0°33.3 | 0°33.3 | 0°31.7 | 1.3 - 0.1 | 7.3 - 0.3 | 13.3 - 0.6 |
| 14 | 0°03.5 | 0°03.5 | 0°03.3 | 1.4 - 0.0 | 7.4 - 0.1 | 13.4 - 0.1 | 14 | 0°18.5 | 0°18.6 | 0°17.7 | 1.4 - 0.0 | 7.4 - 0.2 | 13.4 - 0.3 | 14 | 0°33.5 | 0°33.6 | 0°32.0 | 1.4 - 0.1 | 7.4 - 0.3 | 13.4 - 0.6 |
| 15 | 0°03.8 | 0°03.8 | 0°03.6 | 1.5 - 0.0 | 7.5 - 0.1 | 13.5 - 0.1 | 15 | 0°18.8 | 0°18.8 | 0°17.9 | 1.5 - 0.0 | 7.5 - 0.2 | 13.5 - 0.3 | 15 | 0°33.8 | 0°33.8 | 0°32.2 | 1.5 - 0.1 | 7.5 - 0.3 | 13.5 - 0.6 |
| 16 | 0°04.0 | 0°04.0 | 0°03.8 | 1.6 - 0.0 | 7.6 - 0.1 | 13.6 - 0.1 | 16 | 0°19.0 | 0°19.1 | 0°18.1 | 1.6 - 0.0 | 7.6 - 0.2 | 13.6 - 0.3 | 16 | 0°34.0 | 0°34.1 | 0°32.5 | 1.6 - 0.1 | 7.6 - 0.3 | 13.6 - 0.6 |
| 17 | 0°04.3 | 0°04.3 | 0°04.1 | 1.7 - 0.0 | 7.7 - 0.1 | 13.7 - 0.1 | 17 | 0°19.3 | 0°19.3 | 0°18.4 | 1.7 - 0.0 | 7.7 - 0.2 | 13.7 - 0.3 | 17 | 0°34.3 | 0°34.3 | 0°32.7 | 1.7 - 0.1 | 7.7 - 0.3 | 13.7 - 0.6 |
| 18 | 0°04.5 | 0°04.5 | 0°04.3 | 1.8 - 0.0 | 7.8 - 0.1 | 13.8 - 0.1 | 18 | 0°19.5 | 0°19.6 | 0°18.6 | 1.8 - 0.0 | 7.8 - 0.2 | 13.8 - 0.3 | 18 | 0°34.5 | 0°34.6 | 0°32.9 | 1.8 - 0.1 | 7.8 - 0.3 | 13.8 - 0.6 |
| 19 | 0°04.8 | 0°04.8 | 0°04.5 | 1.9 - 0.0 | 7.9 - 0.1 | 13.9 - 0.1 | 19 | 0°19.8 | 0°19.8 | 0°18.9 | 1.9 - 0.0 | 7.9 - 0.2 | 13.9 - 0.3 | 19 | 0°34.8 | 0°34.8 | 0°33.2 | 1.9 - 0.1 | 7.9 - 0.3 | 13.9 - 0.6 |
| 20 | 0°05.0 | 0°05.0 | 0°04.8 | 2.0 - 0.0 | 8.0 - 0.1 | 14.0 - 0.1 | 20 | 0°20.0 | 0°20.1 | 0°19.1 | 2.0 - 0.1 | 8.0 - 0.2 | 14.0 - 0.4 | 20 | 0°35.0 | 0°35.1 | 0°33.4 | 2.0 - 0.1 | 8.0 - 0.3 | 14.0 - 0.6 |
| 21 | 0°05.3 | 0°05.3 | 0°05.0 | 2.1 - 0.0 | 8.1 - 0.1 | 14.1 - 0.1 | 21 | 0°20.3 | 0°20.3 | 0°19.3 | 2.1 - 0.1 | 8.1 - 0.2 | 14.1 - 0.4 | 21 | 0°35.3 | 0°35.3 | 0°33.6 | 2.1 - 0.1 | 8.1 - 0.3 | 14.1 - 0.6 |
| 22 | 0°05.5 | 0°05.5 | 0°05.2 | 2.2 - 0.0 | 8.2 - 0.1 | 14.2 - 0.1 | 22 | 0°20.5 | 0°20.6 | 0°19.6 | 2.2 - 0.1 | 8.2 - 0.2 | 14.2 - 0.4 | 22 | 0°35.5 | 0°35.6 | 0°33.9 | 2.2 - 0.1 | 8.2 - 0.3 | 14.2 - 0.6 |
| 23 | 0°05.8 | 0°05.8 | 0°05.5 | 2.3 - 0.0 | 8.3 - 0.1 | 14.3 - 0.1 | 23 | 0°20.8 | 0°20.8 | 0°19.8 | 2.3 - 0.1 | 8.3 - 0.2 | 14.3 - 0.4 | 23 | 0°35.8 | 0°35.8 | 0°34.1 | 2.3 - 0.1 | 8.3 - 0.3 | 14.3 - 0.6 |
| 24 | 0°06.0 | 0°06.0 | 0°05.7 | 2.4 - 0.0 | 8.4 - 0.1 | 14.4 - 0.1 | 24 | 0°21.0 | 0°21.1 | 0°20.0 | 2.4 - 0.1 | 8.4 - 0.2 | 14.4 - 0.4 | 24 | 0°36.0 | 0°36.1 | 0°34.4 | 2.4 - 0.1 | 8.4 - 0.3 | 14.4 - 0.6 |
| 25 | 0°06.3 | 0°06.3 | 0°06.0 | 2.5 - 0.0 | 8.5 - 0.1 | 14.5 - 0.1 | 25 | 0°21.3 | 0°21.3 | 0°20.3 | 2.5 - 0.1 | 8.5 - 0.2 | 14.5 - 0.4 | 25 | 0°36.3 | 0°36.3 | 0°34.6 | 2.5 - 0.1 | 8.5 - 0.4 | 14.5 - 0.6 |
| 26 | 0°06.5 | 0°06.5 | 0°06.2 | 2.6 - 0.0 | 8.6 - 0.1 | 14.6 - 0.1 | 26 | 0°21.5 | 0°21.6 | 0°20.5 | 2.6 - 0.1 | 8.6 - 0.2 | 14.6 - 0.4 | 26 | 0°36.5 | 0°36.6 | 0°34.8 | 2.6 - 0.1 | 8.6 - 0.4 | 14.6 - 0.6 |
| 27 | 0°06.8 | 0°06.8 | 0°06.4 | 2.7 - 0.0 | 8.7 - 0.1 | 14.7 - 0.1 | 27 | 0°21.8 | 0°21.8 | 0°20.8 | 2.7 - 0.1 | 8.7 - 0.2 | 14.7 - 0.4 | 27 | 0°36.8 | 0°36.9 | 0°35.1 | 2.7 - 0.1 | 8.7 - 0.4 | 14.7 - 0.6 |
| 28 | 0°07.0 | 0°07.0 | 0°06.7 | 2.8 - 0.0 | 8.8 - 0.1 | 14.8 - 0.1 | 28 | 0°22.0 | 0°22.1 | 0°21.0 | 2.8 - 0.1 | 8.8 - 0.2 | 14.8 - 0.4 | 28 | 0°37.0 | 0°37.1 | 0°35.3 | 2.8 - 0.1 | 8.8 - 0.4 | 14.8 - 0.6 |
| 29 | 0°07.3 | 0°07.3 | 0°06.9 | 2.9 - 0.0 | 8.9 - 0.1 | 14.9 - 0.1 | 29 | 0°22.3 | 0°22.3 | 0°21.2 | 2.9 - 0.1 | 8.9 - 0.2 | 14.9 - 0.4 | 29 | 0°37.3 | 0°37.4 | 0°35.6 | 2.9 - 0.1 | 8.9 - 0.4 | 14.9 - 0.6 |
| 30 | 0°07.5 | 0°07.5 | 0°07.2 | 3.0 - 0.0 | 9.0 - 0.1 | 15.0 - 0.1 | 30 | 0°22.5 | 0°22.6 | 0°21.5 | 3.0 - 0.1 | 9.0 - 0.2 | 15.0 - 0.4 | 30 | 0°37.5 | 0°37.6 | 0°35.8 | 3.0 - 0.1 | 9.0 - 0.4 | 15.0 - 0.6 |
| 31 | 0°07.8 | 0°07.8 | 0°07.4 | 3.1 - 0.0 | 9.1 - 0.1 | 15.1 - 0.1 | 31 | 0°22.8 | 0°22.8 | 0°21.7 | 3.1 - 0.1 | 9.1 - 0.2 | 15.1 - 0.4 | 31 | 0°37.8 | 0°37.9 | 0°36.0 | 3.1 - 0.1 | 9.1 - 0.4 | 15.1 - 0.6 |
| 32 | 0°08.0 | 0°08.0 | 0°07.6 | 3.2 - 0.0 | 9.2 - 0.1 | 15.2 - 0.1 | 32 | 0°23.0 | 0°23.1 | 0°22.0 | 3.2 - 0.1 | 9.2 - 0.2 | 15.2 - 0.4 | 32 | 0°38.0 | 0°38.1 | 0°36.3 | 3.2 - 0.1 | 9.2 - 0.4 | 15.2 - 0.6 |
| 33 | 0°08.3 | 0°08.3 | 0°07.9 | 3.3 - 0.0 | 9.3 - 0.1 | 15.3 - 0.1 | 33 | 0°23.3 | 0°23.3 | 0°22.3 | 3.3 - 0.1 | 9.3 - 0.2 | 15.3 - 0.4 | 33 | 0°38.3 | 0°38.4 | 0°36.5 | 3.3 - 0.1 | 9.3 - 0.4 | 15.3 - 0.6 |
| 34 | 0°08.5 | 0°08.5 | 0°08.1 | 3.4 - 0.0 | 9.4 - 0.1 | 15.4 - 0.1 | 34 | 0°23.5 | 0°23.6 | 0°22.4 | 3.4 - 0.1 | 9.4 - 0.2 | 15.4 - 0.4 | 34 | 0°38.5 | 0°38.6 | 0°36.7 | 3.4 - 0.1 | 9.4 - 0.4 | 15.4 - 0.6 |
| 35 | 0°08.8 | 0°08.8 | 0°08.4 | 3.5 - 0.0 | 9.5 - 0.1 | 15.5 - 0.1 | 35 | 0°23.8 | 0°23.8 | 0°22.7 | 3.5 - 0.1 | 9.5 - 0.2 | 15.5 - 0.4 | 35 | 0°38.8 | 0°38.9 | 0°37.0 | 3.5 - 0.1 | 9.5 - 0.4 | 15.5 - 0.6 |
| 36 | 0°09.0 | 0°09.0 | 0°08.6 | 3.6 - 0.0 | 9.6 - 0.1 | 15.6 - 0.1 | 36 | 0°24.0 | 0°24.1 | 0°22.9 | 3.6 - 0.1 | 9.6 - 0.2 | 15.6 - 0.4 | 36 | 0°39.0 | 0°39.1 | 0°37.2 | 3.6 - 0.1 | 9.6 - 0.4 | 15.6 - 0.6 |
| 37 | 0°09.3 | 0°09.3 | 0°08.8 | 3.7 - 0.0 | 9.7 - 0.1 | 15.7 - 0.1 | 37 | 0°24.3 | 0°24.3 | 0°23.1 | 3.7 - 0.1 | 9.7 - 0.2 | 15.7 - 0.4 | 37 | 0°39.3 | 0°39.4 | 0°37.5 | 3.7 - 0.2 | 9.7 - 0.4 | 15.7 - 0.7 |
| 38 | 0°09.5 | 0°09.5 | 0°09.1 | 3.8 - 0.0 | 9.8 - 0.1 | 15.8 - 0.1 | 38 | 0°24.5 | 0°24.6 | 0°23.4 | 3.8 - 0.1 | 9.8 - 0.2 | 15.8 - 0.4 | 38 | 0°39.5 | 0°39.6 | 0°37.7 | 3.8 - 0.2 | 9.8 - 0.4 | 15.8 - 0.7 |
| 39 | 0°09.8 | 0°09.8 | 0°09.3 | 3.9 - 0.0 | 9.9 - 0.1 | 15.9 - 0.1 | 39 | 0°24.8 | 0°24.8 | 0°23.6 | 3.9 - 0.1 | 9.9 - 0.2 | 15.9 - 0.4 | 39 | 0°39.8 | 0°39.9 | 0°37.9 | 3.9 - 0.2 | 9.9 - 0.4 | 15.9 - 0.7 |
| 40 | 0°10.0 | 0°10.0 | 0°09.5 | 4.0 - 0.0 | 10.0 - 0.1 | 16.0 - 0.1 | 40 | 0°25.0 | 0°25.1 | 0°23.9 | 4.0 - 0.1 | 10.0 - 0.3 | 16.0 - 0.4 | 40 | 0°40.0 | 0°40.1 | 0°38.2 | 4.0 - 0.2 | 10.0 - 0.4 | 16.0 - 0.7 |
| 41 | 0°10.3 | 0°10.3 | 0°09.8 | 4.1 - 0.0 | 10.1 - 0.1 | 16.1 - 0.1 | 41 | 0°25.3 | 0°25.3 | 0°24.1 | 4.1 - 0.1 | 10.1 - 0.3 | 16.1 - 0.4 | 41 | 0°40.3 | 0°40.4 | 0°38.4 | 4.1 - 0.2 | 10.1 - 0.4 | 16.1 - 0.7 |
| 42 | 0°10.5 | 0°10.5 | 0°10.0 | 4.2 - 0.0 | 10.2 - 0.1 | 16.2 - 0.1 | 42 | 0°25.5 | 0°25.6 | 0°24.3 | 4.2 - 0.1 | 10.2 - 0.3 | 16.2 - 0.4 | 42 | 0°40.5 | 0°40.6 | 0°38.7 | 4.2 - 0.2 | 10.2 - 0.4 | 16.2 - 0.7 |
| 43 | 0°10.8 | 0°10.8 | 0°10.3 | 4.3 - 0.0 | 10.3 - 0.1 | 16.3 - 0.1 | 43 | 0°25.8 | 0°25.8 | | | | | | | | | | | |

Increments and Corrections

| m 3 | Sun Plan. | Aries | Moon | v and d corr | | | | m 4 | Sun Plan. | Aries | Moon | v and d corr | | | | m 5 | Sun Plan. | Aries | Moon | v and d corr | | | |
|--------|--------------|--------|--------|--------------|------------|------------|--|--------|--------------|--------|--------|--------------|------------|------------|--|--------|--------------|--------|--------|--------------|------------|------------|--|
| 0 | 0°45.0 | 0°45.1 | 0°43.0 | 0.0 - 0.0 | 6.0 - 0.3 | 12.0 - 0.7 | | 0 | 1°00.0 | 1°00.2 | 0°57.3 | 0.0 - 0.0 | 6.0 - 0.4 | 12.0 - 0.9 | | 0 | 1°15.0 | 1°15.2 | 1°11.6 | 0.0 - 0.0 | 6.0 - 0.5 | 12.0 - 1.1 | |
| 1 | 0°45.3 | 0°45.4 | 0°43.2 | 0.1 - 0.0 | 6.1 - 0.4 | 12.1 - 0.7 | | 1 | 1°00.2 | 1°00.4 | 0°57.5 | 0.1 - 0.0 | 6.1 - 0.5 | 12.1 - 0.9 | | 1 | 1°15.3 | 1°15.5 | 1°11.8 | 0.1 - 0.0 | 6.1 - 0.6 | 12.1 - 1.1 | |
| 2 | 0°45.5 | 0°45.6 | 0°43.4 | 0.2 - 0.0 | 6.2 - 0.4 | 12.2 - 0.7 | | 2 | 1°00.5 | 1°00.7 | 0°57.7 | 0.2 - 0.0 | 6.2 - 0.5 | 12.2 - 0.9 | | 2 | 1°15.5 | 1°15.7 | 1°12.1 | 0.2 - 0.0 | 6.2 - 0.6 | 12.2 - 1.1 | |
| 3 | 0°45.8 | 0°45.9 | 0°43.7 | 0.3 - 0.0 | 6.3 - 0.4 | 12.3 - 0.7 | | 3 | 1°00.7 | 1°00.9 | 0°58.0 | 0.3 - 0.0 | 6.3 - 0.5 | 12.3 - 0.9 | | 3 | 1°15.7 | 1°16.0 | 1°12.3 | 0.3 - 0.0 | 6.3 - 0.6 | 12.3 - 1.1 | |
| 4 | 0°46.0 | 0°46.1 | 0°43.9 | 0.4 - 0.0 | 6.4 - 0.4 | 12.4 - 0.7 | | 4 | 1°01.0 | 1°01.2 | 0°58.2 | 0.4 - 0.0 | 6.4 - 0.5 | 12.4 - 0.9 | | 4 | 1°16.0 | 1°16.2 | 1°12.5 | 0.4 - 0.0 | 6.4 - 0.6 | 12.4 - 1.1 | |
| 5 | 0°46.3 | 0°46.4 | 0°44.1 | 0.5 - 0.0 | 6.5 - 0.4 | 12.5 - 0.7 | | 5 | 1°01.2 | 1°01.4 | 0°58.5 | 0.5 - 0.0 | 6.5 - 0.5 | 12.5 - 0.9 | | 5 | 1°16.2 | 1°16.5 | 1°12.8 | 0.5 - 0.0 | 6.5 - 0.6 | 12.5 - 1.1 | |
| 6 | 0°46.5 | 0°46.6 | 0°44.4 | 0.6 - 0.0 | 6.6 - 0.4 | 12.6 - 0.7 | | 6 | 1°01.5 | 1°01.7 | 0°58.7 | 0.6 - 0.0 | 6.6 - 0.5 | 12.6 - 0.9 | | 6 | 1°16.5 | 1°16.7 | 1°13.0 | 0.6 - 0.1 | 6.6 - 0.6 | 12.6 - 1.2 | |
| 7 | 0°46.8 | 0°46.9 | 0°44.6 | 0.7 - 0.0 | 6.7 - 0.4 | 12.7 - 0.7 | | 7 | 1°01.7 | 1°01.9 | 0°58.9 | 0.7 - 0.1 | 6.7 - 0.5 | 12.7 - 1.0 | | 7 | 1°16.7 | 1°17.0 | 1°13.3 | 0.7 - 0.1 | 6.7 - 0.6 | 12.7 - 1.2 | |
| 8 | 0°47.0 | 0°47.1 | 0°44.9 | 0.8 - 0.0 | 6.8 - 0.4 | 12.8 - 0.7 | | 8 | 1°02.0 | 1°02.2 | 0°59.2 | 0.8 - 0.1 | 6.8 - 0.5 | 12.8 - 1.0 | | 8 | 1°17.0 | 1°17.2 | 1°13.5 | 0.8 - 0.1 | 6.8 - 0.6 | 12.8 - 1.2 | |
| 9 | 0°47.3 | 0°47.4 | 0°45.1 | 0.9 - 0.1 | 6.9 - 0.4 | 12.9 - 0.8 | | 9 | 1°02.3 | 1°02.4 | 0°59.4 | 0.9 - 0.1 | 6.9 - 0.5 | 12.9 - 1.0 | | 9 | 1°17.3 | 1°17.5 | 1°13.7 | 0.9 - 0.1 | 6.9 - 0.6 | 12.9 - 1.2 | |
| 10 | 0°47.5 | 0°47.6 | 0°45.3 | 1.0 - 0.1 | 7.0 - 0.4 | 13.0 - 0.8 | | 10 | 1°02.5 | 1°02.7 | 0°59.7 | 1.0 - 0.1 | 7.0 - 0.5 | 13.0 - 1.0 | | 10 | 1°17.5 | 1°17.7 | 1°14.0 | 1.0 - 0.1 | 7.0 - 0.6 | 13.0 - 1.2 | |
| 11 | 0°47.8 | 0°47.9 | 0°45.6 | 1.1 - 0.1 | 7.1 - 0.4 | 13.1 - 0.8 | | 11 | 1°02.8 | 1°02.9 | 0°59.9 | 1.1 - 0.1 | 7.1 - 0.5 | 13.1 - 1.0 | | 11 | 1°17.8 | 1°18.0 | 1°14.2 | 1.1 - 0.1 | 7.1 - 0.7 | 13.1 - 1.2 | |
| 12 | 0°48.0 | 0°48.1 | 0°45.8 | 1.2 - 0.1 | 7.2 - 0.4 | 13.2 - 0.8 | | 12 | 1°03.0 | 1°03.2 | 1°00.1 | 1.2 - 0.1 | 7.2 - 0.5 | 13.2 - 1.0 | | 12 | 1°18.0 | 1°18.2 | 1°14.4 | 1.2 - 0.1 | 7.2 - 0.7 | 13.2 - 1.2 | |
| 13 | 0°48.3 | 0°48.4 | 0°46.1 | 1.3 - 0.1 | 7.3 - 0.4 | 13.3 - 0.8 | | 13 | 1°03.3 | 1°03.4 | 1°00.4 | 1.3 - 0.1 | 7.3 - 0.5 | 13.3 - 1.0 | | 13 | 1°18.3 | 1°18.5 | 1°14.7 | 1.3 - 0.1 | 7.3 - 0.7 | 13.3 - 1.2 | |
| 14 | 0°48.5 | 0°48.6 | 0°46.3 | 1.4 - 0.1 | 7.4 - 0.4 | 13.4 - 0.8 | | 14 | 1°03.5 | 1°03.7 | 1°00.6 | 1.4 - 0.1 | 7.4 - 0.6 | 13.4 - 1.0 | | 14 | 1°18.5 | 1°18.7 | 1°14.9 | 1.4 - 0.1 | 7.4 - 0.7 | 13.4 - 1.2 | |
| 15 | 0°48.8 | 0°48.9 | 0°46.5 | 1.5 - 0.1 | 7.5 - 0.4 | 13.5 - 0.8 | | 15 | 1°03.8 | 1°03.9 | 1°00.8 | 1.5 - 0.1 | 7.5 - 0.6 | 13.5 - 1.0 | | 15 | 1°18.8 | 1°19.0 | 1°15.2 | 1.5 - 0.1 | 7.5 - 0.7 | 13.5 - 1.2 | |
| 16 | 0°49.0 | 0°49.1 | 0°46.8 | 1.6 - 0.1 | 7.6 - 0.4 | 13.6 - 0.8 | | 16 | 1°04.0 | 1°04.2 | 1°01.1 | 1.6 - 0.1 | 7.6 - 0.6 | 13.6 - 1.0 | | 16 | 1°19.0 | 1°19.2 | 1°15.4 | 1.6 - 0.1 | 7.6 - 0.7 | 13.6 - 1.2 | |
| 17 | 0°49.3 | 0°49.4 | 0°47.0 | 1.7 - 0.1 | 7.7 - 0.4 | 13.7 - 0.8 | | 17 | 1°04.2 | 1°04.4 | 1°01.3 | 1.7 - 0.1 | 7.7 - 0.6 | 13.7 - 1.0 | | 17 | 1°19.3 | 1°19.5 | 1°15.6 | 1.7 - 0.2 | 7.7 - 0.7 | 13.7 - 1.3 | |
| 18 | 0°49.5 | 0°49.6 | 0°47.2 | 1.8 - 0.1 | 7.8 - 0.5 | 13.8 - 0.8 | | 18 | 1°04.5 | 1°04.7 | 1°01.6 | 1.8 - 0.1 | 7.8 - 0.6 | 13.8 - 1.0 | | 18 | 1°19.5 | 1°19.7 | 1°15.9 | 1.8 - 0.2 | 7.8 - 0.7 | 13.8 - 1.3 | |
| 19 | 0°49.8 | 0°49.9 | 0°47.5 | 1.9 - 0.1 | 7.9 - 0.5 | 13.9 - 0.8 | | 19 | 1°04.7 | 1°04.9 | 1°01.8 | 1.9 - 0.1 | 7.9 - 0.6 | 13.9 - 1.0 | | 19 | 1°19.7 | 1°20.0 | 1°16.1 | 1.9 - 0.2 | 7.9 - 0.7 | 13.9 - 1.3 | |
| 20 | 0°50.0 | 0°50.1 | 0°47.7 | 2.0 - 0.1 | 8.0 - 0.5 | 14.0 - 0.8 | | 20 | 1°05.0 | 1°05.2 | 1°02.0 | 2.0 - 0.1 | 8.0 - 0.6 | 14.0 - 1.1 | | 20 | 1°20.0 | 1°20.2 | 1°16.4 | 2.0 - 0.2 | 8.0 - 0.7 | 14.0 - 1.3 | |
| 21 | 0°50.3 | 0°50.4 | 0°48.0 | 2.1 - 0.1 | 8.1 - 0.5 | 14.1 - 0.8 | | 21 | 1°05.2 | 1°05.4 | 1°02.3 | 2.1 - 0.2 | 8.1 - 0.6 | 14.1 - 1.1 | | 21 | 1°20.2 | 1°20.5 | 1°16.6 | 2.1 - 0.2 | 8.1 - 0.7 | 14.1 - 1.3 | |
| 22 | 0°50.5 | 0°50.6 | 0°48.2 | 2.2 - 0.1 | 8.2 - 0.5 | 14.2 - 0.8 | | 22 | 1°05.5 | 1°05.7 | 1°02.5 | 2.2 - 0.2 | 8.2 - 0.6 | 14.2 - 1.1 | | 22 | 1°20.5 | 1°20.7 | 1°16.8 | 2.2 - 0.2 | 8.2 - 0.8 | 14.2 - 1.3 | |
| 23 | 0°50.8 | 0°50.9 | 0°48.4 | 2.3 - 0.1 | 8.3 - 0.5 | 14.3 - 0.8 | | 23 | 1°05.8 | 1°05.9 | 1°02.8 | 2.3 - 0.2 | 8.3 - 0.6 | 14.3 - 1.1 | | 23 | 1°20.8 | 1°21.0 | 1°17.1 | 2.3 - 0.2 | 8.3 - 0.8 | 14.3 - 1.3 | |
| 24 | 0°51.0 | 0°51.1 | 0°48.7 | 2.4 - 0.1 | 8.4 - 0.5 | 14.4 - 0.8 | | 24 | 1°06.0 | 1°06.2 | 1°03.0 | 2.4 - 0.2 | 8.4 - 0.6 | 14.4 - 1.1 | | 24 | 1°21.0 | 1°21.2 | 1°17.3 | 2.4 - 0.2 | 8.4 - 0.8 | 14.4 - 1.3 | |
| 25 | 0°51.3 | 0°51.4 | 0°48.9 | 2.5 - 0.1 | 8.5 - 0.5 | 14.5 - 0.8 | | 25 | 1°06.3 | 1°06.4 | 1°03.2 | 2.5 - 0.2 | 8.5 - 0.6 | 14.5 - 1.1 | | 25 | 1°21.3 | 1°21.5 | 1°17.5 | 2.5 - 0.2 | 8.5 - 0.8 | 14.5 - 1.3 | |
| 26 | 0°51.5 | 0°51.6 | 0°49.2 | 2.6 - 0.2 | 8.6 - 0.5 | 14.6 - 0.9 | | 26 | 1°06.5 | 1°06.7 | 1°03.5 | 2.6 - 0.2 | 8.6 - 0.6 | 14.6 - 1.1 | | 26 | 1°21.5 | 1°21.7 | 1°17.8 | 2.6 - 0.2 | 8.6 - 0.8 | 14.6 - 1.3 | |
| 27 | 0°51.8 | 0°51.9 | 0°49.4 | 2.7 - 0.2 | 8.7 - 0.5 | 14.7 - 0.9 | | 27 | 1°06.8 | 1°06.9 | 1°03.7 | 2.7 - 0.2 | 8.7 - 0.7 | 14.7 - 1.1 | | 27 | 1°21.8 | 1°22.0 | 1°18.0 | 2.7 - 0.2 | 8.7 - 0.8 | 14.7 - 1.3 | |
| 28 | 0°52.0 | 0°52.1 | 0°49.6 | 2.8 - 0.2 | 8.8 - 0.5 | 14.8 - 0.9 | | 28 | 1°07.0 | 1°07.2 | 1°03.9 | 2.8 - 0.2 | 8.8 - 0.7 | 14.8 - 1.1 | | 28 | 1°22.0 | 1°22.2 | 1°18.3 | 2.8 - 0.3 | 8.8 - 0.8 | 14.8 - 1.4 | |
| 29 | 0°52.3 | 0°52.4 | 0°49.9 | 2.9 - 0.2 | 8.9 - 0.5 | 14.9 - 0.9 | | 29 | 1°07.3 | 1°07.4 | 1°04.2 | 2.9 - 0.2 | 8.9 - 0.7 | 14.9 - 1.1 | | 29 | 1°22.3 | 1°22.5 | 1°18.5 | 2.9 - 0.3 | 8.9 - 0.8 | 14.9 - 1.4 | |
| 30 | 0°52.5 | 0°52.6 | 0°50.1 | 3.0 - 0.2 | 9.0 - 0.5 | 15.0 - 0.9 | | 30 | 1°07.5 | 1°07.7 | 1°04.4 | 3.0 - 0.2 | 9.0 - 0.7 | 15.0 - 1.1 | | 30 | 1°22.5 | 1°22.7 | 1°18.7 | 3.0 - 0.3 | 9.0 - 0.8 | 15.0 - 1.4 | |
| 31 | 0°52.8 | 0°52.9 | 0°50.3 | 3.1 - 0.2 | 9.1 - 0.5 | 15.1 - 0.9 | | 31 | 1°07.7 | 1°07.9 | 1°04.7 | 3.1 - 0.2 | 9.1 - 0.7 | 15.1 - 1.1 | | 31 | 1°22.8 | 1°23.0 | 1°19.0 | 3.1 - 0.3 | 9.1 - 0.8 | 15.1 - 1.4 | |
| 32 | 0°53.0 | 0°53.1 | 0°50.6 | 3.2 - 0.2 | 9.2 - 0.5 | 15.2 - 0.9 | | 32 | 1°08.0 | 1°08.2 | 1°04.9 | 3.2 - 0.2 | 9.2 - 0.7 | 15.2 - 1.1 | | 32 | 1°23.0 | 1°23.2 | 1°19.2 | 3.2 - 0.3 | 9.2 - 0.8 | 15.2 - 1.4 | |
| 33 | 0°53.3 | 0°53.4 | 0°50.8 | 3.3 - 0.2 | 9.3 - 0.5 | 15.3 - 0.9 | | 33 | 1°08.2 | 1°08.4 | 1°05.1 | 3.3 - 0.2 | 9.3 - 0.7 | 15.3 - 1.1 | | 33 | 1°23.2 | 1°23.5 | 1°19.5 | 3.3 - 0.3 | 9.3 - 0.9 | 15.3 - 1.4 | |
| 34 | 0°53.5 | 0°53.6 | 0°51.1 | 3.4 - 0.2 | 9.4 - 0.5 | 15.4 - 0.9 | | 34 | 1°08.5 | 1°08.7 | 1°05.4 | 3.4 - 0.3 | 9.4 - 0.7 | 15.4 - 1.2 | | 34 | 1°23.5 | 1°23.7 | 1°19.7 | 3.4 - 0.3 | 9.4 - 0.9 | 15.4 - 1.4 | |
| 35 | 0°53.8 | 0°53.9 | 0°51.3 | 3.5 - 0.2 | 9.5 - 0.6 | 15.5 - 0.9 | | 35 | 1°08.7 | 1°08.9 | 1°05.6 | 3.5 - 0.3 | 9.5 - 0.7 | 15.5 - 1.2 | | 35 | 1°23.7 | 1°24.0 | 1°19.9 | 3.5 - 0.3 | 9.5 - 0.9 | 15.5 - 1.4 | |
| 36 | 0°54.0 | 0°54.1 | 0°51.5 | 3.6 - 0.2 | 9.6 - 0.6 | 15.6 - 0.9 | | 36 | 1°09.0 | 1°09.2 | 1°05.9 | 3.6 - 0.3 | 9.6 - 0.7 | 15.6 - 1.2 | | 36 | 1°24.0 | 1°24.2 | 1°20.2 | 3.6 - 0.3 | 9.6 - 0.9 | 15.6 - 1.4 | |
| 37 | 0°54.3 | 0°54.4 | 0°51.8 | 3.7 - 0.2 | 9.7 - 0.6 | 15.7 - 0.9 | | 37 | 1°09.3 | 1°09.4 | 1°06.1 | 3.7 - 0.3 | 9.7 - 0.7 | 15.7 - 1.2 | | 37 | 1°24.3 | 1°24.5 | 1°20.4 | 3.7 - 0.3 | 9.7 - 0.9 | 15.7 - 1.4 | |
| 38 | 0°54.5 | 0°54.6 | 0°52.0 | 3.8 - 0.2 | 9.8 - 0.6 | 15.8 - 0.9 | | 38 | 1°09.5 | 1°09.7 | 1°06.3 | 3.8 - 0.3 | 9.8 - 0.7 | 15.8 - 1.2 | | 38 | 1°24.5 | 1°24.7 | 1°20.7 | 3.8 - 0.3 | 9.8 - 0.9 | 15.8 - 1.4 | |
| 39 | 0°54.8 | 0°54.9 | 0°52.3 | 3.9 - 0.2 | 9.9 - 0.6 | 15.9 - 0.9 | | 39 | 1°09.8 | 1°09.9 | 1°06.6 | 3.9 - 0.3 | 9.9 - 0.7 | 15.9 - 1.2 | | 39 | 1°24.8 | 1°25.0 | 1°20.9 | 3.9 - 0.4 | 9.9 - 0.9 | 15.9 - 1.5 | |
| 40 | 0°55.0 | 0°55.2 | 0°52.5 | 4.0 - 0.2 | 10.0 - 0.6 | 16.0 - 0.9 | | 40 | 1°10.0 | 1°10.2 | 1°06.8 | 4.0 - 0.3 | 10.0 - 0.8 | 16.0 - 1.2 | | 40 | 1°25.0 | 1°25.2 | 1°21.1 | 4.0 - 0.4 | 10.0 - 0.9 | 16.0 - 1.5 | |
| 41 | 0°55.3 | 0°55.4 | 0°52.7 | 4.1 - 0.2 | 10.1 - 0.6 | 16.1 - 0.9 | | 41 | 1°10.3 | 1°10.4 | 1°07.0 | 4.1 - 0.3 | 10.1 - 0.8 | 16.1 - 1.2 | | 41 | 1°25.3 | 1°25.5 | 1°21.4 | 4.1 - 0.4 | 10.1 - 0.9 | 16.1 - 1.5 | |

Increments and Corrections

| m 6 | Sun Plan. | Aries | Moon | v and d corr | | | m 7 | Sun Plan. | Aries | Moon | v and d corr | | | m 8 | Sun Plan. | Aries | Moon | v and d corr | | |
|--------|--------------|--------|--------|--------------|------------|------------|--------|--------------|--------|--------|--------------|------------|------------|--------|--------------|--------|--------|--------------|------------|------------|
| 0 | 1°30.0 | 1°30.2 | 1°25.9 | 0.0 - 0.0 | 6.0 - 0.7 | 12.0 - 1.3 | 0 | 1°45.0 | 1°45.3 | 1°40.2 | 0.0 - 0.0 | 6.0 - 0.8 | 12.0 - 1.5 | 0 | 2°00.0 | 2°00.3 | 1°54.5 | 0.0 - 0.0 | 6.0 - 0.8 | 12.0 - 1.7 |
| 1 | 1°30.3 | 1°30.5 | 1°26.1 | 0.1 - 0.0 | 6.1 - 0.7 | 12.1 - 1.3 | 1 | 1°45.3 | 1°45.5 | 1°40.5 | 0.1 - 0.0 | 6.1 - 0.8 | 12.1 - 1.5 | 1 | 2°00.3 | 2°00.6 | 1°54.8 | 0.1 - 0.0 | 6.1 - 0.9 | 12.1 - 1.7 |
| 2 | 1°30.5 | 1°30.7 | 1°26.4 | 0.2 - 0.0 | 6.2 - 0.7 | 12.2 - 1.3 | 2 | 1°45.5 | 1°45.8 | 1°40.7 | 0.2 - 0.0 | 6.2 - 0.8 | 12.2 - 1.5 | 2 | 2°00.5 | 2°00.8 | 1°55.0 | 0.2 - 0.0 | 6.2 - 0.9 | 12.2 - 1.7 |
| 3 | 1°30.7 | 1°31.0 | 1°26.6 | 0.3 - 0.0 | 6.3 - 0.7 | 12.3 - 1.3 | 3 | 1°45.8 | 1°46.0 | 1°40.9 | 0.3 - 0.0 | 6.3 - 0.8 | 12.3 - 1.5 | 3 | 2°00.8 | 2°01.1 | 1°55.2 | 0.3 - 0.0 | 6.3 - 0.9 | 12.3 - 1.7 |
| 4 | 1°31.0 | 1°31.2 | 1°26.9 | 0.4 - 0.0 | 6.4 - 0.7 | 12.4 - 1.3 | 4 | 1°46.0 | 1°46.3 | 1°41.2 | 0.4 - 0.1 | 6.4 - 0.8 | 12.4 - 1.6 | 4 | 2°01.0 | 2°01.3 | 1°55.5 | 0.4 - 0.1 | 6.4 - 0.9 | 12.4 - 1.8 |
| 5 | 1°31.2 | 1°31.5 | 1°27.1 | 0.5 - 0.1 | 6.5 - 0.7 | 12.5 - 1.4 | 5 | 1°46.2 | 1°46.5 | 1°41.4 | 0.5 - 0.1 | 6.5 - 0.8 | 12.5 - 1.6 | 5 | 2°01.3 | 2°01.6 | 1°55.7 | 0.5 - 0.1 | 6.5 - 0.9 | 12.5 - 1.8 |
| 6 | 1°31.5 | 1°31.8 | 1°27.3 | 0.6 - 0.1 | 6.6 - 0.7 | 12.6 - 1.4 | 6 | 1°46.5 | 1°46.8 | 1°41.6 | 0.6 - 0.1 | 6.6 - 0.8 | 12.6 - 1.6 | 6 | 2°01.5 | 2°01.8 | 1°56.0 | 0.6 - 0.1 | 6.6 - 0.9 | 12.6 - 1.8 |
| 7 | 1°31.7 | 1°32.0 | 1°27.6 | 0.7 - 0.1 | 6.7 - 0.7 | 12.7 - 1.4 | 7 | 1°46.7 | 1°47.0 | 1°41.9 | 0.7 - 0.1 | 6.7 - 0.8 | 12.7 - 1.6 | 7 | 2°01.8 | 2°02.1 | 1°56.2 | 0.7 - 0.1 | 6.7 - 0.9 | 12.7 - 1.8 |
| 8 | 1°32.0 | 1°32.3 | 1°27.8 | 0.8 - 0.1 | 6.8 - 0.7 | 12.8 - 1.4 | 8 | 1°47.0 | 1°47.3 | 1°42.1 | 0.8 - 0.1 | 6.8 - 0.8 | 12.8 - 1.6 | 8 | 2°02.0 | 2°02.3 | 1°56.4 | 0.8 - 0.1 | 6.8 - 1.0 | 12.8 - 1.8 |
| 9 | 1°32.3 | 1°32.5 | 1°28.0 | 0.9 - 0.1 | 6.9 - 0.7 | 12.9 - 1.4 | 9 | 1°47.3 | 1°47.5 | 1°42.4 | 0.9 - 0.1 | 6.9 - 0.9 | 12.9 - 1.6 | 9 | 2°02.3 | 2°02.6 | 1°56.7 | 0.9 - 0.1 | 6.9 - 1.0 | 12.9 - 1.8 |
| 10 | 1°32.5 | 1°32.8 | 1°28.3 | 1.0 - 0.1 | 7.0 - 0.8 | 13.0 - 1.4 | 10 | 1°47.5 | 1°47.8 | 1°42.6 | 1.0 - 0.1 | 7.0 - 0.9 | 13.0 - 1.6 | 10 | 2°02.5 | 2°02.8 | 1°56.9 | 1.0 - 0.1 | 7.0 - 1.0 | 13.0 - 1.8 |
| 11 | 1°32.8 | 1°33.0 | 1°28.5 | 1.1 - 0.1 | 7.1 - 0.8 | 13.1 - 1.4 | 11 | 1°47.8 | 1°48.0 | 1°42.8 | 1.1 - 0.1 | 7.1 - 0.9 | 13.1 - 1.6 | 11 | 2°02.8 | 2°03.1 | 1°57.2 | 1.1 - 0.2 | 7.1 - 1.0 | 13.1 - 1.9 |
| 12 | 1°33.0 | 1°33.3 | 1°28.8 | 1.2 - 0.1 | 7.2 - 0.8 | 13.2 - 1.4 | 12 | 1°48.0 | 1°48.3 | 1°43.1 | 1.2 - 0.2 | 7.2 - 0.9 | 13.2 - 1.6 | 12 | 2°03.0 | 2°03.3 | 1°57.4 | 1.2 - 0.2 | 7.2 - 1.0 | 13.2 - 1.9 |
| 13 | 1°33.3 | 1°33.5 | 1°29.0 | 1.3 - 0.1 | 7.3 - 0.8 | 13.3 - 1.4 | 13 | 1°48.3 | 1°48.5 | 1°43.3 | 1.3 - 0.2 | 7.3 - 0.9 | 13.3 - 1.7 | 13 | 2°03.3 | 2°03.6 | 1°57.6 | 1.3 - 0.2 | 7.3 - 1.0 | 13.3 - 1.9 |
| 14 | 1°33.5 | 1°33.8 | 1°29.2 | 1.4 - 0.2 | 7.4 - 0.8 | 13.4 - 1.5 | 14 | 1°48.5 | 1°48.8 | 1°43.6 | 1.4 - 0.2 | 7.4 - 0.9 | 13.4 - 1.7 | 14 | 2°03.5 | 2°03.8 | 1°57.9 | 1.4 - 0.2 | 7.4 - 1.0 | 13.4 - 1.9 |
| 15 | 1°33.8 | 1°34.0 | 1°29.5 | 1.5 - 0.2 | 7.5 - 0.8 | 13.5 - 1.5 | 15 | 1°48.8 | 1°49.0 | 1°43.8 | 1.5 - 0.2 | 7.5 - 0.9 | 13.5 - 1.7 | 15 | 2°03.8 | 2°04.1 | 1°58.1 | 1.5 - 0.2 | 7.5 - 1.1 | 13.5 - 1.9 |
| 16 | 1°34.0 | 1°34.3 | 1°29.7 | 1.6 - 0.2 | 7.6 - 0.8 | 13.6 - 1.5 | 16 | 1°49.0 | 1°49.3 | 1°44.0 | 1.6 - 0.2 | 7.6 - 0.9 | 13.6 - 1.7 | 16 | 2°04.0 | 2°04.3 | 1°58.4 | 1.6 - 0.2 | 7.6 - 1.1 | 13.6 - 1.9 |
| 17 | 1°34.3 | 1°34.5 | 1°30.0 | 1.7 - 0.2 | 7.7 - 0.8 | 13.7 - 1.5 | 17 | 1°49.3 | 1°49.5 | 1°44.3 | 1.7 - 0.2 | 7.7 - 1.0 | 13.7 - 1.7 | 17 | 2°04.2 | 2°04.6 | 1°58.6 | 1.7 - 0.2 | 7.7 - 1.1 | 13.7 - 1.9 |
| 18 | 1°34.5 | 1°34.8 | 1°30.2 | 1.8 - 0.2 | 7.8 - 0.8 | 13.8 - 1.5 | 18 | 1°49.5 | 1°49.8 | 1°44.5 | 1.8 - 0.2 | 7.8 - 1.0 | 13.8 - 1.7 | 18 | 2°04.5 | 2°04.8 | 1°58.8 | 1.8 - 0.3 | 7.8 - 1.1 | 13.8 - 2.0 |
| 19 | 1°34.8 | 1°35.0 | 1°30.4 | 1.9 - 0.2 | 7.9 - 0.9 | 13.9 - 1.5 | 19 | 1°49.8 | 1°50.0 | 1°44.8 | 1.9 - 0.2 | 7.9 - 1.0 | 13.9 - 1.7 | 19 | 2°04.7 | 2°05.1 | 1°59.1 | 1.9 - 0.3 | 7.9 - 1.1 | 13.9 - 2.0 |
| 20 | 1°35.0 | 1°35.3 | 1°30.7 | 2.0 - 0.2 | 8.0 - 0.9 | 14.0 - 1.5 | 20 | 1°50.0 | 1°50.3 | 1°45.0 | 2.0 - 0.3 | 8.0 - 1.0 | 14.0 - 1.8 | 20 | 2°05.0 | 2°05.3 | 1°59.3 | 2.0 - 0.3 | 8.0 - 1.1 | 14.0 - 2.0 |
| 21 | 1°35.2 | 1°35.5 | 1°30.9 | 2.1 - 0.2 | 8.1 - 0.9 | 14.1 - 1.5 | 21 | 1°50.2 | 1°50.6 | 1°45.2 | 2.1 - 0.3 | 8.1 - 1.0 | 14.1 - 1.8 | 21 | 2°05.2 | 2°05.6 | 1°59.5 | 2.1 - 0.3 | 8.1 - 1.1 | 14.1 - 2.0 |
| 22 | 1°35.5 | 1°35.8 | 1°31.1 | 2.2 - 0.2 | 8.2 - 0.9 | 14.2 - 1.5 | 22 | 1°50.5 | 1°50.8 | 1°45.5 | 2.2 - 0.3 | 8.2 - 1.0 | 14.2 - 1.8 | 22 | 2°05.5 | 2°05.8 | 1°59.8 | 2.2 - 0.3 | 8.2 - 1.2 | 14.2 - 2.0 |
| 23 | 1°35.8 | 1°36.0 | 1°31.4 | 2.3 - 0.2 | 8.3 - 0.9 | 14.3 - 1.5 | 23 | 1°50.8 | 1°51.1 | 1°45.7 | 2.3 - 0.3 | 8.3 - 1.0 | 14.3 - 1.8 | 23 | 2°05.7 | 2°06.1 | 2°00.0 | 2.3 - 0.3 | 8.3 - 1.2 | 14.3 - 2.0 |
| 24 | 1°36.0 | 1°36.3 | 1°31.6 | 2.4 - 0.3 | 8.4 - 0.9 | 14.4 - 1.6 | 24 | 1°51.0 | 1°51.3 | 1°45.9 | 2.4 - 0.3 | 8.4 - 1.1 | 14.4 - 1.8 | 24 | 2°06.0 | 2°06.3 | 2°00.3 | 2.4 - 0.3 | 8.4 - 1.2 | 14.4 - 2.0 |
| 25 | 1°36.3 | 1°36.5 | 1°31.9 | 2.5 - 0.3 | 8.5 - 0.9 | 14.5 - 1.6 | 25 | 1°51.3 | 1°51.6 | 1°46.2 | 2.5 - 0.3 | 8.5 - 1.1 | 14.5 - 1.8 | 25 | 2°06.2 | 2°06.6 | 2°00.5 | 2.5 - 0.4 | 8.5 - 1.2 | 14.5 - 2.1 |
| 26 | 1°36.5 | 1°36.8 | 1°32.1 | 2.6 - 0.3 | 8.6 - 0.9 | 14.6 - 1.6 | 26 | 1°51.5 | 1°51.8 | 1°46.4 | 2.6 - 0.3 | 8.6 - 1.1 | 14.6 - 1.8 | 26 | 2°06.5 | 2°06.8 | 2°00.7 | 2.6 - 0.4 | 8.6 - 1.2 | 14.6 - 2.1 |
| 27 | 1°36.8 | 1°37.0 | 1°32.3 | 2.7 - 0.3 | 8.7 - 0.9 | 14.7 - 1.6 | 27 | 1°51.8 | 1°52.1 | 1°46.7 | 2.7 - 0.3 | 8.7 - 1.1 | 14.7 - 1.8 | 27 | 2°06.7 | 2°07.1 | 2°01.0 | 2.7 - 0.4 | 8.7 - 1.2 | 14.7 - 2.1 |
| 28 | 1°37.0 | 1°37.3 | 1°32.6 | 2.8 - 0.3 | 8.8 - 1.0 | 14.8 - 1.6 | 28 | 1°52.0 | 1°52.3 | 1°46.9 | 2.8 - 0.4 | 8.8 - 1.1 | 14.8 - 1.9 | 28 | 2°07.0 | 2°07.3 | 2°01.2 | 2.8 - 0.4 | 8.8 - 1.2 | 14.8 - 2.1 |
| 29 | 1°37.3 | 1°37.5 | 1°32.8 | 2.9 - 0.3 | 8.9 - 1.0 | 14.9 - 1.6 | 29 | 1°52.3 | 1°52.6 | 1°47.1 | 2.9 - 0.4 | 8.9 - 1.1 | 14.9 - 1.9 | 29 | 2°07.2 | 2°07.6 | 2°01.5 | 2.9 - 0.4 | 8.9 - 1.3 | 14.9 - 2.1 |
| 30 | 1°37.5 | 1°37.8 | 1°33.1 | 3.0 - 0.3 | 9.0 - 1.0 | 15.0 - 1.6 | 30 | 1°52.5 | 1°52.8 | 1°47.4 | 3.0 - 0.4 | 9.0 - 1.1 | 15.0 - 1.9 | 30 | 2°07.5 | 2°07.8 | 2°01.7 | 3.0 - 0.4 | 9.0 - 1.3 | 15.0 - 2.1 |
| 31 | 1°37.8 | 1°38.0 | 1°33.3 | 3.1 - 0.3 | 9.1 - 1.0 | 15.1 - 1.6 | 31 | 1°52.7 | 1°53.1 | 1°47.6 | 3.1 - 0.4 | 9.1 - 1.1 | 15.1 - 1.9 | 31 | 2°07.8 | 2°08.1 | 2°01.9 | 3.1 - 0.4 | 9.1 - 1.3 | 15.1 - 2.1 |
| 32 | 1°38.0 | 1°38.3 | 1°33.5 | 3.2 - 0.3 | 9.2 - 1.0 | 15.2 - 1.6 | 32 | 1°53.0 | 1°53.3 | 1°47.9 | 3.2 - 0.4 | 9.2 - 1.1 | 15.2 - 1.9 | 32 | 2°08.0 | 2°08.3 | 2°02.2 | 3.2 - 0.5 | 9.2 - 1.3 | 15.2 - 2.2 |
| 33 | 1°38.3 | 1°38.5 | 1°33.8 | 3.3 - 0.4 | 9.3 - 1.0 | 15.3 - 1.7 | 33 | 1°53.3 | 1°53.6 | 1°48.1 | 3.3 - 0.4 | 9.3 - 1.2 | 15.3 - 1.9 | 33 | 2°08.3 | 2°08.6 | 2°02.4 | 3.3 - 0.5 | 9.3 - 1.3 | 15.3 - 2.2 |
| 34 | 1°38.5 | 1°38.8 | 1°34.0 | 3.4 - 0.4 | 9.4 - 1.0 | 15.4 - 1.7 | 34 | 1°53.5 | 1°53.8 | 1°48.3 | 3.4 - 0.4 | 9.4 - 1.2 | 15.4 - 1.9 | 34 | 2°08.5 | 2°08.9 | 2°02.6 | 3.4 - 0.5 | 9.4 - 1.3 | 15.4 - 2.2 |
| 35 | 1°38.7 | 1°39.0 | 1°34.3 | 3.5 - 0.4 | 9.5 - 1.0 | 15.5 - 1.7 | 35 | 1°53.7 | 1°54.1 | 1°48.6 | 3.5 - 0.4 | 9.5 - 1.2 | 15.5 - 1.9 | 35 | 2°08.8 | 2°09.1 | 2°02.9 | 3.5 - 0.5 | 9.5 - 1.3 | 15.5 - 2.2 |
| 36 | 1°39.0 | 1°39.3 | 1°34.5 | 3.6 - 0.4 | 9.6 - 1.0 | 15.6 - 1.7 | 36 | 1°54.0 | 1°54.3 | 1°48.8 | 3.6 - 0.5 | 9.6 - 1.2 | 15.6 - 1.9 | 36 | 2°09.0 | 2°09.4 | 2°03.1 | 3.6 - 0.5 | 9.6 - 1.4 | 15.6 - 2.2 |
| 37 | 1°39.3 | 1°39.5 | 1°34.7 | 3.7 - 0.4 | 9.7 - 1.1 | 15.7 - 1.7 | 37 | 1°54.2 | 1°54.6 | 1°49.0 | 3.7 - 0.5 | 9.7 - 1.2 | 15.7 - 2.0 | 37 | 2°09.3 | 2°09.6 | 2°03.4 | 3.7 - 0.5 | 9.7 - 1.4 | 15.7 - 2.2 |
| 38 | 1°39.5 | 1°39.8 | 1°35.0 | 3.8 - 0.4 | 9.8 - 1.1 | 15.8 - 1.7 | 38 | 1°54.5 | 1°54.8 | 1°49.3 | 3.8 - 0.5 | 9.8 - 1.2 | 15.8 - 2.0 | 38 | 2°09.5 | 2°09.9 | 2°03.6 | 3.8 - 0.5 | 9.8 - 1.4 | 15.8 - 2.2 |
| 39 | 1°39.8 | 1°40.0 | 1°35.2 | 3.9 - 0.4 | 9.9 - 1.1 | 15.9 - 1.7 | 39 | 1°54.8 | 1°55.1 | 1°49.5 | 3.9 - 0.5 | 9.9 - 1.2 | 15.9 - 2.0 | 39 | 2°09.8 | 2°10.1 | 2°03.8 | 3.9 - 0.6 | 9.9 - 1.4 | 15.9 - 2.3 |
| 40 | 1°40.0 | 1°40.3 | 1°35.4 | 4.0 - 0.4 | 10.0 - 1.1 | 16.0 - 1.7 | 40 | 1°55.0 | 1°55.3 | 1°49.8 | 4.0 - 0.5 | 10.0 - 1.3 | 16.0 - 2.0 | 40 | 2°10.0 | 2°10.4 | 2°04.1 | 4.0 - 0.6 | 10.0 - 1.4 | 16.0 - 2.3 |
| 41 | 1°40.3 | 1°40.5 | 1°35.7 | 4.1 - 0.4 | 10.1 - 1.1 | 16.1 - 1.7 | 41 | 1°55.3 | 1°55.6 | 1°50.0 | 4.1 - 0.5 | 10.1 - 1.3 | 16.1 - 2.0 | 41 | 2°10.3 | 2°10.6 | 2°04.3 | 4.1 - 0.6 | 10.1 - 1.4 | 16.1 - 2.3 |
| 42 | 1°40.5 | 1°40.8 | 1°35.9 | 4.2 - 0.5 | 10.2 - 1.1 | 16.2 - 1.8 | 42 | 1°55.5 | 1°55.8 | 1°50.2 | 4.2 - 0.5 | 10.2 - 1.3 | 16.2 - 2.0 | 42 | 2°10.5 | 2°10.9 | 2°04.6 | 4.2 - 0.6 | 10.2 - 1.4 | 16.2 - 2.3 |
| 43 | 1°40.8 | 1°41.0 | 1°36.2 | 4.3 - 0.5 | 10.3 - 1.1 | 16.3 - 1.8 | 43 | 1°55.8 | 1°56.1 | | | | | | | | | | | |

Increments and Corrections

| m 9 | Sun Plan. | Aries | Moon | v and d corr | | | m 10 | Sun Plan. | Aries | Moon | v and d corr | | | m 11 | Sun Plan. | Aries | Moon | v and d corr | | |
|--------|--------------|--------|--------|--------------|------------|------------|---------|--------------|--------|--------|--------------|------------|------------|---------|--------------|--------|--------|--------------|------------|------------|
| 0 | 2°15.0 | 2°15.4 | 2°08.8 | 0.0 - 0.0 | 6.0 - 0.9 | 12.0 - 1.9 | 0 | 2°30.0 | 2°30.4 | 2°23.2 | 0.0 - 0.0 | 6.0 - 1.0 | 12.0 - 2.1 | 0 | 2°45.0 | 2°45.5 | 2°37.5 | 0.0 - 0.0 | 6.0 - 1.2 | 12.0 - 2.3 |
| 1 | 2°15.3 | 2°15.6 | 2°09.1 | 0.1 - 0.0 | 6.1 - 1.0 | 12.1 - 1.9 | 1 | 2°30.3 | 2°30.7 | 2°23.4 | 0.1 - 0.0 | 6.1 - 1.1 | 12.1 - 2.1 | 1 | 2°45.3 | 2°45.7 | 2°37.7 | 0.1 - 0.0 | 6.1 - 1.2 | 12.1 - 2.3 |
| 2 | 2°15.5 | 2°15.9 | 2°09.3 | 0.2 - 0.0 | 6.2 - 1.0 | 12.2 - 1.9 | 2 | 2°30.5 | 2°30.9 | 2°23.6 | 0.2 - 0.0 | 6.2 - 1.1 | 12.2 - 2.1 | 2 | 2°45.5 | 2°46.0 | 2°38.0 | 0.2 - 0.0 | 6.2 - 1.2 | 12.2 - 2.3 |
| 3 | 2°15.8 | 2°16.1 | 2°09.6 | 0.3 - 0.0 | 6.3 - 1.0 | 12.3 - 1.9 | 3 | 2°30.8 | 2°31.2 | 2°23.9 | 0.3 - 0.1 | 6.3 - 1.1 | 12.3 - 2.2 | 3 | 2°45.8 | 2°46.2 | 2°38.2 | 0.3 - 0.1 | 6.3 - 1.2 | 12.3 - 2.4 |
| 4 | 2°16.0 | 2°16.4 | 2°09.8 | 0.4 - 0.1 | 6.4 - 1.0 | 12.4 - 2.0 | 4 | 2°31.0 | 2°31.4 | 2°24.1 | 0.4 - 0.1 | 6.4 - 1.1 | 12.4 - 2.2 | 4 | 2°46.0 | 2°46.5 | 2°38.4 | 0.4 - 0.1 | 6.4 - 1.2 | 12.4 - 2.4 |
| 5 | 2°16.3 | 2°16.6 | 2°10.0 | 0.5 - 0.1 | 6.5 - 1.0 | 12.5 - 2.0 | 5 | 2°31.3 | 2°31.7 | 2°24.4 | 0.5 - 0.1 | 6.5 - 1.1 | 12.5 - 2.2 | 5 | 2°46.3 | 2°46.7 | 2°38.7 | 0.5 - 0.1 | 6.5 - 1.2 | 12.5 - 2.4 |
| 6 | 2°16.5 | 2°16.9 | 2°10.3 | 0.6 - 0.1 | 6.6 - 1.0 | 12.6 - 2.0 | 6 | 2°31.5 | 2°31.9 | 2°24.6 | 0.6 - 0.1 | 6.6 - 1.2 | 12.6 - 2.2 | 6 | 2°46.5 | 2°47.0 | 2°38.9 | 0.6 - 0.1 | 6.6 - 1.3 | 12.6 - 2.4 |
| 7 | 2°16.8 | 2°17.1 | 2°10.5 | 0.7 - 0.1 | 6.7 - 1.1 | 12.7 - 2.0 | 7 | 2°31.8 | 2°32.2 | 2°24.8 | 0.7 - 0.1 | 6.7 - 1.2 | 12.7 - 2.2 | 7 | 2°46.8 | 2°47.2 | 2°39.2 | 0.7 - 0.1 | 6.7 - 1.3 | 12.7 - 2.4 |
| 8 | 2°17.0 | 2°17.4 | 2°10.8 | 0.8 - 0.1 | 6.8 - 1.1 | 12.8 - 2.0 | 8 | 2°32.0 | 2°32.4 | 2°25.1 | 0.8 - 0.1 | 6.8 - 1.2 | 12.8 - 2.2 | 8 | 2°47.0 | 2°47.5 | 2°39.4 | 0.8 - 0.2 | 6.8 - 1.3 | 12.8 - 2.5 |
| 9 | 2°17.3 | 2°17.6 | 2°11.0 | 0.9 - 0.1 | 6.9 - 1.1 | 12.9 - 2.0 | 9 | 2°32.3 | 2°32.7 | 2°25.3 | 0.9 - 0.2 | 6.9 - 1.2 | 12.9 - 2.3 | 9 | 2°47.3 | 2°47.7 | 2°39.6 | 0.9 - 0.2 | 6.9 - 1.3 | 12.9 - 2.5 |
| 10 | 2°17.5 | 2°17.9 | 2°11.2 | 1.0 - 0.2 | 7.0 - 1.1 | 13.0 - 2.1 | 10 | 2°32.5 | 2°32.9 | 2°25.6 | 1.0 - 0.2 | 7.0 - 1.2 | 13.0 - 2.3 | 10 | 2°47.5 | 2°48.0 | 2°39.9 | 1.0 - 0.2 | 7.0 - 1.3 | 13.0 - 2.5 |
| 11 | 2°17.8 | 2°18.1 | 2°11.5 | 1.1 - 0.2 | 7.1 - 1.1 | 13.1 - 2.1 | 11 | 2°32.8 | 2°33.2 | 2°25.8 | 1.1 - 0.2 | 7.1 - 1.2 | 13.1 - 2.3 | 11 | 2°47.8 | 2°48.2 | 2°40.1 | 1.1 - 0.2 | 7.1 - 1.4 | 13.1 - 2.5 |
| 12 | 2°18.0 | 2°18.4 | 2°11.7 | 1.2 - 0.2 | 7.2 - 1.1 | 13.2 - 2.1 | 12 | 2°33.0 | 2°33.4 | 2°26.0 | 1.2 - 0.2 | 7.2 - 1.3 | 13.2 - 2.3 | 12 | 2°48.0 | 2°48.5 | 2°40.3 | 1.2 - 0.2 | 7.2 - 1.4 | 13.2 - 2.5 |
| 13 | 2°18.3 | 2°18.6 | 2°12.0 | 1.3 - 0.2 | 7.3 - 1.2 | 13.3 - 2.1 | 13 | 2°33.3 | 2°33.7 | 2°26.3 | 1.3 - 0.2 | 7.3 - 1.3 | 13.3 - 2.3 | 13 | 2°48.3 | 2°48.7 | 2°40.6 | 1.3 - 0.2 | 7.3 - 1.4 | 13.3 - 2.5 |
| 14 | 2°18.5 | 2°18.9 | 2°12.2 | 1.4 - 0.2 | 7.4 - 1.2 | 13.4 - 2.1 | 14 | 2°33.5 | 2°33.9 | 2°26.5 | 1.4 - 0.2 | 7.4 - 1.3 | 13.4 - 2.3 | 14 | 2°48.5 | 2°49.0 | 2°40.8 | 1.4 - 0.3 | 7.4 - 1.4 | 13.4 - 2.6 |
| 15 | 2°18.8 | 2°19.1 | 2°12.4 | 1.5 - 0.2 | 7.5 - 1.2 | 13.5 - 2.1 | 15 | 2°33.8 | 2°34.2 | 2°26.7 | 1.5 - 0.3 | 7.5 - 1.3 | 13.5 - 2.4 | 15 | 2°48.8 | 2°49.2 | 2°41.1 | 1.5 - 0.3 | 7.5 - 1.4 | 13.5 - 2.6 |
| 16 | 2°19.0 | 2°19.4 | 2°12.7 | 1.6 - 0.3 | 7.6 - 1.2 | 13.6 - 2.2 | 16 | 2°34.0 | 2°34.4 | 2°27.0 | 1.6 - 0.3 | 7.6 - 1.3 | 13.6 - 2.4 | 16 | 2°49.0 | 2°49.5 | 2°41.3 | 1.6 - 0.3 | 7.6 - 1.5 | 13.6 - 2.6 |
| 17 | 2°19.3 | 2°19.6 | 2°12.9 | 1.7 - 0.3 | 7.7 - 1.2 | 13.7 - 2.2 | 17 | 2°34.3 | 2°34.7 | 2°27.2 | 1.7 - 0.3 | 7.7 - 1.3 | 13.7 - 2.4 | 17 | 2°49.3 | 2°49.7 | 2°41.5 | 1.7 - 0.3 | 7.7 - 1.5 | 13.7 - 2.6 |
| 18 | 2°19.5 | 2°19.9 | 2°13.1 | 1.8 - 0.3 | 7.8 - 1.2 | 13.8 - 2.2 | 18 | 2°34.5 | 2°34.9 | 2°27.5 | 1.8 - 0.3 | 7.8 - 1.4 | 13.8 - 2.4 | 18 | 2°49.5 | 2°50.0 | 2°41.8 | 1.8 - 0.3 | 7.8 - 1.5 | 13.8 - 2.6 |
| 19 | 2°19.7 | 2°20.1 | 2°13.4 | 1.9 - 0.3 | 7.9 - 1.3 | 13.9 - 2.2 | 19 | 2°34.8 | 2°35.2 | 2°27.7 | 1.9 - 0.3 | 7.9 - 1.4 | 13.9 - 2.4 | 19 | 2°49.8 | 2°50.2 | 2°42.0 | 1.9 - 0.4 | 7.9 - 1.5 | 13.9 - 2.7 |
| 20 | 2°20.0 | 2°20.4 | 2°13.6 | 2.0 - 0.3 | 8.0 - 1.3 | 14.0 - 2.2 | 20 | 2°35.0 | 2°35.4 | 2°27.9 | 2.0 - 0.3 | 8.0 - 1.4 | 14.0 - 2.4 | 20 | 2°50.0 | 2°50.5 | 2°42.3 | 2.0 - 0.4 | 8.0 - 1.5 | 14.0 - 2.7 |
| 21 | 2°20.2 | 2°20.6 | 2°13.9 | 2.1 - 0.3 | 8.1 - 1.3 | 14.1 - 2.2 | 21 | 2°35.2 | 2°35.7 | 2°28.2 | 2.1 - 0.4 | 8.1 - 1.4 | 14.1 - 2.5 | 21 | 2°50.2 | 2°50.7 | 2°42.5 | 2.1 - 0.4 | 8.1 - 1.6 | 14.1 - 2.7 |
| 22 | 2°20.5 | 2°20.9 | 2°14.1 | 2.2 - 0.3 | 8.2 - 1.3 | 14.2 - 2.2 | 22 | 2°35.5 | 2°35.9 | 2°28.4 | 2.2 - 0.4 | 8.2 - 1.4 | 14.2 - 2.5 | 22 | 2°50.5 | 2°51.0 | 2°42.7 | 2.2 - 0.4 | 8.2 - 1.6 | 14.2 - 2.7 |
| 23 | 2°20.7 | 2°21.1 | 2°14.3 | 2.3 - 0.4 | 8.3 - 1.3 | 14.3 - 2.3 | 23 | 2°35.7 | 2°36.2 | 2°28.7 | 2.3 - 0.4 | 8.3 - 1.5 | 14.3 - 2.5 | 23 | 2°50.7 | 2°51.2 | 2°43.0 | 2.3 - 0.4 | 8.3 - 1.6 | 14.3 - 2.7 |
| 24 | 2°21.0 | 2°21.4 | 2°14.6 | 2.4 - 0.4 | 8.4 - 1.3 | 14.4 - 2.3 | 24 | 2°36.0 | 2°36.4 | 2°28.9 | 2.4 - 0.4 | 8.4 - 1.5 | 14.4 - 2.5 | 24 | 2°51.0 | 2°51.5 | 2°43.2 | 2.4 - 0.5 | 8.4 - 1.6 | 14.4 - 2.8 |
| 25 | 2°21.2 | 2°21.6 | 2°14.8 | 2.5 - 0.4 | 8.5 - 1.3 | 14.5 - 2.3 | 25 | 2°36.2 | 2°36.7 | 2°29.1 | 2.5 - 0.4 | 8.5 - 1.5 | 14.5 - 2.5 | 25 | 2°51.2 | 2°51.7 | 2°43.4 | 2.5 - 0.5 | 8.5 - 1.6 | 14.5 - 2.8 |
| 26 | 2°21.5 | 2°21.9 | 2°15.1 | 2.6 - 0.4 | 8.6 - 1.4 | 14.6 - 2.3 | 26 | 2°36.5 | 2°36.9 | 2°29.4 | 2.6 - 0.5 | 8.6 - 1.5 | 14.6 - 2.6 | 26 | 2°51.5 | 2°52.0 | 2°43.7 | 2.6 - 0.5 | 8.6 - 1.6 | 14.6 - 2.8 |
| 27 | 2°21.7 | 2°22.1 | 2°15.3 | 2.7 - 0.4 | 8.7 - 1.4 | 14.7 - 2.3 | 27 | 2°36.7 | 2°37.2 | 2°29.6 | 2.7 - 0.5 | 8.7 - 1.5 | 14.7 - 2.6 | 27 | 2°51.7 | 2°52.2 | 2°43.9 | 2.7 - 0.5 | 8.7 - 1.7 | 14.7 - 2.8 |
| 28 | 2°22.0 | 2°22.4 | 2°15.5 | 2.8 - 0.4 | 8.8 - 1.4 | 14.8 - 2.3 | 28 | 2°37.0 | 2°37.4 | 2°29.8 | 2.8 - 0.5 | 8.8 - 1.5 | 14.8 - 2.6 | 28 | 2°52.0 | 2°52.5 | 2°44.2 | 2.8 - 0.5 | 8.8 - 1.7 | 14.8 - 2.8 |
| 29 | 2°22.2 | 2°22.6 | 2°15.8 | 2.9 - 0.5 | 8.9 - 1.4 | 14.9 - 2.4 | 29 | 2°37.2 | 2°37.7 | 2°30.1 | 2.9 - 0.5 | 8.9 - 1.6 | 14.9 - 2.6 | 29 | 2°52.2 | 2°52.7 | 2°44.4 | 2.9 - 0.6 | 8.9 - 1.7 | 14.9 - 2.9 |
| 30 | 2°22.5 | 2°22.9 | 2°16.0 | 3.0 - 0.5 | 9.0 - 1.4 | 15.0 - 2.4 | 30 | 2°37.5 | 2°37.9 | 2°30.3 | 3.0 - 0.5 | 9.0 - 1.6 | 15.0 - 2.6 | 30 | 2°52.5 | 2°53.0 | 2°44.6 | 3.0 - 0.6 | 9.0 - 1.7 | 15.0 - 2.9 |
| 31 | 2°22.8 | 2°23.1 | 2°16.2 | 3.1 - 0.5 | 9.1 - 1.4 | 15.1 - 2.4 | 31 | 2°37.8 | 2°38.2 | 2°30.6 | 3.1 - 0.5 | 9.1 - 1.6 | 15.1 - 2.6 | 31 | 2°52.8 | 2°53.2 | 2°44.9 | 3.1 - 0.6 | 9.1 - 1.7 | 15.1 - 2.9 |
| 32 | 2°23.0 | 2°23.4 | 2°16.5 | 3.2 - 0.5 | 9.2 - 1.5 | 15.2 - 2.4 | 32 | 2°38.0 | 2°38.4 | 2°30.8 | 3.2 - 0.6 | 9.2 - 1.6 | 15.2 - 2.7 | 32 | 2°53.0 | 2°53.5 | 2°45.1 | 3.2 - 0.6 | 9.2 - 1.8 | 15.2 - 2.9 |
| 33 | 2°23.3 | 2°23.6 | 2°16.7 | 3.3 - 0.5 | 9.3 - 1.5 | 15.3 - 2.4 | 33 | 2°38.3 | 2°38.7 | 2°31.0 | 3.3 - 0.6 | 9.3 - 1.6 | 15.3 - 2.7 | 33 | 2°53.3 | 2°53.7 | 2°45.4 | 3.3 - 0.6 | 9.3 - 1.8 | 15.3 - 2.9 |
| 34 | 2°23.5 | 2°23.9 | 2°17.0 | 3.4 - 0.5 | 9.4 - 1.5 | 15.4 - 2.4 | 34 | 2°38.5 | 2°38.9 | 2°31.3 | 3.4 - 0.6 | 9.4 - 1.6 | 15.4 - 2.7 | 34 | 2°53.5 | 2°54.0 | 2°45.6 | 3.4 - 0.7 | 9.4 - 1.8 | 15.4 - 3.0 |
| 35 | 2°23.8 | 2°24.1 | 2°17.2 | 3.5 - 0.6 | 9.5 - 1.5 | 15.5 - 2.5 | 35 | 2°38.8 | 2°39.2 | 2°31.5 | 3.5 - 0.6 | 9.5 - 1.7 | 15.5 - 2.7 | 35 | 2°53.8 | 2°54.2 | 2°45.8 | 3.5 - 0.7 | 9.5 - 1.8 | 15.5 - 3.0 |
| 36 | 2°24.0 | 2°24.4 | 2°17.4 | 3.6 - 0.6 | 9.6 - 1.5 | 15.6 - 2.5 | 36 | 2°39.0 | 2°39.4 | 2°31.8 | 3.6 - 0.6 | 9.6 - 1.7 | 15.6 - 2.7 | 36 | 2°54.0 | 2°54.5 | 2°46.1 | 3.6 - 0.7 | 9.6 - 1.8 | 15.6 - 3.0 |
| 37 | 2°24.3 | 2°24.6 | 2°17.7 | 3.7 - 0.6 | 9.7 - 1.5 | 15.7 - 2.5 | 37 | 2°39.3 | 2°39.7 | 2°32.0 | 3.7 - 0.6 | 9.7 - 1.7 | 15.7 - 2.7 | 37 | 2°54.3 | 2°54.7 | 2°46.3 | 3.7 - 0.7 | 9.7 - 1.9 | 15.7 - 3.0 |
| 38 | 2°24.5 | 2°24.9 | 2°17.9 | 3.8 - 0.6 | 9.8 - 1.6 | 15.8 - 2.5 | 38 | 2°39.5 | 2°39.9 | 2°32.2 | 3.8 - 0.7 | 9.8 - 1.7 | 15.8 - 2.8 | 38 | 2°54.5 | 2°55.0 | 2°46.6 | 3.8 - 0.7 | 9.8 - 1.9 | 15.8 - 3.0 |
| 39 | 2°24.8 | 2°25.1 | 2°18.2 | 3.9 - 0.6 | 9.9 - 1.6 | 15.9 - 2.5 | 39 | 2°39.8 | 2°40.2 | 2°32.5 | 3.9 - 0.7 | 9.9 - 1.7 | 15.9 - 2.8 | 39 | 2°54.8 | 2°55.2 | 2°46.8 | 3.9 - 0.7 | 9.9 - 1.9 | 15.9 - 3.0 |
| 40 | 2°25.0 | 2°25.4 | 2°18.4 | 4.0 - 0.6 | 10.0 - 1.6 | 16.0 - 2.5 | 40 | 2°40.0 | 2°40.4 | 2°32.7 | 4.0 - 0.7 | 10.0 - 1.8 | 16.0 - 2.8 | 40 | 2°55.0 | 2°55.5 | 2°47.0 | 4.0 - 0.8 | 10.0 - 1.9 | 16.0 - 3.1 |
| 41 | 2°25.3 | 2°25.6 | 2°18.6 | 4.1 - 0.6 | 10.1 - 1.6 | 16.1 - 2.5 | 41 | 2°40.3 | 2°40.7 | 2°32.9 | 4.1 - 0.7 | 10.1 - 1.8 | 16.1 - 2.8 | 41 | 2°55.3 | 2°55.7 | 2°47.3 | 4.1 - 0.8 | 10.1 - 1.9 | 16.1 - 3.1 |
| 42 | 2°25.5 | 2°25.9 | 2°18.9 | 4.2 - 0.7 | 10.2 - 1.6 | 16.2 - 2.6 | 42 | 2°40.5 | 2°40.9 | 2°33.2 | 4.2 - 0.7 | 10.2 - 1.8 | 16.2 - 2.8 | 42 | 2°55.5 | 2°56.0 | 2°47.5 | 4.2 - 0.8 | 10.2 - 2.0 | 16.2 - 3.1 |
| 43 | 2°25.8 | 2°26.1 | 2°19.1 | 4.3 - 0.7 | 10.3 - 1.6 | 16.3 - 2.6 | 43 | 2°40.8 | 2°41.2 | | | | | | | | | | | |

Increments and Corrections

| m 12 | Sun Plan. | Aries | Moon | v and d corr | m 13 | Sun Plan. | Aries | Moon | v and d corr | m 14 | Sun Plan. | Aries | Moon | v and d corr |
|---------|--------------|--------|--------|---------------------------------------|---------|--------------|--------|--------|---------------------------------------|---------|--------------|--------|--------|---------------------------------------|
| 0 | 3°00.0 | 3°00.5 | 2°51.8 | 0.0 - 0.0 6.0 - 1.3 12.0 - 2.5 | 0 | 3°15.0 | 3°15.5 | 3°06.1 | 0.0 - 0.0 6.0 - 1.4 12.0 - 2.7 | 0 | 3°30.0 | 3°30.6 | 3°20.4 | 0.0 - 0.0 6.0 - 1.4 12.0 - 2.9 |
| 1 | 3°00.3 | 3°00.7 | 2°52.0 | 0.1 - 0.0 6.1 - 1.3 12.1 - 2.5 | 1 | 3°15.3 | 3°15.8 | 3°06.4 | 0.1 - 0.0 6.1 - 1.4 12.1 - 2.7 | 1 | 3°30.3 | 3°30.8 | 3°20.7 | 0.1 - 0.0 6.1 - 1.5 12.1 - 2.9 |
| 2 | 3°00.5 | 3°01.0 | 2°52.3 | 0.2 - 0.0 6.2 - 1.3 12.2 - 2.5 | 2 | 3°15.5 | 3°16.0 | 3°06.6 | 0.2 - 0.0 6.2 - 1.4 12.2 - 2.7 | 2 | 3°30.5 | 3°31.1 | 3°20.9 | 0.2 - 0.0 6.2 - 1.5 12.2 - 2.9 |
| 3 | 3°00.8 | 3°01.2 | 2°52.5 | 0.3 - 0.1 6.3 - 1.3 12.3 - 2.6 | 3 | 3°15.8 | 3°16.3 | 3°06.8 | 0.3 - 0.1 6.3 - 1.4 12.3 - 2.8 | 3 | 3°30.8 | 3°31.3 | 3°21.1 | 0.3 - 0.1 6.3 - 1.5 12.3 - 3.0 |
| 4 | 3°01.0 | 3°01.5 | 2°52.8 | 0.4 - 0.1 6.4 - 1.3 12.4 - 2.6 | 4 | 3°16.0 | 3°16.5 | 3°07.1 | 0.4 - 0.1 6.4 - 1.4 12.4 - 2.8 | 4 | 3°31.0 | 3°31.6 | 3°21.4 | 0.4 - 0.1 6.4 - 1.5 12.4 - 3.0 |
| 5 | 3°01.3 | 3°01.7 | 2°53.0 | 0.5 - 0.1 6.5 - 1.4 12.5 - 2.6 | 5 | 3°16.3 | 3°16.8 | 3°07.3 | 0.5 - 0.1 6.5 - 1.5 12.5 - 2.8 | 5 | 3°31.3 | 3°31.8 | 3°21.6 | 0.5 - 0.1 6.5 - 1.6 12.5 - 3.0 |
| 6 | 3°01.5 | 3°02.0 | 2°53.2 | 0.6 - 0.1 6.6 - 1.4 12.6 - 2.6 | 6 | 3°16.5 | 3°17.0 | 3°07.5 | 0.6 - 0.1 6.6 - 1.5 12.6 - 2.8 | 6 | 3°31.5 | 3°32.1 | 3°21.9 | 0.6 - 0.1 6.6 - 1.6 12.6 - 3.0 |
| 7 | 3°01.8 | 3°02.2 | 2°53.5 | 0.7 - 0.1 6.7 - 1.4 12.7 - 2.6 | 7 | 3°16.8 | 3°17.3 | 3°07.8 | 0.7 - 0.2 6.7 - 1.5 12.7 - 2.9 | 7 | 3°31.8 | 3°32.3 | 3°22.1 | 0.7 - 0.2 6.7 - 1.6 12.7 - 3.1 |
| 8 | 3°02.0 | 3°02.5 | 2°53.7 | 0.8 - 0.2 6.8 - 1.4 12.8 - 2.7 | 8 | 3°17.0 | 3°17.5 | 3°08.0 | 0.8 - 0.2 6.8 - 1.5 12.8 - 2.9 | 8 | 3°32.0 | 3°32.6 | 3°22.3 | 0.8 - 0.2 6.8 - 1.6 12.8 - 3.1 |
| 9 | 3°02.3 | 3°02.7 | 2°53.9 | 0.9 - 0.2 6.9 - 1.4 12.9 - 2.7 | 9 | 3°17.3 | 3°17.8 | 3°08.3 | 0.9 - 0.2 6.9 - 1.6 12.9 - 2.9 | 9 | 3°32.3 | 3°32.8 | 3°22.6 | 0.9 - 0.2 6.9 - 1.7 12.9 - 3.1 |
| 10 | 3°02.5 | 3°03.0 | 2°54.2 | 1.0 - 0.2 7.0 - 1.5 13.0 - 2.7 | 10 | 3°17.5 | 3°18.0 | 3°08.5 | 1.0 - 0.2 7.0 - 1.6 13.0 - 2.9 | 10 | 3°32.5 | 3°33.1 | 3°22.8 | 1.0 - 0.2 7.0 - 1.7 13.0 - 3.1 |
| 11 | 3°02.8 | 3°03.2 | 2°54.4 | 1.1 - 0.2 7.1 - 1.5 13.1 - 2.7 | 11 | 3°17.8 | 3°18.3 | 3°08.7 | 1.1 - 0.2 7.1 - 1.6 13.1 - 2.9 | 11 | 3°32.8 | 3°33.3 | 3°23.1 | 1.1 - 0.3 7.1 - 1.7 13.1 - 3.2 |
| 12 | 3°03.0 | 3°03.5 | 2°54.7 | 1.2 - 0.3 7.2 - 1.5 13.2 - 2.8 | 12 | 3°18.0 | 3°18.5 | 3°09.0 | 1.2 - 0.3 7.2 - 1.6 13.2 - 3.0 | 12 | 3°33.0 | 3°33.6 | 3°23.3 | 1.2 - 0.3 7.2 - 1.7 13.2 - 3.2 |
| 13 | 3°03.3 | 3°03.8 | 2°54.9 | 1.3 - 0.3 7.3 - 1.5 13.3 - 2.8 | 13 | 3°18.3 | 3°18.8 | 3°09.2 | 1.3 - 0.3 7.3 - 1.6 13.3 - 3.0 | 13 | 3°33.3 | 3°33.8 | 3°23.5 | 1.3 - 0.3 7.3 - 1.8 13.3 - 3.2 |
| 14 | 3°03.5 | 3°04.0 | 2°55.1 | 1.4 - 0.3 7.4 - 1.5 13.4 - 2.8 | 14 | 3°18.5 | 3°19.0 | 3°09.5 | 1.4 - 0.3 7.4 - 1.7 13.4 - 3.0 | 14 | 3°33.5 | 3°34.1 | 3°23.8 | 1.4 - 0.3 7.4 - 1.8 13.4 - 3.2 |
| 15 | 3°03.8 | 3°04.3 | 2°55.4 | 1.5 - 0.3 7.5 - 1.6 13.5 - 2.8 | 15 | 3°18.8 | 3°19.3 | 3°09.7 | 1.5 - 0.3 7.5 - 1.7 13.5 - 3.0 | 15 | 3°33.8 | 3°34.3 | 3°24.0 | 1.5 - 0.4 7.5 - 1.8 13.5 - 3.3 |
| 16 | 3°04.0 | 3°04.5 | 2°55.6 | 1.6 - 0.3 7.6 - 1.6 13.6 - 2.8 | 16 | 3°19.0 | 3°19.5 | 3°09.9 | 1.6 - 0.4 7.6 - 1.7 13.6 - 3.1 | 16 | 3°34.0 | 3°34.6 | 3°24.3 | 1.6 - 0.4 7.6 - 1.8 13.6 - 3.3 |
| 17 | 3°04.2 | 3°04.8 | 2°55.9 | 1.7 - 0.4 7.7 - 1.6 13.7 - 2.9 | 17 | 3°19.3 | 3°19.8 | 3°10.2 | 1.7 - 0.4 7.7 - 1.7 13.7 - 3.1 | 17 | 3°34.3 | 3°34.8 | 3°24.5 | 1.7 - 0.4 7.7 - 1.9 13.7 - 3.3 |
| 18 | 3°04.5 | 3°05.0 | 2°56.1 | 1.8 - 0.4 7.8 - 1.6 13.8 - 2.9 | 18 | 3°19.5 | 3°20.0 | 3°10.4 | 1.8 - 0.4 7.8 - 1.8 13.8 - 3.1 | 18 | 3°34.5 | 3°35.1 | 3°24.7 | 1.8 - 0.4 7.8 - 1.9 13.8 - 3.3 |
| 19 | 3°04.7 | 3°05.3 | 2°56.3 | 1.9 - 0.4 7.9 - 1.6 13.9 - 2.9 | 19 | 3°19.7 | 3°20.3 | 3°10.7 | 1.9 - 0.4 7.9 - 1.8 13.9 - 3.1 | 19 | 3°34.8 | 3°35.3 | 3°25.0 | 1.9 - 0.5 7.9 - 1.9 13.9 - 3.4 |
| 20 | 3°05.0 | 3°05.5 | 2°56.6 | 2.0 - 0.4 8.0 - 1.7 14.0 - 2.9 | 20 | 3°20.0 | 3°20.5 | 3°10.9 | 2.0 - 0.5 8.0 - 1.8 14.0 - 3.1 | 20 | 3°35.0 | 3°35.6 | 3°25.2 | 2.0 - 0.5 8.0 - 1.9 14.0 - 3.4 |
| 21 | 3°05.2 | 3°05.8 | 2°56.8 | 2.1 - 0.4 8.1 - 1.7 14.1 - 2.9 | 21 | 3°20.2 | 3°20.8 | 3°11.1 | 2.1 - 0.5 8.1 - 1.8 14.1 - 3.2 | 21 | 3°35.2 | 3°35.8 | 3°25.4 | 2.1 - 0.5 8.1 - 2.0 14.1 - 3.4 |
| 22 | 3°05.5 | 3°06.0 | 2°57.0 | 2.2 - 0.5 8.2 - 1.7 14.2 - 3.0 | 22 | 3°20.5 | 3°21.0 | 3°11.4 | 2.2 - 0.5 8.2 - 1.8 14.2 - 3.2 | 22 | 3°35.5 | 3°36.1 | 3°25.7 | 2.2 - 0.5 8.2 - 2.0 14.2 - 3.4 |
| 23 | 3°05.7 | 3°06.3 | 2°57.3 | 2.3 - 0.5 8.3 - 1.7 14.3 - 3.0 | 23 | 3°20.7 | 3°21.3 | 3°11.6 | 2.3 - 0.5 8.3 - 1.9 14.3 - 3.2 | 23 | 3°35.7 | 3°36.3 | 3°25.9 | 2.3 - 0.6 8.3 - 2.0 14.3 - 3.5 |
| 24 | 3°06.0 | 3°06.5 | 2°57.5 | 2.4 - 0.5 8.4 - 1.8 14.4 - 3.0 | 24 | 3°21.0 | 3°21.5 | 3°11.8 | 2.4 - 0.5 8.4 - 1.9 14.4 - 3.2 | 24 | 3°36.0 | 3°36.6 | 3°26.2 | 2.4 - 0.6 8.4 - 2.0 14.4 - 3.5 |
| 25 | 3°06.2 | 3°06.8 | 2°57.8 | 2.5 - 0.5 8.5 - 1.8 14.5 - 3.0 | 25 | 3°21.2 | 3°21.8 | 3°12.1 | 2.5 - 0.6 8.5 - 1.9 14.5 - 3.3 | 25 | 3°36.2 | 3°36.8 | 3°26.4 | 2.5 - 0.6 8.5 - 2.1 14.5 - 3.5 |
| 26 | 3°06.5 | 3°07.0 | 2°58.0 | 2.6 - 0.5 8.6 - 1.8 14.6 - 3.0 | 26 | 3°21.5 | 3°22.1 | 3°12.3 | 2.6 - 0.6 8.6 - 1.9 14.6 - 3.3 | 26 | 3°36.5 | 3°37.1 | 3°26.6 | 2.6 - 0.6 8.6 - 2.1 14.6 - 3.5 |
| 27 | 3°06.7 | 3°07.3 | 2°58.2 | 2.7 - 0.6 8.7 - 1.8 14.7 - 3.1 | 27 | 3°21.7 | 3°22.3 | 3°12.6 | 2.7 - 0.6 8.7 - 2.0 14.7 - 3.3 | 27 | 3°36.7 | 3°37.3 | 3°26.9 | 2.7 - 0.7 8.7 - 2.1 14.7 - 3.6 |
| 28 | 3°07.0 | 3°07.5 | 2°58.5 | 2.8 - 0.6 8.8 - 1.8 14.8 - 3.1 | 28 | 3°22.0 | 3°22.6 | 3°12.8 | 2.8 - 0.6 8.8 - 2.0 14.8 - 3.3 | 28 | 3°37.0 | 3°37.6 | 3°27.1 | 2.8 - 0.7 8.8 - 2.1 14.8 - 3.6 |
| 29 | 3°07.2 | 3°07.8 | 2°58.7 | 2.9 - 0.6 8.9 - 1.9 14.9 - 3.1 | 29 | 3°22.2 | 3°22.8 | 3°13.0 | 2.9 - 0.7 8.9 - 2.0 14.9 - 3.4 | 29 | 3°37.2 | 3°37.8 | 3°27.4 | 2.9 - 0.7 8.9 - 2.2 14.9 - 3.6 |
| 30 | 3°07.5 | 3°08.0 | 2°59.0 | 3.0 - 0.6 9.0 - 1.9 15.0 - 3.1 | 30 | 3°22.5 | 3°23.1 | 3°13.3 | 3.0 - 0.7 9.0 - 2.0 15.0 - 3.4 | 30 | 3°37.5 | 3°38.1 | 3°27.6 | 3.0 - 0.7 9.0 - 2.2 15.0 - 3.6 |
| 31 | 3°07.8 | 3°08.3 | 2°59.2 | 3.1 - 0.6 9.1 - 1.9 15.1 - 3.1 | 31 | 3°22.8 | 3°23.3 | 3°13.5 | 3.1 - 0.7 9.1 - 2.0 15.1 - 3.4 | 31 | 3°37.8 | 3°38.3 | 3°27.8 | 3.1 - 0.7 9.1 - 2.2 15.1 - 3.6 |
| 32 | 3°08.0 | 3°08.5 | 2°59.4 | 3.2 - 0.7 9.2 - 1.9 15.2 - 3.2 | 32 | 3°23.0 | 3°23.6 | 3°13.8 | 3.2 - 0.7 9.2 - 2.1 15.2 - 3.4 | 32 | 3°38.0 | 3°38.6 | 3°28.1 | 3.2 - 0.8 9.2 - 2.2 15.2 - 3.7 |
| 33 | 3°08.3 | 3°08.8 | 2°59.7 | 3.3 - 0.7 9.3 - 1.9 15.3 - 3.2 | 33 | 3°23.3 | 3°23.8 | 3°14.0 | 3.3 - 0.7 9.3 - 2.1 15.3 - 3.4 | 33 | 3°38.3 | 3°38.8 | 3°28.3 | 3.3 - 0.8 9.3 - 2.2 15.3 - 3.7 |
| 34 | 3°08.5 | 3°09.0 | 2°59.9 | 3.4 - 0.7 9.4 - 2.0 15.4 - 3.2 | 34 | 3°23.5 | 3°24.1 | 3°14.2 | 3.4 - 0.8 9.4 - 2.1 15.4 - 3.5 | 34 | 3°38.5 | 3°39.1 | 3°28.5 | 3.4 - 0.8 9.4 - 2.3 15.4 - 3.7 |
| 35 | 3°08.8 | 3°09.3 | 3°00.2 | 3.5 - 0.7 9.5 - 2.0 15.5 - 3.2 | 35 | 3°23.8 | 3°24.3 | 3°14.5 | 3.5 - 0.8 9.5 - 2.1 15.5 - 3.5 | 35 | 3°38.8 | 3°39.3 | 3°28.8 | 3.5 - 0.8 9.5 - 2.3 15.5 - 3.7 |
| 36 | 3°09.0 | 3°09.5 | 3°00.4 | 3.6 - 0.8 9.6 - 2.0 15.6 - 3.3 | 36 | 3°24.0 | 3°24.6 | 3°14.7 | 3.6 - 0.8 9.6 - 2.2 15.6 - 3.5 | 36 | 3°39.0 | 3°39.6 | 3°29.0 | 3.6 - 0.9 9.6 - 2.3 15.6 - 3.8 |
| 37 | 3°09.3 | 3°09.8 | 3°00.6 | 3.7 - 0.8 9.7 - 2.0 15.7 - 3.3 | 37 | 3°24.3 | 3°24.8 | 3°14.9 | 3.7 - 0.8 9.7 - 2.2 15.7 - 3.5 | 37 | 3°39.3 | 3°39.8 | 3°29.3 | 3.7 - 0.9 9.7 - 2.3 15.7 - 3.8 |
| 38 | 3°09.5 | 3°10.0 | 3°00.9 | 3.8 - 0.8 9.8 - 2.0 15.8 - 3.3 | 38 | 3°24.5 | 3°25.1 | 3°15.2 | 3.8 - 0.9 9.8 - 2.2 15.8 - 3.6 | 38 | 3°39.5 | 3°40.1 | 3°29.5 | 3.8 - 0.9 9.8 - 2.4 15.8 - 3.8 |
| 39 | 3°09.8 | 3°10.3 | 3°01.1 | 3.9 - 0.8 9.9 - 2.1 15.9 - 3.3 | 39 | 3°24.8 | 3°25.3 | 3°15.4 | 3.9 - 0.9 9.9 - 2.2 15.9 - 3.6 | 39 | 3°39.8 | 3°40.4 | 3°29.7 | 3.9 - 0.9 9.9 - 2.4 15.9 - 3.8 |
| 40 | 3°10.0 | 3°10.5 | 3°01.3 | 4.0 - 0.8 10.0 - 2.1 16.0 - 3.3 | 40 | 3°25.0 | 3°25.6 | 3°15.7 | 4.0 - 0.9 10.0 - 2.3 16.0 - 3.6 | 40 | 3°40.0 | 3°40.6 | 3°30.0 | 4.0 - 1.0 10.0 - 2.4 16.0 - 3.9 |
| 41 | 3°10.3 | 3°10.8 | 3°01.6 | 4.1 - 0.9 10.1 - 2.1 16.1 - 3.4 | 41 | 3°25.3 | 3°25.8 | 3°15.9 | 4.1 - 0.9 10.1 - 2.3 16.1 - 3.6 | 41 | 3°40.3 | 3°40.9 | 3°30.2 | 4.1 - 1.0 10.1 - 2.4 16.1 - 3.9 |
| 42 | 3°10.5 | 3°11.0 | 3°01.8 | 4.2 - 0.9 10.2 - 2.1 16.2 - 3.4 | 42 | 3°25.5 | 3°26.1 | 3°16.1 | 4.2 - 0.9 10.2 - 2.3 16.2 - 3.6 | 42 | 3°40.5 | 3°41.1 | 3°30.5 | 4.2 - 1.0 10.2 - 2.5 16.2 - 3.9 |
| 43 | 3°10.8 | 3°11.3 | 3°02.1 | 4.3 - 0.9 10.3 - 2.1 16.3 - 3.4 | 43 | 3°25.8 | 3°26.3 | 3°16.4 | 4.3 - 1.0 10.3 - 2.3 16.3 - 3.7 | 43 | 3°40.8 | 3°41.4 | 3°30.7 | 4.3 - 1.0 10.3 - 2.5 16.3 - 3.9 |
| 44 | 3°11.0 | 3°11.5 | 3°02.3 | 4.4 - 0.9 10.4 - 2.2 16.4 - 3.4 | 44 | 3°26.0 | 3°26.6 | 3°16.6 | 4.4 - 1.0 10.4 - 2.3 16.4 - 3.7 | 44 | 3°41.0 | 3°41.6 | 3°30.9 | 4.4 - 1.1 10.4 - 2.5 16.4 - 4.0 |
| 45 | 3°11.3 | 3°11.8 | 3°02.5 | 4.5 - 0.9 10.5 - 2.2 16.5 - 3.4 | 45 | 3°26.3 | 3°26.8 | 3°16.9 | 4.5 - 1.0 10.5 - 2.4 16.5 - 3.7 | 45 | 3°41.3 | 3°41.9 | 3°31.2 | 4.5 - 1.1 10.5 - 2.5 16.5 - 4.0 |
| 46 | | | | | | | | | | | | | | |

Increments and Corrections

| m 15 | Sun Plan. | Aries | Moon | v and d corr | | | m 16 | Sun Plan. | Aries | Moon | v and d corr | | | m 17 | Sun Plan. | Aries | Moon | v and d corr | | |
|---------|--------------|--------|--------|--------------|------------|------------|---------|--------------|--------|--------|--------------|------------|------------|---------|--------------|--------|--------|--------------|------------|------------|
| 0 | 3°45.0 | 3°45.6 | 3°34.8 | 0.0 - 0.0 | 6.0 - 1.6 | 12.0 - 3.1 | 0 | 4°00.0 | 4°00.7 | 3°49.1 | 0.0 - 0.0 | 6.0 - 1.7 | 12.0 - 3.3 | 0 | 4°15.0 | 4°15.7 | 4°03.4 | 0.0 - 0.0 | 6.0 - 1.8 | 12.0 - 3.5 |
| 1 | 3°45.2 | 3°45.9 | 3°35.0 | 0.1 - 0.0 | 6.1 - 1.6 | 12.1 - 3.1 | 1 | 4°00.2 | 4°00.9 | 3°49.3 | 0.1 - 0.0 | 6.1 - 1.7 | 12.1 - 3.3 | 1 | 4°15.2 | 4°15.9 | 4°03.6 | 0.1 - 0.0 | 6.1 - 1.8 | 12.1 - 3.5 |
| 2 | 3°45.5 | 3°46.1 | 3°35.2 | 0.2 - 0.1 | 6.2 - 1.6 | 12.2 - 3.2 | 2 | 4°00.5 | 4°01.2 | 3°49.5 | 0.2 - 0.1 | 6.2 - 1.7 | 12.2 - 3.4 | 2 | 4°15.5 | 4°16.2 | 4°03.9 | 0.2 - 0.1 | 6.2 - 1.8 | 12.2 - 3.6 |
| 3 | 3°45.8 | 3°46.4 | 3°35.5 | 0.3 - 0.1 | 6.3 - 1.6 | 12.3 - 3.2 | 3 | 4°00.8 | 4°01.4 | 3°49.8 | 0.3 - 0.1 | 6.3 - 1.7 | 12.3 - 3.4 | 3 | 4°15.8 | 4°16.4 | 4°04.1 | 0.3 - 0.1 | 6.3 - 1.8 | 12.3 - 3.6 |
| 4 | 3°46.0 | 3°46.6 | 3°35.7 | 0.4 - 0.1 | 6.4 - 1.7 | 12.4 - 3.2 | 4 | 4°01.0 | 4°01.7 | 3°50.0 | 0.4 - 0.1 | 6.4 - 1.8 | 12.4 - 3.4 | 4 | 4°16.0 | 4°16.7 | 4°04.3 | 0.4 - 0.1 | 6.4 - 1.9 | 12.4 - 3.6 |
| 5 | 3°46.2 | 3°46.9 | 3°35.9 | 0.5 - 0.1 | 6.5 - 1.7 | 12.5 - 3.2 | 5 | 4°01.2 | 4°01.9 | 3°50.3 | 0.5 - 0.1 | 6.5 - 1.8 | 12.5 - 3.4 | 5 | 4°16.2 | 4°17.0 | 4°04.6 | 0.5 - 0.1 | 6.5 - 1.9 | 12.5 - 3.6 |
| 6 | 3°46.5 | 3°47.1 | 3°36.2 | 0.6 - 0.2 | 6.6 - 1.7 | 12.6 - 3.3 | 6 | 4°01.5 | 4°02.2 | 3°50.5 | 0.6 - 0.2 | 6.6 - 1.8 | 12.6 - 3.5 | 6 | 4°16.5 | 4°17.2 | 4°04.8 | 0.6 - 0.2 | 6.6 - 1.9 | 12.6 - 3.7 |
| 7 | 3°46.8 | 3°47.4 | 3°36.4 | 0.7 - 0.2 | 6.7 - 1.7 | 12.7 - 3.3 | 7 | 4°01.8 | 4°02.4 | 3°50.7 | 0.7 - 0.2 | 6.7 - 1.8 | 12.7 - 3.5 | 7 | 4°16.8 | 4°17.5 | 4°05.1 | 0.7 - 0.2 | 6.7 - 2.0 | 12.7 - 3.7 |
| 8 | 3°47.0 | 3°47.6 | 3°36.7 | 0.8 - 0.2 | 6.8 - 1.8 | 12.8 - 3.3 | 8 | 4°02.0 | 4°02.7 | 3°51.0 | 0.8 - 0.2 | 6.8 - 1.9 | 12.8 - 3.5 | 8 | 4°17.0 | 4°17.7 | 4°05.3 | 0.8 - 0.2 | 6.8 - 2.0 | 12.8 - 3.7 |
| 9 | 3°47.3 | 3°47.9 | 3°36.9 | 0.9 - 0.2 | 6.9 - 1.8 | 12.9 - 3.3 | 9 | 4°02.2 | 4°02.9 | 3°51.2 | 0.9 - 0.2 | 6.9 - 1.9 | 12.9 - 3.5 | 9 | 4°17.2 | 4°18.0 | 4°05.5 | 0.9 - 0.3 | 6.9 - 2.0 | 12.9 - 3.8 |
| 10 | 3°47.5 | 3°48.1 | 3°37.1 | 1.0 - 0.3 | 7.0 - 1.8 | 13.0 - 3.4 | 10 | 4°02.5 | 4°03.2 | 3°51.5 | 1.0 - 0.3 | 7.0 - 1.9 | 13.0 - 3.6 | 10 | 4°17.5 | 4°18.2 | 4°05.8 | 1.0 - 0.3 | 7.0 - 2.0 | 13.0 - 3.8 |
| 11 | 3°47.7 | 3°48.4 | 3°37.4 | 1.1 - 0.3 | 7.1 - 1.8 | 13.1 - 3.4 | 11 | 4°02.8 | 4°03.4 | 3°51.7 | 1.1 - 0.3 | 7.1 - 2.0 | 13.1 - 3.6 | 11 | 4°17.8 | 4°18.5 | 4°06.0 | 1.1 - 0.3 | 7.1 - 2.1 | 13.1 - 3.8 |
| 12 | 3°48.0 | 3°48.6 | 3°37.6 | 1.2 - 0.3 | 7.2 - 1.9 | 13.2 - 3.4 | 12 | 4°03.0 | 4°03.7 | 3°51.9 | 1.2 - 0.3 | 7.2 - 2.0 | 13.2 - 3.6 | 12 | 4°18.0 | 4°18.7 | 4°06.2 | 1.2 - 0.4 | 7.2 - 2.1 | 13.2 - 3.9 |
| 13 | 3°48.3 | 3°48.9 | 3°37.9 | 1.3 - 0.3 | 7.3 - 1.9 | 13.3 - 3.4 | 13 | 4°03.2 | 4°03.9 | 3°52.2 | 1.3 - 0.4 | 7.3 - 2.0 | 13.3 - 3.7 | 13 | 4°18.2 | 4°19.0 | 4°06.5 | 1.3 - 0.4 | 7.3 - 2.1 | 13.3 - 3.9 |
| 14 | 3°48.5 | 3°49.1 | 3°38.1 | 1.4 - 0.4 | 7.4 - 1.9 | 13.4 - 3.5 | 14 | 4°03.5 | 4°04.2 | 3°52.4 | 1.4 - 0.4 | 7.4 - 2.0 | 13.4 - 3.7 | 14 | 4°18.5 | 4°19.2 | 4°06.7 | 1.4 - 0.4 | 7.4 - 2.2 | 13.4 - 3.9 |
| 15 | 3°48.8 | 3°49.4 | 3°38.3 | 1.5 - 0.4 | 7.5 - 1.9 | 13.5 - 3.5 | 15 | 4°03.8 | 4°04.4 | 3°52.6 | 1.5 - 0.4 | 7.5 - 2.1 | 13.5 - 3.7 | 15 | 4°18.8 | 4°19.5 | 4°07.0 | 1.5 - 0.4 | 7.5 - 2.2 | 13.5 - 3.9 |
| 16 | 3°49.0 | 3°49.6 | 3°38.6 | 1.6 - 0.4 | 7.6 - 2.0 | 13.6 - 3.5 | 16 | 4°04.0 | 4°04.7 | 3°52.9 | 1.6 - 0.4 | 7.6 - 2.1 | 13.6 - 3.7 | 16 | 4°19.0 | 4°19.7 | 4°07.2 | 1.6 - 0.5 | 7.6 - 2.2 | 13.6 - 4.0 |
| 17 | 3°49.3 | 3°49.9 | 3°38.8 | 1.7 - 0.4 | 7.7 - 2.0 | 13.7 - 3.5 | 17 | 4°04.3 | 4°04.9 | 3°53.1 | 1.7 - 0.5 | 7.7 - 2.1 | 13.7 - 3.8 | 17 | 4°19.3 | 4°20.0 | 4°07.4 | 1.7 - 0.5 | 7.7 - 2.2 | 13.7 - 4.0 |
| 18 | 3°49.5 | 3°50.1 | 3°39.0 | 1.8 - 0.5 | 7.8 - 2.0 | 13.8 - 3.6 | 18 | 4°04.5 | 4°05.2 | 3°53.4 | 1.8 - 0.5 | 7.8 - 2.1 | 13.8 - 3.8 | 18 | 4°19.5 | 4°20.2 | 4°07.7 | 1.8 - 0.5 | 7.8 - 2.3 | 13.8 - 4.0 |
| 19 | 3°49.8 | 3°50.4 | 3°39.3 | 1.9 - 0.5 | 7.9 - 2.0 | 13.9 - 3.6 | 19 | 4°04.7 | 4°05.4 | 3°53.6 | 1.9 - 0.5 | 7.9 - 2.2 | 13.9 - 3.8 | 19 | 4°19.7 | 4°20.5 | 4°07.9 | 1.9 - 0.6 | 7.9 - 2.3 | 13.9 - 4.1 |
| 20 | 3°50.0 | 3°50.6 | 3°39.5 | 2.0 - 0.5 | 8.0 - 2.1 | 14.0 - 3.6 | 20 | 4°05.0 | 4°05.7 | 3°53.8 | 2.0 - 0.6 | 8.0 - 2.2 | 14.0 - 3.9 | 20 | 4°20.0 | 4°20.7 | 4°08.2 | 2.0 - 0.6 | 8.0 - 2.3 | 14.0 - 4.1 |
| 21 | 3°50.2 | 3°50.9 | 3°39.8 | 2.1 - 0.5 | 8.1 - 2.1 | 14.1 - 3.6 | 21 | 4°05.3 | 4°05.9 | 3°54.1 | 2.1 - 0.6 | 8.1 - 2.2 | 14.1 - 3.9 | 21 | 4°20.3 | 4°21.0 | 4°08.4 | 2.1 - 0.6 | 8.1 - 2.4 | 14.1 - 4.1 |
| 22 | 3°50.5 | 3°51.1 | 3°40.0 | 2.2 - 0.6 | 8.2 - 2.1 | 14.2 - 3.7 | 22 | 4°05.5 | 4°06.2 | 3°54.3 | 2.2 - 0.6 | 8.2 - 2.3 | 14.2 - 3.9 | 22 | 4°20.5 | 4°21.2 | 4°08.6 | 2.2 - 0.6 | 8.2 - 2.4 | 14.2 - 4.1 |
| 23 | 3°50.7 | 3°51.4 | 3°40.2 | 2.3 - 0.6 | 8.3 - 2.1 | 14.3 - 3.7 | 23 | 4°05.7 | 4°06.4 | 3°54.6 | 2.3 - 0.6 | 8.3 - 2.3 | 14.3 - 3.9 | 23 | 4°20.7 | 4°21.5 | 4°08.9 | 2.3 - 0.7 | 8.3 - 2.4 | 14.3 - 4.2 |
| 24 | 3°51.0 | 3°51.6 | 3°40.5 | 2.4 - 0.6 | 8.4 - 2.2 | 14.4 - 3.7 | 24 | 4°06.0 | 4°06.7 | 3°54.8 | 2.4 - 0.7 | 8.4 - 2.3 | 14.4 - 4.0 | 24 | 4°21.0 | 4°21.7 | 4°09.1 | 2.4 - 0.7 | 8.4 - 2.5 | 14.4 - 4.2 |
| 25 | 3°51.2 | 3°51.9 | 3°40.7 | 2.5 - 0.6 | 8.5 - 2.2 | 14.5 - 3.7 | 25 | 4°06.3 | 4°06.9 | 3°55.0 | 2.5 - 0.7 | 8.5 - 2.3 | 14.5 - 4.0 | 25 | 4°21.3 | 4°22.0 | 4°09.3 | 2.5 - 0.7 | 8.5 - 2.5 | 14.5 - 4.2 |
| 26 | 3°51.5 | 3°52.1 | 3°41.0 | 2.6 - 0.7 | 8.6 - 2.2 | 14.6 - 3.8 | 26 | 4°06.5 | 4°07.2 | 3°55.3 | 2.6 - 0.7 | 8.6 - 2.4 | 14.6 - 4.0 | 26 | 4°21.5 | 4°22.2 | 4°09.6 | 2.6 - 0.8 | 8.6 - 2.5 | 14.6 - 4.3 |
| 27 | 3°51.8 | 3°52.4 | 3°41.2 | 2.7 - 0.7 | 8.7 - 2.2 | 14.7 - 3.8 | 27 | 4°06.7 | 4°07.4 | 3°55.5 | 2.7 - 0.7 | 8.7 - 2.4 | 14.7 - 4.0 | 27 | 4°21.7 | 4°22.5 | 4°09.8 | 2.7 - 0.8 | 8.7 - 2.5 | 14.7 - 4.3 |
| 28 | 3°52.0 | 3°52.6 | 3°41.4 | 2.8 - 0.7 | 8.8 - 2.3 | 14.8 - 3.8 | 28 | 4°07.0 | 4°07.7 | 3°55.7 | 2.8 - 0.8 | 8.8 - 2.4 | 14.8 - 4.1 | 28 | 4°22.0 | 4°22.7 | 4°10.1 | 2.8 - 0.8 | 8.8 - 2.6 | 14.8 - 4.3 |
| 29 | 3°52.2 | 3°52.9 | 3°41.7 | 2.9 - 0.7 | 8.9 - 2.3 | 14.9 - 3.8 | 29 | 4°07.3 | 4°07.9 | 3°56.0 | 2.9 - 0.8 | 8.9 - 2.4 | 14.9 - 4.1 | 29 | 4°22.3 | 4°23.0 | 4°10.3 | 2.9 - 0.8 | 8.9 - 2.6 | 14.9 - 4.3 |
| 30 | 3°52.5 | 3°53.1 | 3°41.9 | 3.0 - 0.8 | 9.0 - 2.3 | 15.0 - 3.9 | 30 | 4°07.5 | 4°08.2 | 3°56.2 | 3.0 - 0.8 | 9.0 - 2.5 | 15.0 - 4.1 | 30 | 4°22.5 | 4°23.2 | 4°10.5 | 3.0 - 0.9 | 9.0 - 2.6 | 15.0 - 4.4 |
| 31 | 3°52.8 | 3°53.4 | 3°42.1 | 3.1 - 0.8 | 9.1 - 2.4 | 15.1 - 3.9 | 31 | 4°07.7 | 4°08.4 | 3°56.5 | 3.1 - 0.9 | 9.1 - 2.5 | 15.1 - 4.2 | 31 | 4°22.7 | 4°23.5 | 4°10.8 | 3.1 - 0.9 | 9.1 - 2.7 | 15.1 - 4.4 |
| 32 | 3°53.0 | 3°53.6 | 3°42.4 | 3.2 - 0.8 | 9.2 - 2.4 | 15.2 - 3.9 | 32 | 4°08.0 | 4°08.7 | 3°56.7 | 3.2 - 0.9 | 9.2 - 2.5 | 15.2 - 4.2 | 32 | 4°23.0 | 4°23.7 | 4°11.0 | 3.2 - 0.9 | 9.2 - 2.7 | 15.2 - 4.4 |
| 33 | 3°53.2 | 3°53.9 | 3°42.6 | 3.3 - 0.9 | 9.3 - 2.4 | 15.3 - 4.0 | 33 | 4°08.3 | 4°08.9 | 3°56.9 | 3.3 - 0.9 | 9.3 - 2.6 | 15.3 - 4.2 | 33 | 4°23.3 | 4°24.0 | 4°11.3 | 3.3 - 1.0 | 9.3 - 2.7 | 15.3 - 4.5 |
| 34 | 3°53.5 | 3°54.1 | 3°42.9 | 3.4 - 0.9 | 9.4 - 2.4 | 15.4 - 4.0 | 34 | 4°08.5 | 4°09.2 | 3°57.2 | 3.4 - 0.9 | 9.4 - 2.6 | 15.4 - 4.2 | 34 | 4°23.5 | 4°24.2 | 4°11.5 | 3.4 - 1.0 | 9.4 - 2.7 | 15.4 - 4.5 |
| 35 | 3°53.8 | 3°54.4 | 3°43.1 | 3.5 - 0.9 | 9.5 - 2.5 | 15.5 - 4.0 | 35 | 4°08.7 | 4°09.4 | 3°57.4 | 3.5 - 1.0 | 9.5 - 2.6 | 15.5 - 4.3 | 35 | 4°23.7 | 4°24.5 | 4°11.7 | 3.5 - 1.0 | 9.5 - 2.8 | 15.5 - 4.5 |
| 36 | 3°54.0 | 3°54.6 | 3°43.3 | 3.6 - 0.9 | 9.6 - 2.5 | 15.6 - 4.0 | 36 | 4°09.0 | 4°09.7 | 3°57.7 | 3.6 - 1.0 | 9.6 - 2.6 | 15.6 - 4.3 | 36 | 4°24.0 | 4°24.7 | 4°12.0 | 3.6 - 1.1 | 9.6 - 2.8 | 15.6 - 4.5 |
| 37 | 3°54.3 | 3°54.9 | 3°43.6 | 3.7 - 1.0 | 9.7 - 2.5 | 15.7 - 4.1 | 37 | 4°09.3 | 4°09.9 | 3°57.9 | 3.7 - 1.0 | 9.7 - 2.7 | 15.7 - 4.3 | 37 | 4°24.3 | 4°25.0 | 4°12.2 | 3.7 - 1.1 | 9.7 - 2.8 | 15.7 - 4.6 |
| 38 | 3°54.5 | 3°55.1 | 3°43.8 | 3.8 - 1.0 | 9.8 - 2.5 | 15.8 - 4.1 | 38 | 4°09.5 | 4°10.2 | 3°58.1 | 3.8 - 1.0 | 9.8 - 2.7 | 15.8 - 4.3 | 38 | 4°24.5 | 4°25.2 | 4°12.5 | 3.8 - 1.1 | 9.8 - 2.9 | 15.8 - 4.6 |
| 39 | 3°54.8 | 3°55.4 | 3°44.1 | 3.9 - 1.0 | 9.9 - 2.6 | 15.9 - 4.1 | 39 | 4°09.7 | 4°10.4 | 3°58.4 | 3.9 - 1.1 | 9.9 - 2.7 | 15.9 - 4.4 | 39 | 4°24.7 | 4°25.5 | 4°12.7 | 3.9 - 1.1 | 9.9 - 2.9 | 15.9 - 4.6 |
| 40 | 3°55.0 | 3°55.6 | 3°44.3 | 4.0 - 1.0 | 10.0 - 2.6 | 16.0 - 4.1 | 40 | 4°10.0 | 4°10.7 | 3°58.6 | 4.0 - 1.1 | 10.0 - 2.8 | 16.0 - 4.4 | 40 | 4°25.0 | 4°25.7 | 4°12.9 | 4.0 - 1.2 | 10.0 - 2.9 | 16.0 - 4.7 |
| 41 | 3°55.3 | 3°55.9 | 3°44.5 | 4.1 - 1.1 | 10.1 - 2.6 | 16.1 - 4.2 | 41 | 4°10.3 | 4°10.9 | 3°58.8 | 4.1 - 1.1 | 10.1 - 2.8 | 16.1 - 4.4 | 41 | 4°25.3 | 4°26.0 | 4°13.2 | 4.1 - 1.2 | 10.1 - 2.9 | 16.1 - 4.7 |
| 42 | 3°55.5 | 3°56.1 | 3°44.8 | 4.2 - 1.1 | 10.2 - 2.6 | 16.2 - 4.2 | 42 | 4°10.5 | 4°11.2 | 3°59.1 | 4.2 - 1.2 | 10.2 - 2.8 | 16.2 - 4.5 | 42 | 4°25.5 | 4°26.2 | 4°13.4 | 4.2 - 1.2 | 10.2 - 3.0 | 16.2 - 4.7 |
| 43 | 3°55.7 | 3°56.4 | 3°45.0 | 4.3 - 1.1 | 10.3 - 2.7 | 16.3 - 4.2 | 43 | 4°10.7 | 4°11 | | | | | | | | | | | |

Increments and Corrections

| m 18 | Sun Plan. | Aries | Moon | v and d corr | m 19 | Sun Plan. | Aries | Moon | v and d corr | m 20 | Sun Plan. | Aries | Moon | v and d corr |
|---------|--------------|--------|--------|---------------------------------------|---------|--------------|--------|--------|---------------------------------------|---------|--------------|--------|--------|---------------------------------------|
| 0 | 4°30.0 | 4°30.7 | 4°17.7 | 0.0 - 0.0 6.0 - 1.9 12.0 - 3.7 | 0 | 4°45.0 | 4°45.8 | 4°32.0 | 0.0 - 0.0 6.0 - 2.0 12.0 - 3.9 | 0 | 5°00.0 | 5°00.8 | 4°46.3 | 0.0 - 0.0 6.0 - 2.0 12.0 - 4.1 |
| 1 | 4°30.2 | 4°31.0 | 4°17.9 | 0.1 - 0.0 6.1 - 1.9 12.1 - 3.7 | 1 | 4°45.2 | 4°46.0 | 4°32.3 | 0.1 - 0.0 6.1 - 2.0 12.1 - 3.9 | 1 | 5°00.2 | 5°01.1 | 4°46.6 | 0.1 - 0.0 6.1 - 2.1 12.1 - 4.1 |
| 2 | 4°30.5 | 4°31.2 | 4°18.2 | 0.2 - 0.1 6.2 - 1.9 12.2 - 3.8 | 2 | 4°45.5 | 4°46.3 | 4°32.5 | 0.2 - 0.1 6.2 - 2.0 12.2 - 4.0 | 2 | 5°00.5 | 5°01.3 | 4°46.8 | 0.2 - 0.1 6.2 - 2.1 12.2 - 4.2 |
| 3 | 4°30.8 | 4°31.5 | 4°18.4 | 0.3 - 0.1 6.3 - 1.9 12.3 - 3.8 | 3 | 4°45.8 | 4°46.5 | 4°32.7 | 0.3 - 0.1 6.3 - 2.0 12.3 - 4.0 | 3 | 5°00.8 | 5°01.6 | 4°47.0 | 0.3 - 0.1 6.3 - 2.2 12.3 - 4.2 |
| 4 | 4°31.0 | 4°31.7 | 4°18.7 | 0.4 - 0.1 6.4 - 2.0 12.4 - 3.8 | 4 | 4°46.0 | 4°46.8 | 4°33.0 | 0.4 - 0.1 6.4 - 2.1 12.4 - 4.0 | 4 | 5°01.0 | 5°01.8 | 4°47.3 | 0.4 - 0.1 6.4 - 2.2 12.4 - 4.2 |
| 5 | 4°31.2 | 4°32.0 | 4°18.9 | 0.5 - 0.2 6.5 - 2.0 12.5 - 3.9 | 5 | 4°46.2 | 4°47.0 | 4°33.2 | 0.5 - 0.2 6.5 - 2.1 12.5 - 4.1 | 5 | 5°01.2 | 5°02.1 | 4°47.5 | 0.5 - 0.2 6.5 - 2.2 12.5 - 4.3 |
| 6 | 4°31.5 | 4°32.2 | 4°19.1 | 0.6 - 0.2 6.6 - 2.0 12.6 - 3.9 | 6 | 4°46.5 | 4°47.3 | 4°33.4 | 0.6 - 0.2 6.6 - 2.1 12.6 - 4.1 | 6 | 5°01.5 | 5°02.3 | 4°47.8 | 0.6 - 0.2 6.6 - 2.3 12.6 - 4.3 |
| 7 | 4°31.8 | 4°32.5 | 4°19.4 | 0.7 - 0.2 6.7 - 2.1 12.7 - 3.9 | 7 | 4°46.8 | 4°47.5 | 4°33.7 | 0.7 - 0.2 6.7 - 2.2 12.7 - 4.1 | 7 | 5°01.8 | 5°02.6 | 4°48.0 | 0.7 - 0.2 6.7 - 2.3 12.7 - 4.3 |
| 8 | 4°32.0 | 4°32.7 | 4°19.6 | 0.8 - 0.2 6.8 - 2.1 12.8 - 3.9 | 8 | 4°47.0 | 4°47.8 | 4°33.9 | 0.8 - 0.3 6.8 - 2.2 12.8 - 4.2 | 8 | 5°02.0 | 5°02.8 | 4°48.2 | 0.8 - 0.3 6.8 - 2.3 12.8 - 4.4 |
| 9 | 4°32.2 | 4°33.0 | 4°19.8 | 0.9 - 0.3 6.9 - 2.1 12.9 - 4.0 | 9 | 4°47.2 | 4°48.0 | 4°34.2 | 0.9 - 0.3 6.9 - 2.2 12.9 - 4.2 | 9 | 5°02.2 | 5°03.1 | 4°48.5 | 0.9 - 0.3 6.9 - 2.4 12.9 - 4.4 |
| 10 | 4°32.5 | 4°33.2 | 4°20.1 | 1.0 - 0.3 7.0 - 2.2 13.0 - 4.0 | 10 | 4°47.5 | 4°48.3 | 4°34.4 | 1.0 - 0.3 7.0 - 2.3 13.0 - 4.2 | 10 | 5°02.5 | 5°03.3 | 4°48.7 | 1.0 - 0.3 7.0 - 2.4 13.0 - 4.4 |
| 11 | 4°32.8 | 4°33.5 | 4°20.3 | 1.1 - 0.3 7.1 - 2.2 13.1 - 4.0 | 11 | 4°47.8 | 4°48.5 | 4°34.6 | 1.1 - 0.4 7.1 - 2.3 13.1 - 4.3 | 11 | 5°02.8 | 5°03.6 | 4°49.0 | 1.1 - 0.4 7.1 - 2.4 13.1 - 4.5 |
| 12 | 4°33.0 | 4°33.7 | 4°20.6 | 1.2 - 0.4 7.2 - 2.2 13.2 - 4.1 | 12 | 4°48.0 | 4°48.8 | 4°34.9 | 1.2 - 0.4 7.2 - 2.3 13.2 - 4.3 | 12 | 5°03.0 | 5°03.8 | 4°49.2 | 1.2 - 0.4 7.2 - 2.5 13.2 - 4.5 |
| 13 | 4°33.2 | 4°34.0 | 4°20.8 | 1.3 - 0.4 7.3 - 2.3 13.3 - 4.1 | 13 | 4°48.2 | 4°49.0 | 4°35.1 | 1.3 - 0.4 7.3 - 2.4 13.3 - 4.3 | 13 | 5°03.2 | 5°04.1 | 4°49.4 | 1.3 - 0.4 7.3 - 2.5 13.3 - 4.5 |
| 14 | 4°33.5 | 4°34.2 | 4°21.0 | 1.4 - 0.4 7.4 - 2.3 13.4 - 4.1 | 14 | 4°48.5 | 4°49.3 | 4°35.4 | 1.4 - 0.5 7.4 - 2.4 13.4 - 4.4 | 14 | 5°03.5 | 5°04.3 | 4°49.7 | 1.4 - 0.5 7.4 - 2.5 13.4 - 4.6 |
| 15 | 4°33.8 | 4°34.5 | 4°21.3 | 1.5 - 0.5 7.5 - 2.3 13.5 - 4.2 | 15 | 4°48.8 | 4°49.5 | 4°35.6 | 1.5 - 0.5 7.5 - 2.4 13.5 - 4.4 | 15 | 5°03.8 | 5°04.6 | 4°49.9 | 1.5 - 0.5 7.5 - 2.6 13.5 - 4.6 |
| 16 | 4°34.0 | 4°34.7 | 4°21.5 | 1.6 - 0.5 7.6 - 2.3 13.6 - 4.2 | 16 | 4°49.0 | 4°49.8 | 4°35.8 | 1.6 - 0.5 7.6 - 2.5 13.6 - 4.4 | 16 | 5°04.0 | 5°04.8 | 4°50.2 | 1.6 - 0.5 7.6 - 2.6 13.6 - 4.6 |
| 17 | 4°34.3 | 4°35.0 | 4°21.8 | 1.7 - 0.5 7.7 - 2.4 13.7 - 4.2 | 17 | 4°49.3 | 4°50.0 | 4°36.1 | 1.7 - 0.6 7.7 - 2.5 13.7 - 4.5 | 17 | 5°04.3 | 5°05.1 | 4°50.4 | 1.7 - 0.6 7.7 - 2.6 13.7 - 4.7 |
| 18 | 4°34.5 | 4°35.3 | 4°22.0 | 1.8 - 0.6 7.8 - 2.4 13.8 - 4.3 | 18 | 4°49.5 | 4°50.3 | 4°36.3 | 1.8 - 0.6 7.8 - 2.5 13.8 - 4.5 | 18 | 5°04.5 | 5°05.3 | 4°50.6 | 1.8 - 0.6 7.8 - 2.7 13.8 - 4.7 |
| 19 | 4°34.8 | 4°35.5 | 4°22.2 | 1.9 - 0.6 7.9 - 2.4 13.9 - 4.3 | 19 | 4°49.8 | 4°50.5 | 4°36.6 | 1.9 - 0.6 7.9 - 2.6 13.9 - 4.5 | 19 | 5°04.7 | 5°05.6 | 4°50.9 | 1.9 - 0.6 7.9 - 2.7 13.9 - 4.7 |
| 20 | 4°35.0 | 4°35.8 | 4°22.5 | 2.0 - 0.6 8.0 - 2.5 14.0 - 4.3 | 20 | 4°50.0 | 4°50.8 | 4°36.8 | 2.0 - 0.7 8.0 - 2.6 14.0 - 4.5 | 20 | 5°05.0 | 5°05.8 | 4°51.1 | 2.0 - 0.7 8.0 - 2.7 14.0 - 4.8 |
| 21 | 4°35.3 | 4°36.0 | 4°22.7 | 2.1 - 0.6 8.1 - 2.5 14.1 - 4.3 | 21 | 4°50.3 | 4°51.0 | 4°37.0 | 2.1 - 0.7 8.1 - 2.6 14.1 - 4.6 | 21 | 5°05.3 | 5°06.1 | 4°51.3 | 2.1 - 0.7 8.1 - 2.8 14.1 - 4.8 |
| 22 | 4°35.5 | 4°36.3 | 4°22.9 | 2.2 - 0.7 8.2 - 2.5 14.2 - 4.4 | 22 | 4°50.5 | 4°51.3 | 4°37.3 | 2.2 - 0.7 8.2 - 2.7 14.2 - 4.6 | 22 | 5°05.5 | 5°06.3 | 4°51.6 | 2.2 - 0.8 8.2 - 2.8 14.2 - 4.9 |
| 23 | 4°35.7 | 4°36.5 | 4°23.2 | 2.3 - 0.7 8.3 - 2.6 14.3 - 4.4 | 23 | 4°50.7 | 4°51.5 | 4°37.5 | 2.3 - 0.7 8.3 - 2.7 14.3 - 4.6 | 23 | 5°05.7 | 5°06.6 | 4°51.8 | 2.3 - 0.8 8.3 - 2.8 14.3 - 4.9 |
| 24 | 4°36.0 | 4°36.8 | 4°23.4 | 2.4 - 0.7 8.4 - 2.6 14.4 - 4.4 | 24 | 4°51.0 | 4°51.8 | 4°37.7 | 2.4 - 0.8 8.4 - 2.7 14.4 - 4.7 | 24 | 5°06.0 | 5°06.8 | 4°52.1 | 2.4 - 0.8 8.4 - 2.9 14.4 - 4.9 |
| 25 | 4°36.3 | 4°37.0 | 4°23.7 | 2.5 - 0.8 8.5 - 2.6 14.5 - 4.5 | 25 | 4°51.3 | 4°52.0 | 4°38.0 | 2.5 - 0.8 8.5 - 2.8 14.5 - 4.7 | 25 | 5°06.3 | 5°07.1 | 4°52.3 | 2.5 - 0.9 8.5 - 2.9 14.5 - 5.0 |
| 26 | 4°36.5 | 4°37.3 | 4°23.9 | 2.6 - 0.8 8.6 - 2.7 14.6 - 4.5 | 26 | 4°51.5 | 4°52.3 | 4°38.2 | 2.6 - 0.8 8.6 - 2.8 14.6 - 4.7 | 26 | 5°06.5 | 5°07.3 | 4°52.5 | 2.6 - 0.9 8.6 - 2.9 14.6 - 5.0 |
| 27 | 4°36.7 | 4°37.5 | 4°24.1 | 2.7 - 0.8 8.7 - 2.7 14.7 - 4.5 | 27 | 4°51.7 | 4°52.5 | 4°38.5 | 2.7 - 0.9 8.7 - 2.8 14.7 - 4.8 | 27 | 5°06.7 | 5°07.6 | 4°52.8 | 2.7 - 0.9 8.7 - 3.0 14.7 - 5.0 |
| 28 | 4°37.0 | 4°37.8 | 4°24.4 | 2.8 - 0.9 8.8 - 2.7 14.8 - 4.6 | 28 | 4°52.0 | 4°52.8 | 4°38.7 | 2.8 - 0.9 8.8 - 2.9 14.8 - 4.8 | 28 | 5°07.0 | 5°07.8 | 4°53.0 | 2.8 - 1.0 8.8 - 3.0 14.8 - 5.1 |
| 29 | 4°37.3 | 4°38.0 | 4°24.6 | 2.9 - 0.9 8.9 - 2.7 14.9 - 4.6 | 29 | 4°52.3 | 4°53.0 | 4°38.9 | 2.9 - 0.9 8.9 - 2.9 14.9 - 4.8 | 29 | 5°07.3 | 5°08.1 | 4°53.3 | 2.9 - 1.0 8.9 - 3.0 14.9 - 5.1 |
| 30 | 4°37.5 | 4°38.3 | 4°24.9 | 3.0 - 0.9 9.0 - 2.8 15.0 - 4.6 | 30 | 4°52.5 | 4°53.3 | 4°39.2 | 3.0 - 1.0 9.0 - 2.9 15.0 - 4.9 | 30 | 5°07.5 | 5°08.3 | 4°53.5 | 3.0 - 1.0 9.0 - 3.1 15.0 - 5.1 |
| 31 | 4°37.7 | 4°38.5 | 4°25.1 | 3.1 - 1.0 9.1 - 2.8 15.1 - 4.7 | 31 | 4°52.7 | 4°53.6 | 4°39.4 | 3.1 - 1.0 9.1 - 3.0 15.1 - 4.9 | 31 | 5°07.7 | 5°08.6 | 4°53.7 | 3.1 - 1.1 9.1 - 3.1 15.1 - 5.2 |
| 32 | 4°38.0 | 4°38.8 | 4°25.3 | 3.2 - 1.0 9.2 - 2.8 15.2 - 4.7 | 32 | 4°53.0 | 4°53.8 | 4°39.7 | 3.2 - 1.0 9.2 - 3.0 15.2 - 4.9 | 32 | 5°08.0 | 5°08.8 | 4°54.0 | 3.2 - 1.1 9.2 - 3.1 15.2 - 5.2 |
| 33 | 4°38.3 | 4°39.0 | 4°25.6 | 3.3 - 1.0 9.3 - 2.9 15.3 - 4.7 | 33 | 4°53.3 | 4°54.1 | 4°39.9 | 3.3 - 1.1 9.3 - 3.0 15.3 - 5.0 | 33 | 5°08.3 | 5°09.1 | 4°54.2 | 3.3 - 1.1 9.3 - 3.2 15.3 - 5.2 |
| 34 | 4°38.5 | 4°39.3 | 4°25.8 | 3.4 - 1.0 9.4 - 2.9 15.4 - 4.7 | 34 | 4°53.5 | 4°54.3 | 4°40.1 | 3.4 - 1.1 9.4 - 3.1 15.4 - 5.0 | 34 | 5°08.5 | 5°09.3 | 4°54.4 | 3.4 - 1.2 9.4 - 3.2 15.4 - 5.3 |
| 35 | 4°38.7 | 4°39.5 | 4°26.1 | 3.5 - 1.1 9.5 - 2.9 15.5 - 4.8 | 35 | 4°53.7 | 4°54.6 | 4°40.4 | 3.5 - 1.1 9.5 - 3.1 15.5 - 5.0 | 35 | 5°08.7 | 5°09.6 | 4°54.7 | 3.5 - 1.2 9.5 - 3.2 15.5 - 5.3 |
| 36 | 4°39.0 | 4°39.8 | 4°26.3 | 3.6 - 1.1 9.6 - 3.0 15.6 - 4.8 | 36 | 4°54.0 | 4°54.8 | 4°40.6 | 3.6 - 1.2 9.6 - 3.1 15.6 - 5.1 | 36 | 5°09.0 | 5°09.8 | 4°54.9 | 3.6 - 1.2 9.6 - 3.3 15.6 - 5.3 |
| 37 | 4°39.3 | 4°40.0 | 4°26.5 | 3.7 - 1.1 9.7 - 3.0 15.7 - 4.8 | 37 | 4°54.3 | 4°55.1 | 4°40.8 | 3.7 - 1.2 9.7 - 3.2 15.7 - 5.1 | 37 | 5°09.3 | 5°10.1 | 4°55.2 | 3.7 - 1.3 9.7 - 3.3 15.7 - 5.4 |
| 38 | 4°39.5 | 4°40.3 | 4°26.8 | 3.8 - 1.2 9.8 - 3.0 15.8 - 4.9 | 38 | 4°54.5 | 4°55.3 | 4°41.1 | 3.8 - 1.2 9.8 - 3.2 15.8 - 5.1 | 38 | 5°09.5 | 5°10.3 | 4°55.4 | 3.8 - 1.3 9.8 - 3.3 15.8 - 5.4 |
| 39 | 4°39.7 | 4°40.5 | 4°27.0 | 3.9 - 1.2 9.9 - 3.1 15.9 - 4.9 | 39 | 4°54.7 | 4°55.6 | 4°41.3 | 3.9 - 1.3 9.9 - 3.2 15.9 - 5.2 | 39 | 5°09.7 | 5°10.6 | 4°55.6 | 3.9 - 1.3 9.9 - 3.4 15.9 - 5.4 |
| 40 | 4°40.0 | 4°40.8 | 4°27.2 | 4.0 - 1.2 10.0 - 3.1 16.0 - 4.9 | 40 | 4°55.0 | 4°55.8 | 4°41.6 | 4.0 - 1.3 10.0 - 3.3 16.0 - 5.2 | 40 | 5°10.0 | 5°10.8 | 4°55.9 | 4.0 - 1.4 10.0 - 3.4 16.0 - 5.5 |
| 41 | 4°40.3 | 4°41.0 | 4°27.5 | 4.1 - 1.3 10.1 - 3.1 16.1 - 5.0 | 41 | 4°55.3 | 4°56.1 | 4°41.8 | 4.1 - 1.3 10.1 - 3.3 16.1 - 5.2 | 41 | 5°10.3 | 5°11.1 | 4°56.1 | 4.1 - 1.4 10.1 - 3.5 16.1 - 5.5 |
| 42 | 4°40.5 | 4°41.3 | 4°27.7 | 4.2 - 1.3 10.2 - 3.1 16.2 - 5.0 | 42 | 4°55.5 | 4°56.3 | 4°42.0 | 4.2 - 1.4 10.2 - 3.3 16.2 - 5.3 | 42 | 5°10.5 | 5°11.3 | 4°56.4 | 4.2 - 1.4 10.2 - 3.5 16.2 - 5.5 |
| 43 | 4°40.7 | 4°41.5 | 4°28.0 | 4.3 - 1.3 10.3 - 3.2 16.3 - 5.0 | 43 | 4°55.7 | 4°56.6 | 4°42.3 | 4.3 - 1.4 10.3 - 3.3 16.3 - 5.3 | 43 | 5°10.7 | 5°11.6 | 4°56.6 | 4.3 - 1.5 10.3 - 3.5 16.3 - 5.6 |
| 44 | 4°41.0 | 4°41.8 | 4°28.2 | 4.4 - 1.4 10.4 - 3.2 16.4 - 5.1 | 44 | 4°56.0 | 4°56.8 | 4°42.5 | 4.4 - 1.4 10.4 - 3.4 16.4 - 5.3 | 44 | 5°11.0 | 5°11.9 | 4°56.8 | 4.4 - 1.5 10.4 - 3.6 16.4 - 5.6 |
| 45 | 4°41.3 | 4°42.0 | 4°28.4 | 4.5 - 1.4 10.5 - 3.2 16.5 - 5.1 | 45 | 4°56.3 | 4°57.1 | 4°42.8 | 4.5 - 1.5 10.5 - 3.4 16.5 - 5.4 | 45 | 5°11.3 | 5°12.1 | 4°57.1 | 4.5 - 1.5 10.5 - 3.6 16.5 - 5.6 |
| 46 | | | | | | | | | | | | | | |

Increments and Corrections

| m 21 | Sun Plan. | Aries | Moon | v and d corr | | | m 22 | Sun Plan. | Aries | Moon | v and d corr | | | m 23 | Sun Plan. | Aries | Moon | v and d corr | | |
|---------|--------------|--------|--------|--------------|------------|------------|---------|--------------|--------|--------|--------------|------------|------------|---------|--------------|--------|--------|--------------|------------|------------|
| 0 | 5°15.0 | 5°15.9 | 5°00.6 | 0.0 - 0.0 | 6.0 - 2.1 | 12.0 - 4.3 | 0 | 5°30.0 | 5°30.9 | 5°15.0 | 0.0 - 0.0 | 6.0 - 2.3 | 12.0 - 4.5 | 0 | 5°45.0 | 5°45.9 | 5°29.3 | 0.0 - 0.0 | 6.0 - 2.4 | 12.0 - 4.7 |
| 1 | 5°15.2 | 5°16.1 | 5°00.9 | 0.1 - 0.0 | 6.1 - 2.2 | 12.1 - 4.3 | 1 | 5°30.2 | 5°31.2 | 5°15.2 | 0.1 - 0.0 | 6.1 - 2.3 | 12.1 - 4.5 | 1 | 5°45.2 | 5°46.2 | 5°29.5 | 0.1 - 0.0 | 6.1 - 2.4 | 12.1 - 4.7 |
| 2 | 5°15.5 | 5°16.4 | 5°01.1 | 0.2 - 0.1 | 6.2 - 2.2 | 12.2 - 4.4 | 2 | 5°30.5 | 5°31.4 | 5°15.4 | 0.2 - 0.1 | 6.2 - 2.3 | 12.2 - 4.6 | 2 | 5°45.5 | 5°46.4 | 5°29.8 | 0.2 - 0.1 | 6.2 - 2.4 | 12.2 - 4.8 |
| 3 | 5°15.8 | 5°16.6 | 5°01.4 | 0.3 - 0.1 | 6.3 - 2.3 | 12.3 - 4.4 | 3 | 5°30.8 | 5°31.7 | 5°15.7 | 0.3 - 0.1 | 6.3 - 2.4 | 12.3 - 4.6 | 3 | 5°45.8 | 5°46.7 | 5°30.0 | 0.3 - 0.1 | 6.3 - 2.5 | 12.3 - 4.8 |
| 4 | 5°16.0 | 5°16.9 | 5°01.6 | 0.4 - 0.1 | 6.4 - 2.3 | 12.4 - 4.4 | 4 | 5°31.0 | 5°31.9 | 5°15.9 | 0.4 - 0.2 | 6.4 - 2.4 | 12.4 - 4.7 | 4 | 5°46.0 | 5°46.9 | 5°30.2 | 0.4 - 0.2 | 6.4 - 2.5 | 12.4 - 4.9 |
| 5 | 5°16.2 | 5°17.1 | 5°01.8 | 0.5 - 0.2 | 6.5 - 2.3 | 12.5 - 4.5 | 5 | 5°31.2 | 5°32.2 | 5°16.2 | 0.5 - 0.2 | 6.5 - 2.4 | 12.5 - 4.7 | 5 | 5°46.2 | 5°47.2 | 5°30.5 | 0.5 - 0.2 | 6.5 - 2.5 | 12.5 - 4.9 |
| 6 | 5°16.5 | 5°17.4 | 5°02.1 | 0.6 - 0.2 | 6.6 - 2.4 | 12.6 - 4.5 | 6 | 5°31.5 | 5°32.4 | 5°16.4 | 0.6 - 0.2 | 6.6 - 2.5 | 12.6 - 4.7 | 6 | 5°46.5 | 5°47.4 | 5°30.7 | 0.6 - 0.2 | 6.6 - 2.6 | 12.6 - 4.9 |
| 7 | 5°16.8 | 5°17.6 | 5°02.3 | 0.7 - 0.3 | 6.7 - 2.4 | 12.7 - 4.6 | 7 | 5°31.8 | 5°32.7 | 5°16.6 | 0.7 - 0.3 | 6.7 - 2.5 | 12.7 - 4.8 | 7 | 5°46.8 | 5°47.7 | 5°31.0 | 0.7 - 0.3 | 6.7 - 2.6 | 12.7 - 5.0 |
| 8 | 5°17.0 | 5°17.9 | 5°02.6 | 0.8 - 0.3 | 6.8 - 2.4 | 12.8 - 4.6 | 8 | 5°32.0 | 5°32.9 | 5°16.9 | 0.8 - 0.3 | 6.8 - 2.5 | 12.8 - 4.8 | 8 | 5°47.0 | 5°47.9 | 5°31.2 | 0.8 - 0.3 | 6.8 - 2.7 | 12.8 - 5.0 |
| 9 | 5°17.2 | 5°18.1 | 5°02.8 | 0.9 - 0.3 | 6.9 - 2.5 | 12.9 - 4.6 | 9 | 5°32.2 | 5°33.2 | 5°17.1 | 0.9 - 0.3 | 6.9 - 2.6 | 12.9 - 4.8 | 9 | 5°47.2 | 5°48.2 | 5°31.4 | 0.9 - 0.4 | 6.9 - 2.7 | 12.9 - 5.1 |
| 10 | 5°17.5 | 5°18.4 | 5°03.0 | 1.0 - 0.4 | 7.0 - 2.5 | 13.0 - 4.7 | 10 | 5°32.5 | 5°33.4 | 5°17.4 | 1.0 - 0.4 | 7.0 - 2.6 | 13.0 - 4.9 | 10 | 5°47.5 | 5°48.4 | 5°31.7 | 1.0 - 0.4 | 7.0 - 2.7 | 13.0 - 5.1 |
| 11 | 5°17.8 | 5°18.6 | 5°03.3 | 1.1 - 0.4 | 7.1 - 2.5 | 13.1 - 4.7 | 11 | 5°32.8 | 5°33.7 | 5°17.6 | 1.1 - 0.4 | 7.1 - 2.7 | 13.1 - 4.9 | 11 | 5°47.8 | 5°48.7 | 5°31.9 | 1.1 - 0.4 | 7.1 - 2.8 | 13.1 - 5.1 |
| 12 | 5°18.0 | 5°18.9 | 5°03.5 | 1.2 - 0.4 | 7.2 - 2.6 | 13.2 - 4.7 | 12 | 5°33.0 | 5°33.9 | 5°17.8 | 1.2 - 0.5 | 7.2 - 2.7 | 13.2 - 4.9 | 12 | 5°48.0 | 5°49.0 | 5°32.1 | 1.2 - 0.5 | 7.2 - 2.8 | 13.2 - 5.2 |
| 13 | 5°18.2 | 5°19.1 | 5°03.8 | 1.3 - 0.5 | 7.3 - 2.6 | 13.3 - 4.8 | 13 | 5°33.2 | 5°34.2 | 5°18.1 | 1.3 - 0.5 | 7.3 - 2.7 | 13.3 - 5.0 | 13 | 5°48.2 | 5°49.2 | 5°32.4 | 1.3 - 0.5 | 7.3 - 2.9 | 13.3 - 5.2 |
| 14 | 5°18.5 | 5°19.4 | 5°04.0 | 1.4 - 0.5 | 7.4 - 2.7 | 13.4 - 4.8 | 14 | 5°33.5 | 5°34.4 | 5°18.3 | 1.4 - 0.5 | 7.4 - 2.8 | 13.4 - 5.0 | 14 | 5°48.5 | 5°49.5 | 5°32.6 | 1.4 - 0.5 | 7.4 - 2.9 | 13.4 - 5.2 |
| 15 | 5°18.8 | 5°19.6 | 5°04.2 | 1.5 - 0.5 | 7.5 - 2.7 | 13.5 - 4.8 | 15 | 5°33.8 | 5°34.7 | 5°18.5 | 1.5 - 0.6 | 7.5 - 2.8 | 13.5 - 5.1 | 15 | 5°48.8 | 5°49.7 | 5°32.9 | 1.5 - 0.6 | 7.5 - 2.9 | 13.5 - 5.3 |
| 16 | 5°19.0 | 5°19.9 | 5°04.5 | 1.6 - 0.6 | 7.6 - 2.7 | 13.6 - 4.9 | 16 | 5°34.0 | 5°34.9 | 5°18.8 | 1.6 - 0.6 | 7.6 - 2.8 | 13.6 - 5.1 | 16 | 5°49.0 | 5°50.0 | 5°33.1 | 1.6 - 0.6 | 7.6 - 3.0 | 13.6 - 5.3 |
| 17 | 5°19.3 | 5°20.1 | 5°04.7 | 1.7 - 0.6 | 7.7 - 2.8 | 13.7 - 4.9 | 17 | 5°34.3 | 5°35.2 | 5°19.0 | 1.7 - 0.6 | 7.7 - 2.9 | 13.7 - 5.1 | 17 | 5°49.3 | 5°50.2 | 5°33.3 | 1.7 - 0.7 | 7.7 - 3.0 | 13.7 - 5.4 |
| 18 | 5°19.5 | 5°20.4 | 5°04.9 | 1.8 - 0.6 | 7.8 - 2.8 | 13.8 - 4.9 | 18 | 5°34.5 | 5°35.4 | 5°19.3 | 1.8 - 0.7 | 7.8 - 2.9 | 13.8 - 5.2 | 18 | 5°49.5 | 5°50.5 | 5°33.6 | 1.8 - 0.7 | 7.8 - 3.1 | 13.8 - 5.4 |
| 19 | 5°19.7 | 5°20.6 | 5°05.2 | 1.9 - 0.7 | 7.9 - 2.8 | 13.9 - 5.0 | 19 | 5°34.8 | 5°35.7 | 5°19.5 | 1.9 - 0.7 | 7.9 - 3.0 | 13.9 - 5.2 | 19 | 5°49.8 | 5°50.7 | 5°33.8 | 1.9 - 0.7 | 7.9 - 3.1 | 13.9 - 5.4 |
| 20 | 5°20.0 | 5°20.9 | 5°05.4 | 2.0 - 0.7 | 8.0 - 2.9 | 14.0 - 5.0 | 20 | 5°35.0 | 5°35.9 | 5°19.7 | 2.0 - 0.8 | 8.0 - 3.0 | 14.0 - 5.3 | 20 | 5°50.0 | 5°51.0 | 5°34.1 | 2.0 - 0.8 | 8.0 - 3.1 | 14.0 - 5.5 |
| 21 | 5°20.3 | 5°21.1 | 5°05.7 | 2.1 - 0.8 | 8.1 - 2.9 | 14.1 - 5.1 | 21 | 5°35.3 | 5°36.2 | 5°20.0 | 2.1 - 0.8 | 8.1 - 3.0 | 14.1 - 5.3 | 21 | 5°50.3 | 5°51.2 | 5°34.3 | 2.1 - 0.8 | 8.1 - 3.2 | 14.1 - 5.5 |
| 22 | 5°20.5 | 5°21.4 | 5°05.9 | 2.2 - 0.8 | 8.2 - 2.9 | 14.2 - 5.1 | 22 | 5°35.5 | 5°36.4 | 5°20.2 | 2.2 - 0.8 | 8.2 - 3.1 | 14.2 - 5.3 | 22 | 5°50.5 | 5°51.5 | 5°34.5 | 2.2 - 0.9 | 8.2 - 3.2 | 14.2 - 5.6 |
| 23 | 5°20.7 | 5°21.6 | 5°06.1 | 2.3 - 0.8 | 8.3 - 3.0 | 14.3 - 5.1 | 23 | 5°35.7 | 5°36.7 | 5°20.5 | 2.3 - 0.9 | 8.3 - 3.1 | 14.3 - 5.4 | 23 | 5°50.7 | 5°51.7 | 5°34.8 | 2.3 - 0.9 | 8.3 - 3.3 | 14.3 - 5.6 |
| 24 | 5°21.0 | 5°21.9 | 5°06.4 | 2.4 - 0.9 | 8.4 - 3.0 | 14.4 - 5.2 | 24 | 5°36.0 | 5°36.9 | 5°20.7 | 2.4 - 0.9 | 8.4 - 3.2 | 14.4 - 5.4 | 24 | 5°51.0 | 5°52.0 | 5°35.0 | 2.4 - 0.9 | 8.4 - 3.3 | 14.4 - 5.6 |
| 25 | 5°21.3 | 5°22.1 | 5°06.6 | 2.5 - 0.9 | 8.5 - 3.0 | 14.5 - 5.2 | 25 | 5°36.3 | 5°37.2 | 5°20.9 | 2.5 - 0.9 | 8.5 - 3.2 | 14.5 - 5.4 | 25 | 5°51.3 | 5°52.2 | 5°35.2 | 2.5 - 1.0 | 8.5 - 3.3 | 14.5 - 5.7 |
| 26 | 5°21.5 | 5°22.4 | 5°06.9 | 2.6 - 0.9 | 8.6 - 3.1 | 14.6 - 5.2 | 26 | 5°36.5 | 5°37.4 | 5°21.2 | 2.6 - 1.0 | 8.6 - 3.2 | 14.6 - 5.5 | 26 | 5°51.5 | 5°52.5 | 5°35.5 | 2.6 - 1.0 | 8.6 - 3.4 | 14.6 - 5.7 |
| 27 | 5°21.7 | 5°22.6 | 5°07.1 | 2.7 - 1.0 | 8.7 - 3.1 | 14.7 - 5.3 | 27 | 5°36.7 | 5°37.7 | 5°21.4 | 2.7 - 1.0 | 8.7 - 3.3 | 14.7 - 5.5 | 27 | 5°51.7 | 5°52.7 | 5°35.7 | 2.7 - 1.1 | 8.7 - 3.4 | 14.7 - 5.8 |
| 28 | 5°22.0 | 5°22.9 | 5°07.3 | 2.8 - 1.0 | 8.8 - 3.2 | 14.8 - 5.3 | 28 | 5°37.0 | 5°37.9 | 5°21.6 | 2.8 - 1.1 | 8.8 - 3.3 | 14.8 - 5.6 | 28 | 5°52.0 | 5°53.0 | 5°36.0 | 2.8 - 1.1 | 8.8 - 3.4 | 14.8 - 5.8 |
| 29 | 5°22.3 | 5°23.1 | 5°07.6 | 2.9 - 1.0 | 8.9 - 3.2 | 14.9 - 5.3 | 29 | 5°37.3 | 5°38.2 | 5°21.9 | 2.9 - 1.1 | 8.9 - 3.3 | 14.9 - 5.6 | 29 | 5°52.3 | 5°53.2 | 5°36.2 | 2.9 - 1.1 | 8.9 - 3.5 | 14.9 - 5.8 |
| 30 | 5°22.5 | 5°23.4 | 5°07.8 | 3.0 - 1.1 | 9.0 - 3.2 | 15.0 - 5.4 | 30 | 5°37.5 | 5°38.4 | 5°22.1 | 3.0 - 1.1 | 9.0 - 3.4 | 15.0 - 5.6 | 30 | 5°52.5 | 5°53.5 | 5°36.4 | 3.0 - 1.2 | 9.0 - 3.5 | 15.0 - 5.9 |
| 31 | 5°22.7 | 5°23.6 | 5°08.0 | 3.1 - 1.1 | 9.1 - 3.3 | 15.1 - 5.4 | 31 | 5°37.7 | 5°38.7 | 5°22.4 | 3.1 - 1.2 | 9.1 - 3.4 | 15.1 - 5.7 | 31 | 5°52.7 | 5°53.7 | 5°36.7 | 3.1 - 1.2 | 9.1 - 3.6 | 15.1 - 5.9 |
| 32 | 5°23.0 | 5°23.9 | 5°08.3 | 3.2 - 1.1 | 9.2 - 3.3 | 15.2 - 5.4 | 32 | 5°38.0 | 5°38.9 | 5°22.6 | 3.2 - 1.2 | 9.2 - 3.4 | 15.2 - 5.7 | 32 | 5°53.0 | 5°54.0 | 5°36.9 | 3.2 - 1.3 | 9.2 - 3.6 | 15.2 - 6.0 |
| 33 | 5°23.3 | 5°24.1 | 5°08.5 | 3.3 - 1.2 | 9.3 - 3.3 | 15.3 - 5.5 | 33 | 5°38.3 | 5°39.2 | 5°22.8 | 3.3 - 1.2 | 9.3 - 3.5 | 15.3 - 5.7 | 33 | 5°53.3 | 5°54.2 | 5°37.2 | 3.3 - 1.3 | 9.3 - 3.6 | 15.3 - 6.0 |
| 34 | 5°23.5 | 5°24.4 | 5°08.8 | 3.4 - 1.2 | 9.4 - 3.4 | 15.4 - 5.5 | 34 | 5°38.5 | 5°39.4 | 5°23.1 | 3.4 - 1.3 | 9.4 - 3.5 | 15.4 - 5.8 | 34 | 5°53.5 | 5°54.5 | 5°37.4 | 3.4 - 1.3 | 9.4 - 3.7 | 15.4 - 6.0 |
| 35 | 5°23.7 | 5°24.6 | 5°09.0 | 3.5 - 1.3 | 9.5 - 3.4 | 15.5 - 5.6 | 35 | 5°38.7 | 5°39.7 | 5°23.3 | 3.5 - 1.3 | 9.5 - 3.6 | 15.5 - 5.8 | 35 | 5°53.7 | 5°54.7 | 5°37.6 | 3.5 - 1.4 | 9.5 - 3.7 | 15.5 - 6.1 |
| 36 | 5°24.0 | 5°24.9 | 5°09.2 | 3.6 - 1.3 | 9.6 - 3.4 | 15.6 - 5.6 | 36 | 5°39.0 | 5°39.9 | 5°23.6 | 3.6 - 1.4 | 9.6 - 3.6 | 15.6 - 5.8 | 36 | 5°54.0 | 5°55.0 | 5°37.9 | 3.6 - 1.4 | 9.6 - 3.8 | 15.6 - 6.1 |
| 37 | 5°24.3 | 5°25.1 | 5°09.5 | 3.7 - 1.3 | 9.7 - 3.5 | 15.7 - 5.6 | 37 | 5°39.3 | 5°40.2 | 5°23.8 | 3.7 - 1.4 | 9.7 - 3.6 | 15.7 - 5.9 | 37 | 5°54.3 | 5°55.2 | 5°38.1 | 3.7 - 1.4 | 9.7 - 3.8 | 15.7 - 6.1 |
| 38 | 5°24.5 | 5°25.4 | 5°09.7 | 3.8 - 1.4 | 9.8 - 3.5 | 15.8 - 5.7 | 38 | 5°39.5 | 5°40.4 | 5°24.0 | 3.8 - 1.4 | 9.8 - 3.7 | 15.8 - 5.9 | 38 | 5°54.5 | 5°55.5 | 5°38.4 | 3.8 - 1.5 | 9.8 - 3.8 | 15.8 - 6.2 |
| 39 | 5°24.7 | 5°25.6 | 5°10.0 | 3.9 - 1.4 | 9.9 - 3.5 | 15.9 - 5.7 | 39 | 5°39.7 | 5°40.7 | 5°24.3 | 3.9 - 1.5 | 9.9 - 3.7 | 15.9 - 6.0 | 39 | 5°54.7 | 5°55.7 | 5°38.6 | 3.9 - 1.5 | 9.9 - 3.9 | 15.9 - 6.2 |
| 40 | 5°25.0 | 5°25.9 | 5°10.2 | 4.0 - 1.4 | 10.0 - 3.6 | 16.0 - 5.7 | 40 | 5°40.0 | 5°40.9 | 5°24.5 | 4.0 - 1.5 | 10.0 - 3.8 | 16.0 - 6.0 | 40 | 5°55.0 | 5°56.0 | 5°38.8 | 4.0 - 1.6 | 10.0 - 3.9 | 16.0 - 6.3 |
| 41 | 5°25.3 | 5°26.1 | 5°10.4 | 4.1 - 1.5 | 10.1 - 3.6 | 16.1 - 5.8 | 41 | 5°40.3 | 5°41.2 | 5°24.7 | 4.1 - 1.5 | 10.1 - 3.8 | 16.1 - 6.0 | 41 | 5°55.3 | 5°56.2 | 5°39.1 | 4.1 - 1.6 | 10.1 - 4.0 | 16.1 - 6.3 |
| 42 | 5°25.5 | 5°26.4 | 5°10.7 | 4.2 - 1.5 | 10.2 - 3.7 | 16.2 - 5.8 | 42 | 5°40.5 | 5°41.4 | 5°25.0 | 4.2 - 1.6 | 10.2 - 3.8 | 16.2 - 6.1 | 42 | 5°55.5 | 5°56.5 | 5°39.3 | 4.2 - 1.6 | 10.2 - 4.0 | 16.2 - 6.3 |
| 43 | 5°25.7 | 5°26.6 | 5°10.9 | 4.3 - 1.5 | 10.3 - 3.7 | 16.3 - 5.8 | 43 | 5°40.7 | 5°41 | | | | | | | | | | | |

Increments and Corrections

| m 24 | Sun Plan. | Aries | Moon | v and d corr | | | |
|---------|--------------|--------|--------|--------------|------------|------------|--|
| 0 | 6°00.0 | 6°01.0 | 5°43.6 | 0.0 - 0.0 | 6.0 - 2.5 | 12.0 - 4.9 | |
| 1 | 6°00.2 | 6°01.2 | 5°43.8 | 0.1 - 0.0 | 6.1 - 2.5 | 12.1 - 4.9 | |
| 2 | 6°00.5 | 6°01.5 | 5°44.1 | 0.2 - 0.1 | 6.2 - 2.5 | 12.2 - 5.0 | |
| 3 | 6°00.8 | 6°01.7 | 5°44.3 | 0.3 - 0.1 | 6.3 - 2.6 | 12.3 - 5.0 | |
| 4 | 6°01.0 | 6°02.0 | 5°44.6 | 0.4 - 0.2 | 6.4 - 2.6 | 12.4 - 5.1 | |
| 5 | 6°01.2 | 6°02.2 | 5°44.8 | 0.5 - 0.2 | 6.5 - 2.7 | 12.5 - 5.1 | |
| 6 | 6°01.5 | 6°02.5 | 5°45.0 | 0.6 - 0.2 | 6.6 - 2.7 | 12.6 - 5.1 | |
| 7 | 6°01.8 | 6°02.7 | 5°45.3 | 0.7 - 0.3 | 6.7 - 2.7 | 12.7 - 5.2 | |
| 8 | 6°02.0 | 6°03.0 | 5°45.5 | 0.8 - 0.3 | 6.8 - 2.8 | 12.8 - 5.2 | |
| 9 | 6°02.2 | 6°03.2 | 5°45.7 | 0.9 - 0.4 | 6.9 - 2.8 | 12.9 - 5.3 | |
| 10 | 6°02.5 | 6°03.5 | 5°46.0 | 1.0 - 0.4 | 7.0 - 2.9 | 13.0 - 5.3 | |
| 11 | 6°02.8 | 6°03.7 | 5°46.2 | 1.1 - 0.4 | 7.1 - 2.9 | 13.1 - 5.3 | |
| 12 | 6°03.0 | 6°04.0 | 5°46.5 | 1.2 - 0.5 | 7.2 - 2.9 | 13.2 - 5.4 | |
| 13 | 6°03.2 | 6°04.2 | 5°46.7 | 1.3 - 0.5 | 7.3 - 3.0 | 13.3 - 5.4 | |
| 14 | 6°03.5 | 6°04.5 | 5°46.9 | 1.4 - 0.6 | 7.4 - 3.0 | 13.4 - 5.5 | |
| 15 | 6°03.8 | 6°04.7 | 5°47.2 | 1.5 - 0.6 | 7.5 - 3.1 | 13.5 - 5.5 | |
| 16 | 6°04.0 | 6°05.0 | 5°47.4 | 1.6 - 0.7 | 7.6 - 3.1 | 13.6 - 5.6 | |
| 17 | 6°04.3 | 6°05.2 | 5°47.7 | 1.7 - 0.7 | 7.7 - 3.1 | 13.7 - 5.6 | |
| 18 | 6°04.5 | 6°05.5 | 5°47.9 | 1.8 - 0.7 | 7.8 - 3.2 | 13.8 - 5.6 | |
| 19 | 6°04.7 | 6°05.7 | 5°48.1 | 1.9 - 0.8 | 7.9 - 3.2 | 13.9 - 5.7 | |
| 20 | 6°05.0 | 6°06.0 | 5°48.4 | 2.0 - 0.8 | 8.0 - 3.3 | 14.0 - 5.7 | |
| 21 | 6°05.3 | 6°06.2 | 5°48.6 | 2.1 - 0.9 | 8.1 - 3.3 | 14.1 - 5.8 | |
| 22 | 6°05.5 | 6°06.5 | 5°48.8 | 2.2 - 0.9 | 8.2 - 3.3 | 14.2 - 5.8 | |
| 23 | 6°05.7 | 6°06.7 | 5°49.1 | 2.3 - 0.9 | 8.3 - 3.4 | 14.3 - 5.8 | |
| 24 | 6°06.0 | 6°07.0 | 5°49.3 | 2.4 - 1.0 | 8.4 - 3.4 | 14.4 - 5.9 | |
| 25 | 6°06.3 | 6°07.3 | 5°49.6 | 2.5 - 1.0 | 8.5 - 3.5 | 14.5 - 5.9 | |
| 26 | 6°06.5 | 6°07.5 | 5°49.8 | 2.6 - 1.1 | 8.6 - 3.5 | 14.6 - 6.0 | |
| 27 | 6°06.7 | 6°07.8 | 5°50.0 | 2.7 - 1.1 | 8.7 - 3.6 | 14.7 - 6.0 | |
| 28 | 6°07.0 | 6°08.0 | 5°50.3 | 2.8 - 1.1 | 8.8 - 3.6 | 14.8 - 6.0 | |
| 29 | 6°07.3 | 6°08.3 | 5°50.5 | 2.9 - 1.2 | 8.9 - 3.6 | 14.9 - 6.1 | |
| 30 | 6°07.5 | 6°08.5 | 5°50.8 | 3.0 - 1.2 | 9.0 - 3.7 | 15.0 - 6.1 | |
| 31 | 6°07.7 | 6°08.8 | 5°51.0 | 3.1 - 1.3 | 9.1 - 3.7 | 15.1 - 6.2 | |
| 32 | 6°08.0 | 6°09.0 | 5°51.2 | 3.2 - 1.3 | 9.2 - 3.8 | 15.2 - 6.2 | |
| 33 | 6°08.3 | 6°09.3 | 5°51.5 | 3.3 - 1.3 | 9.3 - 3.8 | 15.3 - 6.2 | |
| 34 | 6°08.5 | 6°09.5 | 5°51.7 | 3.4 - 1.4 | 9.4 - 3.8 | 15.4 - 6.3 | |
| 35 | 6°08.7 | 6°09.8 | 5°52.0 | 3.5 - 1.4 | 9.5 - 3.9 | 15.5 - 6.3 | |
| 36 | 6°09.0 | 6°10.0 | 5°52.2 | 3.6 - 1.5 | 9.6 - 3.9 | 15.6 - 6.4 | |
| 37 | 6°09.3 | 6°10.3 | 5°52.4 | 3.7 - 1.5 | 9.7 - 4.0 | 15.7 - 6.4 | |
| 38 | 6°09.5 | 6°10.5 | 5°52.7 | 3.8 - 1.6 | 9.8 - 4.0 | 15.8 - 6.5 | |
| 39 | 6°09.7 | 6°10.8 | 5°52.9 | 3.9 - 1.6 | 9.9 - 4.0 | 15.9 - 6.5 | |
| 40 | 6°10.0 | 6°11.0 | 5°53.1 | 4.0 - 1.6 | 10.0 - 4.1 | 16.0 - 6.5 | |
| 41 | 6°10.3 | 6°11.3 | 5°53.4 | 4.1 - 1.7 | 10.1 - 4.1 | 16.1 - 6.6 | |
| 42 | 6°10.5 | 6°11.5 | 5°53.6 | 4.2 - 1.7 | 10.2 - 4.2 | 16.2 - 6.6 | |
| 43 | 6°10.7 | 6°11.8 | 5°53.9 | 4.3 - 1.8 | 10.3 - 4.2 | 16.3 - 6.7 | |
| 44 | 6°11.0 | 6°12.0 | 5°54.1 | 4.4 - 1.8 | 10.4 - 4.2 | 16.4 - 6.7 | |
| 45 | 6°11.3 | 6°12.3 | 5°54.3 | 4.5 - 1.8 | 10.5 - 4.3 | 16.5 - 6.7 | |
| 46 | 6°11.5 | 6°12.5 | 5°54.6 | 4.6 - 1.9 | 10.6 - 4.3 | 16.6 - 6.8 | |
| 47 | 6°11.8 | 6°12.8 | 5°54.8 | 4.7 - 1.9 | 10.7 - 4.4 | 16.7 - 6.8 | |
| 48 | 6°12.0 | 6°13.0 | 5°55.1 | 4.8 - 2.0 | 10.8 - 4.4 | 16.8 - 6.9 | |
| 49 | 6°12.2 | 6°13.3 | 5°55.3 | 4.9 - 2.0 | 10.9 - 4.5 | 16.9 - 6.9 | |
| 50 | 6°12.5 | 6°13.5 | 5°55.5 | 5.0 - 2.0 | 11.0 - 4.5 | 17.0 - 6.9 | |
| 51 | 6°12.8 | 6°13.8 | 5°55.8 | 5.1 - 2.1 | 11.1 - 4.5 | 17.1 - 7.0 | |
| 52 | 6°13.0 | 6°14.0 | 5°56.0 | 5.2 - 2.1 | 11.2 - 4.6 | 17.2 - 7.0 | |
| 53 | 6°13.2 | 6°14.3 | 5°56.2 | 5.3 - 2.2 | 11.3 - 4.6 | 17.3 - 7.1 | |
| 54 | 6°13.5 | 6°14.5 | 5°56.5 | 5.4 - 2.2 | 11.4 - 4.7 | 17.4 - 7.1 | |
| 55 | 6°13.8 | 6°14.8 | 5°56.7 | 5.5 - 2.2 | 11.5 - 4.7 | 17.5 - 7.1 | |
| 56 | 6°14.0 | 6°15.0 | 5°57.0 | 5.6 - 2.3 | 11.6 - 4.7 | 17.6 - 7.2 | |
| 57 | 6°14.2 | 6°15.3 | 5°57.2 | 5.7 - 2.3 | 11.7 - 4.8 | 17.7 - 7.2 | |
| 58 | 6°14.5 | 6°15.5 | 5°57.4 | 5.8 - 2.4 | 11.8 - 4.8 | 17.8 - 7.3 | |
| 59 | 6°14.8 | 6°15.8 | 5°57.7 | 5.9 - 2.4 | 11.9 - 4.9 | 17.9 - 7.3 | |

| m 25 | Sun Plan. | Aries | Moon | v and d corr | | | |
|---------|--------------|--------|--------|--------------|------------|------------|--|
| 0 | 6°15.0 | 6°16.0 | 5°57.9 | 0.0 - 0.0 | 6.0 - 2.5 | 12.0 - 5.1 | |
| 1 | 6°15.2 | 6°16.3 | 5°58.2 | 0.1 - 0.0 | 6.1 - 2.6 | 12.1 - 5.1 | |
| 2 | 6°15.5 | 6°16.5 | 5°58.4 | 0.2 - 0.1 | 6.2 - 2.6 | 12.2 - 5.2 | |
| 3 | 6°15.8 | 6°16.8 | 5°58.6 | 0.3 - 0.1 | 6.3 - 2.7 | 12.3 - 5.2 | |
| 4 | 6°16.0 | 6°17.0 | 5°58.9 | 0.4 - 0.2 | 6.4 - 2.7 | 12.4 - 5.3 | |
| 5 | 6°16.2 | 6°17.3 | 5°59.1 | 0.5 - 0.2 | 6.5 - 2.8 | 12.5 - 5.3 | |
| 6 | 6°16.5 | 6°17.5 | 5°59.3 | 0.6 - 0.3 | 6.6 - 2.8 | 12.6 - 5.4 | |
| 7 | 6°16.8 | 6°17.8 | 5°59.6 | 0.7 - 0.3 | 6.7 - 2.8 | 12.7 - 5.4 | |
| 8 | 6°17.0 | 6°18.0 | 5°59.8 | 0.8 - 0.3 | 6.8 - 2.9 | 12.8 - 5.4 | |
| 9 | 6°17.2 | 6°18.3 | 6°00.1 | 0.9 - 0.4 | 6.9 - 2.9 | 12.9 - 5.5 | |
| 10 | 6°17.5 | 6°18.5 | 6°00.3 | 1.0 - 0.4 | 7.0 - 3.0 | 13.0 - 5.5 | |
| 11 | 6°17.8 | 6°18.8 | 6°00.5 | 1.1 - 0.5 | 7.1 - 3.0 | 13.1 - 5.6 | |
| 12 | 6°18.0 | 6°19.0 | 6°00.8 | 1.2 - 0.5 | 7.2 - 3.1 | 13.2 - 5.6 | |
| 13 | 6°18.2 | 6°19.3 | 6°01.0 | 1.3 - 0.6 | 7.3 - 3.1 | 13.3 - 5.7 | |
| 14 | 6°18.5 | 6°19.5 | 6°01.3 | 1.4 - 0.6 | 7.4 - 3.1 | 13.4 - 5.7 | |
| 15 | 6°18.8 | 6°19.8 | 6°01.5 | 1.5 - 0.6 | 7.5 - 3.2 | 13.5 - 5.7 | |
| 16 | 6°19.0 | 6°20.0 | 6°01.7 | 1.6 - 0.7 | 7.6 - 3.2 | 13.6 - 5.8 | |
| 17 | 6°19.3 | 6°20.3 | 6°02.0 | 1.7 - 0.7 | 7.7 - 3.3 | 13.7 - 5.8 | |
| 18 | 6°19.5 | 6°20.5 | 6°02.2 | 1.8 - 0.8 | 7.8 - 3.3 | 13.8 - 5.9 | |
| 19 | 6°19.7 | 6°20.8 | 6°02.5 | 1.9 - 0.8 | 7.9 - 3.4 | 13.9 - 5.9 | |
| 20 | 6°20.0 | 6°21.0 | 6°02.7 | 2.0 - 0.8 | 8.0 - 3.4 | 14.0 - 6.0 | |
| 21 | 6°20.3 | 6°21.3 | 6°02.9 | 2.1 - 0.9 | 8.1 - 3.4 | 14.1 - 6.0 | |
| 22 | 6°20.5 | 6°21.5 | 6°03.2 | 2.2 - 0.9 | 8.2 - 3.5 | 14.2 - 6.0 | |
| 23 | 6°20.7 | 6°21.8 | 6°03.4 | 2.3 - 1.0 | 8.3 - 3.5 | 14.3 - 6.1 | |
| 24 | 6°21.0 | 6°22.0 | 6°03.6 | 2.4 - 1.0 | 8.4 - 3.6 | 14.4 - 6.1 | |
| 25 | 6°21.3 | 6°22.3 | 6°03.9 | 2.5 - 1.1 | 8.5 - 3.6 | 14.5 - 6.2 | |
| 26 | 6°21.5 | 6°22.5 | 6°04.1 | 2.6 - 1.1 | 8.6 - 3.7 | 14.6 - 6.2 | |
| 27 | 6°21.7 | 6°22.8 | 6°04.4 | 2.7 - 1.1 | 8.7 - 3.7 | 14.7 - 6.2 | |
| 28 | 6°22.0 | 6°23.0 | 6°04.6 | 2.8 - 1.2 | 8.8 - 3.7 | 14.8 - 6.3 | |
| 29 | 6°22.3 | 6°23.3 | 6°04.8 | 2.9 - 1.2 | 8.9 - 3.8 | 14.9 - 6.3 | |
| 30 | 6°22.5 | 6°23.5 | 6°05.1 | 3.0 - 1.3 | 9.0 - 3.8 | 15.0 - 6.4 | |
| 31 | 6°22.7 | 6°23.8 | 6°05.3 | 3.1 - 1.3 | 9.1 - 3.9 | 15.1 - 6.4 | |
| 32 | 6°23.0 | 6°24.0 | 6°05.6 | 3.2 - 1.4 | 9.2 - 3.9 | 15.2 - 6.5 | |
| 33 | 6°23.3 | 6°24.3 | 6°05.8 | 3.3 - 1.4 | 9.3 - 4.0 | 15.3 - 6.5 | |
| 34 | 6°23.5 | 6°24.5 | 6°06.0 | 3.4 - 1.4 | 9.4 - 4.0 | 15.4 - 6.5 | |
| 35 | 6°23.7 | 6°24.8 | 6°06.3 | 3.5 - 1.5 | 9.5 - 4.0 | 15.5 - 6.6 | |
| 36 | 6°24.0 | 6°25.0 | 6°06.5 | 3.6 - 1.5 | 9.6 - 4.1 | 15.6 - 6.6 | |
| 37 | 6°24.3 | 6°25.3 | 6°06.7 | 3.7 - 1.6 | 9.7 - 4.1 | 15.7 - 6.7 | |
| 38 | 6°24.5 | 6°25.6 | 6°07.0 | 3.8 - 1.6 | 9.8 - 4.2 | 15.8 - 6.7 | |
| 39 | 6°24.7 | 6°25.8 | 6°07.2 | 3.9 - 1.7 | 9.9 - 4.2 | 15.9 - 6.8 | |
| 40 | 6°25.0 | 6°26.1 | 6°07.5 | 4.0 - 1.7 | 10.0 - 4.3 | 16.0 - 6.8 | |
| 41 | 6°25.3 | 6°26.3 | 6°07.7 | 4.1 - 1.7 | 10.1 - 4.3 | 16.1 - 6.8 | |
| 42 | 6°25.5 | 6°26.6 | 6°07.9 | 4.2 - 1.8 | 10.2 - 4.3 | 16.2 - 6.9 | |
| 43 | 6°25.7 | 6°26.8 | 6°08.2 | 4.3 - 1.8 | 10.3 - 4.4 | 16.3 - 6.9 | |
| 44 | 6°26.0 | 6°27.1 | 6°08.4 | 4.4 - 1.9 | 10.4 - 4.4 | 16.4 - 7.0 | |
| 45 | 6°26.3 | 6°27.3 | 6°08.7 | 4.5 - 1.9 | 10.5 - 4.5 | 16.5 - 7.0 | |
| 46 | 6°26.5 | 6°27.6 | 6°08.9 | 4.6 - 2.0 | 10.6 - 4.5 | 16.6 - 7.1 | |
| 47 | 6°26.8 | 6°27.8 | 6°09.1 | 4.7 - 2.0 | 10.7 - 4.5 | 16.7 - 7.1 | |
| 48 | 6°27.0 | 6°28.1 | 6°09.4 | 4.8 - 2.0 | 10.8 - 4.6 | 16.8 - 7.1 | |
| 49 | 6°27.2 | 6°28.3 | 6°09.6 | 4.9 - 2.1 | 10.9 - 4.6 | 16.9 - 7.2 | |
| 50 | 6°27.5 | 6°28.6 | 6°09.8 | 5.0 - 2.1 | 11.0 - 4.7 | 17.0 - 7.2 | |
| 51 | 6°27.8 | 6°28.8 | 6°10.1 | 5.1 - 2.2 | 11.1 - 4.7 | 17.1 - 7.3 | |
| 52 | 6°28.0 | 6°29.1 | 6°10.3 | 5.2 - 2.2 | 11.2 - 4.8 | 17.2 - 7.3 | |
| 53 | 6°28.2 | 6°29.3 | 6°10.6 | 5.3 - 2.3 | 11.3 - 4.8 | 17.3 - 7.4 | |
| 54 | 6°28.5 | 6°29.6 | 6°10.8 | 5.4 - 2.3 | 11.4 - 4.8 | 17.4 - 7.4 | |
| 55 | 6°28.8 | 6°29.8 | 6°11.0 | 5.5 - 2.3 | 11.5 - 4.9 | 17.5 - 7.4 | |
| 56 | 6°29.0 | 6°30.1 | 6°11.3 | 5.6 - 2.4 | 11.6 - 4.9 | 17.6 - 7.5 | |
| 57 | 6°29.2 | 6°30.3 | 6°11.5 | 5.7 - 2.4 | 11.7 - 5.0 | 17.7 - 7.5 | |
| 58 | 6°29.5 | 6°30.6 | 6°11.8 | | | | |

Increments and Corrections

| ^m 27 | Sun Plan. | Aries | Moon | v and d corr | | | | ^m 28 | Sun Plan. | Aries | Moon | v and d corr | | | | ^m 29 | Sun Plan. | Aries | Moon | v and d corr | | | |
|--------------------|--------------|--------|--------|--------------|------------|------------|--|--------------------|--------------|--------|--------|--------------|------------|------------|--|--------------------|--------------|--------|--------|--------------|------------|------------|--|
| 0 | 6°45.0 | 6°46.1 | 6°26.5 | 0.0 - 0.0 | 6.0 - 2.8 | 12.0 - 5.5 | | 0 | 7°00.0 | 7°01.1 | 6°40.9 | 0.0 - 0.0 | 6.0 - 2.8 | 12.0 - 5.7 | | 0 | 7°15.0 | 7°16.2 | 6°55.2 | 0.0 - 0.0 | 6.0 - 2.9 | 12.0 - 5.9 | |
| 1 | 6°45.2 | 6°46.4 | 6°26.8 | 0.1 - 0.0 | 6.1 - 2.8 | 12.1 - 5.5 | | 1 | 7°00.2 | 7°01.4 | 6°41.1 | 0.1 - 0.0 | 6.1 - 2.9 | 12.1 - 5.7 | | 1 | 7°15.2 | 7°16.4 | 6°55.4 | 0.1 - 0.0 | 6.1 - 3.0 | 12.1 - 5.9 | |
| 2 | 6°45.5 | 6°46.6 | 6°27.0 | 0.2 - 0.1 | 6.2 - 2.8 | 12.2 - 5.6 | | 2 | 7°00.5 | 7°01.6 | 6°41.3 | 0.2 - 0.1 | 6.2 - 2.9 | 12.2 - 5.8 | | 2 | 7°15.5 | 7°16.7 | 6°55.7 | 0.2 - 0.1 | 6.2 - 3.0 | 12.2 - 6.0 | |
| 3 | 6°45.8 | 6°46.9 | 6°27.3 | 0.3 - 0.1 | 6.3 - 2.9 | 12.3 - 5.6 | | 3 | 7°00.8 | 7°01.9 | 6°41.6 | 0.3 - 0.1 | 6.3 - 3.0 | 12.3 - 5.8 | | 3 | 7°15.8 | 7°16.9 | 6°55.9 | 0.3 - 0.1 | 6.3 - 3.1 | 12.3 - 6.0 | |
| 4 | 6°46.0 | 6°47.1 | 6°27.5 | 0.4 - 0.2 | 6.4 - 2.9 | 12.4 - 5.7 | | 4 | 7°01.0 | 7°02.2 | 6°41.8 | 0.4 - 0.2 | 6.4 - 3.0 | 12.4 - 5.9 | | 4 | 7°16.0 | 7°17.2 | 6°56.1 | 0.4 - 0.2 | 6.4 - 3.1 | 12.4 - 6.1 | |
| 5 | 6°46.2 | 6°47.4 | 6°27.7 | 0.5 - 0.2 | 6.5 - 3.0 | 12.5 - 5.7 | | 5 | 7°01.2 | 7°02.4 | 6°42.1 | 0.5 - 0.2 | 6.5 - 3.1 | 12.5 - 5.9 | | 5 | 7°16.2 | 7°17.4 | 6°56.4 | 0.5 - 0.2 | 6.5 - 3.2 | 12.5 - 6.1 | |
| 6 | 6°46.5 | 6°47.6 | 6°28.0 | 0.6 - 0.3 | 6.6 - 3.0 | 12.6 - 5.8 | | 6 | 7°01.5 | 7°02.7 | 6°42.3 | 0.6 - 0.3 | 6.6 - 3.1 | 12.6 - 6.0 | | 6 | 7°16.5 | 7°17.7 | 6°56.6 | 0.6 - 0.3 | 6.6 - 3.2 | 12.6 - 6.2 | |
| 7 | 6°46.8 | 6°47.9 | 6°28.2 | 0.7 - 0.3 | 6.7 - 3.1 | 12.7 - 5.8 | | 7 | 7°01.8 | 7°02.9 | 6°42.5 | 0.7 - 0.3 | 6.7 - 3.2 | 12.7 - 6.0 | | 7 | 7°16.8 | 7°17.9 | 6°56.9 | 0.7 - 0.3 | 6.7 - 3.3 | 12.7 - 6.2 | |
| 8 | 6°47.0 | 6°48.1 | 6°28.5 | 0.8 - 0.4 | 6.8 - 3.1 | 12.8 - 5.9 | | 8 | 7°02.0 | 7°03.2 | 6°42.8 | 0.8 - 0.4 | 6.8 - 3.2 | 12.8 - 6.1 | | 8 | 7°17.0 | 7°18.2 | 6°57.1 | 0.8 - 0.4 | 6.8 - 3.3 | 12.8 - 6.3 | |
| 9 | 6°47.2 | 6°48.4 | 6°28.7 | 0.9 - 0.4 | 6.9 - 3.2 | 12.9 - 5.9 | | 9 | 7°02.2 | 7°03.4 | 6°43.0 | 0.9 - 0.4 | 6.9 - 3.3 | 12.9 - 6.1 | | 9 | 7°17.2 | 7°18.4 | 6°57.3 | 0.9 - 0.4 | 6.9 - 3.4 | 12.9 - 6.3 | |
| 10 | 6°47.5 | 6°48.6 | 6°28.9 | 1.0 - 0.5 | 7.0 - 3.2 | 13.0 - 6.0 | | 10 | 7°02.5 | 7°03.7 | 6°43.3 | 1.0 - 0.5 | 7.0 - 3.3 | 13.0 - 6.2 | | 10 | 7°17.5 | 7°18.7 | 6°57.6 | 1.0 - 0.5 | 7.0 - 3.4 | 13.0 - 6.4 | |
| 11 | 6°47.8 | 6°48.9 | 6°29.2 | 1.1 - 0.5 | 7.1 - 3.3 | 13.1 - 6.0 | | 11 | 7°02.8 | 7°03.9 | 6°43.5 | 1.1 - 0.5 | 7.1 - 3.4 | 13.1 - 6.2 | | 11 | 7°17.8 | 7°18.9 | 6°57.8 | 1.1 - 0.5 | 7.1 - 3.5 | 13.1 - 6.4 | |
| 12 | 6°48.0 | 6°49.1 | 6°29.4 | 1.2 - 0.6 | 7.2 - 3.3 | 13.2 - 6.0 | | 12 | 7°03.0 | 7°04.2 | 6°43.7 | 1.2 - 0.6 | 7.2 - 3.4 | 13.2 - 6.3 | | 12 | 7°18.0 | 7°19.2 | 6°58.0 | 1.2 - 0.6 | 7.2 - 3.5 | 13.2 - 6.5 | |
| 13 | 6°48.2 | 6°49.4 | 6°29.7 | 1.3 - 0.6 | 7.3 - 3.3 | 13.3 - 6.1 | | 13 | 7°03.2 | 7°04.4 | 6°44.0 | 1.3 - 0.6 | 7.3 - 3.5 | 13.3 - 6.3 | | 13 | 7°18.2 | 7°19.4 | 6°58.3 | 1.3 - 0.6 | 7.3 - 3.6 | 13.3 - 6.5 | |
| 14 | 6°48.5 | 6°49.6 | 6°29.9 | 1.4 - 0.6 | 7.4 - 3.4 | 13.4 - 6.1 | | 14 | 7°03.5 | 7°04.7 | 6°44.2 | 1.4 - 0.7 | 7.4 - 3.5 | 13.4 - 6.4 | | 14 | 7°18.5 | 7°19.7 | 6°58.5 | 1.4 - 0.7 | 7.4 - 3.6 | 13.4 - 6.6 | |
| 15 | 6°48.8 | 6°49.9 | 6°30.1 | 1.5 - 0.7 | 7.5 - 3.4 | 13.5 - 6.2 | | 15 | 7°03.8 | 7°04.9 | 6°44.4 | 1.5 - 0.7 | 7.5 - 3.6 | 13.5 - 6.4 | | 15 | 7°18.8 | 7°19.9 | 6°58.8 | 1.5 - 0.7 | 7.5 - 3.7 | 13.5 - 6.6 | |
| 16 | 6°49.0 | 6°50.1 | 6°30.4 | 1.6 - 0.7 | 7.6 - 3.5 | 13.6 - 6.2 | | 16 | 7°04.0 | 7°05.2 | 6°44.7 | 1.6 - 0.8 | 7.6 - 3.6 | 13.6 - 6.5 | | 16 | 7°19.0 | 7°20.2 | 6°59.0 | 1.6 - 0.8 | 7.6 - 3.7 | 13.6 - 6.7 | |
| 17 | 6°49.3 | 6°50.4 | 6°30.6 | 1.7 - 0.8 | 7.7 - 3.5 | 13.7 - 6.3 | | 17 | 7°04.3 | 7°05.4 | 6°44.9 | 1.7 - 0.8 | 7.7 - 3.7 | 13.7 - 6.5 | | 17 | 7°19.3 | 7°20.5 | 6°59.2 | 1.7 - 0.8 | 7.7 - 3.8 | 13.7 - 6.7 | |
| 18 | 6°49.5 | 6°50.6 | 6°30.8 | 1.8 - 0.8 | 7.8 - 3.6 | 13.8 - 6.3 | | 18 | 7°04.5 | 7°05.7 | 6°45.2 | 1.8 - 0.9 | 7.8 - 3.7 | 13.8 - 6.6 | | 18 | 7°19.5 | 7°20.7 | 6°59.5 | 1.8 - 0.9 | 7.8 - 3.8 | 13.8 - 6.8 | |
| 19 | 6°49.8 | 6°50.9 | 6°31.1 | 1.9 - 0.9 | 7.9 - 3.6 | 13.9 - 6.4 | | 19 | 7°04.7 | 7°05.9 | 6°45.4 | 1.9 - 0.9 | 7.9 - 3.8 | 13.9 - 6.6 | | 19 | 7°19.7 | 7°21.0 | 6°59.7 | 1.9 - 0.9 | 7.9 - 3.9 | 13.9 - 6.8 | |
| 20 | 6°50.0 | 6°51.1 | 6°31.3 | 2.0 - 0.9 | 8.0 - 3.7 | 14.0 - 6.4 | | 20 | 7°05.0 | 7°06.2 | 6°45.6 | 2.0 - 0.9 | 8.0 - 3.8 | 14.0 - 6.6 | | 20 | 7°20.0 | 7°21.2 | 7°00.0 | 2.0 - 1.0 | 8.0 - 3.9 | 14.0 - 6.9 | |
| 21 | 6°50.3 | 6°51.4 | 6°31.6 | 2.1 - 1.0 | 8.1 - 3.7 | 14.1 - 6.5 | | 21 | 7°05.3 | 7°06.4 | 6°45.9 | 2.1 - 1.0 | 8.1 - 3.8 | 14.1 - 6.7 | | 21 | 7°20.3 | 7°21.5 | 7°00.2 | 2.1 - 1.0 | 8.1 - 4.0 | 14.1 - 6.9 | |
| 22 | 6°50.5 | 6°51.6 | 6°31.8 | 2.2 - 1.0 | 8.2 - 3.8 | 14.2 - 6.5 | | 22 | 7°05.5 | 7°06.7 | 6°46.1 | 2.2 - 1.0 | 8.2 - 3.9 | 14.2 - 6.7 | | 22 | 7°20.5 | 7°21.7 | 7°00.4 | 2.2 - 1.1 | 8.2 - 4.0 | 14.2 - 7.0 | |
| 23 | 6°50.7 | 6°51.9 | 6°32.0 | 2.3 - 1.1 | 8.3 - 3.8 | 14.3 - 6.6 | | 23 | 7°05.7 | 7°06.9 | 6°46.4 | 2.3 - 1.1 | 8.3 - 3.9 | 14.3 - 6.8 | | 23 | 7°20.7 | 7°22.0 | 7°00.7 | 2.3 - 1.1 | 8.3 - 4.1 | 14.3 - 7.0 | |
| 24 | 6°51.0 | 6°52.1 | 6°32.3 | 2.4 - 1.1 | 8.4 - 3.9 | 14.4 - 6.6 | | 24 | 7°06.0 | 7°07.2 | 6°46.6 | 2.4 - 1.1 | 8.4 - 4.0 | 14.4 - 6.8 | | 24 | 7°21.0 | 7°22.2 | 7°00.9 | 2.4 - 1.2 | 8.4 - 4.1 | 14.4 - 7.1 | |
| 25 | 6°51.3 | 6°52.4 | 6°32.5 | 2.5 - 1.1 | 8.5 - 3.9 | 14.5 - 6.6 | | 25 | 7°06.3 | 7°07.4 | 6°46.8 | 2.5 - 1.2 | 8.5 - 4.0 | 14.5 - 6.9 | | 25 | 7°21.3 | 7°22.5 | 7°01.1 | 2.5 - 1.2 | 8.5 - 4.2 | 14.5 - 7.1 | |
| 26 | 6°51.5 | 6°52.6 | 6°32.8 | 2.6 - 1.2 | 8.6 - 3.9 | 14.6 - 6.7 | | 26 | 7°06.5 | 7°07.7 | 6°47.1 | 2.6 - 1.2 | 8.6 - 4.1 | 14.6 - 6.9 | | 26 | 7°21.5 | 7°22.7 | 7°01.4 | 2.6 - 1.3 | 8.6 - 4.2 | 14.6 - 7.2 | |
| 27 | 6°51.7 | 6°52.9 | 6°33.0 | 2.7 - 1.2 | 8.7 - 4.0 | 14.7 - 6.7 | | 27 | 7°06.7 | 7°07.9 | 6°47.3 | 2.7 - 1.3 | 8.7 - 4.1 | 14.7 - 7.0 | | 27 | 7°21.7 | 7°23.0 | 7°01.6 | 2.7 - 1.3 | 8.7 - 4.3 | 14.7 - 7.2 | |
| 28 | 6°52.0 | 6°53.1 | 6°33.2 | 2.8 - 1.3 | 8.8 - 4.0 | 14.8 - 6.8 | | 28 | 7°07.0 | 7°08.2 | 6°47.5 | 2.8 - 1.3 | 8.8 - 4.2 | 14.8 - 7.0 | | 28 | 7°22.0 | 7°23.2 | 7°01.9 | 2.8 - 1.4 | 8.8 - 4.3 | 14.8 - 7.3 | |
| 29 | 6°52.3 | 6°53.4 | 6°33.5 | 2.9 - 1.3 | 8.9 - 4.1 | 14.9 - 6.8 | | 29 | 7°07.3 | 7°08.4 | 6°47.8 | 2.9 - 1.4 | 8.9 - 4.2 | 14.9 - 7.1 | | 29 | 7°22.3 | 7°23.5 | 7°02.1 | 2.9 - 1.4 | 8.9 - 4.4 | 14.9 - 7.3 | |
| 30 | 6°52.5 | 6°53.6 | 6°33.7 | 3.0 - 1.4 | 9.0 - 4.1 | 15.0 - 6.9 | | 30 | 7°07.5 | 7°08.7 | 6°48.0 | 3.0 - 1.4 | 9.0 - 4.3 | 15.0 - 7.1 | | 30 | 7°22.5 | 7°23.7 | 7°02.3 | 3.0 - 1.5 | 9.0 - 4.4 | 15.0 - 7.4 | |
| 31 | 6°52.7 | 6°53.9 | 6°33.9 | 3.1 - 1.4 | 9.1 - 4.2 | 15.1 - 6.9 | | 31 | 7°07.7 | 7°08.9 | 6°48.3 | 3.1 - 1.5 | 9.1 - 4.3 | 15.1 - 7.2 | | 31 | 7°22.7 | 7°24.0 | 7°02.6 | 3.1 - 1.5 | 9.1 - 4.5 | 15.1 - 7.4 | |
| 32 | 6°53.0 | 6°54.1 | 6°34.2 | 3.2 - 1.5 | 9.2 - 4.2 | 15.2 - 7.0 | | 32 | 7°08.0 | 7°09.2 | 6°48.5 | 3.2 - 1.5 | 9.2 - 4.4 | 15.2 - 7.2 | | 32 | 7°23.0 | 7°24.2 | 7°02.8 | 3.2 - 1.6 | 9.2 - 4.5 | 15.2 - 7.5 | |
| 33 | 6°53.3 | 6°54.4 | 6°34.4 | 3.3 - 1.5 | 9.3 - 4.3 | 15.3 - 7.0 | | 33 | 7°08.3 | 7°09.4 | 6°48.7 | 3.3 - 1.6 | 9.3 - 4.4 | 15.3 - 7.3 | | 33 | 7°23.3 | 7°24.5 | 7°03.1 | 3.3 - 1.6 | 9.3 - 4.6 | 15.3 - 7.5 | |
| 34 | 6°53.5 | 6°54.6 | 6°34.7 | 3.4 - 1.6 | 9.4 - 4.3 | 15.4 - 7.1 | | 34 | 7°08.5 | 7°09.7 | 6°49.0 | 3.4 - 1.6 | 9.4 - 4.5 | 15.4 - 7.3 | | 34 | 7°23.5 | 7°24.7 | 7°03.3 | 3.4 - 1.7 | 9.4 - 4.6 | 15.4 - 7.6 | |
| 35 | 6°53.7 | 6°54.9 | 6°34.9 | 3.5 - 1.6 | 9.5 - 4.4 | 15.5 - 7.1 | | 35 | 7°08.7 | 7°09.9 | 6°49.2 | 3.5 - 1.7 | 9.5 - 4.5 | 15.5 - 7.4 | | 35 | 7°23.7 | 7°25.0 | 7°03.5 | 3.5 - 1.7 | 9.5 - 4.7 | 15.5 - 7.6 | |
| 36 | 6°54.0 | 6°55.1 | 6°35.1 | 3.6 - 1.6 | 9.6 - 4.4 | 15.6 - 7.1 | | 36 | 7°09.0 | 7°10.2 | 6°49.5 | 3.6 - 1.7 | 9.6 - 4.6 | 15.6 - 7.4 | | 36 | 7°24.0 | 7°25.2 | 7°03.8 | 3.6 - 1.8 | 9.6 - 4.7 | 15.6 - 7.7 | |
| 37 | 6°54.3 | 6°55.4 | 6°35.4 | 3.7 - 1.7 | 9.7 - 4.4 | 15.7 - 7.2 | | 37 | 7°09.3 | 7°10.4 | 6°49.7 | 3.7 - 1.8 | 9.7 - 4.6 | 15.7 - 7.5 | | 37 | 7°24.3 | 7°25.7 | 7°04.0 | 3.7 - 1.8 | 9.7 - 4.8 | 15.7 - 7.7 | |
| 38 | 6°54.5 | 6°55.6 | 6°35.6 | 3.8 - 1.7 | 9.8 - 4.5 | 15.8 - 7.2 | | 38 | 7°09.5 | 7°10.7 | 6°49.9 | 3.8 - 1.8 | 9.8 - 4.7 | 15.8 - 7.5 | | 38 | 7°24.5 | 7°25.7 | 7°04.3 | 3.8 - 1.9 | 9.8 - 4.8 | 15.8 - 7.8 | |
| 39 | 6°54.7 | 6°55.9 | 6°35.9 | 3.9 - 1.8 | 9.9 - 4.5 | 15.9 - 7.3 | | 39 | 7°09.7 | 7°10.9 | 6°50.2 | 3.9 - 1.9 | 9.9 - 4.7 | 15.9 - 7.6 | | 39 | 7°24.7 | 7°26.0 | 7°04.5 | 3.9 - 1.9 | 9.9 - 4.9 | 15.9 - 7.8 | |
| 40 | 6°55.0 | 6°56.1 | 6°36.1 | 4.0 - 1.8 | 10.0 - 4.6 | 16.0 - 7.3 | | 40 | 7°10.0 | 7°11.2 | 6°50.4 | 4.0 - 1.9 | 10.0 - 4.8 | 16.0 - 7.6 | | 40 | 7°25.0 | 7°26.2 | 7°04.7 | 4.0 - 2.0 | 10.0 - 4.9 | 16.0 - 7.9 | |
| 41 | 6°55.3 | 6°56.4 | 6°36.3 | 4.1 - 1.9 | 10.1 - 4.6 | 16.1 - 7.4 | | 41 | 7°10.3 | 7°11.4 | 6°50.6 | 4.1 - 1.9 | 10.1 - 4.8 | 16.1 - 7.6 | | 41 | 7°25.3 | 7°26.5 | 7°05.0 | 4.1 - | | | |

Increments and Corrections

| m 30 | Sun Plan. | Aries | Moon | v and d corr | m 31 | Sun Plan. | Aries | Moon | v and d corr | m 32 | Sun Plan. | Aries | Moon | v and d corr |
|---------|--------------|--------|--------|---------------------------------------|---------|--------------|--------|--------|---------------------------------------|---------|--------------|--------|--------|---------------------------------------|
| 0 | 7°30.0 | 7°31.2 | 7°09.5 | 0.0 - 0.0 6.0 - 3.0 12.0 - 6.1 | 0 | 7°45.0 | 7°46.3 | 7°23.8 | 0.0 - 0.0 6.0 - 3.2 12.0 - 6.3 | 0 | 8°00.0 | 8°01.3 | 7°38.1 | 0.0 - 0.0 6.0 - 3.3 12.0 - 6.5 |
| 1 | 7°30.2 | 7°31.5 | 7°09.7 | 0.1 - 0.1 6.1 - 3.1 12.1 - 6.2 | 1 | 7°45.2 | 7°46.5 | 7°24.1 | 0.1 - 0.1 6.1 - 3.2 12.1 - 6.4 | 1 | 8°00.2 | 8°01.6 | 7°38.4 | 0.1 - 0.1 6.1 - 3.3 12.1 - 6.6 |
| 2 | 7°30.5 | 7°31.7 | 7°10.0 | 0.2 - 0.1 6.2 - 3.2 12.2 - 6.2 | 2 | 7°45.5 | 7°46.8 | 7°24.3 | 0.2 - 0.1 6.2 - 3.3 12.2 - 6.4 | 2 | 8°00.5 | 8°01.8 | 7°38.6 | 0.2 - 0.1 6.2 - 3.4 12.2 - 6.6 |
| 3 | 7°30.8 | 7°32.0 | 7°10.2 | 0.3 - 0.2 6.3 - 3.2 12.3 - 6.3 | 3 | 7°45.7 | 7°47.0 | 7°24.5 | 0.3 - 0.2 6.3 - 3.3 12.3 - 6.5 | 3 | 8°00.7 | 8°02.1 | 7°38.8 | 0.3 - 0.2 6.3 - 3.4 12.3 - 6.7 |
| 4 | 7°31.0 | 7°32.2 | 7°10.5 | 0.4 - 0.2 6.4 - 3.3 12.4 - 6.3 | 4 | 7°46.0 | 7°47.3 | 7°24.8 | 0.4 - 0.2 6.4 - 3.4 12.4 - 6.5 | 4 | 8°01.0 | 8°02.3 | 7°39.1 | 0.4 - 0.2 6.4 - 3.5 12.4 - 6.7 |
| 5 | 7°31.2 | 7°32.5 | 7°10.7 | 0.5 - 0.3 6.5 - 3.3 12.5 - 6.4 | 5 | 7°46.2 | 7°47.5 | 7°25.0 | 0.5 - 0.3 6.5 - 3.4 12.5 - 6.6 | 5 | 8°01.3 | 8°02.6 | 7°39.3 | 0.5 - 0.3 6.5 - 3.5 12.5 - 6.8 |
| 6 | 7°31.5 | 7°32.7 | 7°10.9 | 0.6 - 0.3 6.6 - 3.4 12.6 - 6.4 | 6 | 7°46.5 | 7°47.8 | 7°25.2 | 0.6 - 0.3 6.6 - 3.5 12.6 - 6.6 | 6 | 8°01.5 | 8°02.8 | 7°39.6 | 0.6 - 0.3 6.6 - 3.6 12.6 - 6.8 |
| 7 | 7°31.7 | 7°33.0 | 7°11.2 | 0.7 - 0.4 6.7 - 3.4 12.7 - 6.5 | 7 | 7°46.8 | 7°48.0 | 7°25.5 | 0.7 - 0.4 6.7 - 3.5 12.7 - 6.7 | 7 | 8°01.8 | 8°03.1 | 7°39.8 | 0.7 - 0.4 6.7 - 3.6 12.7 - 6.9 |
| 8 | 7°32.0 | 7°33.2 | 7°11.4 | 0.8 - 0.4 6.8 - 3.5 12.8 - 6.5 | 8 | 7°47.0 | 7°48.3 | 7°25.7 | 0.8 - 0.4 6.8 - 3.6 12.8 - 6.7 | 8 | 8°02.0 | 8°03.3 | 7°40.0 | 0.8 - 0.4 6.8 - 3.7 12.8 - 6.9 |
| 9 | 7°32.2 | 7°33.5 | 7°11.6 | 0.9 - 0.5 6.9 - 3.5 12.9 - 6.6 | 9 | 7°47.2 | 7°48.5 | 7°26.0 | 0.9 - 0.5 6.9 - 3.6 12.9 - 6.8 | 9 | 8°02.2 | 8°03.6 | 7°40.3 | 0.9 - 0.5 6.9 - 3.7 12.9 - 7.0 |
| 10 | 7°32.5 | 7°33.7 | 7°11.9 | 1.0 - 0.5 7.0 - 3.6 13.0 - 6.6 | 10 | 7°47.5 | 7°48.8 | 7°26.2 | 1.0 - 0.5 7.0 - 3.7 13.0 - 6.8 | 10 | 8°02.5 | 8°03.8 | 7°40.5 | 1.0 - 0.5 7.0 - 3.8 13.0 - 7.0 |
| 11 | 7°32.8 | 7°34.0 | 7°12.1 | 1.1 - 0.6 7.1 - 3.6 13.1 - 6.7 | 11 | 7°47.7 | 7°49.0 | 7°26.4 | 1.1 - 0.6 7.1 - 3.7 13.1 - 6.9 | 11 | 8°02.7 | 8°04.1 | 7°40.8 | 1.1 - 0.6 7.1 - 3.8 13.1 - 7.1 |
| 12 | 7°33.0 | 7°34.2 | 7°12.4 | 1.2 - 0.6 7.2 - 3.7 13.2 - 6.7 | 12 | 7°48.0 | 7°49.3 | 7°26.7 | 1.2 - 0.6 7.2 - 3.8 13.2 - 6.9 | 12 | 8°03.0 | 8°04.3 | 7°41.0 | 1.2 - 0.7 7.2 - 3.9 13.2 - 7.1 |
| 13 | 7°33.3 | 7°34.5 | 7°12.6 | 1.3 - 0.7 7.3 - 3.7 13.3 - 6.8 | 13 | 7°48.2 | 7°49.5 | 7°26.9 | 1.3 - 0.7 7.3 - 3.8 13.3 - 7.0 | 13 | 8°03.3 | 8°04.6 | 7°41.2 | 1.3 - 0.7 7.3 - 4.0 13.3 - 7.2 |
| 14 | 7°33.5 | 7°34.7 | 7°12.8 | 1.4 - 0.7 7.4 - 3.8 13.4 - 6.8 | 14 | 7°48.5 | 7°49.8 | 7°27.2 | 1.4 - 0.7 7.4 - 3.9 13.4 - 7.0 | 14 | 8°03.5 | 8°04.8 | 7°41.5 | 1.4 - 0.8 7.4 - 4.0 13.4 - 7.3 |
| 15 | 7°33.8 | 7°35.0 | 7°13.1 | 1.5 - 0.8 7.5 - 3.8 13.5 - 6.9 | 15 | 7°48.8 | 7°50.0 | 7°27.4 | 1.5 - 0.8 7.5 - 3.9 13.5 - 7.1 | 15 | 8°03.8 | 8°05.1 | 7°41.7 | 1.5 - 0.8 7.5 - 4.1 13.5 - 7.3 |
| 16 | 7°34.0 | 7°35.2 | 7°13.3 | 1.6 - 0.8 7.6 - 3.9 13.6 - 6.9 | 16 | 7°49.0 | 7°50.3 | 7°27.6 | 1.6 - 0.8 7.6 - 4.0 13.6 - 7.1 | 16 | 8°04.0 | 8°05.3 | 7°42.0 | 1.6 - 0.9 7.6 - 4.1 13.6 - 7.4 |
| 17 | 7°34.3 | 7°35.5 | 7°13.6 | 1.7 - 0.9 7.7 - 3.9 13.7 - 7.0 | 17 | 7°49.3 | 7°50.5 | 7°27.9 | 1.7 - 0.9 7.7 - 4.0 13.7 - 7.2 | 17 | 8°04.2 | 8°05.6 | 7°42.2 | 1.7 - 0.9 7.7 - 4.2 13.7 - 7.4 |
| 18 | 7°34.5 | 7°35.7 | 7°13.8 | 1.8 - 0.9 7.8 - 4.0 13.8 - 7.0 | 18 | 7°49.5 | 7°50.8 | 7°28.1 | 1.8 - 0.9 7.8 - 4.1 13.8 - 7.2 | 18 | 8°04.5 | 8°05.8 | 7°42.4 | 1.8 - 1.0 7.8 - 4.2 13.8 - 7.5 |
| 19 | 7°34.8 | 7°36.0 | 7°14.0 | 1.9 - 1.0 7.9 - 4.0 13.9 - 7.1 | 19 | 7°49.8 | 7°51.0 | 7°28.4 | 1.9 - 1.0 7.9 - 4.1 13.9 - 7.3 | 19 | 8°04.8 | 8°06.1 | 7°42.7 | 1.9 - 1.0 7.9 - 4.3 13.9 - 7.5 |
| 20 | 7°35.0 | 7°36.2 | 7°14.3 | 2.0 - 1.0 8.0 - 4.1 14.0 - 7.1 | 20 | 7°50.0 | 7°51.3 | 7°28.6 | 2.0 - 1.1 8.0 - 4.2 14.0 - 7.4 | 20 | 8°05.0 | 8°06.3 | 7°42.9 | 2.0 - 1.1 8.0 - 4.3 14.0 - 7.6 |
| 21 | 7°35.3 | 7°36.5 | 7°14.5 | 2.1 - 1.1 8.1 - 4.1 14.1 - 7.2 | 21 | 7°50.3 | 7°51.5 | 7°28.8 | 2.1 - 1.1 8.1 - 4.3 14.1 - 7.4 | 21 | 8°05.3 | 8°06.6 | 7°43.1 | 2.1 - 1.1 8.1 - 4.4 14.1 - 7.6 |
| 22 | 7°35.5 | 7°36.7 | 7°14.7 | 2.2 - 1.1 8.2 - 4.2 14.2 - 7.2 | 22 | 7°50.5 | 7°51.8 | 7°29.1 | 2.2 - 1.2 8.2 - 4.3 14.2 - 7.5 | 22 | 8°05.5 | 8°06.8 | 7°43.4 | 2.2 - 1.2 8.2 - 4.4 14.2 - 7.7 |
| 23 | 7°35.7 | 7°37.0 | 7°15.0 | 2.3 - 1.2 8.3 - 4.2 14.3 - 7.3 | 23 | 7°50.7 | 7°52.0 | 7°29.3 | 2.3 - 1.2 8.3 - 4.4 14.3 - 7.5 | 23 | 8°05.7 | 8°07.1 | 7°43.6 | 2.3 - 1.2 8.3 - 4.5 14.3 - 7.7 |
| 24 | 7°36.0 | 7°37.2 | 7°15.2 | 2.4 - 1.2 8.4 - 4.3 14.4 - 7.3 | 24 | 7°51.0 | 7°52.3 | 7°29.5 | 2.4 - 1.3 8.4 - 4.4 14.4 - 7.6 | 24 | 8°06.0 | 8°07.3 | 7°43.9 | 2.4 - 1.3 8.4 - 4.5 14.4 - 7.8 |
| 25 | 7°36.2 | 7°37.5 | 7°15.5 | 2.5 - 1.3 8.5 - 4.3 14.5 - 7.4 | 25 | 7°51.3 | 7°52.5 | 7°29.8 | 2.5 - 1.3 8.5 - 4.5 14.5 - 7.6 | 25 | 8°06.2 | 8°07.6 | 7°44.1 | 2.5 - 1.4 8.5 - 4.6 14.5 - 7.9 |
| 26 | 7°36.5 | 7°37.7 | 7°15.7 | 2.6 - 1.3 8.6 - 4.4 14.6 - 7.4 | 26 | 7°51.5 | 7°52.8 | 7°30.0 | 2.6 - 1.4 8.6 - 4.5 14.6 - 7.7 | 26 | 8°06.5 | 8°07.8 | 7°44.3 | 2.6 - 1.4 8.6 - 4.7 14.6 - 7.9 |
| 27 | 7°36.7 | 7°38.0 | 7°15.9 | 2.7 - 1.4 8.7 - 4.4 14.7 - 7.5 | 27 | 7°51.7 | 7°53.0 | 7°30.3 | 2.7 - 1.4 8.7 - 4.6 14.7 - 7.7 | 27 | 8°06.8 | 8°08.1 | 7°44.6 | 2.7 - 1.5 8.7 - 4.7 14.7 - 8.0 |
| 28 | 7°37.0 | 7°38.2 | 7°16.2 | 2.8 - 1.4 8.8 - 4.5 14.8 - 7.5 | 28 | 7°52.0 | 7°53.3 | 7°30.5 | 2.8 - 1.5 8.8 - 4.6 14.8 - 7.8 | 28 | 8°07.0 | 8°08.3 | 7°44.8 | 2.8 - 1.5 8.8 - 4.8 14.8 - 8.0 |
| 29 | 7°37.3 | 7°38.5 | 7°16.4 | 2.9 - 1.5 8.9 - 4.5 14.9 - 7.6 | 29 | 7°52.2 | 7°53.5 | 7°30.7 | 2.9 - 1.5 8.9 - 4.7 14.9 - 7.8 | 29 | 8°07.3 | 8°08.6 | 7°45.1 | 2.9 - 1.6 8.9 - 4.8 14.9 - 8.1 |
| 30 | 7°37.5 | 7°38.8 | 7°16.7 | 3.0 - 1.5 9.0 - 4.6 15.0 - 7.6 | 30 | 7°52.5 | 7°53.8 | 7°31.0 | 3.0 - 1.6 9.0 - 4.7 15.0 - 7.9 | 30 | 8°07.5 | 8°08.8 | 7°45.3 | 3.0 - 1.6 9.0 - 4.9 15.0 - 8.1 |
| 31 | 7°37.7 | 7°39.0 | 7°16.9 | 3.1 - 1.6 9.1 - 4.6 15.1 - 7.7 | 31 | 7°52.7 | 7°54.0 | 7°31.2 | 3.1 - 1.6 9.1 - 4.8 15.1 - 7.9 | 31 | 8°07.7 | 8°09.1 | 7°45.5 | 3.1 - 1.7 9.1 - 4.9 15.1 - 8.2 |
| 32 | 7°38.0 | 7°39.3 | 7°17.1 | 3.2 - 1.6 9.2 - 4.7 15.2 - 7.7 | 32 | 7°53.0 | 7°54.3 | 7°31.5 | 3.2 - 1.7 9.2 - 4.8 15.2 - 8.0 | 32 | 8°08.0 | 8°09.3 | 7°45.8 | 3.2 - 1.7 9.2 - 5.0 15.2 - 8.2 |
| 33 | 7°38.3 | 7°39.5 | 7°17.4 | 3.3 - 1.7 9.3 - 4.7 15.3 - 7.8 | 33 | 7°53.3 | 7°54.5 | 7°31.7 | 3.3 - 1.7 9.3 - 4.9 15.3 - 8.0 | 33 | 8°08.2 | 8°09.6 | 7°46.0 | 3.3 - 1.8 9.3 - 5.0 15.3 - 8.3 |
| 34 | 7°38.5 | 7°39.8 | 7°17.6 | 3.4 - 1.7 9.4 - 4.8 15.4 - 7.8 | 34 | 7°53.5 | 7°54.8 | 7°31.9 | 3.4 - 1.8 9.4 - 4.9 15.4 - 8.1 | 34 | 8°08.5 | 8°09.8 | 7°46.2 | 3.4 - 1.8 9.4 - 5.1 15.4 - 8.3 |
| 35 | 7°38.7 | 7°40.0 | 7°17.9 | 3.5 - 1.8 9.5 - 4.8 15.5 - 7.9 | 35 | 7°53.8 | 7°55.0 | 7°32.2 | 3.5 - 1.8 9.5 - 5.0 15.5 - 8.1 | 35 | 8°08.8 | 8°10.1 | 7°46.5 | 3.5 - 1.9 9.5 - 5.1 15.5 - 8.4 |
| 36 | 7°39.0 | 7°40.3 | 7°18.1 | 3.6 - 1.8 9.6 - 4.9 15.6 - 7.9 | 36 | 7°54.0 | 7°55.3 | 7°32.4 | 3.6 - 1.9 9.6 - 5.0 15.6 - 8.2 | 36 | 8°09.0 | 8°10.3 | 7°46.7 | 3.6 - 1.9 9.6 - 5.2 15.6 - 8.4 |
| 37 | 7°39.3 | 7°40.5 | 7°18.3 | 3.7 - 1.9 9.7 - 4.9 15.7 - 8.0 | 37 | 7°54.3 | 7°55.5 | 7°32.6 | 3.7 - 1.9 9.7 - 5.1 15.7 - 8.2 | 37 | 8°09.3 | 8°10.6 | 7°47.0 | 3.7 - 2.0 9.7 - 5.3 15.7 - 8.5 |
| 38 | 7°39.5 | 7°40.8 | 7°18.6 | 3.8 - 1.9 9.8 - 5.0 15.8 - 8.0 | 38 | 7°54.5 | 7°55.8 | 7°32.9 | 3.8 - 2.0 9.8 - 5.1 15.8 - 8.3 | 38 | 8°09.5 | 8°10.8 | 7°47.2 | 3.8 - 2.1 9.8 - 5.3 15.8 - 8.6 |
| 39 | 7°39.8 | 7°41.0 | 7°18.8 | 3.9 - 2.0 9.9 - 5.0 15.9 - 8.1 | 39 | 7°54.7 | 7°56.0 | 7°33.1 | 3.9 - 2.0 9.9 - 5.2 15.9 - 8.3 | 39 | 8°09.7 | 8°11.1 | 7°47.4 | 3.9 - 2.1 9.9 - 5.4 15.9 - 8.6 |
| 40 | 7°40.0 | 7°41.3 | 7°19.0 | 4.0 - 2.0 10.0 - 5.1 16.0 - 8.1 | 40 | 7°55.0 | 7°56.3 | 7°33.4 | 4.0 - 2.1 10.0 - 5.3 16.0 - 8.4 | 40 | 8°10.0 | 8°11.3 | 7°47.7 | 4.0 - 2.2 10.0 - 5.4 16.0 - 8.7 |
| 41 | 7°40.3 | 7°41.5 | 7°19.3 | 4.1 - 2.1 10.1 - 5.1 16.1 - 8.2 | 41 | 7°55.3 | 7°56.5 | 7°33.6 | 4.1 - 2.2 10.1 - 5.3 16.1 - 8.5 | 41 | 8°10.2 | 8°11.6 | 7°47.9 | 4.1 - 2.2 10.1 - 5.5 16.1 - 8.7 |
| 42 | 7°40.5 | 7°41.8 | 7°19.5 | 4.2 - 2.1 10.2 - 5.2 16.2 - 8.2 | 42 | 7°55.5 | 7°56.8 | 7°33.8 | 4.2 - 2.2 10.2 - 5.4 16.2 - 8.5 | 42 | 8°10.5 | 8°11.8 | 7°48.2 | 4.2 - 2.3 10.2 - 5.5 16.2 - 8.8 |
| 43 | 7°40.7 | 7°42.0 | 7°19.8 | 4.3 - 2.2 10.3 - 5.2 16.3 - 8.3 | 43 | 7°55.7 | 7°57.1 | 7°34.1 | 4.3 - 2.3 10.3 - 5.4 16.3 - 8.6 | 43 | 8°10.8 | 8°12.1 | 7°48.4 | 4.3 - 2.3 10.3 - 5.6 16.3 - 8.8 |
| 44 | 7°41.0 | 7°42.3 | 7°20.0 | 4.4 - 2.2 10.4 - 5.3 16.4 - 8.3 | 44 | 7°56.0 | 7°57.3 | 7°34.3 | 4.4 - 2.3 10.4 - 5.5 16.4 - 8.6 | 44 | 8°11.0 | 8°12.3 | 7°48.6 | 4.4 - 2.4 10.4 - 5.6 16.4 - 8.9 |
| 45 | 7°41.2 | 7°42.5 | 7°20.2 | 4.5 - 2.3 10.5 - 5.3 16.5 - 8.4 | 45 | 7°56.3 | 7°57.6 | 7°34.6 | 4.5 - 2.4 10.5 - 5.5 16.5 - 8.7 | 45 | 8°11.3 | 8°12.6 | 7°48.9 | 4.5 - 2.4 10.5 - 5.7 16.5 - 8.9 |
| 46 | | | | | | | | | | | | | | |

Increments and Corrections

| m 33 | Sun Plan. | Aries | Moon | v and d corr | m 34 | Sun Plan. | Aries | Moon | v and d corr | m 35 | Sun Plan. | Aries | Moon | v and d corr |
|---------|--------------|--------|--------|---------------------------------------|---------|--------------|--------|--------|---------------------------------------|---------|--------------|--------|--------|---------------------------------------|
| 0 | 8°15.0 | 8°16.4 | 7°52.5 | 0.0 - 0.0 6.0 - 3.4 12.0 - 6.7 | 0 | 8°30.0 | 8°31.4 | 8°06.8 | 0.0 - 0.0 6.0 - 3.4 12.0 - 6.9 | 0 | 8°45.0 | 8°46.4 | 8°21.1 | 0.0 - 0.0 6.0 - 3.5 12.0 - 7.1 |
| 1 | 8°15.2 | 8°16.6 | 7°52.7 | 0.1 - 0.1 6.1 - 3.4 12.1 - 6.8 | 1 | 8°30.2 | 8°31.6 | 8°07.0 | 0.1 - 0.1 6.1 - 3.5 12.1 - 7.0 | 1 | 8°45.2 | 8°46.7 | 8°21.3 | 0.1 - 0.1 6.1 - 3.6 12.1 - 7.2 |
| 2 | 8°15.5 | 8°16.9 | 7°52.9 | 0.2 - 0.1 6.2 - 3.5 12.2 - 6.8 | 2 | 8°30.5 | 8°31.9 | 8°07.2 | 0.2 - 0.1 6.2 - 3.6 12.2 - 7.0 | 2 | 8°45.5 | 8°46.9 | 8°21.6 | 0.2 - 0.1 6.2 - 3.7 12.2 - 7.2 |
| 3 | 8°15.7 | 8°17.1 | 7°53.2 | 0.3 - 0.2 6.3 - 3.5 12.3 - 6.9 | 3 | 8°30.7 | 8°32.1 | 8°07.5 | 0.3 - 0.2 6.3 - 3.6 12.3 - 7.1 | 3 | 8°45.7 | 8°47.2 | 8°21.8 | 0.3 - 0.2 6.3 - 3.7 12.3 - 7.3 |
| 4 | 8°16.0 | 8°17.4 | 7°53.4 | 0.4 - 0.2 6.4 - 3.6 12.4 - 6.9 | 4 | 8°31.0 | 8°32.4 | 8°07.7 | 0.4 - 0.2 6.4 - 3.7 12.4 - 7.1 | 4 | 8°46.0 | 8°47.4 | 8°22.0 | 0.4 - 0.2 6.4 - 3.8 12.4 - 7.3 |
| 5 | 8°16.3 | 8°17.6 | 7°53.6 | 0.5 - 0.3 6.5 - 3.6 12.5 - 7.0 | 5 | 8°31.3 | 8°32.6 | 8°08.0 | 0.5 - 0.3 6.5 - 3.7 12.5 - 7.2 | 5 | 8°46.3 | 8°47.7 | 8°22.3 | 0.5 - 0.3 6.5 - 3.8 12.5 - 7.4 |
| 6 | 8°16.5 | 8°17.9 | 7°53.9 | 0.6 - 0.3 6.6 - 3.7 12.6 - 7.0 | 6 | 8°31.5 | 8°32.9 | 8°08.2 | 0.6 - 0.3 6.6 - 3.8 12.6 - 7.2 | 6 | 8°46.5 | 8°47.9 | 8°22.5 | 0.6 - 0.4 6.6 - 3.9 12.6 - 7.5 |
| 7 | 8°16.8 | 8°18.1 | 7°54.1 | 0.7 - 0.4 6.7 - 3.7 12.7 - 7.1 | 7 | 8°31.8 | 8°33.1 | 8°08.4 | 0.7 - 0.4 6.7 - 3.9 12.7 - 7.3 | 7 | 8°46.8 | 8°48.2 | 8°22.8 | 0.7 - 0.4 6.7 - 4.0 12.7 - 7.5 |
| 8 | 8°17.0 | 8°18.4 | 7°54.4 | 0.8 - 0.4 6.8 - 3.8 12.8 - 7.1 | 8 | 8°32.0 | 8°33.4 | 8°08.7 | 0.8 - 0.5 6.8 - 3.9 12.8 - 7.4 | 8 | 8°47.0 | 8°48.4 | 8°23.0 | 0.8 - 0.5 6.8 - 4.0 12.8 - 7.6 |
| 9 | 8°17.2 | 8°18.6 | 7°54.6 | 0.9 - 0.5 6.9 - 3.9 12.9 - 7.2 | 9 | 8°32.2 | 8°33.7 | 8°08.9 | 0.9 - 0.5 6.9 - 4.0 12.9 - 7.4 | 9 | 8°47.2 | 8°48.7 | 8°23.2 | 0.9 - 0.5 6.9 - 4.1 12.9 - 7.6 |
| 10 | 8°17.5 | 8°18.9 | 7°54.8 | 1.0 - 0.6 7.0 - 3.9 13.0 - 7.3 | 10 | 8°32.5 | 8°33.9 | 8°09.2 | 1.0 - 0.6 7.0 - 4.0 13.0 - 7.5 | 10 | 8°47.5 | 8°48.9 | 8°23.5 | 1.0 - 0.6 7.0 - 4.1 13.0 - 7.7 |
| 11 | 8°17.7 | 8°19.1 | 7°55.1 | 1.1 - 0.6 7.1 - 4.0 13.1 - 7.3 | 11 | 8°32.7 | 8°34.2 | 8°09.4 | 1.1 - 0.6 7.1 - 4.1 13.1 - 7.5 | 11 | 8°47.7 | 8°49.2 | 8°23.7 | 1.1 - 0.7 7.1 - 4.2 13.1 - 7.8 |
| 12 | 8°18.0 | 8°19.4 | 7°55.3 | 1.2 - 0.7 7.2 - 4.0 13.2 - 7.4 | 12 | 8°33.0 | 8°34.4 | 8°09.6 | 1.2 - 0.7 7.2 - 4.1 13.2 - 7.6 | 12 | 8°48.0 | 8°49.4 | 8°23.9 | 1.2 - 0.7 7.2 - 4.3 13.2 - 7.8 |
| 13 | 8°18.3 | 8°19.6 | 7°55.6 | 1.3 - 0.7 7.3 - 4.1 13.3 - 7.4 | 13 | 8°33.3 | 8°34.7 | 8°09.9 | 1.3 - 0.7 7.3 - 4.2 13.3 - 7.6 | 13 | 8°48.3 | 8°49.7 | 8°24.2 | 1.3 - 0.8 7.3 - 4.3 13.3 - 7.9 |
| 14 | 8°18.5 | 8°19.9 | 7°55.8 | 1.4 - 0.8 7.4 - 4.1 13.4 - 7.5 | 14 | 8°33.5 | 8°34.9 | 8°10.1 | 1.4 - 0.8 7.4 - 4.3 13.4 - 7.7 | 14 | 8°48.5 | 8°49.9 | 8°24.4 | 1.4 - 0.8 7.4 - 4.4 13.4 - 7.9 |
| 15 | 8°18.8 | 8°20.1 | 7°56.0 | 1.5 - 0.8 7.5 - 4.2 13.5 - 7.5 | 15 | 8°33.8 | 8°35.2 | 8°10.3 | 1.5 - 0.9 7.5 - 4.3 13.5 - 7.8 | 15 | 8°48.8 | 8°50.2 | 8°24.7 | 1.5 - 0.9 7.5 - 4.4 13.5 - 8.0 |
| 16 | 8°19.0 | 8°20.4 | 7°56.3 | 1.6 - 0.9 7.6 - 4.2 13.6 - 7.6 | 16 | 8°34.0 | 8°35.4 | 8°10.6 | 1.6 - 0.9 7.6 - 4.4 13.6 - 7.8 | 16 | 8°49.0 | 8°50.4 | 8°24.9 | 1.6 - 0.9 7.6 - 4.5 13.6 - 8.0 |
| 17 | 8°19.2 | 8°20.6 | 7°56.5 | 1.7 - 0.9 7.7 - 4.3 13.7 - 7.6 | 17 | 8°34.2 | 8°35.7 | 8°10.8 | 1.7 - 1.0 7.7 - 4.4 13.7 - 7.9 | 17 | 8°49.2 | 8°50.7 | 8°25.1 | 1.7 - 1.0 7.7 - 4.6 13.7 - 8.1 |
| 18 | 8°19.5 | 8°20.9 | 7°56.7 | 1.8 - 1.0 7.8 - 4.4 13.8 - 7.7 | 18 | 8°34.5 | 8°35.9 | 8°11.1 | 1.8 - 1.0 7.8 - 4.5 13.8 - 7.9 | 18 | 8°49.5 | 8°50.9 | 8°25.4 | 1.8 - 1.1 7.8 - 4.6 13.8 - 8.2 |
| 19 | 8°19.8 | 8°21.1 | 7°57.0 | 1.9 - 1.1 7.9 - 4.4 13.9 - 7.8 | 19 | 8°34.8 | 8°36.2 | 8°11.3 | 1.9 - 1.1 7.9 - 4.5 13.9 - 8.0 | 19 | 8°49.8 | 8°51.2 | 8°25.6 | 1.9 - 1.1 7.9 - 4.7 13.9 - 8.2 |
| 20 | 8°20.0 | 8°21.4 | 7°57.2 | 2.0 - 1.1 8.0 - 4.5 14.0 - 7.8 | 20 | 8°35.0 | 8°36.4 | 8°11.5 | 2.0 - 1.1 8.0 - 4.6 14.0 - 8.0 | 20 | 8°50.0 | 8°51.4 | 8°25.9 | 2.0 - 1.2 8.0 - 4.7 14.0 - 8.3 |
| 21 | 8°20.3 | 8°21.6 | 7°57.5 | 2.1 - 1.2 8.1 - 4.5 14.1 - 7.9 | 21 | 8°35.3 | 8°36.7 | 8°11.8 | 2.1 - 1.2 8.1 - 4.7 14.1 - 8.1 | 21 | 8°50.3 | 8°51.7 | 8°26.1 | 2.1 - 1.2 8.1 - 4.8 14.1 - 8.3 |
| 22 | 8°20.5 | 8°21.9 | 7°57.7 | 2.2 - 1.2 8.2 - 4.6 14.2 - 7.9 | 22 | 8°35.5 | 8°36.9 | 8°12.0 | 2.2 - 1.3 8.2 - 4.7 14.2 - 8.2 | 22 | 8°50.5 | 8°52.0 | 8°26.3 | 2.2 - 1.3 8.2 - 4.9 14.2 - 8.4 |
| 23 | 8°20.7 | 8°22.1 | 7°57.9 | 2.3 - 1.3 8.3 - 4.6 14.3 - 8.0 | 23 | 8°35.7 | 8°37.2 | 8°12.3 | 2.3 - 1.3 8.3 - 4.8 14.3 - 8.2 | 23 | 8°50.7 | 8°52.2 | 8°26.6 | 2.3 - 1.4 8.3 - 4.9 14.3 - 8.5 |
| 24 | 8°21.0 | 8°22.4 | 7°58.2 | 2.4 - 1.3 8.4 - 4.7 14.4 - 8.0 | 24 | 8°36.0 | 8°37.4 | 8°12.5 | 2.4 - 1.4 8.4 - 4.8 14.4 - 8.3 | 24 | 8°51.0 | 8°52.5 | 8°26.8 | 2.4 - 1.4 8.4 - 5.0 14.4 - 8.5 |
| 25 | 8°21.2 | 8°22.6 | 7°58.4 | 2.5 - 1.4 8.5 - 4.7 14.5 - 8.1 | 25 | 8°36.2 | 8°37.7 | 8°12.7 | 2.5 - 1.4 8.5 - 4.9 14.5 - 8.3 | 25 | 8°51.2 | 8°52.7 | 8°27.0 | 2.5 - 1.5 8.5 - 5.0 14.5 - 8.6 |
| 26 | 8°21.5 | 8°22.9 | 7°58.7 | 2.6 - 1.5 8.6 - 4.8 14.6 - 8.2 | 26 | 8°36.5 | 8°37.9 | 8°13.0 | 2.6 - 1.5 8.6 - 4.9 14.6 - 8.4 | 26 | 8°51.5 | 8°53.0 | 8°27.3 | 2.6 - 1.5 8.6 - 5.1 14.6 - 8.6 |
| 27 | 8°21.8 | 8°23.1 | 7°58.9 | 2.7 - 1.5 8.7 - 4.9 14.7 - 8.2 | 27 | 8°36.8 | 8°38.2 | 8°13.2 | 2.7 - 1.6 8.7 - 5.0 14.7 - 8.5 | 27 | 8°51.8 | 8°53.2 | 8°27.5 | 2.7 - 1.6 8.7 - 5.1 14.7 - 8.7 |
| 28 | 8°22.0 | 8°23.4 | 7°59.1 | 2.8 - 1.6 8.8 - 4.9 14.8 - 8.3 | 28 | 8°37.0 | 8°38.4 | 8°13.4 | 2.8 - 1.6 8.8 - 5.1 14.8 - 8.5 | 28 | 8°52.0 | 8°53.5 | 8°27.8 | 2.8 - 1.7 8.8 - 5.2 14.8 - 8.8 |
| 29 | 8°22.3 | 8°23.6 | 7°59.4 | 2.9 - 1.6 8.9 - 5.0 14.9 - 8.3 | 29 | 8°37.3 | 8°38.7 | 8°13.7 | 2.9 - 1.7 8.9 - 5.1 14.9 - 8.6 | 29 | 8°52.3 | 8°53.7 | 8°28.0 | 2.9 - 1.7 8.9 - 5.3 14.9 - 8.8 |
| 30 | 8°22.5 | 8°23.9 | 7°59.6 | 3.0 - 1.7 9.0 - 5.0 15.0 - 8.4 | 30 | 8°37.5 | 8°38.9 | 8°13.9 | 3.0 - 1.7 9.0 - 5.2 15.0 - 8.6 | 30 | 8°52.5 | 8°54.0 | 8°28.2 | 3.0 - 1.8 9.0 - 5.3 15.0 - 8.9 |
| 31 | 8°22.7 | 8°24.1 | 7°59.8 | 3.1 - 1.7 9.1 - 5.1 15.1 - 8.4 | 31 | 8°37.7 | 8°39.2 | 8°14.2 | 3.1 - 1.8 9.1 - 5.2 15.1 - 8.7 | 31 | 8°52.7 | 8°54.2 | 8°28.5 | 3.1 - 1.8 9.1 - 5.4 15.1 - 8.9 |
| 32 | 8°23.0 | 8°24.4 | 8°00.1 | 3.2 - 1.8 9.2 - 5.1 15.2 - 8.5 | 32 | 8°38.0 | 8°39.4 | 8°14.4 | 3.2 - 1.8 9.2 - 5.3 15.2 - 8.7 | 32 | 8°53.0 | 8°54.5 | 8°28.7 | 3.2 - 1.9 9.2 - 5.4 15.2 - 9.0 |
| 33 | 8°23.2 | 8°24.6 | 8°00.3 | 3.3 - 1.8 9.3 - 5.2 15.3 - 8.5 | 33 | 8°38.2 | 8°39.7 | 8°14.6 | 3.3 - 1.9 9.3 - 5.3 15.3 - 8.8 | 33 | 8°53.2 | 8°54.7 | 8°29.0 | 3.3 - 2.0 9.3 - 5.5 15.3 - 9.1 |
| 34 | 8°23.5 | 8°24.9 | 8°00.6 | 3.4 - 1.9 9.4 - 5.2 15.4 - 8.6 | 34 | 8°38.5 | 8°39.9 | 8°14.9 | 3.4 - 2.0 9.4 - 5.4 15.4 - 8.9 | 34 | 8°53.5 | 8°55.0 | 8°29.2 | 3.4 - 2.0 9.4 - 5.6 15.4 - 9.1 |
| 35 | 8°23.8 | 8°25.1 | 8°00.8 | 3.5 - 2.0 9.5 - 5.3 15.5 - 8.7 | 35 | 8°38.8 | 8°40.2 | 8°15.1 | 3.5 - 2.0 9.5 - 5.5 15.5 - 8.9 | 35 | 8°53.8 | 8°55.2 | 8°29.4 | 3.5 - 2.1 9.5 - 5.6 15.5 - 9.2 |
| 36 | 8°24.0 | 8°25.4 | 8°01.0 | 3.6 - 2.0 9.6 - 5.4 15.6 - 8.7 | 36 | 8°39.0 | 8°40.4 | 8°15.4 | 3.6 - 2.1 9.6 - 5.5 15.6 - 9.0 | 36 | 8°54.0 | 8°55.5 | 8°29.7 | 3.6 - 2.1 9.6 - 5.7 15.6 - 9.2 |
| 37 | 8°24.3 | 8°25.6 | 8°01.3 | 3.7 - 2.1 9.7 - 5.4 15.7 - 8.8 | 37 | 8°39.3 | 8°40.7 | 8°15.6 | 3.7 - 2.1 9.7 - 5.6 15.7 - 9.0 | 37 | 8°54.3 | 8°55.7 | 8°29.9 | 3.7 - 2.2 9.7 - 5.7 15.7 - 9.3 |
| 38 | 8°24.5 | 8°25.9 | 8°01.5 | 3.8 - 2.1 9.8 - 5.5 15.8 - 8.8 | 38 | 8°39.5 | 8°40.9 | 8°15.8 | 3.8 - 2.2 9.8 - 5.6 15.8 - 9.1 | 38 | 8°54.5 | 8°56.0 | 8°30.2 | 3.8 - 2.2 9.8 - 5.8 15.8 - 9.3 |
| 39 | 8°24.7 | 8°26.1 | 8°01.8 | 3.9 - 2.2 9.9 - 5.5 15.9 - 8.9 | 39 | 8°39.7 | 8°41.2 | 8°16.1 | 3.9 - 2.2 9.9 - 5.7 15.9 - 9.1 | 39 | 8°54.7 | 8°56.2 | 8°30.4 | 3.9 - 2.3 9.9 - 5.9 15.9 - 9.4 |
| 40 | 8°25.0 | 8°26.4 | 8°02.0 | 4.0 - 2.2 10.0 - 5.6 16.0 - 8.9 | 40 | 8°40.0 | 8°41.4 | 8°16.3 | 4.0 - 2.3 10.0 - 5.8 16.0 - 9.2 | 40 | 8°55.0 | 8°56.5 | 8°30.6 | 4.0 - 2.4 10.0 - 5.9 16.0 - 9.5 |
| 41 | 8°25.2 | 8°26.6 | 8°02.2 | 4.1 - 2.3 10.1 - 5.6 16.1 - 9.0 | 41 | 8°40.2 | 8°41.7 | 8°16.5 | 4.1 - 2.4 10.1 - 5.8 16.1 - 9.3 | 41 | 8°55.2 | 8°56.7 | 8°30.9 | 4.1 - 2.4 10.1 - 6.0 16.1 - 9.5 |
| 42 | 8°25.5 | 8°26.9 | 8°02.5 | 4.2 - 2.3 10.2 - 5.7 16.2 - 9.0 | 42 | 8°40.5 | 8°41.9 | 8°16.8 | 4.2 - 2.4 10.2 - 5.9 16.2 - 9.3 | 42 | 8°55.5 | 8°57.0 | 8°31.1 | 4.2 - 2.5 10.2 - 6.0 16.2 - 9.6 |
| 43 | 8°25.8 | 8°27.1 | 8°02.7 | 4.3 - 2.4 10.3 - 5.8 16.3 - 9.1 | 43 | 8°40.8 | 8°42.2 | 8°17.0 | 4.3 - 2.5 10.3 - 5.9 16.3 - 9.4 | 43 | 8°55.8 | 8°57.2 | 8°31.3 | 4.3 - 2.5 10.3 - 6.1 16.3 - 9.6 |
| 44 | 8°26.0 | 8°27.4 | 8°02.9 | 4.4 - 2.5 10.4 - 5.8 16.4 - 9.2 | 44 | 8°41.0 | 8°42.4 | 8°17.3 | 4.4 - 2.5 10.4 - 6.0 16.4 - 9.4 | 44 | 8°56.0 | 8°57.5 | 8°31.6 | 4.4 - 2.6 10.4 - 6.2 16.4 - 9.7 |
| 45 | 8°26.3 | 8°27.6 | 8°03.2 | 4.5 - 2.5 10.5 - 5.9 16.5 - 9.2 | 45 | 8°41.3 | 8°42.7 | 8°17.5 | 4.5 - 2.6 10.5 - 6.0 16.5 - 9.5 | 45 | 8°56.3 | 8°57.7 | 8°31.8 | 4.5 - 2.7 10.5 - 6.2 16.5 - 9.8 |
| 46 | | | | | | | | | | | | | | |

Increments and Corrections

| m 36 | Sun Plan. | Aries | Moon | v and d corr | m 37 | Sun Plan. | Aries | Moon | v and d corr | m 38 | Sun Plan. | Aries | Moon | v and d corr |
|---------|--------------|--------|--------|--|---------|--------------|--------|--------|--|---------|--------------|--------|--------|--|
| 0 | 9°00.0 | 9°01.5 | 8°35.4 | 0.0 - 0.0 6.0 - 3.6 12.0 - 7.3 | 0 | 9°15.0 | 9°16.5 | 8°49.7 | 0.0 - 0.0 6.0 - 3.8 12.0 - 7.5 | 0 | 9°30.0 | 9°31.6 | 9°04.0 | 0.0 - 0.0 6.0 - 3.9 12.0 - 7.7 |
| 1 | 9°00.2 | 9°01.7 | 8°35.6 | 0.1 - 0.1 6.1 - 3.7 12.1 - 7.4 | 1 | 9°15.2 | 9°16.8 | 8°50.0 | 0.1 - 0.1 6.1 - 3.8 12.1 - 7.6 | 1 | 9°30.2 | 9°31.8 | 9°04.3 | 0.1 - 0.1 6.1 - 3.9 12.1 - 7.8 |
| 2 | 9°00.5 | 9°02.0 | 8°35.9 | 0.2 - 0.1 6.2 - 3.8 12.2 - 7.4 | 2 | 9°15.5 | 9°17.0 | 8°50.2 | 0.2 - 0.1 6.2 - 3.9 12.2 - 7.6 | 2 | 9°30.5 | 9°32.1 | 9°04.5 | 0.2 - 0.1 6.2 - 4.0 12.2 - 7.8 |
| 3 | 9°00.7 | 9°02.2 | 8°36.1 | 0.3 - 0.2 6.3 - 3.8 12.3 - 7.5 | 3 | 9°15.7 | 9°17.3 | 8°50.4 | 0.3 - 0.2 6.3 - 3.9 12.3 - 7.7 | 3 | 9°30.7 | 9°32.3 | 9°04.7 | 0.3 - 0.2 6.3 - 4.0 12.3 - 7.9 |
| 4 | 9°01.0 | 9°02.5 | 8°36.4 | 0.4 - 0.2 6.4 - 3.9 12.4 - 7.5 | 4 | 9°16.0 | 9°17.5 | 8°50.7 | 0.4 - 0.3 6.4 - 4.0 12.4 - 7.8 | 4 | 9°31.0 | 9°32.6 | 9°05.0 | 0.4 - 0.3 6.4 - 4.1 12.4 - 8.0 |
| 5 | 9°01.3 | 9°02.7 | 8°36.6 | 0.5 - 0.3 6.5 - 4.0 12.5 - 7.6 | 5 | 9°16.3 | 9°17.8 | 8°50.9 | 0.5 - 0.3 6.5 - 4.1 12.5 - 7.8 | 5 | 9°31.3 | 9°32.8 | 9°05.2 | 0.5 - 0.3 6.5 - 4.2 12.5 - 8.0 |
| 6 | 9°01.5 | 9°03.0 | 8°36.8 | 0.6 - 0.4 6.6 - 4.0 12.6 - 7.7 | 6 | 9°16.5 | 9°18.0 | 8°51.1 | 0.6 - 0.4 6.6 - 4.1 12.6 - 7.9 | 6 | 9°31.5 | 9°33.1 | 9°05.5 | 0.6 - 0.4 6.6 - 4.2 12.6 - 8.1 |
| 7 | 9°01.8 | 9°03.2 | 8°37.1 | 0.7 - 0.4 6.7 - 4.1 12.7 - 7.7 | 7 | 9°16.8 | 9°18.3 | 8°51.4 | 0.7 - 0.4 6.7 - 4.2 12.7 - 7.9 | 7 | 9°31.8 | 9°33.3 | 9°05.7 | 0.7 - 0.4 6.7 - 4.3 12.7 - 8.1 |
| 8 | 9°02.0 | 9°03.5 | 8°37.3 | 0.8 - 0.5 6.8 - 4.1 12.8 - 7.8 | 8 | 9°17.0 | 9°18.5 | 8°51.6 | 0.8 - 0.5 6.8 - 4.3 12.8 - 8.0 | 8 | 9°32.0 | 9°33.6 | 9°05.9 | 0.8 - 0.5 6.8 - 4.4 12.8 - 8.2 |
| 9 | 9°02.2 | 9°03.7 | 8°37.5 | 0.9 - 0.5 6.9 - 4.2 12.9 - 7.8 | 9 | 9°17.2 | 9°18.8 | 8°51.9 | 0.9 - 0.6 6.9 - 4.3 12.9 - 8.1 | 9 | 9°32.2 | 9°33.8 | 9°06.2 | 0.9 - 0.6 6.9 - 4.4 12.9 - 8.3 |
| 10 | 9°02.5 | 9°04.0 | 8°37.8 | 1.0 - 0.6 7.0 - 4.3 13.0 - 7.9 | 10 | 9°17.5 | 9°19.0 | 8°52.1 | 1.0 - 0.6 7.0 - 4.4 13.0 - 8.1 | 10 | 9°32.5 | 9°34.1 | 9°06.4 | 1.0 - 0.6 7.0 - 4.5 13.0 - 8.3 |
| 11 | 9°02.7 | 9°04.2 | 8°38.0 | 1.1 - 0.7 7.1 - 4.3 13.1 - 8.0 | 11 | 9°17.7 | 9°19.3 | 8°52.3 | 1.1 - 0.7 7.1 - 4.4 13.1 - 8.2 | 11 | 9°32.7 | 9°34.3 | 9°06.7 | 1.1 - 0.7 7.1 - 4.6 13.1 - 8.4 |
| 12 | 9°03.0 | 9°04.5 | 8°38.3 | 1.2 - 0.7 7.2 - 4.4 13.2 - 8.0 | 12 | 9°18.0 | 9°19.5 | 8°52.6 | 1.2 - 0.8 7.2 - 4.5 13.2 - 8.3 | 12 | 9°33.0 | 9°34.6 | 9°06.9 | 1.2 - 0.8 7.2 - 4.6 13.2 - 8.5 |
| 13 | 9°03.3 | 9°04.7 | 8°38.5 | 1.3 - 0.8 7.3 - 4.4 13.3 - 8.1 | 13 | 9°18.3 | 9°19.8 | 8°52.8 | 1.3 - 0.8 7.3 - 4.6 13.3 - 8.3 | 13 | 9°33.3 | 9°34.8 | 9°07.1 | 1.3 - 0.8 7.3 - 4.7 13.3 - 8.5 |
| 14 | 9°03.5 | 9°05.0 | 8°38.7 | 1.4 - 0.9 7.4 - 4.5 13.4 - 8.2 | 14 | 9°18.5 | 9°20.0 | 8°53.1 | 1.4 - 0.9 7.4 - 4.6 13.4 - 8.4 | 14 | 9°33.5 | 9°35.1 | 9°07.4 | 1.4 - 0.9 7.4 - 4.7 13.4 - 8.6 |
| 15 | 9°03.8 | 9°05.2 | 8°39.0 | 1.5 - 0.9 7.5 - 4.6 13.5 - 8.2 | 15 | 9°18.8 | 9°20.3 | 8°53.3 | 1.5 - 0.9 7.5 - 4.7 13.5 - 8.4 | 15 | 9°33.8 | 9°35.3 | 9°07.6 | 1.5 - 1.0 7.5 - 4.8 13.5 - 8.7 |
| 16 | 9°04.0 | 9°05.5 | 8°39.2 | 1.6 - 1.0 7.6 - 4.6 13.6 - 8.3 | 16 | 9°19.0 | 9°20.5 | 8°53.5 | 1.6 - 1.0 7.6 - 4.8 13.6 - 8.5 | 16 | 9°34.0 | 9°35.6 | 9°07.9 | 1.6 - 1.0 7.6 - 4.9 13.6 - 8.7 |
| 17 | 9°04.2 | 9°05.7 | 8°39.5 | 1.7 - 1.0 7.7 - 4.7 13.7 - 8.3 | 17 | 9°19.2 | 9°20.8 | 8°53.8 | 1.7 - 1.1 7.7 - 4.8 13.7 - 8.6 | 17 | 9°34.2 | 9°35.8 | 9°08.1 | 1.7 - 1.1 7.7 - 4.9 13.7 - 8.8 |
| 18 | 9°04.5 | 9°06.0 | 8°39.7 | 1.8 - 1.1 7.8 - 4.7 13.8 - 8.4 | 18 | 9°19.5 | 9°21.0 | 8°54.0 | 1.8 - 1.1 7.8 - 4.9 13.8 - 8.6 | 18 | 9°34.5 | 9°36.1 | 9°08.3 | 1.8 - 1.2 7.8 - 5.0 13.8 - 8.9 |
| 19 | 9°04.8 | 9°06.2 | 8°39.9 | 1.9 - 1.2 7.9 - 4.8 13.9 - 8.5 | 19 | 9°19.8 | 9°21.3 | 8°54.3 | 1.9 - 1.2 7.9 - 4.9 13.9 - 8.7 | 19 | 9°34.8 | 9°36.3 | 9°08.6 | 1.9 - 1.2 7.9 - 5.1 13.9 - 8.9 |
| 20 | 9°05.0 | 9°06.5 | 8°40.2 | 2.0 - 1.2 8.0 - 4.9 14.0 - 8.5 | 20 | 9°20.0 | 9°21.5 | 8°54.5 | 2.0 - 1.3 8.0 - 5.0 14.0 - 8.8 | 20 | 9°35.0 | 9°36.6 | 9°08.8 | 2.0 - 1.3 8.0 - 5.1 14.0 - 9.0 |
| 21 | 9°05.3 | 9°06.7 | 8°40.4 | 2.1 - 1.3 8.1 - 4.9 14.1 - 8.6 | 21 | 9°20.3 | 9°21.8 | 8°54.7 | 2.1 - 1.3 8.1 - 5.1 14.1 - 8.8 | 21 | 9°35.3 | 9°36.8 | 9°09.0 | 2.1 - 1.3 8.1 - 5.2 14.1 - 9.0 |
| 22 | 9°05.5 | 9°07.0 | 8°40.6 | 2.2 - 1.3 8.2 - 5.0 14.2 - 8.6 | 22 | 9°20.5 | 9°22.0 | 8°55.0 | 2.2 - 1.4 8.2 - 5.1 14.2 - 8.9 | 22 | 9°35.5 | 9°37.1 | 9°09.3 | 2.2 - 1.4 8.2 - 5.3 14.2 - 9.1 |
| 23 | 9°05.7 | 9°07.2 | 8°40.9 | 2.3 - 1.4 8.3 - 5.0 14.3 - 8.7 | 23 | 9°20.7 | 9°22.3 | 8°55.2 | 2.3 - 1.4 8.3 - 5.2 14.3 - 8.9 | 23 | 9°35.7 | 9°37.3 | 9°09.5 | 2.3 - 1.5 8.3 - 5.3 14.3 - 9.2 |
| 24 | 9°06.0 | 9°07.5 | 8°41.1 | 2.4 - 1.5 8.4 - 5.1 14.4 - 8.8 | 24 | 9°21.0 | 9°22.5 | 8°55.4 | 2.4 - 1.5 8.4 - 5.3 14.4 - 9.0 | 24 | 9°36.0 | 9°37.6 | 9°09.8 | 2.4 - 1.5 8.4 - 5.4 14.4 - 9.2 |
| 25 | 9°06.2 | 9°07.7 | 8°41.4 | 2.5 - 1.5 8.5 - 5.2 14.5 - 8.8 | 25 | 9°21.2 | 9°22.8 | 8°55.7 | 2.5 - 1.6 8.5 - 5.3 14.5 - 9.1 | 25 | 9°36.2 | 9°37.8 | 9°10.0 | 2.5 - 1.6 8.5 - 5.5 14.5 - 9.3 |
| 26 | 9°06.5 | 9°08.0 | 8°41.6 | 2.6 - 1.6 8.6 - 5.2 14.6 - 8.9 | 26 | 9°21.5 | 9°23.0 | 8°55.9 | 2.6 - 1.6 8.6 - 5.4 14.6 - 9.1 | 26 | 9°36.5 | 9°38.1 | 9°10.2 | 2.6 - 1.7 8.6 - 5.5 14.6 - 9.4 |
| 27 | 9°06.8 | 9°08.2 | 8°41.8 | 2.7 - 1.6 8.7 - 5.3 14.7 - 8.9 | 27 | 9°21.8 | 9°23.3 | 8°56.2 | 2.7 - 1.7 8.7 - 5.4 14.7 - 9.2 | 27 | 9°36.8 | 9°38.3 | 9°10.5 | 2.7 - 1.7 8.7 - 5.6 14.7 - 9.4 |
| 28 | 9°07.0 | 9°08.5 | 8°42.1 | 2.8 - 1.7 8.8 - 5.4 14.8 - 9.0 | 28 | 9°22.0 | 9°23.5 | 8°56.4 | 2.8 - 1.8 8.8 - 5.5 14.8 - 9.3 | 28 | 9°37.0 | 9°38.6 | 9°10.7 | 2.8 - 1.8 8.8 - 5.6 14.8 - 9.5 |
| 29 | 9°07.3 | 9°08.7 | 8°42.3 | 2.9 - 1.8 8.9 - 5.4 14.9 - 9.1 | 29 | 9°22.3 | 9°23.8 | 8°56.6 | 2.9 - 1.8 8.9 - 5.6 14.9 - 9.3 | 29 | 9°37.3 | 9°38.8 | 9°11.0 | 2.9 - 1.9 8.9 - 5.7 14.9 - 9.6 |
| 30 | 9°07.5 | 9°09.0 | 8°42.6 | 3.0 - 1.8 9.0 - 5.5 15.0 - 9.1 | 30 | 9°22.5 | 9°24.0 | 8°56.9 | 3.0 - 1.9 9.0 - 5.6 15.0 - 9.4 | 30 | 9°37.5 | 9°39.1 | 9°11.2 | 3.0 - 1.9 9.0 - 5.8 15.0 - 9.6 |
| 31 | 9°07.7 | 9°09.2 | 8°42.8 | 3.1 - 1.9 9.1 - 5.5 15.1 - 9.2 | 31 | 9°22.7 | 9°24.3 | 8°57.1 | 3.1 - 1.9 9.1 - 5.7 15.1 - 9.4 | 31 | 9°37.7 | 9°39.3 | 9°11.4 | 3.1 - 2.0 9.1 - 5.8 15.1 - 9.7 |
| 32 | 9°08.0 | 9°09.5 | 8°43.0 | 3.2 - 1.9 9.2 - 5.6 15.2 - 9.2 | 32 | 9°23.0 | 9°24.5 | 8°57.4 | 3.2 - 2.0 9.2 - 5.8 15.2 - 9.5 | 32 | 9°38.0 | 9°39.6 | 9°11.7 | 3.2 - 2.1 9.2 - 5.9 15.2 - 9.8 |
| 33 | 9°08.2 | 9°09.7 | 8°43.3 | 3.3 - 2.0 9.3 - 5.7 15.3 - 9.3 | 33 | 9°23.2 | 9°24.8 | 8°57.6 | 3.3 - 2.1 9.3 - 5.8 15.3 - 9.6 | 33 | 9°38.2 | 9°39.8 | 9°11.9 | 3.3 - 2.1 9.3 - 6.0 15.3 - 9.8 |
| 34 | 9°08.5 | 9°10.0 | 8°43.5 | 3.4 - 2.1 9.4 - 5.7 15.4 - 9.4 | 34 | 9°23.5 | 9°25.0 | 8°57.8 | 3.4 - 2.1 9.4 - 5.9 15.4 - 9.6 | 34 | 9°38.5 | 9°40.1 | 9°12.1 | 3.4 - 2.2 9.4 - 6.0 15.4 - 9.9 |
| 35 | 9°08.8 | 9°10.2 | 8°43.8 | 3.5 - 2.1 9.5 - 5.8 15.5 - 9.4 | 35 | 9°23.8 | 9°25.3 | 8°58.1 | 3.5 - 2.2 9.5 - 5.9 15.5 - 9.7 | 35 | 9°38.8 | 9°40.3 | 9°12.4 | 3.5 - 2.2 9.5 - 6.1 15.5 - 9.9 |
| 36 | 9°09.0 | 9°10.5 | 8°44.0 | 3.6 - 2.2 9.6 - 5.8 15.6 - 9.5 | 36 | 9°24.0 | 9°25.5 | 8°58.3 | 3.6 - 2.3 9.6 - 6.0 15.6 - 9.8 | 36 | 9°39.0 | 9°40.6 | 9°12.6 | 3.6 - 2.3 9.6 - 6.2 15.6 - 10.0 |
| 37 | 9°09.3 | 9°10.8 | 8°44.2 | 3.7 - 2.3 9.7 - 5.9 15.7 - 9.6 | 37 | 9°24.3 | 9°25.8 | 8°58.5 | 3.7 - 2.3 9.7 - 6.1 15.7 - 9.8 | 37 | 9°39.3 | 9°40.8 | 9°12.9 | 3.7 - 2.4 9.7 - 6.2 15.7 - 10.1 |
| 38 | 9°09.5 | 9°11.0 | 8°44.5 | 3.8 - 2.3 9.8 - 6.0 15.8 - 9.6 | 38 | 9°24.5 | 9°26.0 | 8°58.8 | 3.8 - 2.4 9.8 - 6.1 15.8 - 9.9 | 38 | 9°39.5 | 9°41.1 | 9°13.1 | 3.8 - 2.4 9.8 - 6.3 15.8 - 10.1 |
| 39 | 9°09.7 | 9°11.3 | 8°44.7 | 3.9 - 2.4 9.9 - 6.0 15.9 - 9.7 | 39 | 9°24.7 | 9°26.3 | 8°59.0 | 3.9 - 2.4 9.9 - 6.2 15.9 - 9.9 | 39 | 9°39.7 | 9°41.3 | 9°13.3 | 3.9 - 2.5 9.9 - 6.4 15.9 - 10.2 |
| 40 | 9°10.0 | 9°11.5 | 8°44.9 | 4.0 - 2.4 10.0 - 6.1 16.0 - 9.7 | 40 | 9°25.0 | 9°26.5 | 8°59.3 | 4.0 - 2.5 10.0 - 6.3 16.0 - 10.0 | 40 | 9°40.0 | 9°41.6 | 9°13.6 | 4.0 - 2.6 10.0 - 6.4 16.0 - 10.3 |
| 41 | 9°10.2 | 9°11.8 | 8°45.2 | 4.1 - 2.5 10.1 - 6.1 16.1 - 9.8 | 41 | 9°25.2 | 9°26.8 | 8°59.5 | 4.1 - 2.6 10.1 - 6.3 16.1 - 10.1 | 41 | 9°40.2 | 9°41.8 | 9°13.8 | 4.1 - 2.6 10.1 - 6.5 16.1 - 10.3 |
| 42 | 9°10.5 | 9°12.0 | 8°45.4 | 4.2 - 2.6 10.2 - 6.2 16.2 - 9.9 | 42 | 9°25.5 | 9°27.0 | 8°59.7 | 4.2 - 2.6 10.2 - 6.4 16.2 - 10.1 | 42 | 9°40.5 | 9°42.1 | 9°14.1 | 4.2 - 2.7 10.2 - 6.5 16.2 - 10.4 |
| 43 | 9°10.8 | 9°12.3 | 8°45.7 | 4.3 - 2.6 10.3 - 6.3 16.3 - 9.9 | 43 | 9°25.8 | 9°27.3 | 9°00.0 | 4.3 - 2.7 10.3 - 6.4 16.3 - 10.2 | 43 | 9°40.8 | 9°42.3 | 9°14.3 | 4.3 - 2.8 10.3 - 6.6 16.3 - 10.5 |
| 44 | 9°11.0 | 9°12.5 | 8°45.9 | 4.4 - 2.7 10.4 - 6.3 16.4 - 10.0 | 44 | 9°26.0 | 9°27.5 | 9°00.2 | 4.4 - 2.8 10.4 - 6.5 16.4 - 10.3 | 44 | 9°41.0 | 9°42.6 | 9°14.5 | 4.4 - 2.8 10.4 - 6.7 16.4 - 10.5 |
| 45 | 9°11.3 | 9°12.8 | 8°46.1 | 4.5 - 2.7 10.5 - 6.4 16.5 - 10.0 | 45 | 9°26.3 | 9°27.8 | 9°00.5 | 4.5 - 2.8 10.5 - 6.6 16.5 - 10.3 | 45 | 9°41.3 | 9°42.8 | 9°14.8 | 4.5 - 2.9 10.5 - 6.7 16.5 - 10 |

Increments and Corrections

| m 39 | Sun Plan. | Aries | Moon | v and d corr | | | m 40 | Sun Plan. | Aries | Moon | v and d corr | | | m 41 | Sun Plan. | Aries | Moon | v and d corr | | |
|---------|--------------|--------|--------|--------------|------------|-------------|---------|--------------|---------|--------|--------------|------------|-------------|---------|--------------|---------|--------|--------------|------------|-------------|
| 0 | 9°45.0 | 9°46.6 | 9°18.4 | 0.0 - 0.0 | 6.0 - 4.0 | 12.0 - 7.9 | 0 | 10°00.0 | 10°01.6 | 9°32.7 | 0.0 - 0.0 | 6.0 - 4.1 | 12.0 - 8.1 | 0 | 10°15.0 | 10°16.7 | 9°47.0 | 0.0 - 0.0 | 6.0 - 4.2 | 12.0 - 8.3 |
| 1 | 9°45.2 | 9°46.8 | 9°18.6 | 0.1 - 0.1 | 6.1 - 4.0 | 12.1 - 8.0 | 1 | 10°00.2 | 10°01.9 | 9°32.9 | 0.1 - 0.1 | 6.1 - 4.1 | 12.1 - 8.2 | 1 | 10°15.2 | 10°16.9 | 9°47.2 | 0.1 - 0.1 | 6.1 - 4.2 | 12.1 - 8.4 |
| 2 | 9°45.5 | 9°47.1 | 9°18.8 | 0.2 - 0.1 | 6.2 - 4.1 | 12.2 - 8.0 | 2 | 10°00.5 | 10°02.1 | 9°33.1 | 0.2 - 0.1 | 6.2 - 4.2 | 12.2 - 8.2 | 2 | 10°15.5 | 10°17.2 | 9°47.5 | 0.2 - 0.1 | 6.2 - 4.3 | 12.2 - 8.4 |
| 3 | 9°45.7 | 9°47.4 | 9°19.1 | 0.3 - 0.2 | 6.3 - 4.1 | 12.3 - 8.1 | 3 | 10°00.7 | 10°02.4 | 9°33.4 | 0.3 - 0.2 | 6.3 - 4.3 | 12.3 - 8.3 | 3 | 10°15.7 | 10°17.4 | 9°47.7 | 0.3 - 0.2 | 6.3 - 4.4 | 12.3 - 8.5 |
| 4 | 9°46.0 | 9°47.6 | 9°19.3 | 0.4 - 0.3 | 6.4 - 4.2 | 12.4 - 8.2 | 4 | 10°01.0 | 10°02.6 | 9°33.6 | 0.4 - 0.3 | 6.4 - 4.3 | 12.4 - 8.4 | 4 | 10°16.0 | 10°17.7 | 9°47.9 | 0.4 - 0.3 | 6.4 - 4.4 | 12.4 - 8.6 |
| 5 | 9°46.3 | 9°47.9 | 9°19.5 | 0.5 - 0.3 | 6.5 - 4.3 | 12.5 - 8.2 | 5 | 10°01.3 | 10°02.9 | 9°33.9 | 0.5 - 0.3 | 6.5 - 4.4 | 12.5 - 8.4 | 5 | 10°16.3 | 10°17.9 | 9°48.2 | 0.5 - 0.3 | 6.5 - 4.5 | 12.5 - 8.6 |
| 6 | 9°46.5 | 9°48.1 | 9°19.8 | 0.6 - 0.4 | 6.6 - 4.3 | 12.6 - 8.3 | 6 | 10°01.5 | 10°03.1 | 9°34.1 | 0.6 - 0.4 | 6.6 - 4.5 | 12.6 - 8.5 | 6 | 10°16.5 | 10°18.2 | 9°48.4 | 0.6 - 0.4 | 6.6 - 4.6 | 12.6 - 8.7 |
| 7 | 9°46.8 | 9°48.4 | 9°20.0 | 0.7 - 0.5 | 6.7 - 4.4 | 12.7 - 8.4 | 7 | 10°01.8 | 10°03.4 | 9°34.3 | 0.7 - 0.5 | 6.7 - 4.5 | 12.7 - 8.6 | 7 | 10°16.8 | 10°18.4 | 9°48.7 | 0.7 - 0.5 | 6.7 - 4.6 | 12.7 - 8.8 |
| 8 | 9°47.0 | 9°48.6 | 9°20.3 | 0.8 - 0.5 | 6.8 - 4.5 | 12.8 - 8.4 | 8 | 10°02.0 | 10°03.6 | 9°34.6 | 0.8 - 0.5 | 6.8 - 4.6 | 12.8 - 8.6 | 8 | 10°17.0 | 10°18.7 | 9°48.9 | 0.8 - 0.6 | 6.8 - 4.7 | 12.8 - 8.9 |
| 9 | 9°47.2 | 9°48.9 | 9°20.5 | 0.9 - 0.6 | 6.9 - 4.5 | 12.9 - 8.5 | 9 | 10°02.2 | 10°03.9 | 9°34.8 | 0.9 - 0.6 | 6.9 - 4.7 | 12.9 - 8.7 | 9 | 10°17.2 | 10°18.9 | 9°49.1 | 0.9 - 0.6 | 6.9 - 4.8 | 12.9 - 8.9 |
| 10 | 9°47.5 | 9°49.1 | 9°20.7 | 1.0 - 0.7 | 7.0 - 4.6 | 13.0 - 8.6 | 10 | 10°02.5 | 10°04.1 | 9°35.1 | 1.0 - 0.7 | 7.0 - 4.7 | 13.0 - 8.8 | 10 | 10°17.5 | 10°19.2 | 9°49.4 | 1.0 - 0.7 | 7.0 - 4.8 | 13.0 - 9.0 |
| 11 | 9°47.7 | 9°49.4 | 9°21.0 | 1.1 - 0.7 | 7.1 - 4.7 | 13.1 - 8.6 | 11 | 10°02.7 | 10°04.4 | 9°35.3 | 1.1 - 0.7 | 7.1 - 4.8 | 13.1 - 8.8 | 11 | 10°17.7 | 10°19.4 | 9°49.6 | 1.1 - 0.8 | 7.1 - 4.9 | 13.1 - 9.1 |
| 12 | 9°48.0 | 9°49.6 | 9°21.2 | 1.2 - 0.8 | 7.2 - 4.7 | 13.2 - 8.7 | 12 | 10°03.0 | 10°04.6 | 9°35.5 | 1.2 - 0.8 | 7.2 - 4.9 | 13.2 - 8.9 | 12 | 10°18.0 | 10°19.7 | 9°49.8 | 1.2 - 0.8 | 7.2 - 5.0 | 13.2 - 9.1 |
| 13 | 9°48.3 | 9°49.9 | 9°21.5 | 1.3 - 0.9 | 7.3 - 4.8 | 13.3 - 8.8 | 13 | 10°03.3 | 10°04.9 | 9°35.8 | 1.3 - 0.9 | 7.3 - 4.9 | 13.3 - 9.0 | 13 | 10°18.3 | 10°19.9 | 9°50.1 | 1.3 - 0.9 | 7.3 - 5.0 | 13.3 - 9.2 |
| 14 | 9°48.5 | 9°50.1 | 9°21.7 | 1.4 - 0.9 | 7.4 - 4.9 | 13.4 - 8.8 | 14 | 10°03.5 | 10°05.1 | 9°36.0 | 1.4 - 0.9 | 7.4 - 5.0 | 13.4 - 9.0 | 14 | 10°18.5 | 10°20.2 | 9°50.3 | 1.4 - 1.0 | 7.4 - 5.1 | 13.4 - 9.3 |
| 15 | 9°48.8 | 9°50.4 | 9°21.9 | 1.5 - 1.0 | 7.5 - 4.9 | 13.5 - 8.9 | 15 | 10°03.8 | 10°05.4 | 9°36.2 | 1.5 - 1.0 | 7.5 - 5.1 | 13.5 - 9.1 | 15 | 10°18.8 | 10°20.4 | 9°50.6 | 1.5 - 1.0 | 7.5 - 5.2 | 13.5 - 9.3 |
| 16 | 9°49.0 | 9°50.6 | 9°22.2 | 1.6 - 1.1 | 7.6 - 5.0 | 13.6 - 9.0 | 16 | 10°04.0 | 10°05.7 | 9°36.5 | 1.6 - 1.1 | 7.6 - 5.1 | 13.6 - 9.2 | 16 | 10°19.0 | 10°20.7 | 9°50.8 | 1.6 - 1.1 | 7.6 - 5.3 | 13.6 - 9.4 |
| 17 | 9°49.2 | 9°50.9 | 9°22.4 | 1.7 - 1.1 | 7.7 - 5.1 | 13.7 - 9.0 | 17 | 10°04.2 | 10°05.9 | 9°36.7 | 1.7 - 1.1 | 7.7 - 5.2 | 13.7 - 9.2 | 17 | 10°19.2 | 10°20.9 | 9°51.0 | 1.7 - 1.2 | 7.7 - 5.3 | 13.7 - 9.5 |
| 18 | 9°49.5 | 9°51.1 | 9°22.6 | 1.8 - 1.2 | 7.8 - 5.1 | 13.8 - 9.1 | 18 | 10°04.5 | 10°06.2 | 9°37.0 | 1.8 - 1.2 | 7.8 - 5.3 | 13.8 - 9.3 | 18 | 10°19.5 | 10°21.2 | 9°51.3 | 1.8 - 1.2 | 7.8 - 5.4 | 13.8 - 9.5 |
| 19 | 9°49.8 | 9°51.4 | 9°22.9 | 1.9 - 1.3 | 7.9 - 5.2 | 13.9 - 9.2 | 19 | 10°04.8 | 10°06.4 | 9°37.2 | 1.9 - 1.3 | 7.9 - 5.3 | 13.9 - 9.4 | 19 | 10°19.8 | 10°21.4 | 9°51.5 | 1.9 - 1.3 | 7.9 - 5.5 | 13.9 - 9.6 |
| 20 | 9°50.0 | 9°51.6 | 9°23.1 | 2.0 - 1.3 | 8.0 - 5.3 | 14.0 - 9.2 | 20 | 10°05.0 | 10°06.7 | 9°37.4 | 2.0 - 1.4 | 8.0 - 5.4 | 14.0 - 9.5 | 20 | 10°20.0 | 10°21.7 | 9°51.8 | 2.0 - 1.4 | 8.0 - 5.5 | 14.0 - 9.7 |
| 21 | 9°50.3 | 9°51.9 | 9°23.4 | 2.1 - 1.4 | 8.1 - 5.3 | 14.1 - 9.3 | 21 | 10°05.3 | 10°06.9 | 9°37.7 | 2.1 - 1.4 | 8.1 - 5.5 | 14.1 - 9.5 | 21 | 10°20.3 | 10°21.9 | 9°52.0 | 2.1 - 1.5 | 8.1 - 5.6 | 14.1 - 9.8 |
| 22 | 9°50.5 | 9°52.1 | 9°23.6 | 2.2 - 1.4 | 8.2 - 5.4 | 14.2 - 9.3 | 22 | 10°05.5 | 10°07.2 | 9°37.9 | 2.2 - 1.5 | 8.2 - 5.5 | 14.2 - 9.6 | 22 | 10°20.5 | 10°22.2 | 9°52.2 | 2.2 - 1.5 | 8.2 - 5.7 | 14.2 - 9.8 |
| 23 | 9°50.7 | 9°52.4 | 9°23.8 | 2.3 - 1.5 | 8.3 - 5.5 | 14.3 - 9.4 | 23 | 10°05.7 | 10°07.4 | 9°38.2 | 2.3 - 1.6 | 8.3 - 5.6 | 14.3 - 9.7 | 23 | 10°20.7 | 10°22.4 | 9°52.5 | 2.3 - 1.6 | 8.3 - 5.7 | 14.3 - 9.9 |
| 24 | 9°51.0 | 9°52.6 | 9°24.1 | 2.4 - 1.6 | 8.4 - 5.5 | 14.4 - 9.5 | 24 | 10°06.0 | 10°07.7 | 9°38.4 | 2.4 - 1.6 | 8.4 - 5.7 | 14.4 - 9.7 | 24 | 10°21.0 | 10°22.7 | 9°52.7 | 2.4 - 1.7 | 8.4 - 5.8 | 14.4 - 10.0 |
| 25 | 9°51.2 | 9°52.9 | 9°24.3 | 2.5 - 1.6 | 8.5 - 5.6 | 14.5 - 9.5 | 25 | 10°06.2 | 10°07.9 | 9°38.6 | 2.5 - 1.7 | 8.5 - 5.7 | 14.5 - 9.8 | 25 | 10°21.2 | 10°22.9 | 9°52.9 | 2.5 - 1.7 | 8.5 - 5.9 | 14.5 - 10.0 |
| 26 | 9°51.5 | 9°53.1 | 9°24.6 | 2.6 - 1.7 | 8.6 - 5.7 | 14.6 - 9.6 | 26 | 10°06.5 | 10°08.2 | 9°38.9 | 2.6 - 1.8 | 8.6 - 5.8 | 14.6 - 9.9 | 26 | 10°21.5 | 10°23.2 | 9°53.2 | 2.6 - 1.8 | 8.6 - 5.9 | 14.6 - 10.1 |
| 27 | 9°51.8 | 9°53.4 | 9°24.8 | 2.7 - 1.8 | 8.7 - 5.7 | 14.7 - 9.7 | 27 | 10°06.8 | 10°08.4 | 9°39.1 | 2.7 - 1.8 | 8.7 - 5.9 | 14.7 - 9.9 | 27 | 10°21.8 | 10°23.4 | 9°53.4 | 2.7 - 1.9 | 8.7 - 6.0 | 14.7 - 10.2 |
| 28 | 9°52.0 | 9°53.6 | 9°25.0 | 2.8 - 1.8 | 8.8 - 5.8 | 14.8 - 9.7 | 28 | 10°07.0 | 10°08.7 | 9°39.3 | 2.8 - 1.9 | 8.8 - 5.9 | 14.8 - 10.0 | 28 | 10°22.0 | 10°23.7 | 9°53.7 | 2.8 - 1.9 | 8.8 - 6.1 | 14.8 - 10.2 |
| 29 | 9°52.3 | 9°53.9 | 9°25.3 | 2.9 - 1.9 | 8.9 - 5.9 | 14.9 - 9.8 | 29 | 10°07.3 | 10°08.9 | 9°39.6 | 2.9 - 2.0 | 8.9 - 6.0 | 14.9 - 10.1 | 29 | 10°22.3 | 10°24.0 | 9°53.9 | 2.9 - 2.0 | 8.9 - 6.2 | 14.9 - 10.3 |
| 30 | 9°52.5 | 9°54.1 | 9°25.5 | 3.0 - 2.0 | 9.0 - 5.9 | 15.0 - 9.9 | 30 | 10°07.5 | 10°09.2 | 9°39.8 | 3.0 - 2.0 | 9.0 - 6.1 | 15.0 - 10.1 | 30 | 10°22.5 | 10°24.2 | 9°54.1 | 3.0 - 2.1 | 9.0 - 6.2 | 15.0 - 10.4 |
| 31 | 9°52.7 | 9°54.4 | 9°25.7 | 3.1 - 2.0 | 9.1 - 6.0 | 15.1 - 9.9 | 31 | 10°07.7 | 10°09.4 | 9°40.1 | 3.1 - 2.1 | 9.1 - 6.1 | 15.1 - 10.2 | 31 | 10°22.7 | 10°24.5 | 9°54.4 | 3.1 - 2.1 | 9.1 - 6.3 | 15.1 - 10.4 |
| 32 | 9°53.0 | 9°54.6 | 9°26.0 | 3.2 - 2.1 | 9.2 - 6.1 | 15.2 - 10.0 | 32 | 10°08.0 | 10°09.7 | 9°40.3 | 3.2 - 2.2 | 9.2 - 6.2 | 15.2 - 10.3 | 32 | 10°23.0 | 10°24.7 | 9°54.6 | 3.2 - 2.2 | 9.2 - 6.4 | 15.2 - 10.5 |
| 33 | 9°53.2 | 9°54.9 | 9°26.2 | 3.3 - 2.2 | 9.3 - 6.1 | 15.3 - 10.1 | 33 | 10°08.2 | 10°09.9 | 9°40.5 | 3.3 - 2.2 | 9.3 - 6.3 | 15.3 - 10.3 | 33 | 10°23.2 | 10°25.0 | 9°54.9 | 3.3 - 2.3 | 9.3 - 6.4 | 15.3 - 10.6 |
| 34 | 9°53.5 | 9°55.1 | 9°26.5 | 3.4 - 2.2 | 9.4 - 6.2 | 15.4 - 10.1 | 34 | 10°08.5 | 10°10.2 | 9°40.8 | 3.4 - 2.3 | 9.4 - 6.3 | 15.4 - 10.4 | 34 | 10°23.5 | 10°25.2 | 9°55.1 | 3.4 - 2.4 | 9.4 - 6.5 | 15.4 - 10.7 |
| 35 | 9°53.8 | 9°55.4 | 9°26.7 | 3.5 - 2.3 | 9.5 - 6.3 | 15.5 - 10.2 | 35 | 10°08.8 | 10°10.4 | 9°41.0 | 3.5 - 2.4 | 9.5 - 6.4 | 15.5 - 10.5 | 35 | 10°23.8 | 10°25.5 | 9°55.3 | 3.5 - 2.4 | 9.5 - 6.6 | 15.5 - 10.7 |
| 36 | 9°54.0 | 9°55.6 | 9°26.9 | 3.6 - 2.4 | 9.6 - 6.3 | 15.6 - 10.3 | 36 | 10°09.0 | 10°10.7 | 9°41.3 | 3.6 - 2.4 | 9.6 - 6.5 | 15.6 - 10.5 | 36 | 10°24.0 | 10°25.7 | 9°55.6 | 3.6 - 2.5 | 9.6 - 6.6 | 15.6 - 10.8 |
| 37 | 9°54.3 | 9°55.9 | 9°27.2 | 3.7 - 2.4 | 9.7 - 6.4 | 15.7 - 10.3 | 37 | 10°09.3 | 10°10.9 | 9°41.5 | 3.7 - 2.5 | 9.7 - 6.5 | 15.7 - 10.6 | 37 | 10°24.3 | 10°26.0 | 9°55.8 | 3.7 - 2.6 | 9.7 - 6.7 | 15.7 - 10.9 |
| 38 | 9°54.5 | 9°56.1 | 9°27.4 | 3.8 - 2.5 | 9.8 - 6.5 | 15.8 - 10.4 | 38 | 10°09.5 | 10°11.2 | 9°41.7 | 3.8 - 2.6 | 9.8 - 6.6 | 15.8 - 10.7 | 38 | 10°24.5 | 10°26.2 | 9°56.1 | 3.8 - 2.6 | 9.8 - 6.8 | 15.8 - 10.9 |
| 39 | 9°54.7 | 9°56.4 | 9°27.7 | 3.9 - 2.6 | 9.9 - 6.5 | 15.9 - 10.5 | 39 | 10°09.7 | 10°11.4 | 9°42.0 | 3.9 - 2.6 | 9.9 - 6.7 | 15.9 - 10.7 | 39 | 10°24.7 | 10°26.5 | 9°56.3 | 3.9 - 2.7 | 9.9 - 6.8 | 15.9 - 11.0 |
| 40 | 9°55.0 | 9°56.6 | 9°27.9 | 4.0 - 2.6 | 10.0 - 6.6 | 16.0 - 10.5 | 40 | 10°10.0 | 10°11.7 | 9°42.2 | 4.0 - 2.7 | 10.0 - 6.8 | 16.0 - 10.8 | 40 | 10°25.0 | 10°26.7 | 9°56.5 | 4.0 - 2.8 | 10.0 - 6.9 | 16.0 - 11.1 |
| 41 | 9°55.2 | 9°56.9 | 9°28.1 | 4.1 - 2.7 | 10.1 - 6.6 | 16.1 - 10.6 | 41 | 10°10.2 | 10°11.9 | 9°42.4 | 4.1 - 2.8 | 10.1 - 6.8 | 16.1 - 10.9 | 41 | 10°25.2 | 10°27.0 | 9°56.8 | 4.1 - 2.8 | 10.1 - 7.0 | 16.1 - 11.1 |
| 42 | 9°55.5 | 9°57.1 | 9°28.4 | 4.2 - 2.8 | 10.2 - 6.7 | 16.2 - 10.7 | 42 | 10°10.5 | 10°12.2 | 9°42.7 | 4.2 - 2.8 | 10. | | | | | | | | |

Increments and Corrections

| m 42 | Sun Plan. | Aries | Moon | v and d corr | m 43 | Sun Plan. | Aries | Moon | v and d corr | m 44 | Sun Plan. | Aries | Moon | v and d corr | | | | | | |
|---------|--------------|---------|---------|--------------|------------|--------------|-------|---------|--------------|---------|--------------|------------|-------------|--------------|---------|---------|---------|-----------|------------|-----------------|
| 0 | 10°30.0 | 10°31.7 | 10°01.3 | 0.0 - 0.0 | 6.0 - 4.3 | 12.0 - 8.5 | 0 | 10°45.0 | 10°46.8 | 10°15.6 | 0.0 - 0.0 | 6.0 - 4.3 | 12.0 - 8.7 | 0 | 11°00.0 | 11°01.8 | 10°29.9 | 0.0 - 0.0 | 6.0 - 4.5 | 12.0 - 8.9 |
| 1 | 10°30.2 | 10°32.0 | 10°01.5 | 0.1 - 0.1 | 6.1 - 4.3 | 12.1 - 8.6 | 1 | 10°45.2 | 10°47.0 | 10°15.9 | 0.1 - 0.1 | 6.1 - 4.4 | 12.1 - 8.8 | 1 | 11°00.2 | 11°02.1 | 10°30.2 | 0.1 - 0.1 | 6.1 - 4.5 | 12.1 - 9.0 |
| 2 | 10°30.5 | 10°32.2 | 10°01.8 | 0.2 - 0.1 | 6.2 - 4.4 | 12.2 - 8.6 | 2 | 10°45.5 | 10°47.3 | 10°16.1 | 0.2 - 0.1 | 6.2 - 4.5 | 12.2 - 8.8 | 2 | 11°00.5 | 11°02.3 | 10°30.4 | 0.2 - 0.1 | 6.2 - 4.6 | 12.2 - 9.0 |
| 3 | 10°30.7 | 10°32.5 | 10°02.0 | 0.3 - 0.2 | 6.3 - 4.5 | 12.3 - 8.7 | 3 | 10°45.7 | 10°47.5 | 10°16.3 | 0.3 - 0.2 | 6.3 - 4.6 | 12.3 - 8.9 | 3 | 11°00.7 | 11°02.6 | 10°30.6 | 0.3 - 0.2 | 6.3 - 4.7 | 12.3 - 9.1 |
| 4 | 10°31.0 | 10°32.7 | 10°02.3 | 0.4 - 0.3 | 6.4 - 4.5 | 12.4 - 8.8 | 4 | 10°46.0 | 10°47.8 | 10°16.6 | 0.4 - 0.3 | 6.4 - 4.6 | 12.4 - 9.0 | 4 | 11°01.0 | 11°02.8 | 10°30.9 | 0.4 - 0.3 | 6.4 - 4.7 | 12.4 - 9.2 |
| 5 | 10°31.3 | 10°33.0 | 10°02.5 | 0.5 - 0.4 | 6.5 - 4.6 | 12.5 - 8.9 | 5 | 10°46.3 | 10°48.0 | 10°16.8 | 0.5 - 0.4 | 6.5 - 4.7 | 12.5 - 9.1 | 5 | 11°01.3 | 11°03.1 | 10°31.1 | 0.5 - 0.4 | 6.5 - 4.8 | 12.5 - 9.3 |
| 6 | 10°31.5 | 10°33.2 | 10°02.7 | 0.6 - 0.4 | 6.6 - 4.7 | 12.6 - 8.9 | 6 | 10°46.5 | 10°48.3 | 10°17.0 | 0.6 - 0.4 | 6.6 - 4.8 | 12.6 - 9.1 | 6 | 11°01.5 | 11°03.3 | 10°31.4 | 0.6 - 0.4 | 6.6 - 4.9 | 12.6 - 9.3 |
| 7 | 10°31.8 | 10°33.5 | 10°03.0 | 0.7 - 0.5 | 6.7 - 4.7 | 12.7 - 9.0 | 7 | 10°46.8 | 10°48.5 | 10°17.3 | 0.7 - 0.5 | 6.7 - 4.9 | 12.7 - 9.2 | 7 | 11°01.8 | 11°03.6 | 10°31.6 | 0.7 - 0.5 | 6.7 - 5.0 | 12.7 - 9.4 |
| 8 | 10°32.0 | 10°33.7 | 10°03.2 | 0.8 - 0.6 | 6.8 - 4.8 | 12.8 - 9.1 | 8 | 10°47.0 | 10°48.8 | 10°17.5 | 0.8 - 0.6 | 6.8 - 4.9 | 12.8 - 9.3 | 8 | 11°02.0 | 11°03.8 | 10°31.8 | 0.8 - 0.6 | 6.8 - 5.0 | 12.8 - 9.5 |
| 9 | 10°32.2 | 10°34.0 | 10°03.4 | 0.9 - 0.6 | 6.9 - 4.9 | 12.9 - 9.1 | 9 | 10°47.2 | 10°49.0 | 10°17.8 | 0.9 - 0.7 | 6.9 - 5.0 | 12.9 - 9.4 | 9 | 11°02.2 | 11°04.1 | 10°32.1 | 0.9 - 0.7 | 6.9 - 5.1 | 12.9 - 9.6 |
| 10 | 10°32.5 | 10°34.2 | 10°03.7 | 1.0 - 0.7 | 7.0 - 5.0 | 13.0 - 9.2 | 10 | 10°47.5 | 10°49.3 | 10°18.0 | 1.0 - 0.7 | 7.0 - 5.1 | 13.0 - 9.4 | 10 | 11°02.5 | 11°04.3 | 10°32.3 | 1.0 - 0.7 | 7.0 - 5.2 | 13.0 - 9.6 |
| 11 | 10°32.7 | 10°34.5 | 10°03.9 | 1.1 - 0.8 | 7.1 - 5.0 | 13.1 - 9.3 | 11 | 10°47.7 | 10°49.5 | 10°18.2 | 1.1 - 0.8 | 7.1 - 5.1 | 13.1 - 9.5 | 11 | 11°02.7 | 11°04.6 | 10°32.6 | 1.1 - 0.8 | 7.1 - 5.3 | 13.1 - 9.7 |
| 12 | 10°33.0 | 10°34.7 | 10°04.2 | 1.2 - 0.9 | 7.2 - 5.1 | 13.2 - 9.3 | 12 | 10°48.0 | 10°49.8 | 10°18.5 | 1.2 - 0.9 | 7.2 - 5.2 | 13.2 - 9.6 | 12 | 11°03.0 | 11°04.8 | 10°32.8 | 1.2 - 0.9 | 7.2 - 5.3 | 13.2 - 9.8 |
| 13 | 10°33.3 | 10°35.0 | 10°04.4 | 1.3 - 0.9 | 7.3 - 5.2 | 13.3 - 9.4 | 13 | 10°48.3 | 10°50.0 | 10°18.7 | 1.3 - 0.9 | 7.3 - 5.3 | 13.3 - 9.6 | 13 | 11°03.3 | 11°05.1 | 10°33.0 | 1.3 - 1.0 | 7.3 - 5.4 | 13.3 - 9.9 |
| 14 | 10°33.5 | 10°35.2 | 10°04.6 | 1.4 - 1.0 | 7.4 - 5.2 | 13.4 - 9.5 | 14 | 10°48.5 | 10°50.3 | 10°19.0 | 1.4 - 1.0 | 7.4 - 5.4 | 13.4 - 9.7 | 14 | 11°03.5 | 11°05.3 | 10°33.3 | 1.4 - 1.0 | 7.4 - 5.5 | 13.4 - 9.9 |
| 15 | 10°33.8 | 10°35.5 | 10°04.9 | 1.5 - 1.1 | 7.5 - 5.3 | 13.5 - 9.6 | 15 | 10°48.8 | 10°50.5 | 10°19.2 | 1.5 - 1.1 | 7.5 - 5.4 | 13.5 - 9.8 | 15 | 11°03.8 | 11°05.6 | 10°33.5 | 1.5 - 1.1 | 7.5 - 5.6 | 13.5 - 10.0 |
| 16 | 10°34.0 | 10°35.7 | 10°05.1 | 1.6 - 1.1 | 7.6 - 5.4 | 13.6 - 9.6 | 16 | 10°49.0 | 10°50.8 | 10°19.4 | 1.6 - 1.2 | 7.6 - 5.5 | 13.6 - 9.9 | 16 | 11°04.0 | 11°05.8 | 10°33.8 | 1.6 - 1.2 | 7.6 - 5.6 | 13.6 - 10.1 |
| 17 | 10°34.2 | 10°36.0 | 10°05.4 | 1.7 - 1.2 | 7.7 - 5.5 | 13.7 - 9.7 | 17 | 10°49.2 | 10°51.0 | 10°19.7 | 1.7 - 1.2 | 7.7 - 5.6 | 13.7 - 9.9 | 17 | 11°04.2 | 11°06.1 | 10°34.0 | 1.7 - 1.3 | 7.7 - 5.7 | 13.7 - 10.2 |
| 18 | 10°34.5 | 10°36.2 | 10°05.6 | 1.8 - 1.3 | 7.8 - 5.5 | 13.8 - 9.8 | 18 | 10°49.5 | 10°51.3 | 10°19.9 | 1.8 - 1.3 | 7.8 - 5.7 | 13.8 - 10.0 | 18 | 11°04.5 | 11°06.3 | 10°34.2 | 1.8 - 1.3 | 7.8 - 5.8 | 13.8 - 10.2 |
| 19 | 10°34.8 | 10°36.5 | 10°05.8 | 1.9 - 1.3 | 7.9 - 5.6 | 13.9 - 9.8 | 19 | 10°49.8 | 10°51.5 | 10°20.2 | 1.9 - 1.4 | 7.9 - 5.7 | 13.9 - 10.1 | 19 | 11°04.8 | 11°06.6 | 10°34.5 | 1.9 - 1.4 | 7.9 - 5.9 | 13.9 - 10.3 |
| 20 | 10°35.0 | 10°36.7 | 10°06.1 | 2.0 - 1.4 | 8.0 - 5.7 | 14.0 - 9.9 | 20 | 10°50.0 | 10°51.8 | 10°20.4 | 2.0 - 1.4 | 8.0 - 5.8 | 14.0 - 10.2 | 20 | 11°05.0 | 11°06.8 | 10°34.7 | 2.0 - 1.5 | 8.0 - 5.9 | 14.0 - 10.4 |
| 21 | 10°35.3 | 10°37.0 | 10°06.3 | 2.1 - 1.5 | 8.1 - 5.7 | 14.1 - 10.0 | 21 | 10°50.3 | 10°52.0 | 10°20.6 | 2.1 - 1.5 | 8.1 - 5.9 | 14.1 - 10.2 | 21 | 11°05.3 | 11°07.1 | 10°34.9 | 2.1 - 1.6 | 8.1 - 6.0 | 14.1 - 10.5 |
| 22 | 10°35.5 | 10°37.2 | 10°06.5 | 2.2 - 1.6 | 8.2 - 5.8 | 14.2 - 10.1 | 22 | 10°50.5 | 10°52.3 | 10°20.9 | 2.2 - 1.6 | 8.2 - 5.9 | 14.2 - 10.3 | 22 | 11°05.5 | 11°07.3 | 10°35.2 | 2.2 - 1.6 | 8.2 - 6.1 | 14.2 - 10.5 |
| 23 | 10°35.7 | 10°37.5 | 10°06.8 | 2.3 - 1.6 | 8.3 - 5.9 | 14.3 - 10.1 | 23 | 10°50.7 | 10°52.5 | 10°21.1 | 2.3 - 1.7 | 8.3 - 6.0 | 14.3 - 10.4 | 23 | 11°05.7 | 11°07.6 | 10°35.4 | 2.3 - 1.7 | 8.3 - 6.2 | 14.3 - 10.6 |
| 24 | 10°36.0 | 10°37.7 | 10°07.0 | 2.4 - 1.7 | 8.4 - 6.0 | 14.4 - 10.2 | 24 | 10°51.0 | 10°52.8 | 10°21.3 | 2.4 - 1.7 | 8.4 - 6.1 | 14.4 - 10.4 | 24 | 11°06.0 | 11°07.8 | 10°35.7 | 2.4 - 1.8 | 8.4 - 6.2 | 14.4 - 10.7 |
| 25 | 10°36.2 | 10°38.0 | 10°07.3 | 2.5 - 1.8 | 8.5 - 6.0 | 14.5 - 10.3 | 25 | 10°51.2 | 10°53.0 | 10°21.6 | 2.5 - 1.8 | 8.5 - 6.2 | 14.5 - 10.5 | 25 | 11°06.2 | 11°08.1 | 10°35.9 | 2.5 - 1.9 | 8.5 - 6.3 | 14.5 - 10.8 |
| 26 | 10°36.5 | 10°38.2 | 10°07.5 | 2.6 - 1.8 | 8.6 - 6.1 | 14.6 - 10.3 | 26 | 10°51.5 | 10°53.3 | 10°21.8 | 2.6 - 1.9 | 8.6 - 6.2 | 14.6 - 10.6 | 26 | 11°06.5 | 11°08.3 | 10°36.1 | 2.6 - 1.9 | 8.6 - 6.4 | 14.6 - 10.8 |
| 27 | 10°36.8 | 10°38.5 | 10°07.7 | 2.7 - 1.9 | 8.7 - 6.2 | 14.7 - 10.4 | 27 | 10°51.8 | 10°53.5 | 10°22.1 | 2.7 - 2.0 | 8.7 - 6.3 | 14.7 - 10.7 | 27 | 11°06.8 | 11°08.6 | 10°36.4 | 2.7 - 2.0 | 8.7 - 6.5 | 14.7 - 10.9 |
| 28 | 10°37.0 | 10°38.7 | 10°08.0 | 2.8 - 2.0 | 8.8 - 6.2 | 14.8 - 10.5 | 28 | 10°52.0 | 10°53.8 | 10°22.3 | 2.8 - 2.0 | 8.8 - 6.4 | 14.8 - 10.7 | 28 | 11°07.0 | 11°08.8 | 10°36.6 | 2.8 - 2.1 | 8.8 - 6.5 | 14.8 - 11.0 |
| 29 | 10°37.3 | 10°39.0 | 10°08.2 | 2.9 - 2.1 | 8.9 - 6.3 | 14.9 - 10.6 | 29 | 10°52.3 | 10°54.0 | 10°22.5 | 2.9 - 2.1 | 8.9 - 6.5 | 14.9 - 10.8 | 29 | 11°07.3 | 11°09.1 | 10°36.9 | 2.9 - 2.2 | 8.9 - 6.6 | 14.9 - 11.1 |
| 30 | 10°37.5 | 10°39.2 | 10°08.5 | 3.0 - 2.1 | 9.0 - 6.4 | 15.0 - 10.6 | 30 | 10°52.5 | 10°54.3 | 10°22.8 | 3.0 - 2.2 | 9.0 - 6.5 | 15.0 - 10.9 | 30 | 11°07.5 | 11°09.3 | 10°37.1 | 3.0 - 2.2 | 9.0 - 6.7 | 15.0 - 11.1 |
| 31 | 10°37.7 | 10°39.5 | 10°08.7 | 3.1 - 2.2 | 9.1 - 6.4 | 15.1 - 10.7 | 31 | 10°52.7 | 10°54.5 | 10°23.0 | 3.1 - 2.2 | 9.1 - 6.6 | 15.1 - 10.9 | 31 | 11°07.7 | 11°09.6 | 10°37.3 | 3.1 - 2.3 | 9.1 - 6.7 | 15.1 - 11.2 |
| 32 | 10°38.0 | 10°39.7 | 10°08.9 | 3.2 - 2.3 | 9.2 - 6.5 | 15.2 - 10.8 | 32 | 10°53.0 | 10°54.8 | 10°23.3 | 3.2 - 2.3 | 9.2 - 6.7 | 15.2 - 11.0 | 32 | 11°08.0 | 11°09.8 | 10°37.6 | 3.2 - 2.4 | 9.2 - 6.8 | 15.2 - 11.3 |
| 33 | 10°38.2 | 10°40.0 | 10°09.2 | 3.3 - 2.3 | 9.3 - 6.6 | 15.3 - 10.8 | 33 | 10°53.2 | 10°55.0 | 10°23.5 | 3.3 - 2.4 | 9.3 - 6.7 | 15.3 - 11.1 | 33 | 11°08.2 | 11°10.1 | 10°37.8 | 3.3 - 2.4 | 9.3 - 6.9 | 15.3 - 11.3 |
| 34 | 10°38.5 | 10°40.2 | 10°09.4 | 3.4 - 2.4 | 9.4 - 6.7 | 15.4 - 10.9 | 34 | 10°53.5 | 10°55.3 | 10°23.7 | 3.4 - 2.5 | 9.4 - 6.8 | 15.4 - 11.2 | 34 | 11°08.5 | 11°10.3 | 10°38.0 | 3.4 - 2.5 | 9.4 - 7.0 | 15.4 - 11.4 |
| 35 | 10°38.8 | 10°40.5 | 10°09.7 | 3.5 - 2.5 | 9.5 - 6.7 | 15.5 - 11.0 | 35 | 10°53.8 | 10°55.5 | 10°24.0 | 3.5 - 2.5 | 9.5 - 6.9 | 15.5 - 11.2 | 35 | 11°08.8 | 11°10.6 | 10°38.3 | 3.5 - 2.6 | 9.5 - 7.0 | 15.5 - 11.5 |
| 36 | 10°39.0 | 10°40.7 | 10°09.9 | 3.6 - 2.6 | 9.6 - 6.8 | 15.6 - 11.1 | 36 | 10°54.0 | 10°55.8 | 10°24.2 | 3.6 - 2.6 | 9.6 - 7.0 | 15.6 - 11.3 | 36 | 11°09.0 | 11°10.8 | 10°38.5 | 3.6 - 2.7 | 9.6 - 7.1 | 15.6 - 11.6 |
| 37 | 10°39.3 | 10°41.0 | 10°10.1 | 3.7 - 2.6 | 9.7 - 6.9 | 15.7 - 11.1 | 37 | 10°54.3 | 10°56.0 | 10°24.4 | 3.7 - 2.7 | 9.7 - 7.0 | 15.7 - 11.4 | 37 | 11°09.3 | 11°11.1 | 10°38.8 | 3.7 - 2.7 | 9.7 - 7.2 | 15.7 - 11.6 |
| 38 | 10°39.5 | 10°41.2 | 10°10.4 | 3.8 - 2.7 | 9.8 - 6.9 | 15.8 - 11.2 | 38 | 10°54.5 | 10°56.3 | 10°24.7 | 3.8 - 2.8 | 9.8 - 7.1 | 15.8 - 11.5 | 38 | 11°09.5 | 11°11.3 | 10°39.0 | 3.8 - 2.8 | 9.8 - 7.3 | 15.8 - 11.7 |
| 39 | 10°39.7 | 10°41.5 | 10°10.6 | 3.9 - 2.8 | 9.9 - 7.0 | 15.9 - 11.3 | 39 | 10°54.7 | 10°56.5 | 10°24.9 | 3.9 - 2.8 | 9.9 - 7.2 | 15.9 - 11.5 | 39 | 11°09.7 | 11°11.6 | 10°39.2 | 3.9 - 2.9 | 9.9 - 7.3 | 15.9 - 11.8 |
| 40 | 10°40.0 | 10°41.7 | 10°10.8 | 4.0 - 2.8 | 10.0 - 7.1 | 16.0 - 11.3 | 40 | 10°55.0 | 10°56.8 | 10°25.2 | 4.0 - 2.9 | 10.0 - 7.3 | 16.0 - 11.6 | 40 | 11°10.0 | 11°11.8 | 10°39.5 | 4.0 - 3.0 | 10.0 - 7.4 | 16.0 - 11.9 |
| 41 | 10°40.2 | 10°42.0 | 10°11.1 | 4.1 - 2.9 | 10.1 - 7.2 | 16.1 - 11.4 | 41 | 10°55.2 | 10°57.0 | 10°25.4 | 4.1 - 3.0 | 10.1 - 7.3 | 16.1 - 11.7 | 41 | 11°10.2 | 11°12.1 | 10°39.7 | 4.1 - 3.0 | 10.1 - 7.5 | 16.1 - 11.9</td |

Increments and Corrections

| m 45 | Sun Plan. | Aries | Moon | v and d corr | m 46 | Sun Plan. | Aries | Moon | v and d corr | m 47 | Sun Plan. | Aries | Moon | v and d corr | | | | | | |
|---------|--------------|---------|---------|--------------|------------|--------------|-------|---------|--------------|---------|--------------|------------|-------------|--------------|---------|---------|---------|-----------|------------|-------------|
| 0 | 11°15.0 | 11°16.8 | 10°44.3 | 0.0 - 0.0 | 6.0 - 4.5 | 12.0 - 9.1 | 0 | 11°30.0 | 11°31.9 | 10°58.6 | 0.0 - 0.0 | 6.0 - 4.7 | 12.0 - 9.3 | 0 | 11°45.0 | 11°46.9 | 11°12.9 | 0.0 - 0.0 | 6.0 - 4.8 | 12.0 - 9.5 |
| 1 | 11°15.2 | 11°17.1 | 10°44.5 | 0.1 - 0.1 | 6.1 - 4.6 | 12.1 - 9.2 | 1 | 11°30.2 | 11°32.1 | 10°58.8 | 0.1 - 0.1 | 6.1 - 4.7 | 12.1 - 9.4 | 1 | 11°45.2 | 11°47.2 | 11°13.1 | 0.1 - 0.1 | 6.1 - 4.8 | 12.1 - 9.6 |
| 2 | 11°15.5 | 11°17.3 | 10°44.7 | 0.2 - 0.2 | 6.2 - 4.7 | 12.2 - 9.3 | 2 | 11°30.5 | 11°32.4 | 10°59.0 | 0.2 - 0.2 | 6.2 - 4.8 | 12.2 - 9.5 | 2 | 11°45.5 | 11°47.4 | 11°13.4 | 0.2 - 0.2 | 6.2 - 4.9 | 12.2 - 9.7 |
| 3 | 11°15.7 | 11°17.6 | 10°45.0 | 0.3 - 0.2 | 6.3 - 4.8 | 12.3 - 9.3 | 3 | 11°30.7 | 11°32.6 | 10°59.3 | 0.3 - 0.2 | 6.3 - 4.9 | 12.3 - 9.5 | 3 | 11°45.7 | 11°47.7 | 11°13.6 | 0.3 - 0.2 | 6.3 - 5.0 | 12.3 - 9.7 |
| 4 | 11°16.0 | 11°17.8 | 10°45.2 | 0.4 - 0.3 | 6.4 - 4.9 | 12.4 - 9.4 | 4 | 11°31.0 | 11°32.9 | 10°59.5 | 0.4 - 0.3 | 6.4 - 5.0 | 12.4 - 9.6 | 4 | 11°46.0 | 11°47.9 | 11°13.8 | 0.4 - 0.3 | 6.4 - 5.1 | 12.4 - 9.8 |
| 5 | 11°16.3 | 11°18.1 | 10°45.4 | 0.5 - 0.4 | 6.5 - 4.9 | 12.5 - 9.5 | 5 | 11°31.3 | 11°33.1 | 10°59.8 | 0.5 - 0.4 | 6.5 - 5.0 | 12.5 - 9.7 | 5 | 11°46.3 | 11°48.2 | 11°14.1 | 0.5 - 0.4 | 6.5 - 5.1 | 12.5 - 9.9 |
| 6 | 11°16.5 | 11°18.3 | 10°45.7 | 0.6 - 0.5 | 6.6 - 5.0 | 12.6 - 9.6 | 6 | 11°31.5 | 11°33.4 | 11°00.0 | 0.6 - 0.5 | 6.6 - 5.1 | 12.6 - 9.8 | 6 | 11°46.5 | 11°48.4 | 11°14.3 | 0.6 - 0.5 | 6.6 - 5.2 | 12.6 - 10.0 |
| 7 | 11°16.8 | 11°18.6 | 10°45.9 | 0.7 - 0.5 | 6.7 - 5.1 | 12.7 - 9.6 | 7 | 11°31.8 | 11°33.6 | 11°00.2 | 0.7 - 0.5 | 6.7 - 5.2 | 12.7 - 9.8 | 7 | 11°46.8 | 11°48.7 | 11°14.6 | 0.7 - 0.6 | 6.7 - 5.3 | 12.7 - 10.1 |
| 8 | 11°17.0 | 11°18.9 | 10°46.2 | 0.8 - 0.6 | 6.8 - 5.2 | 12.8 - 9.7 | 8 | 11°32.0 | 11°33.9 | 11°00.5 | 0.8 - 0.6 | 6.8 - 5.3 | 12.8 - 9.9 | 8 | 11°47.0 | 11°48.9 | 11°14.8 | 0.8 - 0.6 | 6.8 - 5.4 | 12.8 - 10.1 |
| 9 | 11°17.2 | 11°19.1 | 10°46.4 | 0.9 - 0.7 | 6.9 - 5.2 | 12.9 - 9.8 | 9 | 11°32.2 | 11°34.1 | 11°00.7 | 0.9 - 0.7 | 6.9 - 5.3 | 12.9 - 10.0 | 9 | 11°47.2 | 11°49.2 | 11°15.0 | 0.9 - 0.7 | 6.9 - 5.5 | 12.9 - 10.2 |
| 10 | 11°17.5 | 11°19.4 | 10°46.6 | 1.0 - 0.8 | 7.0 - 5.3 | 13.0 - 9.9 | 10 | 11°32.5 | 11°34.4 | 11°01.0 | 1.0 - 0.8 | 7.0 - 5.4 | 13.0 - 10.1 | 10 | 11°47.5 | 11°49.4 | 11°15.3 | 1.0 - 0.8 | 7.0 - 5.5 | 13.0 - 10.3 |
| 11 | 11°17.7 | 11°19.6 | 10°46.9 | 1.1 - 0.8 | 7.1 - 5.4 | 13.1 - 9.9 | 11 | 11°32.7 | 11°34.6 | 11°01.2 | 1.1 - 0.9 | 7.1 - 5.5 | 13.1 - 10.2 | 11 | 11°47.7 | 11°49.7 | 11°15.5 | 1.1 - 0.9 | 7.1 - 5.6 | 13.1 - 10.4 |
| 12 | 11°18.0 | 11°19.9 | 10°47.1 | 1.2 - 0.9 | 7.2 - 5.5 | 13.2 - 10.0 | 12 | 11°33.0 | 11°34.9 | 11°01.4 | 1.2 - 0.9 | 7.2 - 5.6 | 13.2 - 10.2 | 12 | 11°48.0 | 11°49.9 | 11°15.7 | 1.2 - 1.0 | 7.2 - 5.7 | 13.2 - 10.4 |
| 13 | 11°18.3 | 11°20.1 | 10°47.4 | 1.3 - 1.0 | 7.3 - 5.5 | 13.3 - 10.1 | 13 | 11°33.3 | 11°35.1 | 11°01.7 | 1.3 - 1.0 | 7.3 - 5.7 | 13.3 - 10.3 | 13 | 11°48.3 | 11°50.2 | 11°16.0 | 1.3 - 1.0 | 7.3 - 5.8 | 13.3 - 10.5 |
| 14 | 11°18.5 | 11°20.4 | 10°47.6 | 1.4 - 1.1 | 7.4 - 5.6 | 13.4 - 10.2 | 14 | 11°33.5 | 11°35.4 | 11°01.9 | 1.4 - 1.1 | 7.4 - 5.7 | 13.4 - 10.4 | 14 | 11°48.5 | 11°50.4 | 11°16.2 | 1.4 - 1.1 | 7.4 - 5.9 | 13.4 - 10.6 |
| 15 | 11°18.8 | 11°20.6 | 10°47.8 | 1.5 - 1.1 | 7.5 - 5.7 | 13.5 - 10.2 | 15 | 11°33.8 | 11°35.6 | 11°02.1 | 1.5 - 1.2 | 7.5 - 5.8 | 13.5 - 10.5 | 15 | 11°48.8 | 11°50.7 | 11°16.5 | 1.5 - 1.2 | 7.5 - 5.9 | 13.5 - 10.7 |
| 16 | 11°19.0 | 11°20.9 | 10°48.1 | 1.6 - 1.2 | 7.6 - 5.8 | 13.6 - 10.3 | 16 | 11°34.0 | 11°35.9 | 11°02.4 | 1.6 - 1.2 | 7.6 - 5.9 | 13.6 - 10.5 | 16 | 11°49.0 | 11°50.9 | 11°16.7 | 1.6 - 1.3 | 7.6 - 6.0 | 13.6 - 10.8 |
| 17 | 11°19.2 | 11°21.1 | 10°48.3 | 1.7 - 1.3 | 7.7 - 5.8 | 13.7 - 10.4 | 17 | 11°34.2 | 11°36.1 | 11°02.6 | 1.7 - 1.3 | 7.7 - 6.0 | 13.7 - 10.6 | 17 | 11°49.2 | 11°51.2 | 11°16.9 | 1.7 - 1.3 | 7.7 - 6.1 | 13.7 - 10.8 |
| 18 | 11°19.5 | 11°21.4 | 10°48.5 | 1.8 - 1.4 | 7.8 - 5.9 | 13.8 - 10.5 | 18 | 11°34.5 | 11°36.4 | 11°02.9 | 1.8 - 1.4 | 7.8 - 6.0 | 13.8 - 10.7 | 18 | 11°49.5 | 11°51.4 | 11°17.2 | 1.8 - 1.4 | 7.8 - 6.2 | 13.8 - 10.9 |
| 19 | 11°19.8 | 11°21.6 | 10°48.8 | 1.9 - 1.4 | 7.9 - 6.0 | 13.9 - 10.5 | 19 | 11°34.8 | 11°36.6 | 11°03.1 | 1.9 - 1.5 | 7.9 - 6.1 | 13.9 - 10.8 | 19 | 11°49.8 | 11°51.7 | 11°17.4 | 1.9 - 1.5 | 7.9 - 6.3 | 13.9 - 11.0 |
| 20 | 11°20.0 | 11°21.9 | 10°49.0 | 2.0 - 1.5 | 8.0 - 6.1 | 14.0 - 10.6 | 20 | 11°35.0 | 11°36.9 | 11°03.3 | 2.0 - 1.6 | 8.0 - 6.2 | 14.0 - 10.8 | 20 | 11°50.0 | 11°51.9 | 11°17.7 | 2.0 - 1.6 | 8.0 - 6.3 | 14.0 - 11.1 |
| 21 | 11°20.3 | 11°22.1 | 10°49.3 | 2.1 - 1.6 | 8.1 - 6.1 | 14.1 - 10.7 | 21 | 11°35.3 | 11°37.2 | 11°03.6 | 2.1 - 1.6 | 8.1 - 6.3 | 14.1 - 10.9 | 21 | 11°50.3 | 11°52.2 | 11°17.9 | 2.1 - 1.7 | 8.1 - 6.4 | 14.1 - 11.2 |
| 22 | 11°20.5 | 11°22.4 | 10°49.5 | 2.2 - 1.7 | 8.2 - 6.2 | 14.2 - 10.8 | 22 | 11°35.5 | 11°37.4 | 11°03.8 | 2.2 - 1.7 | 8.2 - 6.4 | 14.2 - 11.0 | 22 | 11°50.5 | 11°52.4 | 11°18.1 | 2.2 - 1.7 | 8.2 - 6.5 | 14.2 - 11.2 |
| 23 | 11°20.7 | 11°22.6 | 10°49.7 | 2.3 - 1.7 | 8.3 - 6.3 | 14.3 - 10.8 | 23 | 11°35.7 | 11°37.7 | 11°04.1 | 2.3 - 1.8 | 8.3 - 6.4 | 14.3 - 11.1 | 23 | 11°50.7 | 11°52.7 | 11°18.4 | 2.3 - 1.8 | 8.3 - 6.6 | 14.3 - 11.3 |
| 24 | 11°21.0 | 11°22.9 | 10°50.0 | 2.4 - 1.8 | 8.4 - 6.4 | 14.4 - 10.9 | 24 | 11°36.0 | 11°37.9 | 11°04.3 | 2.4 - 1.9 | 8.4 - 6.5 | 14.4 - 11.2 | 24 | 11°51.0 | 11°52.9 | 11°18.6 | 2.4 - 1.9 | 8.4 - 6.7 | 14.4 - 11.4 |
| 25 | 11°21.2 | 11°23.1 | 10°50.2 | 2.5 - 1.9 | 8.5 - 6.4 | 14.5 - 11.0 | 25 | 11°36.2 | 11°38.2 | 11°04.5 | 2.5 - 1.9 | 8.5 - 6.6 | 14.5 - 11.2 | 25 | 11°51.2 | 11°53.2 | 11°18.8 | 2.5 - 2.0 | 8.5 - 6.7 | 14.5 - 11.5 |
| 26 | 11°21.5 | 11°23.4 | 10°50.5 | 2.6 - 2.0 | 8.6 - 6.5 | 14.6 - 11.1 | 26 | 11°36.5 | 11°38.4 | 11°04.8 | 2.6 - 2.0 | 8.6 - 6.7 | 14.6 - 11.3 | 26 | 11°51.5 | 11°53.4 | 11°19.1 | 2.6 - 2.1 | 8.6 - 6.8 | 14.6 - 11.6 |
| 27 | 11°21.8 | 11°23.6 | 10°50.7 | 2.7 - 2.0 | 8.7 - 6.6 | 14.7 - 11.1 | 27 | 11°36.8 | 11°38.7 | 11°05.0 | 2.7 - 2.1 | 8.7 - 6.7 | 14.7 - 11.4 | 27 | 11°51.8 | 11°53.7 | 11°19.3 | 2.7 - 2.1 | 8.7 - 6.9 | 14.7 - 11.6 |
| 28 | 11°22.0 | 11°23.9 | 10°50.9 | 2.8 - 2.1 | 8.8 - 6.7 | 14.8 - 11.2 | 28 | 11°37.0 | 11°38.9 | 11°05.2 | 2.8 - 2.2 | 8.8 - 6.8 | 14.8 - 11.5 | 28 | 11°52.0 | 11°53.9 | 11°19.6 | 2.8 - 2.2 | 8.8 - 7.0 | 14.8 - 11.7 |
| 29 | 11°22.3 | 11°24.1 | 10°51.2 | 2.9 - 2.2 | 8.9 - 6.7 | 14.9 - 11.3 | 29 | 11°37.3 | 11°39.2 | 11°05.5 | 2.9 - 2.2 | 8.9 - 6.9 | 14.9 - 11.5 | 29 | 11°52.3 | 11°54.2 | 11°19.8 | 2.9 - 2.3 | 8.9 - 7.0 | 14.9 - 11.8 |
| 30 | 11°22.5 | 11°24.4 | 10°51.4 | 3.0 - 2.3 | 9.0 - 6.8 | 15.0 - 11.4 | 30 | 11°37.5 | 11°39.4 | 11°05.7 | 3.0 - 2.3 | 9.0 - 7.0 | 15.0 - 11.6 | 30 | 11°52.5 | 11°54.4 | 11°20.0 | 3.0 - 2.4 | 9.0 - 7.1 | 15.0 - 11.9 |
| 31 | 11°22.7 | 11°24.6 | 10°51.6 | 3.1 - 2.4 | 9.1 - 6.9 | 15.1 - 11.5 | 31 | 11°37.7 | 11°39.7 | 11°06.0 | 3.1 - 2.4 | 9.1 - 7.1 | 15.1 - 11.7 | 31 | 11°52.7 | 11°54.7 | 11°20.3 | 3.1 - 2.5 | 9.1 - 7.2 | 15.1 - 12.0 |
| 32 | 11°23.0 | 11°24.9 | 10°51.9 | 3.2 - 2.4 | 9.2 - 7.0 | 15.2 - 11.5 | 32 | 11°38.0 | 11°39.9 | 11°06.2 | 3.2 - 2.5 | 9.2 - 7.1 | 15.2 - 11.8 | 32 | 11°53.0 | 11°54.9 | 11°20.5 | 3.2 - 2.5 | 9.2 - 7.3 | 15.2 - 12.0 |
| 33 | 11°23.2 | 11°25.1 | 10°52.1 | 3.3 - 2.5 | 9.3 - 7.1 | 15.3 - 11.6 | 33 | 11°38.2 | 11°40.2 | 11°06.4 | 3.3 - 2.6 | 9.3 - 7.2 | 15.3 - 11.9 | 33 | 11°53.2 | 11°55.2 | 11°20.8 | 3.3 - 2.6 | 9.3 - 7.4 | 15.3 - 12.1 |
| 34 | 11°23.5 | 11°25.4 | 10°52.4 | 3.4 - 2.6 | 9.4 - 7.1 | 15.4 - 11.7 | 34 | 11°38.5 | 11°40.4 | 11°06.7 | 3.4 - 2.6 | 9.4 - 7.3 | 15.4 - 11.9 | 34 | 11°53.5 | 11°55.5 | 11°21.0 | 3.4 - 2.7 | 9.4 - 7.4 | 15.4 - 12.2 |
| 35 | 11°23.8 | 11°25.6 | 10°52.6 | 3.5 - 2.7 | 9.5 - 7.2 | 15.5 - 11.8 | 35 | 11°38.8 | 11°40.7 | 11°06.9 | 3.5 - 2.7 | 9.5 - 7.4 | 15.5 - 12.0 | 35 | 11°53.8 | 11°55.7 | 11°21.2 | 3.5 - 2.8 | 9.5 - 7.5 | 15.5 - 12.3 |
| 36 | 11°24.0 | 11°25.9 | 10°52.8 | 3.6 - 2.7 | 9.6 - 7.3 | 15.6 - 11.8 | 36 | 11°39.0 | 11°40.9 | 11°07.2 | 3.6 - 2.8 | 9.6 - 7.4 | 15.6 - 12.1 | 36 | 11°54.0 | 11°56.0 | 11°21.5 | 3.6 - 2.9 | 9.6 - 7.6 | 15.6 - 12.3 |
| 37 | 11°24.3 | 11°26.1 | 10°53.1 | 3.7 - 2.8 | 9.7 - 7.4 | 15.7 - 11.9 | 37 | 11°39.3 | 11°41.2 | 11°07.4 | 3.7 - 2.9 | 9.7 - 7.5 | 15.7 - 12.2 | 37 | 11°54.3 | 11°56.2 | 11°21.7 | 3.7 - 2.9 | 9.7 - 7.7 | 15.7 - 12.4 |
| 38 | 11°24.5 | 11°26.4 | 10°53.3 | 3.8 - 2.9 | 9.8 - 7.4 | 15.8 - 12.0 | 38 | 11°39.5 | 11°41.4 | 11°07.6 | 3.8 - 2.9 | 9.8 - 7.6 | 15.8 - 12.2 | 38 | 11°54.5 | 11°56.5 | 11°22.0 | 3.8 - 3.0 | 9.8 - 7.8 | 15.8 - 12.5 |
| 39 | 11°24.7 | 11°26.6 | 10°53.6 | 3.9 - 3.0 | 9.9 - 7.5 | 15.9 - 12.1 | 39 | 11°39.7 | 11°41.7 | 11°07.9 | 3.9 - 3.0 | 9.9 - 7.7 | 15.9 - 12.3 | 39 | 11°54.7 | 11°56.7 | 11°22.2 | 3.9 - 3.1 | 9.9 - 7.8 | 15.9 - 12.6 |
| 40 | 11°25.0 | 11°26.9 | 10°53.8 | 4.0 - 3.0 | 10.0 - 7.6 | 16.0 - 12.1 | 40 | 11°40.0 | 11°41.9 | 11°08.1 | 4.0 - 3.1 | 10.0 - 7.8 | 16.0 - 12.4 | 40 | 11°55.0 | 11°57.0 | 11°22.4 | 4.0 - 3.2 | 10.0 - 7.9 | 16.0 - 12.7 |
| 41 | 11°25.2 | 11°27.1 | 10°54.0 | 4.1 - 3.1 | 10.1 - 7.7 | 16.1 - 12.2 | 41 | 11°40.2 | 11°42.2 | 11°08.3 | 4.1 - 3.2 | 10.1 - 7.8 | 16.1 - 12.5 | 41 | 11°55.2 | 11°57.2 | 11°22.7 | 4.1 - 3.2 | | |

Increments and Corrections

| m 48 | Sun Plan. | Aries | Moon | v and d corr | | | m 49 | Sun Plan. | Aries | Moon | v and d corr | | | m 50 | Sun Plan. | Aries | Moon | v and d corr | | |
|---------|--------------|---------|---------|--------------|------------|-------------|---------|--------------|---------|---------|--------------|------------|-------------|---------|--------------|---------|---------|--------------|------------|-------------|
| 0 | 12°00.0 | 12°02.0 | 11°27.2 | 0.0 - 0.0 | 6.0 - 4.8 | 12.0 - 9.7 | 0 | 12°15.0 | 12°17.0 | 11°41.5 | 0.0 - 0.0 | 6.0 - 4.9 | 12.0 - 9.9 | 0 | 12°30.0 | 12°32.1 | 11°55.8 | 0.0 - 0.0 | 6.0 - 5.0 | 12.0 - 10.1 |
| 1 | 12°00.2 | 12°02.2 | 11°27.4 | 0.1 - 0.1 | 6.1 - 4.9 | 12.1 - 9.8 | 1 | 12°15.2 | 12°17.3 | 11°41.8 | 0.1 - 0.1 | 6.1 - 5.0 | 12.1 - 10.0 | 1 | 12°30.2 | 12°32.3 | 11°56.1 | 0.1 - 0.1 | 6.1 - 5.1 | 12.1 - 10.2 |
| 2 | 12°00.5 | 12°02.5 | 11°27.7 | 0.2 - 0.2 | 6.2 - 5.0 | 12.2 - 9.9 | 2 | 12°15.5 | 12°17.5 | 11°42.0 | 0.2 - 0.2 | 6.2 - 5.1 | 12.2 - 10.1 | 2 | 12°30.5 | 12°32.6 | 11°56.3 | 0.2 - 0.2 | 6.2 - 5.2 | 12.2 - 10.3 |
| 3 | 12°00.7 | 12°02.7 | 11°27.9 | 0.3 - 0.2 | 6.3 - 5.1 | 12.3 - 9.9 | 3 | 12°15.7 | 12°17.8 | 11°42.2 | 0.3 - 0.2 | 6.3 - 5.2 | 12.3 - 10.1 | 3 | 12°30.7 | 12°32.8 | 11°56.5 | 0.3 - 0.3 | 6.3 - 5.3 | 12.3 - 10.4 |
| 4 | 12°01.0 | 12°03.0 | 11°28.2 | 0.4 - 0.3 | 6.4 - 5.2 | 12.4 - 10.0 | 4 | 12°16.0 | 12°18.0 | 11°42.5 | 0.4 - 0.3 | 6.4 - 5.3 | 12.4 - 10.2 | 4 | 12°31.0 | 12°33.1 | 11°56.8 | 0.4 - 0.3 | 6.4 - 5.4 | 12.4 - 10.4 |
| 5 | 12°01.3 | 12°03.2 | 11°28.4 | 0.5 - 0.4 | 6.5 - 5.3 | 12.5 - 10.1 | 5 | 12°16.3 | 12°18.3 | 11°42.7 | 0.5 - 0.4 | 6.5 - 5.4 | 12.5 - 10.3 | 5 | 12°31.3 | 12°33.3 | 11°57.0 | 0.5 - 0.4 | 6.5 - 5.5 | 12.5 - 10.5 |
| 6 | 12°01.5 | 12°03.5 | 11°28.6 | 0.6 - 0.5 | 6.6 - 5.3 | 12.6 - 10.2 | 6 | 12°16.5 | 12°18.5 | 11°42.9 | 0.6 - 0.5 | 6.6 - 5.4 | 12.6 - 10.4 | 6 | 12°31.5 | 12°33.6 | 11°57.3 | 0.6 - 0.5 | 6.6 - 5.6 | 12.6 - 10.6 |
| 7 | 12°01.8 | 12°03.7 | 11°28.9 | 0.7 - 0.6 | 6.7 - 5.4 | 12.7 - 10.3 | 7 | 12°16.8 | 12°18.8 | 11°43.2 | 0.7 - 0.6 | 6.7 - 5.5 | 12.7 - 10.5 | 7 | 12°31.8 | 12°33.8 | 11°57.5 | 0.7 - 0.6 | 6.7 - 5.6 | 12.7 - 10.7 |
| 8 | 12°02.0 | 12°04.0 | 11°29.1 | 0.8 - 0.6 | 6.8 - 5.5 | 12.8 - 10.3 | 8 | 12°17.0 | 12°19.0 | 11°43.4 | 0.8 - 0.7 | 6.8 - 5.6 | 12.8 - 10.6 | 8 | 12°32.0 | 12°34.1 | 11°57.7 | 0.8 - 0.7 | 6.8 - 5.7 | 12.8 - 10.8 |
| 9 | 12°02.2 | 12°04.2 | 11°29.3 | 0.9 - 0.7 | 6.9 - 5.6 | 12.9 - 10.4 | 9 | 12°17.2 | 12°19.3 | 11°43.7 | 0.9 - 0.7 | 6.9 - 5.7 | 12.9 - 10.6 | 9 | 12°32.2 | 12°34.3 | 11°58.0 | 0.9 - 0.8 | 6.9 - 5.8 | 12.9 - 10.9 |
| 10 | 12°02.5 | 12°04.5 | 11°29.6 | 1.0 - 0.8 | 7.0 - 5.7 | 13.0 - 10.5 | 10 | 12°17.5 | 12°19.5 | 11°43.9 | 1.0 - 0.8 | 7.0 - 5.8 | 13.0 - 10.7 | 10 | 12°32.5 | 12°34.6 | 11°58.2 | 1.0 - 0.8 | 7.0 - 5.9 | 13.0 - 10.9 |
| 11 | 12°02.7 | 12°04.7 | 11°29.8 | 1.1 - 0.9 | 7.1 - 5.7 | 13.1 - 10.6 | 11 | 12°17.7 | 12°19.8 | 11°44.1 | 1.1 - 0.9 | 7.1 - 5.9 | 13.1 - 10.8 | 11 | 12°32.7 | 12°34.8 | 11°58.5 | 1.1 - 0.9 | 7.1 - 6.0 | 13.1 - 11.0 |
| 12 | 12°03.0 | 12°05.0 | 11°30.1 | 1.2 - 1.0 | 7.2 - 5.8 | 13.2 - 10.7 | 12 | 12°18.0 | 12°20.0 | 11°44.4 | 1.2 - 1.0 | 7.2 - 5.9 | 13.2 - 10.9 | 12 | 12°33.0 | 12°35.1 | 11°58.7 | 1.2 - 1.0 | 7.2 - 6.1 | 13.2 - 11.1 |
| 13 | 12°03.3 | 12°05.2 | 11°30.3 | 1.3 - 1.1 | 7.3 - 5.9 | 13.3 - 10.8 | 13 | 12°18.3 | 12°20.3 | 11°44.6 | 1.3 - 1.1 | 7.3 - 6.0 | 13.3 - 11.0 | 13 | 12°33.3 | 12°35.3 | 11°58.9 | 1.3 - 1.1 | 7.3 - 6.1 | 13.3 - 11.2 |
| 14 | 12°03.5 | 12°05.5 | 11°30.5 | 1.4 - 1.1 | 7.4 - 6.0 | 13.4 - 10.8 | 14 | 12°18.5 | 12°20.5 | 11°44.9 | 1.4 - 1.2 | 7.4 - 6.1 | 13.4 - 11.1 | 14 | 12°33.5 | 12°35.6 | 11°59.2 | 1.4 - 1.2 | 7.4 - 6.2 | 13.4 - 11.3 |
| 15 | 12°03.8 | 12°05.7 | 11°30.8 | 1.5 - 1.2 | 7.5 - 6.1 | 13.5 - 10.9 | 15 | 12°18.8 | 12°20.8 | 11°45.1 | 1.5 - 1.2 | 7.5 - 6.2 | 13.5 - 11.1 | 15 | 12°33.8 | 12°35.8 | 11°59.4 | 1.5 - 1.3 | 7.5 - 6.3 | 13.5 - 11.4 |
| 16 | 12°04.0 | 12°06.0 | 11°31.0 | 1.6 - 1.3 | 7.6 - 6.1 | 13.6 - 11.0 | 16 | 12°19.0 | 12°21.0 | 11°45.3 | 1.6 - 1.3 | 7.6 - 6.3 | 13.6 - 11.2 | 16 | 12°34.0 | 12°36.1 | 11°59.7 | 1.6 - 1.3 | 7.6 - 6.4 | 13.6 - 11.4 |
| 17 | 12°04.2 | 12°06.2 | 11°31.3 | 1.7 - 1.4 | 7.7 - 6.2 | 13.7 - 11.1 | 17 | 12°19.2 | 12°21.3 | 11°45.6 | 1.7 - 1.4 | 7.7 - 6.4 | 13.7 - 11.3 | 17 | 12°34.2 | 12°36.3 | 11°59.9 | 1.7 - 1.4 | 7.7 - 6.5 | 13.7 - 11.5 |
| 18 | 12°04.5 | 12°06.5 | 11°31.5 | 1.8 - 1.5 | 7.8 - 6.3 | 13.8 - 11.2 | 18 | 12°19.5 | 12°21.5 | 11°45.8 | 1.8 - 1.5 | 7.8 - 6.4 | 13.8 - 11.4 | 18 | 12°34.5 | 12°36.6 | 12°00.1 | 1.8 - 1.5 | 7.8 - 6.6 | 13.8 - 11.6 |
| 19 | 12°04.8 | 12°06.7 | 11°31.7 | 1.9 - 1.5 | 7.9 - 6.4 | 13.9 - 11.2 | 19 | 12°19.8 | 12°21.8 | 11°46.1 | 1.9 - 1.6 | 7.9 - 6.5 | 13.9 - 11.5 | 19 | 12°34.8 | 12°36.8 | 12°00.4 | 1.9 - 1.6 | 7.9 - 6.6 | 13.9 - 11.7 |
| 20 | 12°05.0 | 12°07.0 | 11°32.0 | 2.0 - 1.6 | 8.0 - 6.5 | 14.0 - 11.3 | 20 | 12°20.0 | 12°22.0 | 11°46.3 | 2.0 - 1.6 | 8.0 - 6.6 | 14.0 - 11.5 | 20 | 12°35.0 | 12°37.1 | 12°00.6 | 2.0 - 1.7 | 8.0 - 6.7 | 14.0 - 11.8 |
| 21 | 12°05.3 | 12°07.2 | 11°32.2 | 2.1 - 1.7 | 8.1 - 6.5 | 14.1 - 11.4 | 21 | 12°20.3 | 12°22.3 | 11°46.5 | 2.1 - 1.7 | 8.1 - 6.7 | 14.1 - 11.6 | 21 | 12°35.3 | 12°37.3 | 12°00.8 | 2.1 - 1.8 | 8.1 - 6.8 | 14.1 - 11.9 |
| 22 | 12°05.5 | 12°07.5 | 11°32.4 | 2.2 - 1.8 | 8.2 - 6.6 | 14.2 - 11.5 | 22 | 12°20.5 | 12°22.5 | 11°46.8 | 2.2 - 1.8 | 8.2 - 6.8 | 14.2 - 11.7 | 22 | 12°35.5 | 12°37.6 | 12°01.1 | 2.2 - 1.9 | 8.2 - 6.9 | 14.2 - 12.0 |
| 23 | 12°05.7 | 12°07.7 | 11°32.7 | 2.3 - 1.9 | 8.3 - 6.7 | 14.3 - 11.6 | 23 | 12°20.7 | 12°22.8 | 11°47.0 | 2.3 - 1.9 | 8.3 - 6.8 | 14.3 - 11.8 | 23 | 12°35.7 | 12°37.8 | 12°01.3 | 2.3 - 1.9 | 8.3 - 7.0 | 14.3 - 12.0 |
| 24 | 12°06.0 | 12°08.0 | 11°32.9 | 2.4 - 1.9 | 8.4 - 6.8 | 14.4 - 11.6 | 24 | 12°21.0 | 12°23.0 | 11°47.2 | 2.4 - 2.0 | 8.4 - 6.9 | 14.4 - 11.9 | 24 | 12°36.0 | 12°38.1 | 12°01.6 | 2.4 - 2.0 | 8.4 - 7.1 | 14.4 - 12.1 |
| 25 | 12°06.2 | 12°08.2 | 11°33.2 | 2.5 - 2.0 | 8.5 - 6.9 | 14.5 - 11.7 | 25 | 12°21.2 | 12°23.3 | 11°47.5 | 2.5 - 2.1 | 8.5 - 7.0 | 14.5 - 12.0 | 25 | 12°36.2 | 12°38.3 | 12°01.8 | 2.5 - 2.1 | 8.5 - 7.2 | 14.5 - 12.2 |
| 26 | 12°06.5 | 12°08.5 | 11°33.4 | 2.6 - 2.1 | 8.6 - 7.0 | 14.6 - 11.8 | 26 | 12°21.5 | 12°23.5 | 11°47.7 | 2.6 - 2.1 | 8.6 - 7.1 | 14.6 - 12.0 | 26 | 12°36.5 | 12°38.6 | 12°02.0 | 2.6 - 2.2 | 8.6 - 7.2 | 14.6 - 12.3 |
| 27 | 12°06.8 | 12°08.7 | 11°33.6 | 2.7 - 2.2 | 8.7 - 7.0 | 14.7 - 11.9 | 27 | 12°21.8 | 12°23.8 | 11°48.0 | 2.7 - 2.2 | 8.7 - 7.2 | 14.7 - 12.1 | 27 | 12°36.8 | 12°38.8 | 12°02.3 | 2.7 - 2.3 | 8.7 - 7.3 | 14.7 - 12.4 |
| 28 | 12°07.0 | 12°09.0 | 11°33.9 | 2.8 - 2.3 | 8.8 - 7.1 | 14.8 - 12.0 | 28 | 12°22.0 | 12°24.0 | 11°48.2 | 2.8 - 2.3 | 8.8 - 7.3 | 14.8 - 12.2 | 28 | 12°37.0 | 12°39.1 | 12°02.5 | 2.8 - 2.4 | 8.8 - 7.4 | 14.8 - 12.5 |
| 29 | 12°07.3 | 12°09.2 | 11°34.1 | 2.9 - 2.3 | 8.9 - 7.2 | 14.9 - 12.0 | 29 | 12°22.3 | 12°24.3 | 11°48.4 | 2.9 - 2.4 | 8.9 - 7.3 | 14.9 - 12.3 | 29 | 12°37.3 | 12°39.3 | 12°02.8 | 2.9 - 2.4 | 8.9 - 7.5 | 14.9 - 12.5 |
| 30 | 12°07.5 | 12°09.5 | 11°34.4 | 3.0 - 2.4 | 9.0 - 7.3 | 15.0 - 12.1 | 30 | 12°22.5 | 12°24.5 | 11°48.7 | 3.0 - 2.5 | 9.0 - 7.4 | 15.0 - 12.4 | 30 | 12°37.5 | 12°39.6 | 12°03.0 | 3.0 - 2.5 | 9.0 - 7.6 | 15.0 - 12.6 |
| 31 | 12°07.7 | 12°09.7 | 11°34.6 | 3.1 - 2.5 | 9.1 - 7.4 | 15.1 - 12.2 | 31 | 12°22.7 | 12°24.8 | 11°48.9 | 3.1 - 2.6 | 9.1 - 7.5 | 15.1 - 12.5 | 31 | 12°37.7 | 12°39.8 | 12°03.2 | 3.1 - 2.6 | 9.1 - 7.7 | 15.1 - 12.7 |
| 32 | 12°08.0 | 12°10.0 | 11°34.8 | 3.2 - 2.6 | 9.2 - 7.4 | 15.2 - 12.3 | 32 | 12°23.0 | 12°25.0 | 11°49.2 | 3.2 - 2.6 | 9.2 - 7.6 | 15.2 - 12.5 | 32 | 12°38.0 | 12°40.1 | 12°03.5 | 3.2 - 2.7 | 9.2 - 7.7 | 15.2 - 12.8 |
| 33 | 12°08.2 | 12°10.2 | 11°35.1 | 3.3 - 2.7 | 9.3 - 7.5 | 15.3 - 12.4 | 33 | 12°23.2 | 12°25.3 | 11°49.4 | 3.3 - 2.7 | 9.3 - 7.7 | 15.3 - 12.6 | 33 | 12°38.2 | 12°40.3 | 12°03.7 | 3.3 - 2.8 | 9.3 - 7.8 | 15.3 - 12.9 |
| 34 | 12°08.5 | 12°10.5 | 11°35.3 | 3.4 - 2.7 | 9.4 - 7.6 | 15.4 - 12.4 | 34 | 12°23.5 | 12°25.5 | 11°49.6 | 3.4 - 2.8 | 9.4 - 7.8 | 15.4 - 12.7 | 34 | 12°38.5 | 12°40.6 | 12°03.9 | 3.4 - 2.9 | 9.4 - 7.9 | 15.4 - 13.0 |
| 35 | 12°08.8 | 12°10.7 | 11°35.6 | 3.5 - 2.8 | 9.5 - 7.7 | 15.5 - 12.5 | 35 | 12°23.8 | 12°25.8 | 11°49.9 | 3.5 - 2.9 | 9.5 - 7.8 | 15.5 - 12.8 | 35 | 12°38.8 | 12°40.8 | 12°04.2 | 3.5 - 2.9 | 9.5 - 8.0 | 15.5 - 13.0 |
| 36 | 12°09.0 | 12°11.0 | 11°35.8 | 3.6 - 2.9 | 9.6 - 7.8 | 15.6 - 12.6 | 36 | 12°24.0 | 12°26.0 | 11°50.1 | 3.6 - 3.0 | 9.6 - 7.9 | 15.6 - 12.9 | 36 | 12°39.0 | 12°41.1 | 12°04.4 | 3.6 - 3.0 | 9.6 - 8.1 | 15.6 - 13.1 |
| 37 | 12°09.3 | 12°11.2 | 11°36.0 | 3.7 - 3.0 | 9.7 - 7.8 | 15.7 - 12.7 | 37 | 12°24.3 | 12°26.3 | 11°50.3 | 3.7 - 3.1 | 9.7 - 8.0 | 15.7 - 13.0 | 37 | 12°39.3 | 12°41.3 | 12°04.7 | 3.7 - 3.1 | 9.7 - 8.2 | 15.7 - 13.2 |
| 38 | 12°09.5 | 12°11.5 | 11°36.3 | 3.8 - 3.1 | 9.8 - 7.9 | 15.8 - 12.8 | 38 | 12°24.5 | 12°26.5 | 11°50.6 | 3.8 - 3.1 | 9.8 - 8.1 | 15.8 - 13.0 | 38 | 12°39.5 | 12°41.6 | 12°04.9 | 3.8 - 3.2 | 9.8 - 8.2 | 15.8 - 13.3 |
| 39 | 12°09.7 | 12°11.7 | 11°36.5 | 3.9 - 3.2 | 9.9 - 8.0 | 15.9 - 12.9 | 39 | 12°24.7 | 12°26.8 | 11°50.8 | 3.9 - 3.2 | 9.9 - 8.2 | 15.9 - 13.1 | 39 | 12°39.7 | 12°41.8 | 12°05.1 | 3.9 - 3.3 | 9.9 - 8.3 | 15.9 - 13.4 |
| 40 | 12°10.0 | 12°12.0 | 11°36.7 | 4.0 - 3.2 | 10.0 - 8.1 | 16.0 - 12.9 | 40 | 12°25.0 | 12°27.0 | 11°51.1 | 4.0 - 3.3 | 10.0 - 8.3 | 16.0 - 13.2 | 40 | 12°40.0 | 12°42.1 | 12°05.4 | 4.0 - 3.4 | 10.0 - 8.4 | 16.0 - 13.5 |
| 41 | 12°10.2 | 12°12.2 | 11°37.0 | 4.1 - 3.3 | 10.1 - 8.2 | 16.1 - 13.0 | 41 | 12°25.2 | 12°27. | | | | | | | | | | | |

Increments and Corrections

| m 51 | Sun Plan. | Aries | Moon | v and d corr |
|---------|--------------|---------|---------|---|
| 0 | 12°45.0 | 12°47.1 | 12°10.1 | 0.0 - 0.0 6.0 - 5.1 12.0 - 10.3 |
| 1 | 12°45.2 | 12°47.3 | 12°10.4 | 0.1 - 0.1 6.1 - 5.2 12.1 - 10.4 |
| 2 | 12°45.5 | 12°47.6 | 12°10.6 | 0.2 - 0.2 6.2 - 5.3 12.2 - 10.5 |
| 3 | 12°45.7 | 12°47.8 | 12°10.9 | 0.3 - 0.3 6.3 - 5.4 12.3 - 10.6 |
| 4 | 12°46.0 | 12°48.1 | 12°11.1 | 0.4 - 0.3 6.4 - 5.5 12.4 - 10.6 |
| 5 | 12°46.3 | 12°48.3 | 12°11.3 | 0.5 - 0.4 6.5 - 5.6 12.5 - 10.7 |
| 6 | 12°46.5 | 12°48.6 | 12°11.6 | 0.6 - 0.5 6.6 - 5.7 12.6 - 10.8 |
| 7 | 12°46.8 | 12°48.8 | 12°11.8 | 0.7 - 0.6 6.7 - 5.8 12.7 - 10.9 |
| 8 | 12°47.0 | 12°49.1 | 12°12.1 | 0.8 - 0.7 6.8 - 5.8 12.8 - 11.0 |
| 9 | 12°47.2 | 12°49.3 | 12°12.3 | 0.9 - 0.8 6.9 - 5.9 12.9 - 11.1 |
| 10 | 12°47.5 | 12°49.6 | 12°12.5 | 1.0 - 0.9 7.0 - 6.0 13.0 - 11.2 |
| 11 | 12°47.7 | 12°49.8 | 12°12.8 | 1.1 - 0.9 7.1 - 6.1 13.1 - 11.2 |
| 12 | 12°48.0 | 12°50.1 | 12°13.0 | 1.2 - 1.0 7.2 - 6.2 13.2 - 11.3 |
| 13 | 12°48.3 | 12°50.3 | 12°13.3 | 1.3 - 1.1 7.3 - 6.3 13.3 - 11.4 |
| 14 | 12°48.5 | 12°50.6 | 12°13.5 | 1.4 - 1.2 7.4 - 6.4 13.4 - 11.5 |
| 15 | 12°48.8 | 12°50.9 | 12°13.7 | 1.5 - 1.3 7.5 - 6.4 13.5 - 11.6 |
| 16 | 12°49.0 | 12°51.1 | 12°14.0 | 1.6 - 1.4 7.6 - 6.5 13.6 - 11.7 |
| 17 | 12°49.2 | 12°51.4 | 12°14.2 | 1.7 - 1.5 7.7 - 6.6 13.7 - 11.8 |
| 18 | 12°49.5 | 12°51.6 | 12°14.4 | 1.8 - 1.5 7.8 - 6.7 13.8 - 11.8 |
| 19 | 12°49.8 | 12°51.9 | 12°14.7 | 1.9 - 1.6 7.9 - 6.8 13.9 - 11.9 |
| 20 | 12°50.0 | 12°52.1 | 12°14.9 | 2.0 - 1.7 8.0 - 6.9 14.0 - 12.0 |
| 21 | 12°50.3 | 12°52.4 | 12°15.2 | 2.1 - 1.8 8.1 - 7.0 14.1 - 12.1 |
| 22 | 12°50.5 | 12°52.6 | 12°15.4 | 2.2 - 1.9 8.2 - 7.0 14.2 - 12.2 |
| 23 | 12°50.7 | 12°52.9 | 12°15.6 | 2.3 - 2.0 8.3 - 7.1 14.3 - 12.3 |
| 24 | 12°51.0 | 12°53.1 | 12°15.9 | 2.4 - 2.1 8.4 - 7.2 14.4 - 12.4 |
| 25 | 12°51.2 | 12°53.4 | 12°16.1 | 2.5 - 2.1 8.5 - 7.3 14.5 - 12.4 |
| 26 | 12°51.5 | 12°53.6 | 12°16.4 | 2.6 - 2.2 8.6 - 7.4 14.6 - 12.5 |
| 27 | 12°51.8 | 12°53.9 | 12°16.6 | 2.7 - 2.3 8.7 - 7.5 14.7 - 12.6 |
| 28 | 12°52.0 | 12°54.1 | 12°16.8 | 2.8 - 2.4 8.8 - 7.6 14.8 - 12.7 |
| 29 | 12°52.3 | 12°54.4 | 12°17.1 | 2.9 - 2.5 8.9 - 7.6 14.9 - 12.8 |
| 30 | 12°52.5 | 12°54.6 | 12°17.3 | 3.0 - 2.6 9.0 - 7.7 15.0 - 12.9 |
| 31 | 12°52.7 | 12°54.9 | 12°17.5 | 3.1 - 2.7 9.1 - 7.8 15.1 - 13.0 |
| 32 | 12°53.0 | 12°55.1 | 12°17.8 | 3.2 - 2.7 9.2 - 7.9 15.2 - 13.0 |
| 33 | 12°53.2 | 12°55.4 | 12°18.0 | 3.3 - 2.8 9.3 - 8.0 15.3 - 13.1 |
| 34 | 12°53.5 | 12°55.6 | 12°18.3 | 3.4 - 2.9 9.4 - 8.1 15.4 - 13.2 |
| 35 | 12°53.8 | 12°55.9 | 12°18.5 | 3.5 - 3.0 9.5 - 8.2 15.5 - 13.3 |
| 36 | 12°54.0 | 12°56.1 | 12°18.7 | 3.6 - 3.1 9.6 - 8.2 15.6 - 13.4 |
| 37 | 12°54.3 | 12°56.4 | 12°19.0 | 3.7 - 3.2 9.7 - 8.3 15.7 - 13.5 |
| 38 | 12°54.5 | 12°56.6 | 12°19.2 | 3.8 - 3.3 9.8 - 8.4 15.8 - 13.6 |
| 39 | 12°54.7 | 12°56.9 | 12°19.5 | 3.9 - 3.3 9.9 - 8.5 15.9 - 13.6 |
| 40 | 12°55.0 | 12°57.1 | 12°19.7 | 4.0 - 3.4 10.0 - 8.6 16.0 - 13.7 |
| 41 | 12°55.2 | 12°57.4 | 12°19.9 | 4.1 - 3.5 10.1 - 8.7 16.1 - 13.8 |
| 42 | 12°55.5 | 12°57.6 | 12°20.2 | 4.2 - 3.6 10.2 - 8.8 16.2 - 13.9 |
| 43 | 12°55.8 | 12°57.9 | 12°20.4 | 4.3 - 3.7 10.3 - 8.8 16.3 - 14.0 |
| 44 | 12°56.0 | 12°58.1 | 12°20.6 | 4.4 - 3.8 10.4 - 8.9 16.4 - 14.1 |
| 45 | 12°56.3 | 12°58.4 | 12°20.9 | 4.5 - 3.9 10.5 - 9.0 16.5 - 14.2 |
| 46 | 12°56.5 | 12°58.6 | 12°21.1 | 4.6 - 3.9 10.6 - 9.1 16.6 - 14.2 |
| 47 | 12°56.7 | 12°58.9 | 12°21.4 | 4.7 - 4.0 10.7 - 9.2 16.7 - 14.3 |
| 48 | 12°57.0 | 12°59.1 | 12°21.6 | 4.8 - 4.1 10.8 - 9.3 16.8 - 14.4 |
| 49 | 12°57.3 | 12°59.4 | 12°21.8 | 4.9 - 4.2 10.9 - 9.4 16.9 - 14.5 |
| 50 | 12°57.5 | 12°59.6 | 12°22.1 | 5.0 - 4.3 11.0 - 9.4 17.0 - 14.6 |
| 51 | 12°57.8 | 12°59.9 | 12°22.3 | 5.1 - 4.4 11.1 - 9.5 17.1 - 14.7 |
| 52 | 12°58.0 | 13°00.1 | 12°22.6 | 5.2 - 4.5 11.2 - 9.6 17.2 - 14.8 |
| 53 | 12°58.2 | 13°00.4 | 12°22.8 | 5.3 - 4.5 11.3 - 9.7 17.3 - 14.8 |
| 54 | 12°58.5 | 13°00.6 | 12°23.0 | 5.4 - 4.6 11.4 - 9.8 17.4 - 14.9 |
| 55 | 12°58.7 | 13°00.9 | 12°23.3 | 5.5 - 4.7 11.5 - 9.9 17.5 - 15.0 |
| 56 | 12°59.0 | 13°01.1 | 12°23.5 | 5.6 - 4.8 11.6 - 10.0 17.6 - 15.1 |
| 57 | 12°59.3 | 13°01.4 | 12°23.8 | 5.7 - 4.9 11.7 - 10.0 17.7 - 15.2 |
| 58 | 12°59.5 | 13°01.6 | 12°24.0 | 5.8 - 5.0 11.8 - 10.1 17.8 - 15.3 |
| 59 | 12°59.8 | 13°01.9 | 12°24.2 | 5.9 - 5.1 11.9 - 10.2 17.9 - 15.4 |

| m 52 | Sun Plan. | Aries | Moon | v and d corr |
|---------|--------------|---------|---------|---|
| 0 | 13°00.0 | 13°02.1 | 12°24.5 | 0.0 - 0.0 6.0 - 5.3 12.0 - 10.5 |
| 1 | 13°00.2 | 13°02.4 | 12°24.7 | 0.1 - 0.1 6.1 - 5.3 12.1 - 10.6 |
| 2 | 13°00.5 | 13°02.6 | 12°24.9 | 0.2 - 0.2 6.2 - 5.4 12.2 - 10.7 |
| 3 | 13°00.7 | 13°02.9 | 12°25.2 | 0.3 - 0.3 6.3 - 5.5 12.3 - 10.8 |
| 4 | 13°01.0 | 13°03.1 | 12°25.4 | 0.4 - 0.4 6.4 - 5.6 12.4 - 10.8 |
| 5 | 13°01.3 | 13°03.4 | 12°25.7 | 0.5 - 0.4 6.5 - 5.7 12.5 - 10.9 |
| 6 | 13°01.5 | 13°03.6 | 12°25.9 | 0.6 - 0.5 6.6 - 5.8 12.6 - 11.0 |
| 7 | 13°01.8 | 13°03.9 | 12°26.1 | 0.7 - 0.6 6.7 - 5.9 12.7 - 11.1 |
| 8 | 13°02.0 | 13°04.1 | 12°26.4 | 0.8 - 0.7 6.8 - 6.0 12.8 - 11.2 |
| 9 | 13°02.2 | 13°04.4 | 12°26.6 | 0.9 - 0.8 6.9 - 6.0 12.9 - 11.3 |
| 10 | 13°02.5 | 13°04.6 | 12°26.9 | 1.0 - 0.9 7.0 - 6.1 13.0 - 11.4 |
| 11 | 13°02.7 | 13°04.9 | 12°27.1 | 1.1 - 1.0 7.1 - 6.2 13.1 - 11.5 |
| 12 | 13°03.0 | 13°05.1 | 12°27.3 | 1.2 - 1.1 7.2 - 6.3 13.2 - 11.5 |
| 13 | 13°03.3 | 13°05.4 | 12°27.6 | 1.3 - 1.1 7.3 - 6.4 13.3 - 11.6 |
| 14 | 13°03.5 | 13°05.6 | 12°27.8 | 1.4 - 1.2 7.4 - 6.5 13.4 - 11.7 |
| 15 | 13°03.8 | 13°05.9 | 12°28.0 | 1.5 - 1.3 7.5 - 6.6 13.5 - 11.8 |
| 16 | 13°04.0 | 13°06.1 | 12°28.3 | 1.6 - 1.4 7.6 - 6.6 13.6 - 11.9 |
| 17 | 13°04.2 | 13°06.4 | 12°28.5 | 1.7 - 1.5 7.7 - 6.7 13.7 - 12.0 |
| 18 | 13°04.5 | 13°06.6 | 12°28.8 | 1.8 - 1.6 7.8 - 6.8 13.8 - 12.1 |
| 19 | 13°04.8 | 13°06.9 | 12°29.0 | 1.9 - 1.7 7.9 - 6.9 13.9 - 12.2 |
| 20 | 13°05.0 | 13°07.1 | 12°29.2 | 2.0 - 1.8 8.0 - 7.0 14.0 - 12.3 |
| 21 | 13°05.3 | 13°07.4 | 12°29.5 | 2.1 - 1.8 8.1 - 7.1 14.1 - 12.3 |
| 22 | 13°05.5 | 13°07.6 | 12°29.7 | 2.2 - 1.9 8.2 - 7.2 14.2 - 12.4 |
| 23 | 13°05.7 | 13°07.9 | 12°30.0 | 2.3 - 2.0 8.3 - 7.3 14.3 - 12.5 |
| 24 | 13°06.0 | 13°08.1 | 12°30.2 | 2.4 - 2.1 8.4 - 7.4 14.4 - 12.6 |
| 25 | 13°06.2 | 13°08.4 | 12°30.4 | 2.5 - 2.2 8.5 - 7.4 14.5 - 12.7 |
| 26 | 13°06.5 | 13°08.6 | 12°30.7 | 2.6 - 2.3 8.6 - 7.5 14.6 - 12.8 |
| 27 | 13°06.8 | 13°08.9 | 12°30.9 | 2.7 - 2.4 8.7 - 7.6 14.7 - 12.9 |
| 28 | 13°07.0 | 13°09.2 | 12°31.1 | 2.8 - 2.5 8.8 - 7.7 14.8 - 13.0 |
| 29 | 13°07.3 | 13°09.4 | 12°31.4 | 2.9 - 2.5 8.9 - 7.8 14.9 - 13.0 |
| 30 | 13°07.5 | 13°09.7 | 12°31.6 | 3.0 - 2.6 9.0 - 7.9 15.0 - 13.1 |
| 31 | 13°07.7 | 13°09.9 | 12°31.9 | 3.1 - 2.7 9.1 - 8.0 15.1 - 13.2 |
| 32 | 13°08.0 | 13°10.2 | 12°32.1 | 3.2 - 2.8 9.2 - 8.0 15.2 - 13.3 |
| 33 | 13°08.2 | 13°10.4 | 12°32.3 | 3.3 - 2.9 9.3 - 8.1 15.3 - 13.4 |
| 34 | 13°08.5 | 13°10.7 | 12°32.6 | 3.4 - 3.0 9.4 - 8.2 15.4 - 13.5 |
| 35 | 13°08.8 | 13°10.9 | 12°32.8 | 3.5 - 3.1 9.5 - 8.3 15.5 - 13.6 |
| 36 | 13°09.0 | 13°11.2 | 12°33.1 | 3.6 - 3.1 9.6 - 8.4 15.6 - 13.7 |
| 37 | 13°09.3 | 13°11.4 | 12°33.3 | 3.7 - 3.2 9.7 - 8.5 15.7 - 13.7 |
| 38 | 13°09.5 | 13°11.7 | 12°33.5 | 3.8 - 3.3 9.8 - 8.6 15.8 - 13.8 |
| 39 | 13°09.7 | 13°11.9 | 12°33.8 | 3.9 - 3.4 9.9 - 8.7 15.9 - 13.9 |
| 40 | 13°10.0 | 13°12.2 | 12°34.0 | 4.0 - 3.5 10.0 - 8.8 16.0 - 14.0 |
| 41 | 13°10.2 | 13°12.4 | 12°34.2 | 4.1 - 3.6 10.1 - 8.8 16.1 - 14.1 |
| 42 | 13°10.5 | 13°12.7 | 12°34.5 | 4.2 - 3.7 10.2 - 8.9 16.2 - 14.2 |
| 43 | 13°10.8 | 13°12.9 | 12°34.7 | 4.3 - 3.8 10.3 - 9.0 16.3 - 14.3 |
| 44 | 13°11.0 | 13°13.2 | 12°35.0 | 4.4 - 3.9 10.4 - 9.1 16.4 - 14.3 |
| 45 | 13°11.3 | 13°13.4 | 12°35.2 | 4.5 - 3.9 10.5 - 9.2 16.5 - 14.4 |
| 46 | 13°11.5 | 13°13.7 | 12°35.4 | 4.6 - 4.0 10.6 - 9.3 16.6 - 14.5 |
| 47 | 13°11.7 | 13°13.9 | 12°35.7 | 4.7 - 4.1 10.7 - 9.4 16.7 - 14.6 |
| 48 | 13°12.0 | 13°14.2 | 12°35.9 | 4.8 - 4.2 10.8 - 9.5 16.8 - 14.7 |
| 49 | 13°12.3 | 13°14.4 | 12°36.2 | 4.9 - 4.3 10.9 - 9.5 16.9 - 14.8 |
| 50 | 13°12.5 | 13°14.7 | 12°36.4 | 5.0 - 4.4 11.0 - 9.6 17.0 - 14.9 |
| 51 | 13°12.8 | 13°14.9 | 12°36.6 | 5.1 - 4.5 11.1 - 9.7 17.1 - 15.0 |
| 52 | 13°13.0 | 13°15.2 | 12°36.9 | 5.2 - 4.5 11.2 - 9.8 17.2 - 15.0 |
| 53 | 13°13.2 | 13°15.4 | 12°37.1 | 5.3 - 4.6 11.3 - 9.9 17.3 - 15.1 |
| 54 | 13°13.5 | 13°15.7 | 12°37.4 | 5.4 - 4.7 11.4 - 10.0 17.4 - 15.2 |
| 55 | 13°13.7 | 13°15.9 | 12°37.6 | 5.5 - 4.8 11.5 - 10.1 17.5 - 15.3 |
| 56 | 13°14.0 | 13°16.2 | 12°37.8 | 5.6 - 4.9 11.6 - 10.2 17.6 - 15.4 |
| 57 | 13°14.3 | 13°16.4 | 12°38.1 | 5.7 - 5.0 11.7 - 10.2 17.7 - 15.5 |
| 58 | 13°14.5 | 13°16.7 | 12°38.3 | 5.8 - 5.1 11.8 - 10.3 17.8 - 15.6 |
| 59 | 13°14.8 | 13°16.9 | 12°38.5 | 5.9 - 5.2 11.9 - 10.4 17.9 - 15.7 |

| m 53 | Sun Plan. | Aries | Moon | v and d corr |
|---------|--------------|---------|---------|---------------------------------------|
| 0 | 13°15.0 | 13°17.2 | 12°38.8 | 0.0 - 0.0 6.0 - 5.4 12.0 - 10.7 |
| 1 | 13°15.2 | | | |

Increments and Corrections

| m 54 | Sun Plan. | Aries | Moon | v and d corr | m 55 | Sun Plan. | Aries | Moon | v and d corr | m 56 | Sun Plan. | Aries | Moon | v and d corr | | | | | | |
|---------|--------------|---------|---------|--------------|------------|--------------|-------|---------|--------------|---------|--------------|------------|-------------|--------------|---------|-------------|---------|-----------|------------|-------------|
| 0 | 13°30.0 | 13°32.2 | 12°53.1 | 0.0 - 0.0 | 6.0 - 5.5 | 12.0 - 10.9 | 0 | 13°45.0 | 13°47.3 | 13°07.4 | 0.0 - 0.0 | 6.0 - 5.6 | 12.0 - 11.1 | 0 | 14°00.0 | 14°02.3 | 13°21.7 | 0.0 - 0.0 | 6.0 - 5.7 | 12.0 - 11.3 |
| 1 | 13°30.2 | 13°32.5 | 12°53.3 | 0.1 - 0.1 | 6.1 - 5.5 | 12.1 - 11.0 | 1 | 13°45.2 | 13°47.5 | 13°07.7 | 0.1 - 0.1 | 6.1 - 5.6 | 12.1 - 11.2 | 1 | 14°00.2 | 14°02.5 | 13°22.0 | 0.1 - 0.1 | 6.1 - 5.7 | 12.1 - 11.4 |
| 2 | 13°30.5 | 13°32.7 | 12°53.6 | 0.2 - 0.2 | 6.2 - 5.6 | 12.2 - 11.1 | 2 | 13°45.5 | 13°47.8 | 13°07.9 | 0.2 - 0.2 | 6.2 - 5.7 | 12.2 - 11.3 | 2 | 14°00.5 | 14°02.8 | 13°22.2 | 0.2 - 0.2 | 6.2 - 5.8 | 12.2 - 11.5 |
| 3 | 13°30.7 | 13°33.0 | 12°53.8 | 0.3 - 0.3 | 6.3 - 5.7 | 12.3 - 11.2 | 3 | 13°45.7 | 13°48.0 | 13°08.1 | 0.3 - 0.3 | 6.3 - 5.8 | 12.3 - 11.4 | 3 | 14°00.7 | 14°03.0 | 13°22.4 | 0.3 - 0.3 | 6.3 - 5.9 | 12.3 - 11.6 |
| 4 | 13°31.0 | 13°33.2 | 12°54.1 | 0.4 - 0.4 | 6.4 - 5.8 | 12.4 - 11.3 | 4 | 13°46.0 | 13°48.3 | 13°08.4 | 0.4 - 0.4 | 6.4 - 5.9 | 12.4 - 11.5 | 4 | 14°01.0 | 14°03.3 | 13°22.7 | 0.4 - 0.4 | 6.4 - 6.0 | 12.4 - 11.7 |
| 5 | 13°31.3 | 13°33.5 | 12°54.3 | 0.5 - 0.5 | 6.5 - 5.9 | 12.5 - 11.4 | 5 | 13°46.3 | 13°48.5 | 13°08.6 | 0.5 - 0.5 | 6.5 - 6.0 | 12.5 - 11.6 | 5 | 14°01.3 | 14°03.5 | 13°22.9 | 0.5 - 0.5 | 6.5 - 6.1 | 12.5 - 11.8 |
| 6 | 13°31.5 | 13°33.7 | 12°54.5 | 0.6 - 0.5 | 6.6 - 6.0 | 12.6 - 11.4 | 6 | 13°46.5 | 13°48.8 | 13°08.8 | 0.6 - 0.6 | 6.6 - 6.1 | 12.6 - 11.7 | 6 | 14°01.5 | 14°03.8 | 13°23.2 | 0.6 - 0.6 | 6.6 - 6.2 | 12.6 - 11.9 |
| 7 | 13°31.8 | 13°34.0 | 12°54.8 | 0.7 - 0.6 | 6.7 - 6.1 | 12.7 - 11.5 | 7 | 13°46.8 | 13°49.0 | 13°09.1 | 0.7 - 0.6 | 6.7 - 6.2 | 12.7 - 11.7 | 7 | 14°01.8 | 14°04.1 | 13°23.4 | 0.7 - 0.7 | 6.7 - 6.3 | 12.7 - 12.0 |
| 8 | 13°32.0 | 13°34.2 | 12°55.0 | 0.8 - 0.7 | 6.8 - 6.2 | 12.8 - 11.6 | 8 | 13°47.0 | 13°49.3 | 13°09.3 | 0.8 - 0.7 | 6.8 - 6.3 | 12.8 - 11.8 | 8 | 14°02.0 | 14°04.3 | 13°23.6 | 0.8 - 0.8 | 6.8 - 6.4 | 12.8 - 12.1 |
| 9 | 13°32.2 | 13°34.5 | 12°55.2 | 0.9 - 0.8 | 6.9 - 6.3 | 12.9 - 11.7 | 9 | 13°47.2 | 13°49.5 | 13°09.6 | 0.9 - 0.8 | 6.9 - 6.4 | 12.9 - 11.9 | 9 | 14°02.2 | 14°04.6 | 13°23.9 | 0.9 - 0.8 | 6.9 - 6.5 | 12.9 - 12.1 |
| 10 | 13°32.5 | 13°34.7 | 12°55.5 | 1.0 - 0.9 | 7.0 - 6.4 | 13.0 - 11.8 | 10 | 13°47.5 | 13°49.8 | 13°09.8 | 1.0 - 0.9 | 7.0 - 6.5 | 13.0 - 12.0 | 10 | 14°02.5 | 14°04.8 | 13°24.1 | 1.0 - 0.9 | 7.0 - 6.6 | 13.0 - 12.2 |
| 11 | 13°32.7 | 13°35.0 | 12°55.7 | 1.1 - 1.0 | 7.1 - 6.4 | 13.1 - 11.9 | 11 | 13°47.7 | 13°50.0 | 13°10.0 | 1.1 - 1.0 | 7.1 - 6.6 | 13.1 - 12.1 | 11 | 14°02.7 | 14°05.1 | 13°24.4 | 1.1 - 1.0 | 7.1 - 6.7 | 13.1 - 12.3 |
| 12 | 13°33.0 | 13°35.2 | 12°56.0 | 1.2 - 1.1 | 7.2 - 6.5 | 13.2 - 12.0 | 12 | 13°48.0 | 13°50.3 | 13°10.3 | 1.2 - 1.1 | 7.2 - 6.7 | 13.2 - 12.2 | 12 | 14°03.0 | 14°05.3 | 13°24.6 | 1.2 - 1.1 | 7.2 - 6.8 | 13.2 - 12.4 |
| 13 | 13°33.3 | 13°35.5 | 12°56.2 | 1.3 - 1.2 | 7.3 - 6.6 | 13.3 - 12.1 | 13 | 13°48.3 | 13°50.5 | 13°10.5 | 1.3 - 1.2 | 7.3 - 6.8 | 13.3 - 12.3 | 13 | 14°03.3 | 14°05.6 | 13°24.8 | 1.3 - 1.2 | 7.3 - 6.9 | 13.3 - 12.5 |
| 14 | 13°33.5 | 13°35.7 | 12°56.4 | 1.4 - 1.3 | 7.4 - 6.7 | 13.4 - 12.2 | 14 | 13°48.5 | 13°50.8 | 13°10.8 | 1.4 - 1.3 | 7.4 - 6.8 | 13.4 - 12.4 | 14 | 14°03.5 | 14°05.8 | 13°25.1 | 1.4 - 1.3 | 7.4 - 7.0 | 13.4 - 12.6 |
| 15 | 13°33.8 | 13°36.0 | 12°56.7 | 1.5 - 1.4 | 7.5 - 6.8 | 13.5 - 12.3 | 15 | 13°48.8 | 13°51.0 | 13°11.0 | 1.5 - 1.4 | 7.5 - 6.9 | 13.5 - 12.5 | 15 | 14°03.8 | 14°06.1 | 13°25.3 | 1.5 - 1.4 | 7.5 - 7.1 | 13.5 - 12.7 |
| 16 | 13°34.0 | 13°36.2 | 12°56.9 | 1.6 - 1.5 | 7.6 - 6.9 | 13.6 - 12.4 | 16 | 13°49.0 | 13°51.3 | 13°11.2 | 1.6 - 1.5 | 7.6 - 7.0 | 13.6 - 12.6 | 16 | 14°04.0 | 14°06.3 | 13°25.6 | 1.6 - 1.5 | 7.6 - 7.2 | 13.6 - 12.8 |
| 17 | 13°34.2 | 13°36.5 | 12°57.2 | 1.7 - 1.5 | 7.7 - 7.0 | 13.7 - 12.4 | 17 | 13°49.2 | 13°51.5 | 13°11.5 | 1.7 - 1.6 | 7.7 - 7.1 | 13.7 - 12.7 | 17 | 14°04.2 | 14°06.6 | 13°25.8 | 1.7 - 1.6 | 7.7 - 7.3 | 13.7 - 12.9 |
| 18 | 13°34.5 | 13°36.7 | 12°57.4 | 1.8 - 1.6 | 7.8 - 7.1 | 13.8 - 12.5 | 18 | 13°49.5 | 13°51.8 | 13°11.7 | 1.8 - 1.7 | 7.8 - 7.2 | 13.8 - 12.8 | 18 | 14°04.5 | 14°06.8 | 13°26.0 | 1.8 - 1.7 | 7.8 - 7.3 | 13.8 - 13.0 |
| 19 | 13°34.8 | 13°37.0 | 12°57.6 | 1.9 - 1.7 | 7.9 - 7.2 | 13.9 - 12.6 | 19 | 13°49.8 | 13°52.0 | 13°12.0 | 1.9 - 1.8 | 7.9 - 7.3 | 13.9 - 12.9 | 19 | 14°04.8 | 14°07.1 | 13°26.3 | 1.9 - 1.8 | 7.9 - 7.4 | 13.9 - 13.1 |
| 20 | 13°35.0 | 13°37.2 | 12°57.9 | 2.0 - 1.8 | 8.0 - 7.3 | 14.0 - 12.7 | 20 | 13°50.0 | 13°52.3 | 13°12.2 | 2.0 - 1.9 | 8.0 - 7.4 | 14.0 - 13.0 | 20 | 14°05.0 | 14°07.3 | 13°26.5 | 2.0 - 1.9 | 8.0 - 7.5 | 14.0 - 13.2 |
| 21 | 13°35.3 | 13°37.5 | 12°58.1 | 2.1 - 1.9 | 8.1 - 7.4 | 14.1 - 12.8 | 21 | 13°50.3 | 13°52.5 | 13°12.4 | 2.1 - 1.9 | 8.1 - 7.5 | 14.1 - 13.0 | 21 | 14°05.3 | 14°07.6 | 13°26.7 | 2.1 - 2.0 | 8.1 - 7.6 | 14.1 - 13.3 |
| 22 | 13°35.5 | 13°37.7 | 12°58.3 | 2.2 - 2.0 | 8.2 - 7.4 | 14.2 - 12.9 | 22 | 13°50.5 | 13°52.8 | 13°12.7 | 2.2 - 2.0 | 8.2 - 7.6 | 14.2 - 13.1 | 22 | 14°05.5 | 14°07.8 | 13°27.0 | 2.2 - 2.1 | 8.2 - 7.7 | 14.2 - 13.4 |
| 23 | 13°35.7 | 13°38.0 | 12°58.6 | 2.3 - 2.1 | 8.3 - 7.5 | 14.3 - 13.0 | 23 | 13°50.7 | 13°53.0 | 13°12.9 | 2.3 - 2.1 | 8.3 - 7.7 | 14.3 - 13.2 | 23 | 14°05.7 | 14°08.1 | 13°27.2 | 2.3 - 2.2 | 8.3 - 7.8 | 14.3 - 13.5 |
| 24 | 13°36.0 | 13°38.2 | 12°58.8 | 2.4 - 2.2 | 8.4 - 7.6 | 14.4 - 13.1 | 24 | 13°51.0 | 13°53.3 | 13°13.1 | 2.4 - 2.2 | 8.4 - 7.8 | 14.4 - 13.3 | 24 | 14°06.0 | 14°08.3 | 13°27.5 | 2.4 - 2.3 | 8.4 - 7.9 | 14.4 - 13.6 |
| 25 | 13°36.2 | 13°38.5 | 12°59.1 | 2.5 - 2.3 | 8.5 - 7.7 | 14.5 - 13.2 | 25 | 13°51.2 | 13°53.5 | 13°13.4 | 2.5 - 2.3 | 8.5 - 7.9 | 14.5 - 13.4 | 25 | 14°06.2 | 14°08.6 | 13°27.7 | 2.5 - 2.4 | 8.5 - 8.0 | 14.5 - 13.7 |
| 26 | 13°36.5 | 13°38.7 | 12°59.3 | 2.6 - 2.4 | 8.6 - 7.8 | 14.6 - 13.3 | 26 | 13°51.5 | 13°53.8 | 13°13.6 | 2.6 - 2.4 | 8.6 - 8.0 | 14.6 - 13.5 | 26 | 14°06.5 | 14°08.8 | 13°27.9 | 2.6 - 2.4 | 8.6 - 8.1 | 14.6 - 13.7 |
| 27 | 13°36.8 | 13°39.0 | 12°59.5 | 2.7 - 2.5 | 8.7 - 7.9 | 14.7 - 13.4 | 27 | 13°51.8 | 13°54.0 | 13°13.9 | 2.7 - 2.5 | 8.7 - 8.0 | 14.7 - 13.6 | 27 | 14°06.8 | 14°09.1 | 13°28.2 | 2.7 - 2.5 | 8.7 - 8.2 | 14.7 - 13.8 |
| 28 | 13°37.0 | 13°39.2 | 12°59.8 | 2.8 - 2.5 | 8.8 - 8.0 | 14.8 - 13.4 | 28 | 13°52.0 | 13°54.3 | 13°14.1 | 2.8 - 2.6 | 8.8 - 8.1 | 14.8 - 13.7 | 28 | 14°07.0 | 14°09.3 | 13°28.4 | 2.8 - 2.6 | 8.8 - 8.3 | 14.8 - 13.9 |
| 29 | 13°37.3 | 13°39.5 | 13°00.0 | 2.9 - 2.6 | 8.9 - 8.1 | 14.9 - 13.5 | 29 | 13°52.3 | 13°54.5 | 13°14.3 | 2.9 - 2.7 | 8.9 - 8.2 | 14.9 - 13.8 | 29 | 14°07.3 | 14°09.6 | 13°28.7 | 2.9 - 2.7 | 8.9 - 8.4 | 14.9 - 14.0 |
| 30 | 13°37.5 | 13°39.7 | 13°00.3 | 3.0 - 2.7 | 9.0 - 8.2 | 15.0 - 13.6 | 30 | 13°52.5 | 13°54.8 | 13°14.6 | 3.0 - 2.8 | 9.0 - 8.3 | 15.0 - 13.9 | 30 | 14°07.5 | 14°09.8 | 13°28.9 | 3.0 - 2.8 | 9.0 - 8.5 | 15.0 - 14.1 |
| 31 | 13°37.7 | 13°40.0 | 13°00.5 | 3.1 - 2.8 | 9.1 - 8.3 | 15.1 - 13.7 | 31 | 13°52.7 | 13°55.0 | 13°14.8 | 3.1 - 2.9 | 9.1 - 8.4 | 15.1 - 14.0 | 31 | 14°07.7 | 14°10.1 | 13°29.1 | 3.1 - 2.9 | 9.1 - 8.6 | 15.1 - 14.2 |
| 32 | 13°38.0 | 13°40.2 | 13°00.7 | 3.2 - 2.9 | 9.2 - 8.4 | 15.2 - 13.8 | 32 | 13°53.0 | 13°55.3 | 13°15.1 | 3.2 - 3.0 | 9.2 - 8.5 | 15.2 - 14.1 | 32 | 14°08.0 | 14°10.3 | 13°29.4 | 3.2 - 3.0 | 9.2 - 8.7 | 15.2 - 14.3 |
| 33 | 13°38.2 | 13°40.5 | 13°01.0 | 3.3 - 3.0 | 9.3 - 8.4 | 15.3 - 13.9 | 33 | 13°53.2 | 13°55.5 | 13°15.3 | 3.3 - 3.1 | 9.3 - 8.6 | 15.3 - 14.2 | 33 | 14°08.2 | 14°10.6 | 13°29.6 | 3.3 - 3.1 | 9.3 - 8.8 | 15.3 - 14.4 |
| 34 | 13°38.5 | 13°40.7 | 13°01.2 | 3.4 - 3.1 | 9.4 - 8.5 | 15.4 - 14.0 | 34 | 13°53.5 | 13°55.8 | 13°15.5 | 3.4 - 3.1 | 9.4 - 8.7 | 15.4 - 14.2 | 34 | 14°08.5 | 14°10.8 | 13°29.8 | 3.4 - 3.2 | 9.4 - 8.9 | 15.4 - 14.5 |
| 35 | 13°38.8 | 13°41.0 | 13°01.5 | 3.5 - 3.2 | 9.5 - 8.6 | 15.5 - 14.1 | 35 | 13°53.8 | 13°56.0 | 13°15.8 | 3.5 - 3.2 | 9.5 - 8.8 | 15.5 - 14.3 | 35 | 14°08.8 | 14°11.1 | 13°30.1 | 3.5 - 3.3 | 9.5 - 8.9 | 15.5 - 14.6 |
| 36 | 13°39.0 | 13°41.2 | 13°01.7 | 3.6 - 3.3 | 9.6 - 8.7 | 15.6 - 14.2 | 36 | 13°54.0 | 13°56.3 | 13°16.0 | 3.6 - 3.3 | 9.6 - 8.9 | 15.6 - 14.4 | 36 | 14°09.0 | 14°11.3 | 13°30.3 | 3.6 - 3.4 | 9.6 - 9.0 | 15.6 - 14.7 |
| 37 | 13°39.3 | 13°41.5 | 13°01.9 | 3.7 - 3.4 | 9.7 - 8.8 | 15.7 - 14.3 | 37 | 13°54.3 | 13°56.5 | 13°16.2 | 3.7 - 3.4 | 9.7 - 9.0 | 15.7 - 14.5 | 37 | 14°09.3 | 14°11.6 | 13°30.6 | 3.7 - 3.5 | 9.7 - 9.1 | 15.7 - 14.8 |
| 38 | 13°39.5 | 13°41.7 | 13°02.2 | 3.8 - 3.5 | 9.8 - 8.9 | 15.8 - 14.4 | 38 | 13°54.5 | 13°56.8 | 13°16.5 | 3.8 - 3.5 | 9.8 - 9.1 | 15.8 - 14.6 | 38 | 14°09.5 | 14°11.8 | 13°30.8 | 3.8 - 3.6 | 9.8 - 9.2 | 15.8 - 14.9 |
| 39 | 13°39.7 | 13°42.0 | 13°02.4 | 3.9 - 3.5 | 9.9 - 9.0 | 15.9 - 14.4 | 39 | 13°54.7 | 13°57.0 | 13°16.7 | 3.9 - 3.6 | 9.9 - 9.2 | 15.9 - 14.7 | 39 | 14°09.7 | 14°12.1 | 13°31.0 | 3.9 - 3.7 | 9.9 - 9.3 | 15.9 - 15.0 |
| 40 | 13°40.0 | 13°42.2 | 13°02.6 | 4.0 - 3.6 | 10.0 - 9.1 | 16.0 - 14.5 | 40 | 13°55.0 | 13°57.3 | 13°17.0 | 4.0 - 3.7 | 10.0 - 9.3 | 16.0 - 14.8 | 40 | 14°10.0 | 14°12.3 | 13°31.3 | 4.0 - 3.8 | 10.0 - 9.4 | 16.0 - 15.1 |
| 41 | 13°40.2 | 13°42.5 | 13°02.9 | 4.1 - 3.7 | 10.1 - 9.2 | 16.1 - 14.6 | 41 | 13°55.2 | 13°57.5 | 13°17.2 | 4.1 - 3.8 | 10.1 - 9.3 | 16.1 - 14.9 | 41 | 14°10.2 | 14°12.6</td | | | | |

Increments and Corrections

| m 57 | Sun Plan. | Aries | Moon | v and d corr | m 58 | Sun Plan. | Aries | Moon | v and d corr | m 59 | Sun Plan. | Aries | Moon | v and d corr | | | | | | |
|---------|--------------|---------|---------|--------------|------------|--------------|-------|---------|--------------|---------|--------------|------------|-------------|--------------|---------|-------------|---------|-----------|------------|-------------|
| 0 | 14°15.0 | 14°17.3 | 13°36.0 | 0.0 - 0.0 | 6.0 - 5.8 | 12.0 - 11.5 | 0 | 14°30.0 | 14°32.4 | 13°50.4 | 0.0 - 0.0 | 6.0 - 5.8 | 12.0 - 11.7 | 0 | 14°45.0 | 14°47.4 | 14°04.7 | 0.0 - 0.0 | 6.0 - 6.0 | 12.0 - 11.9 |
| 1 | 14°15.2 | 14°17.6 | 13°36.3 | 0.1 - 0.1 | 6.1 - 5.8 | 12.1 - 11.6 | 1 | 14°30.2 | 14°32.6 | 13°50.6 | 0.1 - 0.1 | 6.1 - 5.9 | 12.1 - 11.8 | 1 | 14°45.2 | 14°47.7 | 14°04.9 | 0.1 - 0.1 | 6.1 - 6.0 | 12.1 - 12.0 |
| 2 | 14°15.5 | 14°17.8 | 13°36.5 | 0.2 - 0.2 | 6.2 - 5.9 | 12.2 - 11.7 | 2 | 14°30.5 | 14°32.9 | 13°50.8 | 0.2 - 0.2 | 6.2 - 6.0 | 12.2 - 11.9 | 2 | 14°45.5 | 14°47.9 | 14°05.2 | 0.2 - 0.2 | 6.2 - 6.1 | 12.2 - 12.1 |
| 3 | 14°15.7 | 14°18.1 | 13°36.8 | 0.3 - 0.3 | 6.3 - 6.0 | 12.3 - 11.8 | 3 | 14°30.7 | 14°33.1 | 13°51.1 | 0.3 - 0.3 | 6.3 - 6.1 | 12.3 - 12.0 | 3 | 14°45.7 | 14°48.2 | 14°05.4 | 0.3 - 0.3 | 6.3 - 6.2 | 12.3 - 12.2 |
| 4 | 14°16.0 | 14°18.3 | 13°37.0 | 0.4 - 0.4 | 6.4 - 6.1 | 12.4 - 11.9 | 4 | 14°31.0 | 14°33.4 | 13°51.3 | 0.4 - 0.4 | 6.4 - 6.2 | 12.4 - 12.1 | 4 | 14°46.0 | 14°48.4 | 14°05.6 | 0.4 - 0.4 | 6.4 - 6.3 | 12.4 - 12.3 |
| 5 | 14°16.3 | 14°18.6 | 13°37.2 | 0.5 - 0.5 | 6.5 - 6.2 | 12.5 - 12.0 | 5 | 14°31.3 | 14°33.6 | 13°51.6 | 0.5 - 0.5 | 6.5 - 6.3 | 12.5 - 12.2 | 5 | 14°46.3 | 14°48.7 | 14°05.9 | 0.5 - 0.5 | 6.5 - 6.4 | 12.5 - 12.4 |
| 6 | 14°16.5 | 14°18.8 | 13°37.5 | 0.6 - 0.6 | 6.6 - 6.3 | 12.6 - 12.1 | 6 | 14°31.5 | 14°33.9 | 13°51.8 | 0.6 - 0.6 | 6.6 - 6.4 | 12.6 - 12.3 | 6 | 14°46.5 | 14°48.9 | 14°06.1 | 0.6 - 0.6 | 6.6 - 6.5 | 12.6 - 12.5 |
| 7 | 14°16.8 | 14°19.1 | 13°37.7 | 0.7 - 0.7 | 6.7 - 6.4 | 12.7 - 12.2 | 7 | 14°31.8 | 14°34.1 | 13°52.0 | 0.7 - 0.7 | 6.7 - 6.5 | 12.7 - 12.4 | 7 | 14°46.8 | 14°49.2 | 14°06.4 | 0.7 - 0.7 | 6.7 - 6.6 | 12.7 - 12.6 |
| 8 | 14°17.0 | 14°19.3 | 13°38.0 | 0.8 - 0.8 | 6.8 - 6.5 | 12.8 - 12.3 | 8 | 14°32.0 | 14°34.4 | 13°52.3 | 0.8 - 0.8 | 6.8 - 6.6 | 12.8 - 12.5 | 8 | 14°47.0 | 14°49.4 | 14°06.6 | 0.8 - 0.8 | 6.8 - 6.7 | 12.8 - 12.7 |
| 9 | 14°17.2 | 14°19.6 | 13°38.2 | 0.9 - 0.9 | 6.9 - 6.6 | 12.9 - 12.4 | 9 | 14°32.2 | 14°34.6 | 13°52.5 | 0.9 - 0.9 | 6.9 - 6.7 | 12.9 - 12.6 | 9 | 14°47.2 | 14°49.7 | 14°06.8 | 0.9 - 0.9 | 6.9 - 6.8 | 12.9 - 12.8 |
| 10 | 14°17.5 | 14°19.8 | 13°38.4 | 1.0 - 1.0 | 7.0 - 6.7 | 13.0 - 12.5 | 10 | 14°32.5 | 14°34.9 | 13°52.8 | 1.0 - 1.0 | 7.0 - 6.8 | 13.0 - 12.7 | 10 | 14°47.5 | 14°49.9 | 14°07.1 | 1.0 - 1.0 | 7.0 - 6.9 | 13.0 - 12.9 |
| 11 | 14°17.7 | 14°20.1 | 13°38.7 | 1.1 - 1.1 | 7.1 - 6.8 | 13.1 - 12.6 | 11 | 14°32.7 | 14°35.1 | 13°53.0 | 1.1 - 1.1 | 7.1 - 6.9 | 13.1 - 12.8 | 11 | 14°47.7 | 14°50.2 | 14°07.3 | 1.1 - 1.1 | 7.1 - 7.0 | 13.1 - 13.0 |
| 12 | 14°18.0 | 14°20.3 | 13°38.9 | 1.2 - 1.2 | 7.2 - 6.9 | 13.2 - 12.7 | 12 | 14°33.0 | 14°35.4 | 13°53.2 | 1.2 - 1.2 | 7.2 - 7.0 | 13.2 - 12.9 | 12 | 14°48.0 | 14°50.4 | 14°07.5 | 1.2 - 1.2 | 7.2 - 7.1 | 13.2 - 13.1 |
| 13 | 14°18.3 | 14°20.6 | 13°39.2 | 1.3 - 1.2 | 7.3 - 7.0 | 13.3 - 12.7 | 13 | 14°33.3 | 14°35.6 | 13°53.5 | 1.3 - 1.3 | 7.3 - 7.1 | 13.3 - 13.0 | 13 | 14°48.3 | 14°50.7 | 14°07.8 | 1.3 - 1.3 | 7.3 - 7.2 | 13.3 - 13.2 |
| 14 | 14°18.5 | 14°20.8 | 13°39.4 | 1.4 - 1.3 | 7.4 - 7.1 | 13.4 - 12.8 | 14 | 14°33.5 | 14°35.9 | 13°53.7 | 1.4 - 1.4 | 7.4 - 7.2 | 13.4 - 13.1 | 14 | 14°48.5 | 14°50.9 | 14°08.0 | 1.4 - 1.4 | 7.4 - 7.3 | 13.4 - 13.3 |
| 15 | 14°18.8 | 14°21.1 | 13°39.6 | 1.5 - 1.4 | 7.5 - 7.2 | 13.5 - 12.9 | 15 | 14°33.8 | 14°36.1 | 13°53.9 | 1.5 - 1.5 | 7.5 - 7.3 | 13.5 - 13.2 | 15 | 14°48.8 | 14°51.2 | 14°08.3 | 1.5 - 1.5 | 7.5 - 7.4 | 13.5 - 13.4 |
| 16 | 14°19.0 | 14°21.3 | 13°39.9 | 1.6 - 1.5 | 7.6 - 7.3 | 13.6 - 13.0 | 16 | 14°34.0 | 14°36.4 | 13°54.2 | 1.6 - 1.6 | 7.6 - 7.4 | 13.6 - 13.3 | 16 | 14°49.0 | 14°51.4 | 14°08.5 | 1.6 - 1.6 | 7.6 - 7.5 | 13.6 - 13.5 |
| 17 | 14°19.2 | 14°21.6 | 13°40.1 | 1.7 - 1.6 | 7.7 - 7.4 | 13.7 - 13.1 | 17 | 14°34.2 | 14°36.6 | 13°54.4 | 1.7 - 1.7 | 7.7 - 7.5 | 13.7 - 13.4 | 17 | 14°49.2 | 14°51.7 | 14°08.7 | 1.7 - 1.7 | 7.7 - 7.6 | 13.7 - 13.6 |
| 18 | 14°19.5 | 14°21.8 | 13°40.3 | 1.8 - 1.7 | 7.8 - 7.5 | 13.8 - 13.2 | 18 | 14°34.5 | 14°36.9 | 13°54.7 | 1.8 - 1.8 | 7.8 - 7.6 | 13.8 - 13.5 | 18 | 14°49.5 | 14°51.9 | 14°09.0 | 1.8 - 1.8 | 7.8 - 7.7 | 13.8 - 13.7 |
| 19 | 14°19.8 | 14°22.1 | 13°40.6 | 1.9 - 1.8 | 7.9 - 7.6 | 13.9 - 13.3 | 19 | 14°34.8 | 14°37.1 | 13°54.9 | 1.9 - 1.9 | 7.9 - 7.7 | 13.9 - 13.6 | 19 | 14°49.8 | 14°52.2 | 14°09.2 | 1.9 - 1.9 | 7.9 - 7.8 | 13.9 - 13.8 |
| 20 | 14°20.0 | 14°22.4 | 13°40.8 | 2.0 - 1.9 | 8.0 - 7.7 | 14.0 - 13.4 | 20 | 14°35.0 | 14°37.4 | 13°55.1 | 2.0 - 1.9 | 8.0 - 7.8 | 14.0 - 13.7 | 20 | 14°50.0 | 14°52.4 | 14°09.5 | 2.0 - 2.0 | 8.0 - 7.9 | 14.0 - 13.9 |
| 21 | 14°20.3 | 14°22.6 | 13°41.1 | 2.1 - 2.0 | 8.1 - 7.8 | 14.1 - 13.5 | 21 | 14°35.3 | 14°37.6 | 13°55.4 | 2.1 - 2.0 | 8.1 - 7.9 | 14.1 - 13.7 | 21 | 14°50.3 | 14°52.7 | 14°09.7 | 2.1 - 2.1 | 8.1 - 8.0 | 14.1 - 14.0 |
| 22 | 14°20.5 | 14°22.9 | 13°41.3 | 2.2 - 2.1 | 8.2 - 7.9 | 14.2 - 13.6 | 22 | 14°35.5 | 14°37.9 | 13°55.6 | 2.2 - 2.1 | 8.2 - 8.0 | 14.2 - 13.8 | 22 | 14°50.5 | 14°52.9 | 14°09.9 | 2.2 - 2.2 | 8.2 - 8.1 | 14.2 - 14.1 |
| 23 | 14°20.7 | 14°23.1 | 13°41.5 | 2.3 - 2.2 | 8.3 - 8.0 | 14.3 - 13.7 | 23 | 14°35.7 | 14°38.1 | 13°55.9 | 2.3 - 2.2 | 8.3 - 8.1 | 14.3 - 13.9 | 23 | 14°50.7 | 14°53.2 | 14°10.2 | 2.3 - 2.3 | 8.3 - 8.2 | 14.3 - 14.2 |
| 24 | 14°21.0 | 14°23.4 | 13°41.8 | 2.4 - 2.3 | 8.4 - 8.1 | 14.4 - 13.8 | 24 | 14°36.0 | 14°38.4 | 13°56.1 | 2.4 - 2.3 | 8.4 - 8.2 | 14.4 - 14.0 | 24 | 14°51.0 | 14°53.4 | 14°10.4 | 2.4 - 2.4 | 8.4 - 8.3 | 14.4 - 14.3 |
| 25 | 14°21.2 | 14°23.6 | 13°42.0 | 2.5 - 2.4 | 8.5 - 8.1 | 14.5 - 13.9 | 25 | 14°36.2 | 14°38.6 | 13°56.3 | 2.5 - 2.4 | 8.5 - 8.3 | 14.5 - 14.1 | 25 | 14°51.2 | 14°53.7 | 14°10.6 | 2.5 - 2.5 | 8.5 - 8.4 | 14.5 - 14.4 |
| 26 | 14°21.5 | 14°23.9 | 13°42.3 | 2.6 - 2.5 | 8.6 - 8.2 | 14.6 - 14.0 | 26 | 14°36.5 | 14°38.9 | 13°56.6 | 2.6 - 2.5 | 8.6 - 8.4 | 14.6 - 14.2 | 26 | 14°51.5 | 14°53.9 | 14°10.9 | 2.6 - 2.6 | 8.6 - 8.5 | 14.6 - 14.5 |
| 27 | 14°21.8 | 14°24.1 | 13°42.5 | 2.7 - 2.6 | 8.7 - 8.3 | 14.7 - 14.1 | 27 | 14°36.8 | 14°39.1 | 13°56.8 | 2.7 - 2.6 | 8.7 - 8.5 | 14.7 - 14.3 | 27 | 14°51.8 | 14°54.2 | 14°11.1 | 2.7 - 2.7 | 8.7 - 8.6 | 14.7 - 14.6 |
| 28 | 14°22.0 | 14°24.4 | 13°42.7 | 2.8 - 2.7 | 8.8 - 8.4 | 14.8 - 14.2 | 28 | 14°37.0 | 14°39.4 | 13°57.0 | 2.8 - 2.7 | 8.8 - 8.6 | 14.8 - 14.4 | 28 | 14°52.0 | 14°54.4 | 14°11.4 | 2.8 - 2.8 | 8.8 - 8.7 | 14.8 - 14.7 |
| 29 | 14°22.3 | 14°24.6 | 13°43.0 | 2.9 - 2.8 | 8.9 - 8.5 | 14.9 - 14.3 | 29 | 14°37.3 | 14°39.6 | 13°57.3 | 2.9 - 2.8 | 8.9 - 8.7 | 14.9 - 14.5 | 29 | 14°52.3 | 14°54.7 | 14°11.6 | 2.9 - 2.9 | 8.9 - 8.8 | 14.9 - 14.8 |
| 30 | 14°22.5 | 14°24.9 | 13°43.2 | 3.0 - 2.9 | 9.0 - 8.6 | 15.0 - 14.4 | 30 | 14°37.5 | 14°39.9 | 13°57.5 | 3.0 - 2.9 | 9.0 - 8.8 | 15.0 - 14.6 | 30 | 14°52.5 | 14°54.9 | 14°11.8 | 3.0 - 3.0 | 9.0 - 8.9 | 15.0 - 14.9 |
| 31 | 14°22.7 | 14°25.1 | 13°43.4 | 3.1 - 3.0 | 9.1 - 8.7 | 15.1 - 14.5 | 31 | 14°37.7 | 14°40.1 | 13°57.8 | 3.1 - 3.0 | 9.1 - 8.9 | 15.1 - 14.7 | 31 | 14°52.7 | 14°55.2 | 14°12.1 | 3.1 - 3.1 | 9.1 - 9.0 | 15.1 - 15.0 |
| 32 | 14°23.0 | 14°25.4 | 13°43.7 | 3.2 - 3.1 | 9.2 - 8.8 | 15.2 - 14.6 | 32 | 14°38.0 | 14°40.4 | 13°58.0 | 3.2 - 3.1 | 9.2 - 9.0 | 15.2 - 14.8 | 32 | 14°53.0 | 14°55.4 | 14°12.3 | 3.2 - 3.2 | 9.2 - 9.1 | 15.2 - 15.1 |
| 33 | 14°23.2 | 14°25.6 | 13°43.9 | 3.3 - 3.2 | 9.3 - 8.9 | 15.3 - 14.7 | 33 | 14°38.2 | 14°40.7 | 13°58.2 | 3.3 - 3.2 | 9.3 - 9.1 | 15.3 - 14.9 | 33 | 14°53.2 | 14°55.7 | 14°12.6 | 3.3 - 3.3 | 9.3 - 9.2 | 15.3 - 15.2 |
| 34 | 14°23.5 | 14°25.9 | 13°44.2 | 3.4 - 3.3 | 9.4 - 9.0 | 15.4 - 14.8 | 34 | 14°38.5 | 14°40.9 | 13°58.5 | 3.4 - 3.3 | 9.4 - 9.2 | 15.4 - 15.0 | 34 | 14°53.5 | 14°55.9 | 14°12.8 | 3.4 - 3.4 | 9.4 - 9.3 | 15.4 - 15.3 |
| 35 | 14°23.8 | 14°26.1 | 13°44.4 | 3.5 - 3.4 | 9.5 - 9.1 | 15.5 - 14.9 | 35 | 14°38.8 | 14°41.2 | 13°58.7 | 3.5 - 3.4 | 9.5 - 9.3 | 15.5 - 15.1 | 35 | 14°53.8 | 14°56.2 | 14°13.0 | 3.5 - 3.5 | 9.5 - 9.4 | 15.5 - 15.4 |
| 36 | 14°24.0 | 14°26.4 | 13°44.6 | 3.6 - 3.5 | 9.6 - 9.2 | 15.6 - 15.0 | 36 | 14°39.0 | 14°41.4 | 13°59.0 | 3.6 - 3.5 | 9.6 - 9.4 | 15.6 - 15.2 | 36 | 14°54.0 | 14°56.4 | 14°13.3 | 3.6 - 3.6 | 9.6 - 9.5 | 15.6 - 15.5 |
| 37 | 14°24.3 | 14°26.6 | 13°44.9 | 3.7 - 3.5 | 9.7 - 9.3 | 15.7 - 15.0 | 37 | 14°39.3 | 14°41.7 | 13°59.2 | 3.7 - 3.6 | 9.7 - 9.5 | 15.7 - 15.3 | 37 | 14°54.3 | 14°56.7 | 14°13.5 | 3.7 - 3.7 | 9.7 - 9.6 | 15.7 - 15.6 |
| 38 | 14°24.5 | 14°26.9 | 13°45.1 | 3.8 - 3.6 | 9.8 - 9.4 | 15.8 - 15.1 | 38 | 14°39.5 | 14°41.9 | 13°59.4 | 3.8 - 3.7 | 9.8 - 9.6 | 15.8 - 15.4 | 38 | 14°54.5 | 14°56.9 | 14°13.8 | 3.8 - 3.8 | 9.8 - 9.7 | 15.8 - 15.7 |
| 39 | 14°24.7 | 14°27.1 | 13°45.4 | 3.9 - 3.7 | 9.9 - 9.5 | 15.9 - 15.2 | 39 | 14°39.7 | 14°42.2 | 13°59.7 | 3.9 - 3.8 | 9.9 - 9.7 | 15.9 - 15.5 | 39 | 14°54.7 | 14°57.2 | 14°14.0 | 3.9 - 3.9 | 9.9 - 9.8 | 15.9 - 15.8 |
| 40 | 14°25.0 | 14°27.4 | 13°45.6 | 4.0 - 3.8 | 10.0 - 9.6 | 16.0 - 15.3 | 40 | 14°40.0 | 14°42.4 | 13°59.9 | 4.0 - 3.9 | 10.0 - 9.8 | 16.0 - 15.6 | 40 | 14°55.0 | 14°57.4 | 14°14.2 | 4.0 - 4.0 | 10.0 - 9.9 | 16.0 - 15.9 |
| 41 | 14°25.2 | 14°27.6 | 13°45.8 | 4.1 - 3.9 | 10.1 - 9.7 | 16.1 - 15.4 | 41 | 14°40.2 | 14°42.7 | 14°00.1 | 4.1 - 4.0 | 10.1 - 9.8 | 16.1 - 15.7 | 41 | 14°55.2 | 14°57.7</td | | | | |

Increments and Corrections

Refract.

| H_a | ref | Parallax of the Moon | | | | | | | | | | | | | | | | | | DIP | | | |
|-------|-----|----------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|
| | | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | | | | |
| 5° | 9.9 | ' | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 1 | 1.8 | 3.2 |
| 5.5° | 9.1 | 0 | 54.0 | 53.8 | 53.2 | 52.2 | 50.7 | 48.9 | 46.8 | 44.2 | 41.4 | 38.2 | 34.7 | 31.0 | 27.0 | 22.8 | 18.5 | 14.0 | 9.4 | 4.7 | 1.5 | 2.2 | 4.9 |
| 6.0° | 8.5 | 10 | 54.0 | 53.8 | 53.2 | 52.1 | 50.7 | 48.9 | 46.7 | 44.1 | 41.3 | 38.1 | 34.6 | 30.8 | 26.9 | 22.7 | 18.3 | 13.8 | 9.2 | 4.5 | 2.0 | 2.5 | 6.5 |
| 6.5° | 7.9 | 20 | 54.0 | 53.8 | 53.1 | 52.1 | 50.6 | 48.8 | 46.6 | 44.1 | 41.2 | 38.0 | 34.5 | 30.7 | 26.7 | 22.5 | 18.2 | 13.7 | 9.1 | 4.4 | 2.5 | 2.8 | 8.1 |
| 7.0° | 7.5 | 30 | 54.0 | 53.8 | 53.1 | 52.0 | 50.6 | 48.7 | 46.5 | 44.0 | 41.1 | 37.8 | 34.3 | 30.6 | 26.6 | 22.4 | 18.0 | 13.5 | 8.9 | 4.2 | 3.0 | 3.0 | 9.7 |
| 7.5° | 7.0 | 40 | 54.0 | 53.7 | 53.1 | 52.0 | 50.5 | 48.7 | 46.4 | 43.9 | 41.0 | 37.7 | 34.2 | 30.5 | 26.5 | 22.3 | 17.9 | 13.4 | 8.8 | 4.1 | 3.5 | 3.3 | 11.3 |
| 8.0° | 6.6 | 50 | 54.0 | 53.7 | 53.0 | 52.0 | 50.5 | 48.6 | 46.4 | 43.8 | 40.9 | 37.6 | 34.1 | 30.3 | 26.3 | 22.1 | 17.7 | 13.2 | 8.6 | 3.9 | 4.0 | 3.5 | 13.0 |
| 8.5° | 6.3 | ' | 1° | 6° | 11° | 16° | 21° | 26° | 31° | 36° | 41° | 46° | 51° | 56° | 61° | 66° | 71° | 76° | 81° | 86° | 4.5 | 3.7 | 14.6 |
| 9.0° | 5.9 | 0 | 54.0 | 53.7 | 53.0 | 51.9 | 50.4 | 48.5 | 46.3 | 43.7 | 40.8 | 37.5 | 34.0 | 30.2 | 26.2 | 22.0 | 17.6 | 13.1 | 8.4 | 3.8 | 5.0 | 3.9 | 16.2 |
| 9.5° | 5.7 | 10 | 54.0 | 53.7 | 53.0 | 51.9 | 50.4 | 48.5 | 46.2 | 43.6 | 40.7 | 37.4 | 33.9 | 30.1 | 26.0 | 21.8 | 17.4 | 12.9 | 8.3 | 3.6 | 5.5 | 4.1 | 17.8 |
| 10.0° | 5.4 | 20 | 54.0 | 53.7 | 52.9 | 51.8 | 50.3 | 48.4 | 46.1 | 43.5 | 40.5 | 37.3 | 33.7 | 29.9 | 25.9 | 21.7 | 17.3 | 12.8 | 8.1 | 3.5 | 6.0 | 4.3 | 19.5 |
| 10.5° | 5.1 | 30 | 54.0 | 53.7 | 52.9 | 51.8 | 50.2 | 48.3 | 46.0 | 43.4 | 40.4 | 37.2 | 33.6 | 29.8 | 25.8 | 21.5 | 17.1 | 12.6 | 8.0 | 3.3 | 6.5 | 4.5 | 21.1 |
| 11.0° | 4.9 | 40 | 54.0 | 53.6 | 52.9 | 51.7 | 50.2 | 48.3 | 46.0 | 43.3 | 40.3 | 37.1 | 33.5 | 29.7 | 25.6 | 21.4 | 17.0 | 12.5 | 7.8 | 3.1 | 7.0 | 4.7 | 22.7 |
| 11.5° | 4.7 | 50 | 54.0 | 53.6 | 52.9 | 51.7 | 50.1 | 48.2 | 45.9 | 43.2 | 40.2 | 36.9 | 33.4 | 29.5 | 25.5 | 21.2 | 16.8 | 12.3 | 7.7 | 3.0 | 7.5 | 4.8 | 24.3 |
| 12.0° | 4.5 | ' | 2° | 7° | 12° | 17° | 22° | 27° | 32° | 37° | 42° | 47° | 52° | 57° | 62° | 67° | 72° | 77° | 82° | 87° | 8.0 | 5.0 | 25.9 |
| 12.5° | 4.4 | 0 | 54.0 | 53.6 | 52.8 | 51.6 | 50.1 | 48.1 | 45.8 | 43.1 | 40.1 | 36.8 | 33.2 | 29.4 | 25.4 | 21.1 | 16.7 | 12.1 | 7.5 | 2.8 | 8.5 | 5.1 | 27.6 |
| 13.0° | 4.2 | 10 | 54.0 | 53.6 | 52.8 | 51.6 | 50.0 | 48.0 | 45.7 | 43.0 | 40.0 | 36.7 | 33.1 | 29.3 | 25.2 | 21.0 | 16.5 | 12.0 | 7.4 | 2.7 | 9.0 | 5.3 | 29.2 |
| 13.5° | 4.0 | 20 | 54.0 | 53.6 | 52.8 | 51.5 | 49.9 | 48.0 | 45.6 | 42.9 | 39.9 | 36.6 | 33.0 | 29.1 | 25.1 | 20.8 | 16.4 | 11.8 | 7.2 | 2.5 | 9.5 | 5.4 | 30.8 |
| 14.0° | 3.9 | 30 | 53.9 | 53.5 | 52.7 | 51.5 | 49.9 | 47.9 | 45.5 | 42.8 | 39.8 | 36.5 | 32.9 | 29.0 | 24.9 | 20.7 | 16.2 | 11.7 | 7.0 | 2.4 | 10.0 | 5.6 | 32.4 |
| 14.5° | 3.8 | 40 | 53.9 | 53.5 | 52.7 | 51.5 | 49.8 | 47.8 | 45.5 | 42.7 | 39.7 | 36.4 | 32.7 | 28.9 | 24.8 | 20.5 | 16.1 | 11.5 | 6.9 | 2.2 | 10.5 | 5.7 | 34.0 |
| 15.0° | 3.6 | 50 | 53.9 | 53.5 | 52.7 | 51.4 | 49.8 | 47.8 | 45.4 | 42.6 | 39.6 | 36.2 | 32.6 | 28.7 | 24.7 | 20.4 | 15.9 | 11.4 | 6.7 | 2.0 | 11.0 | 5.8 | 35.7 |
| 15.5° | 3.5 | ' | 3° | 8° | 13° | 18° | 23° | 28° | 33° | 38° | 43° | 48° | 53° | 58° | 63° | 68° | 73° | 78° | 83° | 88° | 11.5 | 6.0 | 37.3 |
| 16.0° | 3.4 | 0 | 53.9 | 53.5 | 52.6 | 51.4 | 49.7 | 47.7 | 45.3 | 42.6 | 39.5 | 36.1 | 32.5 | 28.6 | 24.5 | 20.2 | 15.8 | 11.2 | 6.6 | 1.9 | 12.0 | 6.1 | 38.9 |
| 16.5° | 3.3 | 10 | 53.9 | 53.5 | 52.6 | 51.3 | 49.6 | 47.6 | 45.2 | 42.5 | 39.4 | 36.0 | 32.4 | 28.5 | 24.4 | 20.1 | 15.6 | 11.1 | 6.4 | 1.7 | 12.5 | 6.2 | 40.5 |
| 17.0° | 3.2 | 20 | 53.9 | 53.4 | 52.5 | 51.3 | 49.6 | 47.5 | 45.1 | 42.4 | 39.3 | 35.9 | 32.2 | 28.3 | 24.2 | 19.9 | 15.5 | 10.9 | 6.3 | 1.6 | 13.0 | 6.3 | 42.2 |
| 17.5° | 3.1 | 30 | 53.9 | 53.4 | 52.5 | 51.2 | 49.5 | 47.5 | 45.0 | 42.3 | 39.2 | 35.8 | 32.1 | 28.2 | 24.1 | 19.8 | 15.3 | 10.8 | 6.1 | 1.4 | 13.5 | 6.5 | 43.8 |
| 18.0° | 3.0 | 40 | 53.9 | 53.4 | 52.5 | 51.2 | 49.5 | 47.4 | 44.9 | 42.2 | 39.1 | 35.7 | 32.0 | 28.1 | 24.0 | 19.6 | 15.2 | 10.6 | 6.0 | 1.3 | 14.0 | 6.6 | 45.4 |
| 18.5° | 2.9 | 50 | 53.9 | 53.4 | 52.4 | 51.1 | 49.4 | 47.3 | 44.9 | 42.1 | 39.0 | 35.5 | 31.9 | 27.9 | 23.8 | 19.5 | 15.0 | 10.5 | 5.8 | 1.1 | 14.5 | 6.7 | 47.0 |
| 19.0° | 2.9 | ' | 4° | 9° | 14° | 19° | 24° | 29° | 34° | 39° | 44° | 49° | 54° | 59° | 64° | 69° | 74° | 79° | 84° | 89° | 15.0 | 6.8 | 48.6 |
| 19.5° | 2.8 | 0 | 53.9 | 53.3 | 52.4 | 51.1 | 49.3 | 47.2 | 44.8 | 42.0 | 38.8 | 35.4 | 31.7 | 27.8 | 23.7 | 19.4 | 14.9 | 10.3 | 5.6 | 0.9 | 15.5 | 6.9 | 50.3 |
| 20.0° | 2.7 | 10 | 53.9 | 53.3 | 52.4 | 51.0 | 49.3 | 47.2 | 44.7 | 41.9 | 38.7 | 35.3 | 31.6 | 27.7 | 23.5 | 19.2 | 14.7 | 10.1 | 5.5 | 0.8 | 16.0 | 7.0 | 51.9 |
| 21.0° | 2.6 | 20 | 53.8 | 53.3 | 52.3 | 51.0 | 49.2 | 47.1 | 44.6 | 41.8 | 38.6 | 35.2 | 31.5 | 27.5 | 23.4 | 19.1 | 14.6 | 10.0 | 5.3 | 0.6 | 16.5 | 7.1 | 53.5 |
| 22.0° | 2.4 | 30 | 53.8 | 53.3 | 52.3 | 50.9 | 49.1 | 47.0 | 44.5 | 41.7 | 38.5 | 35.1 | 31.4 | 27.4 | 23.2 | 18.9 | 14.4 | 9.8 | 5.2 | 0.5 | 17.0 | 7.2 | 55.1 |
| 23.0° | 2.3 | 40 | 53.8 | 53.2 | 52.2 | 50.8 | 49.1 | 46.9 | 44.4 | 41.6 | 38.4 | 35.0 | 31.2 | 27.3 | 23.1 | 18.8 | 14.3 | 9.7 | 5.0 | 0.3 | 17.5 | 7.4 | 56.7 |
| 24.0° | 2.2 | 50 | 53.8 | 53.2 | 52.2 | 50.8 | 49.0 | 46.8 | 44.3 | 41.5 | 38.3 | 34.8 | 31.1 | 27.1 | 23.0 | 18.6 | 14.1 | 9.5 | 4.9 | 0.2 | 18.0 | 7.5 | 58.4 |
| 25.0° | 2.1 | HP | correction for HP per column | | | | | | | | | | | | | | | | | | 18.5 | 7.6 | 60.0 |
| 26.0° | 2.0 | 54.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 19.0 | 7.7 | 61.6 | |
| 27.0° | 1.9 | 54.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.0 | 19.5 | 7.8 | 63.2 | |
| 28.0° | 1.9 | 54.9 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.7 | 0.7 | 0.6 | 0.5 | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 | 0.1 | 0.1 | 0.0 | 20.0 | 7.9 | 64.9 | |
| 29.0° | 1.8 | 55.2 | 1.2 | 1.2 | 1.1 | 1.1 | 1.0 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.6 | 0.5 | 0.4 | 0.3 | 0.2 | 0.1 | 0.0 | 20.5 | 8.0 | 66.5 | |
| 30.0° | 1.7 | 55.5 | 1.5 | 1.5 | 1.4 | 1.4 | 1.3 | 1.2 | 1.1 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 0.3 | 0.2 | 0.1 | 21.0 | 8.1 | 68.1 | |
| 31.0° | 1.7 | 55.8 | 1.8 | 1.8 | 1.8 | 1.7 | 1.6 | 1.5 | 1.4 | 1.3 | 1.2 | 1.1 | 1.0 | 0.8 | 0.7 | 0.5 | 0.4 | 0.2 | 0.1 | 21.5 | 8.2 | 69.7 | |
| 32.0° | 1.6 | 56.1 | 2.1 | 2.1 | 2.0 | 1.9 | 1.8 | 1.7 | 1.5 | 1.4 | 1.3 | 1.1 | 1.0 | 0.8 | 0.6 | 0.5 | 0.3 | 0.2 | 0.1 | 22.0 | 8.2 | 71.3 | |
| 33.0° | 1.5 | 56.4 | 2.4 | 2.4 | 2.3 | 2.2 | 2.1 | 2.0 | 1.9 | 1.8 | 1.6 | 1.5 | 1.3 | 1.1 | 0.9 | 0.7 | 0.5 | 0.3 | 0.1 | 22.5 | 8.3 | 73.0 | |
| 34.0° | 1.5 | 56.7 | 2.7 | 2.6 | 2.6 | 2.5 | 2.4 | 2.3 | 2.1 | 2.0 | 1.8 | 1.6 | 1.5 | 1.2 | 1.0 | 0.8 | 0.6 | 0.4 | 0.1 | 23.0 | 8.4 | 74.6 | |
| 35.0° | 1.4 | 57.0 | 3.0 | 3.0 | 2.9 | 2.8 | 2.5 | 2.4 | 2.2 | 2.0 | 1.8 | 1.6 | 1.4 | 1.1 | 0.9 | 0.6 | 0.4 | 0.1 | 0.1 | 23.5 | 8.5 | 76.2 | |
| 36.0° | 1.4 | 57.3 | 3.3 | 3.3 | 3.2 | 3.0 | 2.9 | 2.6 | 2.4 | 2.2 | 2.0 | 1.8 | 1.5 | 1.3 | 1.0 | 0.7 | 0.4 | 0.1 | 0.1 | 24.0 | 8.6 | 77.8 | |
| 37.0° | 1.3 | 57.6 | 3.6 | 3.6 | 3.5 | 3.4 | 3.3 | 3.2 | 2.9 | 2.7 | 2.4 | 2.2 | 1.9 | 1.7 | 1.4 | 1.1 | 0.8 | 0.5 | 0.2 | 24.5 | 8.7 | 79.4 | |
| 38.0° | 1.3 | 57.9 | 3.9 | 3.8 | 3.7 | 3.6 | 3.5 | 3.3 | 3.1 | 2.9 | 2.6 | 2.4 | 2.1 | 1.8 | 1.5 | 1.2 | 0.8 | 0.5 | 0.2 | 25.0 | 8.8 | 81.1 | |
| 39.0° | 1.2 | 58.2 | 4.2 | 4.1 | 4.0 | 3.9 | 3.7 | 3.5 | 3.3 | 3.1 | 2.8 | 2.6 | 2.3 | 1.9 | 1.6 | 1.3 | 0.9 | | | | | | |